



PCD SERIES

Sikloid Serisi Redüktörler

Cycloid Series Gear Units

Zykloidgetriebe

Riduttori della serie cicloide

La série des réducteurs cycloïdaux

Reductores de la serie cicloide

IE2 | IE3



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PGR[®]
DRIVE TECHNOLOGIES

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TR KALİTE POLİTİKAMIZ

Polat Group Redüktör San. ve Tic. A.Ş., en iyiyi yakalamak için; İş Sağlığı ve Güvenliği, Çevre Güvenliği ve Kalite Yönetim Sistemi uygulamalarını, Üretim ve Hizmet sürecinin vazgeçilmez bir unsuru olarak değerlendirmekte ve uygulamaktadır.

Bu doğrultuda;

- Yayınlanmış ulusal/uluslararası yasal şartlar ve diğer şartlara uymak ve güncelliğini takip etmeyi;
- Atıkları kaynağında azaltmak ve teknolojik imkanlar ile çevre etkilerini kontrol altında tutmayı;
- Bünyemizde uygulanan yönetim sistemlerinin performansının değerlendirmek ve sürekli iyileştirmeyi;
- Eğitimlerle çalışanlarımızı çevre, iş sağlığı ve güvenliği ve Kalite yönetim sistemleri konusunda bilinçlendirmeyi;
- Çalışan sağlığının ve çevrenin korunması için çalışmalarını güncel tutmayı;
- Sektöründeki teknolojik gelişmeleri takip etmeyi, pazar payındaki istikrarını sürdürmek için müşterilerinin istek ve beklentilerine eksiksiz ve zamanında cevap vererek sürekli artan müşteri memnuniyetini sağlamayı, eğitimli çalışanlarının performansını, huzurlu bir çalışma ortamı sağlayarak artırmayı;

Şirket politikası olarak benimsemiştir.

VİZYONUMUZ

Müşteri ve çalışan memnuniyetini en üst düzeyde tutan, gelişmeleri izleyen değil yaratan bir dünya şirketi olmaktır.

MİSYONUMUZ

Müşterilerimizin ihtiyaçlarını karşılayacak çözümleri bilgi teknolojilerini kullanarak en verimli ve kaliteli şekilde sunmaktır.

Polat Group Redüktör olarak birçok farklı ürün yelpazesi ile, müşteri ihtiyacını maksimum seviyede karşılamak için eş zamanlı mühendislik yöntemlerini kullanarak çalışmalarını sürdürmektedir. Tasarım faaliyetleri, ürün geliştirme programları ve bilgisayar destekli çalışmalarımız sürekli gelişen bir grafik çizmektedir. Rekabetçi ve güçlü kalite politikamız müşteri yelpazemizi genişletmektedir.

EN OUR QUALITY POLICY

Polat Group Redüktör San. ve Tic. A.Ş., considers and applies Occupational Health and Safety, Environmental Safety and Quality Management System as the inseparable part of Production and Service process.

In line with this, our company adopts:

- Complying with published national/international legal provisions and other conditions and following up-to-datedness thereof;
- Reducing wastes in resources and keeping environmental impacts under control with technological opportunities;
- Assessing and constantly improving performance of management systems applied within our company;
- Raising awareness of our employees about occupational health and safety and quality management systems through trainings;
- Keeping our activities up-to-dated to protect personnel health and environmental protection;
- Following technological developments in the sector, ensuring ever-increasing customer satisfaction by responding to requests and expectations of customers completely and duly to sustain stability in the market share and increasing performance of trained employees by providing a peaceful working environment;

as the company policy.

OUR VISION

Our vision is to become a world company which meets and surpasses the customer satisfaction and which not only follows the development but also creates the development itself.

OUR MISSION

Our mission is to provide the solutions to our customers in the most efficient and qualified way by making use of the information technologies.

Our gear unit group carries out its work using simultaneous engineering methods in order to meet the demands of our customers by presenting several different product ranges. Design and planning activities, product development programmes and computer supporting work show a continuously growing chart. Our competitive and strong quality policy is to develop our customer spectrum.

DE UNSERE QUALITÄTSPOLITIK

Polat Group Redüktör San. ve Tic. A.Ş., um an das Beste zu gelangen; es bewertet und implementiert die Praktiken des Arbeitsschutz-, Umweltsicherheits- und Qualitätsmanagementsystems als unverzichtbares Element des Produktions- und Serviceprozesses.

In diese Richtung;

- Einhaltung und Befolgung der aktualisierten nationalen / internationalen gesetzlichen und sonstigen Anforderungen;
- Abfall an seiner Quelle zu reduzieren und technologische Möglichkeiten und Umweltauswirkungen unter Kontrolle zu halten;
- Bewertung und kontinuierliche Verbesserung der Leistung der in unserer Struktur implementierten Managementsysteme;
- Sensibilisierung unserer Mitarbeiter für Umwelt-, Arbeitsschutz- und Qualitätsmanagementsysteme durch Schulungen;
- Um unsere Arbeit zum Schutz der Gesundheit und der Umwelt der Mitarbeiter auf dem neuesten Stand zu halten;
- Verfolgung der technologischen Entwicklungen in der Branche, Gewährleistung der stetig steigenden Kundenzufriedenheit durch vollständige und pünktliche Reaktion auf die Anforderungen und Erwartungen ihrer Kunden, um ihre Marktanteilstabilität zu erhalten, Steigerung der Leistung ihrer geschulten Mitarbeiter durch Schaffung eines friedlichen Arbeitsumfelds;

hat sie als Unternehmenspolitik übernommen.

UNSERE VISION

Unsere Vision ist ein Weltunternehmen zu erschaffen, das die Kunden - und Mitarbeiterzufriedenheit ständig im höchsten Zustand haltet und die Entwicklungen nicht nur verfolgt, sondern auch gestaltet.

UNSER ZIEL

Unser Ziel ist unseren Kunden die Produkte, Qualitäts- und Dienstleistungen sowie Lösungen, die die Kundenerwartungen übertreffen und im besten und leistungsfähigsten Zustand mit Hilfe der neuesten Informationstechnologien zu bieten.

Polat Group Redüktör GmbH führt sämtliche Tätigkeiten des Ingenieurwesens gleichzeitig weiter, um die Kundenerwartungen an alle unsere Produkte aus verschiedenen Produktpaletten im höchsten Zustand zu übertreffen. Unsere Entwurfstätigkeiten und Produktentwicklungsprogramme und EDV unterstützten Arbeitsprozesse zeigen eine steigende Grafik. Unsere wettbewerbsfähige und kräftige Qualitätspolitik vergrößert unseren Kundenumfang weiter.

IT LA NOSTRA POLITICA DELLA QUALITÀ

Polat Group Redüktör San. ve Tic. A.Ş., considera e applica i sistemi di gestione della salute e della sicurezza sul lavoro, della sicurezza ambientale e della qualità come parte inscindibile del processo di produzione e di assistenza.

In linea con questo principio, la nostra azienda adotta:

- Rispettare le disposizioni di legge nazionali/internazionali pubblicate e altre condizioni e seguirne l'aggiornamento;
- Ridurre gli sprechi di risorse e tenere sotto controllo l'impatto ambientale con le opportunità tecnologiche;
- Valutare e migliorare costantemente le prestazioni dei sistemi di gestione applicati all'interno della nostra azienda;
- Sensibilizzare i nostri dipendenti sui sistemi di gestione della salute e della sicurezza sul lavoro e della qualità attraverso corsi di formazione;
- Mantenere aggiornate le nostre attività per proteggere la salute del personale e la tutela dell'ambiente;
- Seguire gli sviluppi tecnologici del settore, garantire una sempre maggiore soddisfazione dei clienti rispondendo alle loro richieste e aspettative in modo completo e corretto per sostenere la stabilità della quota di mercato e aumentare le prestazioni dei dipendenti formati fornendo un ambiente di lavoro sereno;

come politica aziendale.

LA NOSTRA VISIONE

La nostra visione è quella di essere un'azienda globale che dà priorità alla soddisfazione del cliente e che non sta a guardare, ma crea sviluppi.

LA NOSTRA MISSIONE

La nostra missione è fornire soluzioni in grado di soddisfare le richieste dei nostri clienti utilizzando le tecnologie informatiche nel modo più efficiente e qualificato.

Come Polat Group Redüktör, continuiamo le nostre attività utilizzando metodi di ingegneria simultanea per soddisfare al massimo le esigenze dei nostri clienti con una vasta gamma di prodotti. Le attività di progettazione, i programmi di sviluppo del prodotto e le attività assistite al computer mostrano un grafico in continuo sviluppo. La nostra politica di qualità competitiva e forte amplia il nostro portafoglio clienti.

FR NOS POLITIQUES DE QUALITÉ

Polat Group Redüktör San. ve Tic. A.Ş., considère et applique la santé et la sécurité au travail, la sécurité environnementale et le système de gestion de la qualité comme la partie indissociable du processus de production et de service.

Dans cette optique, notre société adopte:

- Respecter les dispositions juridiques nationales/internationales publiées et les autres conditions et en assurer l'actualisation;
- Réduire les déchets dans les ressources et maîtriser les impacts environnementaux grâce aux possibilités technologiques;
- Évaluer et améliorer constamment les performances des systèmes de gestion appliqués au sein de notre entreprise;
- Sensibiliser nos employés à la santé et à la sécurité au travail et aux systèmes de gestion de la qualité par des formations;
- Maintenir nos activités à jour pour protéger la santé du personnel et la protection de l'environnement;
- Suivre les évolutions technologiques dans le secteur, assurer une satisfaction toujours plus grande des clients en répondant complètement et dûment aux demandes et aux attentes des clients afin de maintenir la stabilité de la part de marché et d'accroître les performances des employés formés en leur offrant un environnement de travail paisible;

que la politique de l'entreprise.

NOTRE VISION

Notre vision est d'être une entreprise mondiale qui donne la priorité à la satisfaction du client et qui ne se contente pas de surveiller, mais crée des développements.

NOTRE MISSION

Notre mission est de fournir des solutions qui peuvent répondre aux demandes de nos clients en utilisant les technologies de l'information de la manière la plus efficace et la plus qualifiée.

En tant que Polat Group Redüktör, nous poursuivons nos activités en utilisant des méthodes d'ingénierie simultanée afin de répondre au maximum aux besoins de nos clients avec une large gamme de produits. Les activités de conception, les programmes de développement de produits et les activités assistées par ordinateur montrent un tableau en constante évolution. Notre politique de qualité compétitive et forte élargit notre portefeuille de clients.

ES NUESTRA POLÍTICA DE CALIDAD

Polat Group Redüktör San. ve Tic. A.Ş., considera y aplica el Sistema de Gestión de Seguridad y Salud Laboral, Seguridad Ambiental y Calidad como parte inseparable del proceso de Producción y Servicio.

De acuerdo con esto, nuestra empresa adopta:

- Cumplir con las disposiciones legales nacionales/internacionales publicadas y otras condiciones y seguir su actualización;
- Reducir el desperdicio de recursos y mantener el impacto medioambiental bajo control con oportunidades tecnológicas;
- Evaluar y mejorar constantemente el rendimiento de los sistemas de gestión aplicados en nuestra empresa;
- Sensibilizar a nuestros empleados sobre los sistemas de seguridad y salud laboral y de gestión de la calidad mediante cursos de formación;
- Mantener nuestras actividades al día para proteger la salud del personal y la protección del medio ambiente;
- Seguir la evolución tecnológica del sector, garantizar una satisfacción cada vez mayor de los clientes respondiendo a sus peticiones y expectativas de forma completa y adecuada para mantener la estabilidad en la cuota de mercado y aumentar el rendimiento de los empleados formados proporcionando un entorno de trabajo tranquilo;

como la política de la empresa.

NUESTRA VISIÓN

Nuestra visión es ser una empresa global que da prioridad a la satisfacción del cliente y no mira, sino que crea desarrollos.

NUESTRA MISIÓN

Nuestra misión es proporcionar soluciones que puedan satisfacer las demandas de nuestros clientes utilizando las tecnologías de la información de la manera más eficiente y cualificada.

Como Polat Group Redüktör, continuamos nuestras actividades utilizando métodos de ingeniería simultánea para satisfacer al máximo las necesidades de nuestros clientes con una amplia gama de productos. Las actividades de diseño, los programas de desarrollo de productos y las actividades asistidas por ordenador muestran un gráfico en constante evolución. Nuestra política de calidad competitiva y sólida amplia nuestra cartera de clientes.

TR

GENEL BİLGİLER

Ürün Tanıtımı

Güç Aktarım alanında sikloid dişli redüktörlerinin kullanılması kompaktlık, yüksek tahvil, küçük boyut ve ürün güvenilirliği konusundaki taleplere modern bir yanıttır.

Sikloid dişli redüktörler %65 çelik, %30 dökme demir ve daha düşük oranlarda kauçuk, kompozit vb. malzemeden üretilmektedir. Bu oranlar ürünün konfigürasyonuna bağlı olarak değişiklik göstermektedir.

PCD sikloid dişli redüktörleri çıkış şaftından iletilmek üzere, 7 ile 59500 Nm arasında değişiklik gösteren farklı çıkış momentleri değerlerine bağlı olarak 21 ana gruba ayrılmıştır.

Farklı müşteri taleplerini karşılayabilmek adına sikloid dişli redüktörlerin ayakta, flanşta ve gövdeden olmak üzere 3 farklı bağlantı opsiyonları bulunmaktadır. Giriş opsiyonu olarak serbest giriş millisi, Pam Adaptörü bağlantılı ve C-Face bağlantılı verilebilmektedir.

EN

GENERAL INFORMATION

Product overview

Using cycloid gear units at area of power transmission can provide compactness, high ratio, small size and product reliability.

Cycloid gear units are made by 65% steel, 30% cast iron, and lower rates of rubber, composite, etc. These rates changes according to the configuration of the product.

PCD cycloid gear units are divided into 21 main groups, to be transmitted from the output shaft, according to different output torque values which is varying between 7 and 59500 Nm.

In order to meet the needs of different customers, cycloid gear units have 3 different connection options: foot mounting, flange mounting and case mounting. The provided input options are free input shaft, hollow shaft adapter connection and C-FACE connection.

DE

ALLGEMEINE INFORMATIONEN

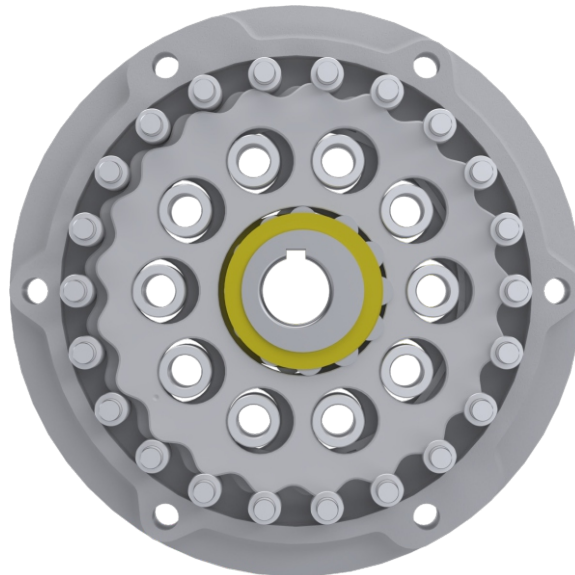
Produktübersicht

Der Einsatz von Zykloidgetrieben im Bereich Leistungsübertragung ist eine moderne Antwort auf die Anforderungen an Kompaktheit, hohes Übersetzungsverhältnis, kleine Größe und Produktsicherheit.

Zykloidgetriebe werden zu 65% aus Stahl, zu 30% aus Gusseisen und zu niedrigen Anteilen aus Materialien wie Kautschuk, Verbundwerkstoff usw. hergestellt. Diese Verhältnisse variieren je nach Konfiguration des Produkts.

Die PCD Zykloidgetriebe sind abhängig von den verschiedenen Abtriebsdrehmomenten in 21 Hauptgruppen unterteilt, die von 7 bis 59500 Nm variieren und von der Abtriebswelle übertragen werden.

Um unterschiedlichen Kundenanforderungen gerecht zu werden, sind die Zykloidgetriebe in 3 verschiedenen Anschlussmöglichkeiten an Fuß, Flansch und Gehäuse verfügbar. Antriebsoptionen sind als freie Abtriebswelle, Hohlwellen-adapter - Anschluss und C-FACE -Anschluss verfügbar.



IT

INFORMAZIONI GENERALI

Introduzione al prodotto

L'impiego di riduttori cicloidi nel campo della trasmissione di potenza è una risposta moderna alle esigenze di compattezza, elevata potenza, dimensioni ridotte e affidabilità del prodotto.

I riduttori cicloidi sono realizzati per il 65% in acciaio, per il 30% in ghisa e per percentuali inferiori in gomma, materiali compositi ecc. Queste tariffe variano a seconda della configurazione del prodotto.

I riduttori cicloidi PCD sono suddivisi in 21 gruppi principali a seconda dei diversi valori di coppia in uscita che vanno da 7 a 59500 Nm da trasmettere attraverso l'albero di uscita.

Per soddisfare le diverse esigenze dei clienti, i riduttori cicloidi hanno 3 diverse opzioni di connessione: piede, flangia e carcassa. L'albero di ingresso libero, il collegamento adattatore per albero cavo e il collegamento C-FACE sono disponibili come opzioni di ingresso.

FR

INFORMATIONS GÉNÉRALES

Présentation de produit

L'utilisation des réducteurs cycloïde dans le domaine de la transmission de puissance est une solution moderne aux exigences de compacité, de démultiplication élevée, de petite taille et de fiabilité du produit.

Les réducteurs à engrenages cycloïde sont fabriqués de 65% acier 30% de fonte et des taux inférieurs de caoutchouc, de composite, etc. Ces ratios peuvent varier en fonction de la configuration du produit.

Les réducteurs cycloïdes PCD sont divisés en 21 groupes principaux en fonction de différentes valeurs de couple de sortie variant entre 7 et 59500 à transmettre à partir de l'état de sortie.

Pour Mieux répondre aux demandes différentes de nos clients, les réducteurs à engrenages cycloïde ont trois options de connexion différentes; du pied, de la bride et du corps. Ils peuvent être fournis avec un arbre d'entrée libre, une connexion adaptateur d'arbre creux et une connexion C-FACE en option d'entrée.

ES

INFORMACIÓN GENERAL

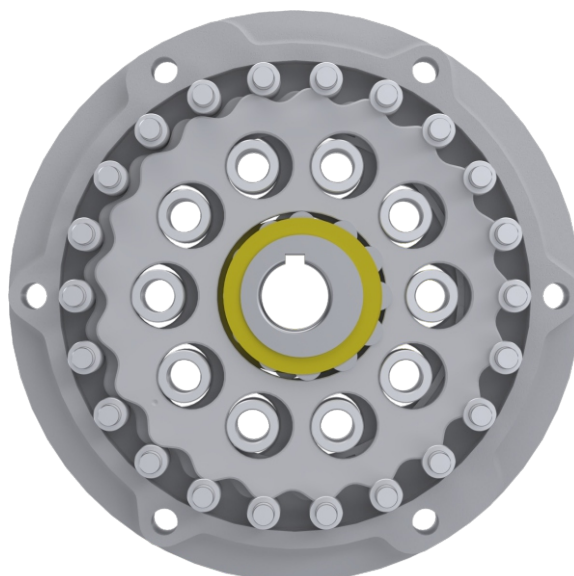
Introducción del producto

El uso de reductores cicloides en el campo de la transmisión de potencia es una respuesta moderna a las demandas de compacidad, alto accionamiento, tamaño reducido y fiabilidad del producto.

Los reductores cicloides se fabrican con un 65% de acero, un 30% de hierro fundido y proporciones menores de materiales de caucho, compuestos, etc. Estas tarifas varían en función de la configuración del producto.

Los reductores cicloides de PCD se dividen en 21 grupos principales en función de los diferentes valores de par de salida, que van de 7 a 59500 Nm, que se transmiten a través del eje de salida.

Para satisfacer las diferentes demandas de los clientes, los reductores cicloides tienen 3 opciones de conexión diferentes: pie, brida y carcasa. Como opciones de entrada están disponibles el eje de entrada libre, la conexión adaptador de eje hueco y la conexión C-FACE.



TR

GENEL BİLGİLER

ÖZELLİKLER VE AVANTAJLARI

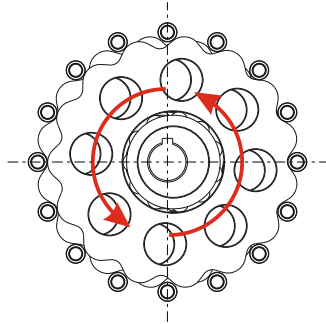
ÖZELLİKLER

Yüksek Güvenilirlik

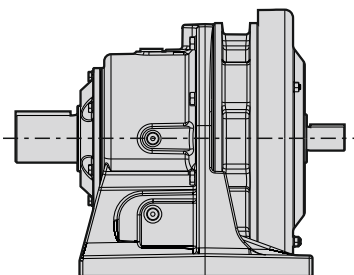
Sikloid dişli redüktörler yüksek güvenilirlik ve uzun çalışma ömrü ile tanınmaktadır. Çeyrek asırlık sorunsuz çalışma olanağı sunar. Bu süre malzeme özelliklerine, kullanılan parçaların kalitelerine ve montaj prosedürlerinin dikkatli yapılmasına bağlıdır. Firmaya danışmadan yapılan uygulama ve yanlış seçimler sonucunda redüktör ile ilgili yaşanan problemlerde tarafımızdan verilen tüm garantiler kapsam dışına çıkar.

Aşırı Yük Kapasitesi

Sikloid redüktör içerisinde yer alan dişliler çalışma sırasında bir çok temas noktasına sahip olduğu için nominal torkun %500'ne kadar anlık çok yüklerle karşı dayanabilir.

**Kompakt Tasarım**

Genellikle tek kademede 6:1 ile 119:1 arasında tahvil oranları verilebilir. 3 kademeli bir sikloid ünitesinde yaklaşık 1.000.000:1 tahvil oranının verilebilmesi mümkündür.



EN

GENERAL INFORMATION

PROPERTIES AND ADVANTAGES

PROPERTIES

High Security

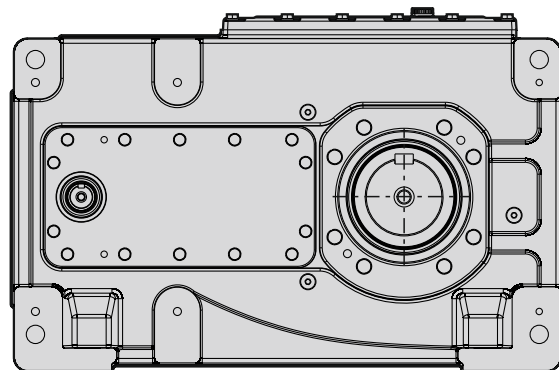
Cycloid gear units are known with their high security and durability. They can work without any problem for quarter century. This time depends on the properties of material, quality of used products and how carefully montage procedures is done. The problems which is occurred by applications which is done without consulting to firm and the problem which is caused by wrong selection will be considered as out of garranty.

Overload capacity:

Since the gears in the cycloid gear unit have many contact points during operation, they resist instantaneous shock loads up to 500% of the nominal torque.

Compact Design

Generally, ratios between 6:1 and 119:1 can be given in a single stage. It is possible to give ratio of approximately 1.000.000:1 in a triple stage cycloidal unit.



DE

ALLGEMEINE INFORMATIONEN

EIGENSCHAFTEN UND VORTEILE

EIGENSCHAFTEN

Hohe Zuverlässigkeit

Zykloidgetriebe stehen für hohe Zuverlässigkeit und lange Lebensdauer. Sie bieten ein Vierteljahrhundertlangen reibungslosen Betrieb. Die Betriebszeit ist abhängig von den Materialeigenschaften, der Qualität der verwendeten Bauteile und einem sorgfältigen Montageverfahren. Probleme mit dem Getriebe aufgrund von Anwendungen ohne Rücksprache mit unserem Unternehmen und falscher Getriebeauswahl sind von unserer Garantie ausgeschlossen.

Überlastfähigkeit

Die Zahnräder im Zykloidgetriebe haben während des Betriebs mehrere Kontaktpunkte, sodass sie einer momentanen Stoßbelastung von bis zu 500% des Nenn Drehmoments standhalten können.

Kompaktes Design

Generell sind in einer Stufe Übersetzungsverhältnisse zwischen 6:1 und 119:1 möglich. Bei einem 3-stufigen Zykloidgetriebe ist ein Übersetzungsverhältnis von ungefähr 1.000.000:1 möglich.

AVANTAJLAR

- Rekabetçi maliyet değerleri
- Yüksek güvenilirlik
- Uzun ömür ve minimum bakım
- Düşük atalet momenti ihtiyacı
- Sık dur-kalk çalışmalarına uygunluk
- Sikloid yapısına bağlı düşük gürültü seviyesi

ADVANTAGES:

- Competitive cost values
- High reliability
- Durability and minimum maintenance
- Low moment of inertia requirement
- Suitability for frequent start-stop working
- Low noise level due to cycloidal structure

VORTEILE

- wettbewerbsfähige Anschaffungskosten
- hohe Zuverlässigkeit
- lange Lebensdauer und minimale Wartung
- geringes Trägheitsmoment erforderlich
- für häufigen Start-Stopp-Betrieb geeignet
- geringer Geräuschpegel aufgrund der zyklische Bauweise

IT INFORMAZIONI GENERALI

FR INFORMATIONS GÉNÉRALES

ES INFORMACIÓN GENERAL

CARATTERISTICHE E VANTAGGI

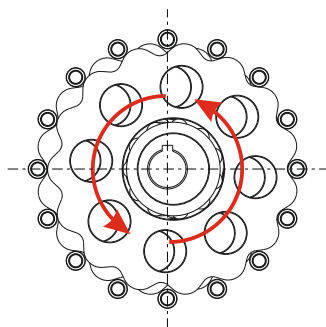
CARATTERISTICHE

Alta affidabilità

I riduttori cicloidi sono noti per l'elevata affidabilità e la lunga durata. Un quarto di secolo di funzionamento senza problemi. Ciò dipende dalle proprietà dei materiali, dalla qualità delle parti utilizzate e da accurate procedure di assemblaggio. Tutte le garanzie da noi fornite sono escluse dall'ambito di applicazione in caso di problemi con il riduttore a seguito di applicazioni e scelte errate effettuate senza consultare l'azienda.

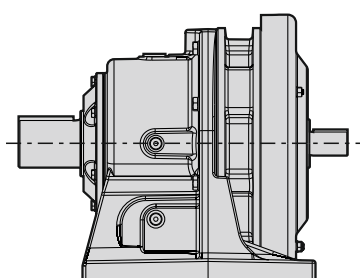
Capacità di sovraccarico

Poiché gli ingranaggi del riduttore cicloide hanno molti punti di contatto durante il funzionamento, possono sopportare carichi d'urto istantanei fino al 500% della coppia nominale.



Design compatto

In genere, è possibile ottenere rapporti di adesione compresi tra 6:1 e 119:1 in un'unica fase. In un'unità cicloide a 3 stadi, è possibile un rapporto di legame di circa 1.000.000:1.



CARACTÉRISTIQUES ET AVANTAGES

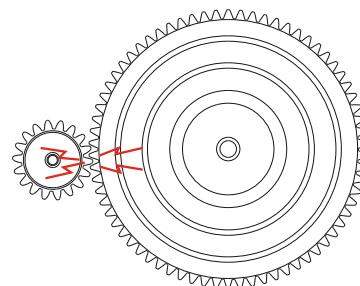
CARACTÉRISTIQUES:

Haute sécurité

Les réducteurs cycloïdes sont connus pour leur haute sécurité et leur longue durée de vie; il offrent un quart de siècle de fonctionnement sans problème. Cette période dépend des caractéristiques du matériaux, de la qualité des pièces utilisées et des procédures d'assemblage soignées. Toutes les garanties que nous donnons sont exclues en cas de problèmes liés aux réducteurs à la suite d'applications et de choix erronés effectués sans consulter l'entreprise.

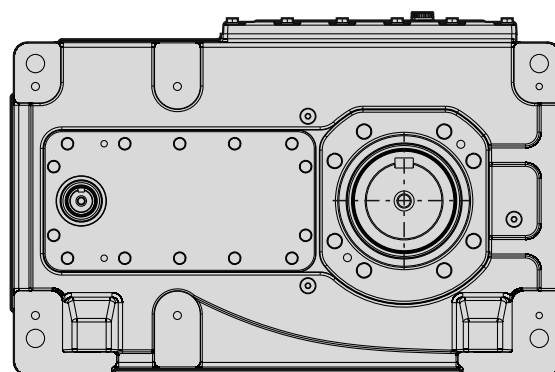
Capacité élevée

Étant donné que les engrenages du réducteurs cycloïdes ont de nombreux point de contact pendant le fonctionnement, ils peuvent supporter des charges de choc instantanées jusqu'à 500% du couple nominal.



Design compact

Généralement, des rapports de liaison entre 6:1 et 119:1 peuvent être donnés en une seule étape. Il est possible de donner un rapport de liaison d'environ 1000000:1 dans une unité cycloïde trois à étages.



CARACTERÍSTICAS Y VENTAJAS

CARACTERÍSTICAS

Alta fiabilidad

Los reductores cicloides son conocidos por su alta fiabilidad y larga vida útil. Un cuarto de siglo de funcionamiento sin problemas. Esto depende de las propiedades del material, la calidad de las piezas utilizadas y los cuidadosos procedimientos de montaje. Todas las garantías ofrecidas por nosotros quedan excluidas del ámbito de aplicación en caso de problemas con el reductor como resultado de la aplicación y de elecciones erróneas realizadas sin consultar a la empresa.

Capacidad de sobrecarga

Como los engranajes del reductor cicloide tienen muchos puntos de contacto durante el funcionamiento, pueden soportar cargas de choque instantáneas de hasta el 500% del par nominal.

Diseño compacto

Por lo general, se pueden conseguir relaciones de unión entre 6:1 y 119:1 en una sola etapa. En una unidad cicloide de 3 etapas, es posible una relación de enlace de aproximadamente 1.000.000:1.

VANTAGGI

- Valori di costo competitivi
- Alta affidabilità
- Lunga durata e manutenzione minima
- Basso momento d'inerzia richiesto
- Idoneità a frequenti operazioni di stop-and-go
- Basso livello di rumorosità grazie alla struttura cicloide

AVANTAGES

- Des valeurs de coût compétitives
- Haute sécurité
- Longue vie et minimum d'entretien
- Faible exigence de moment d'inertie
- Aptitude aux arrêts et départs fréquents
- Faible bruit grâce à la structure cycloïde

VENTAJAS

- Valores de coste competitivos
- Alta fiabilidad
- Larga vida útil y mínimo mantenimiento
- Bajo requerimiento de momento de inercia
- Idoneidad para operaciones frecuentes de parada y arranque
- Bajo nivel de ruido gracias a la estructura cicloide

TR

GENEL BİLGİLER

EN

GENERAL INFORMATION

DE

ALLGEMEINE INFORMATIONEN

ÇALIŞMA PRENSİBİ**Nasıl çalışır?**

Sikloid dişli redüktörler genel olarak 3 ana ekipmandan oluşmaktadır.

- Giriş kiti
- Sikloid disk montaj kiti
- Çıkış kiti

OPERATING PRINCIPLE**How it works?**

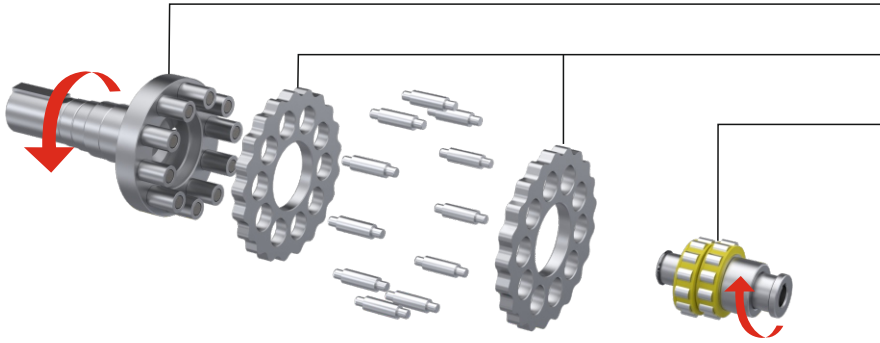
Cycloid gear units generally consist of 3 main equipment.

- Input kit
- Cycloid disc mounting kit
- Output kit

FUNKTIONSPRINZI**Funktionsweise?**

Zykloidgetriebe bestehen im Allgemeinen aus 3 Hauptbausätzen.

- Antriebs-Bausatz
- Montage-Bausatz für Zykloidscheibe
- Abtriebs-Bausatz



Çıkış kiti / Output kit / Abtriebs-Bausatz

Sikloid disk montaj kiti / Cycloid disc mounting kit / Montage-Bausatz für Zykloidscheibe

Giriş kiti / Input kit / Antriebs-Bausatz

Giriş milinden alınan tahrik, eksantrik rulman vasıtasıyla sikloid disklerin burçlar üzerinde yuvarlanarak sikloid dönüş yapmasını sağlar. Disklerin, sikloid hareketi disk çevrelerinde bulunan deliklere geçen tahrik pimleri ve burçları vasıtasıyla düşük devir olarak çıkış miline aktarılır. Tek kademeli sikloid redüktörlerde giriş mili ve çıkış mili dönüş yönleri zıt yönlüdür.

Genel olarak sikloid diskin yuvarlandığı pim sayısı sikloid diskin diş sayısından bir fazladır. Tahvil oranı ise disk üzerindeki sikloid diskin diş sayısına eşittir. Bazı durumlarda tasarım gereği diş sayısından bir fazla olan pim miktarı yarıya düşürülebilmektedir.

2 diskle çalışan sikloid redüktörlerde tork kapasitesini arttıran hassas ve titreşimsiz çalışma sağlayan özel eksantrik rulmanlar kullanılmaktadır.

The drive taken from the input shaft provides the cycloidal rotation to the cycloid discs by rolling on the spacer with help of eccentric bearing. The cycloid movement of the discs is transferred to the output shaft as a low rotation by drive pins which is connected to the discs hollows and spacers. In single-stage cycloidal gearboxes, the rotation directions of the input shaft and output shaft are opposite. If you add one to the number of teeth of the cycloidal disc, you can find the number of pins on which the cycloidal disc is rolled. The ratio number is equal to the number of the teeth of cycloidal disc which is located on disk. In some situations, due to design, the amount of pins which is one more than the number of teeth can be reduced by half. Special eccentric bearings that increase torque capacity and provide sensitive and vibration-free operation are used in cycloid gearboxes working with 2 discs.

Durch den Antrieb der Eingangswelle wälzen sich die Zykloidscheiben mittels der Exzenterlager in einer zyklischen Drehung über die Buchsen. Die zyklische Bewegung der Scheiben wird mit geringer Drehzahl über Bolzen und Buchsen, die in den Löchern im Scheibenumfang stecken, auf die Abtriebswelle übertragen. Bei den einstufigen Zykloidgetrieben sind die Drehrichtungen der Antriebswelle und der Abtriebswelle entgegengesetzt. Im Allgemeinen ist die Anzahl der Bolzen, über die die Zykloidscheibe rollt, um eins größer als die Anzahl der Zykloidscheibenzähne. Das Übersetzungsverhältnis entspricht der Anzahl der Zykloidscheibenzähne. In einigen Fällen kann die Anzahl der Bolzen aufgrund des Designs halbiert werden. 2-Scheiben-Zykloidgetriebe verwenden spezielle Exzenterlager, die für einen präzisen und vibrationsfreien Betrieb sorgen und die Drehmomentkapazität erhöhen.

Malzeme teknik veri

- Gövde: 607...619 arası GG25, 620...627 arası GGG40 malzemenen üretilmektedir. Opsiyonel olarak tüm redüktör gövdeleri GGG40 malzemenen üretilmektedir.
- Çıkış mili malzemesi 1040-1050'dir. Çıkış milleri dövme operasyonuna tabi tutulup dövme işleminden sonra normalizasyon tavlaması yapılarak dövme esnasında oluşan iç gerilmeler giderilir. Rulman ve keçe yatakları yüksek yüzey kalitesinde hassas olarak işlenmektedir.
- Güç aktarım ekipmanları (diskler, burçlar, pimler...) sertleştirilmiş, temperlenmiş, taşlanmış rulman çeliğinden üretilmektedir.
- Serbest giriş milleri 4140 ıslah çeliğinden, Pam adaptörü milleri ise 7131 sementasyon çeliğinden üretilmektedir.
- Keçe bagaları sertleştirilmiş ve keçe çalışma yüzeyi hassas olarak taşlanmaktadır. Bagalar 7131 sementasyon çeliğinden üretilmektedir.
- Yağ keçesi olarak yüksek sızdırmazlık, yüksek sıcaklığa ve sürtünmeye dayanıklılık sağlayan FKM yağ keçeleri kullanılmaktadır.

Material technical information

- Case: For products which case dimension is between 607 and 619, GG-25 material is used, and for products which case dimension is between 620 and 627, GGG-40 material is used. As an option, all gear units case can be produced by GGG-40 material.
- Output shaft material is the 1040-1050. The output shafts are subjected to forging operation and by normalization annealing is performed after forging, and the internal stresses that occur during forging are removed. Bearing and seal carrier are precisionly machined with high surface quality.
- Power transmission equipment (discs, bushings, spacers...) are manufactured from hardened, tempered, grinding bearing steel
- Free input shafts are produced from 4140 tempered steel, and hollow shaft adapter shafts are produced from 7131 cement steel.
- The seal pads are hardened and the seal working surface is grinded precisionly. Thread inserts are produced from 7131 cementation steel.
- FKM oil seals are used as oil seal since the leakage is prevented mostly and resist for high temperature and friction.

Technische Daten des Materials

- Gehäuse 607 - 619 werden aus dem Werkstoff GG25 und Gehäuse 620 - 627 aus dem Werkstoff GGG40 gefertigt. Optional können alle Getriebegehäuse aus Werkstoff GGG40 gefertigt werden.
- Werkstoff der Abtriebswelle ist 1040-1050. Die Abtriebswellen werden einem Schmiedevorgang unterzogen. Nach dem Schmieden erfolgt das Normalisieren, wodurch interne Spannungen, die beim Schmieden entstehen, beseitigt werden. Die Lager- und Dichtungsgehäuse werden präzise in hoher Oberflächengüte bearbeitet.
- Die Kraftübertragungsbauteile (Scheiben, Buchsen, Bolzen...) werden aus gehärtetem, getemperten und geschliffenem Lagerstahl gefertigt.
- Die freien Antriebswellen werden aus 4140 gehärtetem Stahl, die hohlwellen-adaptier-Wellen aus 7131 Einsatzstahl hergestellt.
- Die Dichtungs-Sitzringe sind gehärtet und die Dichtungsarbeitsflächen sind präzise geschliffen. Die Sitzringe sind aus 7131 Einsatzstahl hergestellt.
- Als Öldichtungen werden FKM-Dichtungen verwendet, die eine hohe Undurchlässigkeit aufweisen und hohen Temperaturen und Reibungen standhalten.

Verimlilik

Seçim sayfalarında belirtilen çıkış torku ve gücü aşağıda belirtilen verimlilikler dikkate alınarak hesaplanmaktadır.

- Tek kademeli redüktörlerdeki verim oranı %92'dir.
- Çift kademeli redüktörlerdeki verim oranı %85'dir.

Effizienz

The output torque and power specified in the selection pages are calculated by considering the below mentioned efficiencies.

- The efficiency rate in single-stage gear units is 92%.
- Efficiency rate in double-stage gear units is 85%.

Effizienz

Das in den Auswahltabellen angegebene Abtriebsdrehmoment und die Abtriebsleistung werden basierend auf dem unten aufgeführten Wirkungsgrad berechnet.

- 92% Wirkungsgrad in einstufigen Getrieben.
- 85% Wirkungsgrad in zweistufigen Getrieben.

IT

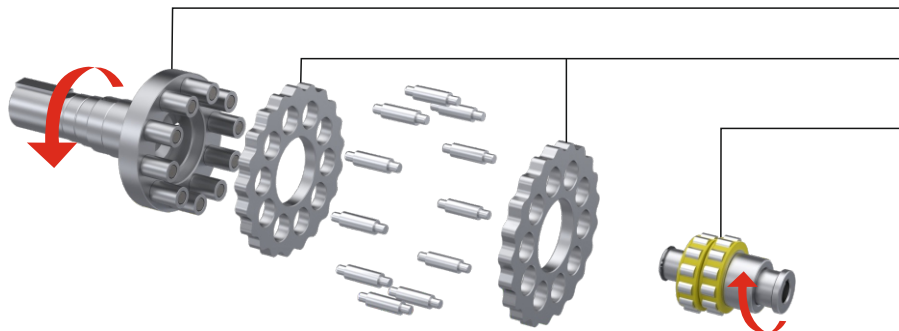
INFORMAZIONI GENERALI

PRINCIPIO DI FUNZIONAMENTO

Come funziona?

I riduttori cicloidi sono generalmente costituiti da 3 componenti principali.

- Kit di ingresso
- Kit di montaggio del disco cicloide
- Kit di uscita



L'azionamento dall'albero di ingresso, tramite un cuscinetto eccentrico, fa sì che i dischi cicloidi rotolino sulle boccole e compiano una rotazione cicloide. Il movimento cicloide dei dischi viene trasferito all'albero di uscita a bassa velocità per mezzo di perni di trasmissione e boccole che passano attraverso i fori nella periferia del disco. Nei riduttori cicloidi monostadio, i sensi di rotazione dell'albero di ingresso e dell'albero di uscita sono opposti.

In generale, il numero di perni su cui viene fatto rotolare il disco cicloide è superiore al numero di ingranaggi del disco cicloide. Il rapporto di legame è pari al numero di ingranaggi del disco cicloide sul disco. In alcuni casi, è possibile dimezzare il numero di perni, che è uno in più rispetto al numero di denti per progetto.

Nei riduttori cicloidi a 2 dischi vengono utilizzati speciali cuscinetti eccentrici per aumentare la capacità di coppia e garantire un funzionamento preciso e privo di vibrazioni.

Dati tecnici del materiale

- Corpo: il materiale tra 607...619 è realizzato in GG25 e il materiale tra 620...627 è realizzato in GGG40. In opzione, tutti i corpi dei riduttori possono essere prodotti in materiale GGG40.
- Il materiale dell'albero di uscita è 1040-1050. Gli alberi di uscita sono sottoposti a forgiatura e, dopo la forgiatura, viene eseguita una ricottura di normalizzazione per eliminare le tensioni interne generate durante la forgiatura. Le sedi dei cuscinetti e delle tenute sono lavorate con precisione e con un'elevata qualità superficiale.
- I dispositivi di trasmissione di potenza (dischi, boccole, perni...) sono realizzati in acciaio per cuscinetti temprato, rinvenuto e rettificato.
- Gli alberi ad entrata libera sono realizzati in acciaio da bonifica 4140, mentre gli alberi Adattatore per albero cavo sono realizzati in acciaio da carburazione 7131.
- Gli inserti in feltro sono temprati e la superficie di lavoro in feltro è rettificata con precisione. Gli inserti sono realizzati in acciaio carburato 7131.
- Gli anelli di tenuta FKM sono utilizzati come anelli di tenuta per l'olio, in grado di garantire un'elevata tenuta e resistenza alle alte temperature e all'attrito.

Produttività

La coppia e la potenza di uscita indicate nelle pagine di selezione sono calcolate tenendo conto dei seguenti rendimenti.

- Il tasso di efficienza dei riduttori monostadio è del 92%.
- Il tasso di efficienza dei riduttori a doppio stadio è dell'85%.

FR

INFORMATIONS GÉNÉRALES

PRINCIPE DE FONCTIONNEMENT

Comment ça fonctionne?

Les réducteurs cycloïdes consistent généralement de 3 équipements principaux:

- Kit d'entrée
- Kit de montage de disque cycloïde
- Kit de sortie

L'entraînement prélevé sur l'arbre d'entrée assure la rotation cycloïdale des disques cycloïdes en roulant sur les douilles au moyen du palier excentrique. Le mouvement cycloïde des disques est transmis à l'arbre de sortie à basse vitesse au moyen des goupilles d'entraînement et des bagues qui passent dans les trous situés autour des disques. Dans les réducteurs cycloïdes à un étage, les sens de rotation de l'arbre d'entrée et de l'arbre de sortie sont opposés.

En général, le nombre de broches sur lesquelles le disque cycloïdal est enroulé est supérieur au nombre de dents du disque cycloïdal. Le rapport de liaison est égal au nombre de dents du disque cycloïde sur le disque. Dans certains cas, le nombre de broches, qui est un de plus que le nombre de dents par conception, peut être divisé par deux. Des roulements excentriques spéciaux qui augmentent la capacité de couple et assurent un fonctionnement sensible et sans vibration sont utilisés dans les boîtes de vitesses cycloïdes fonctionnant avec 2 disques.

Données techniques des matériaux

- Corps: Il est produit à partir de GG25 entre 607...619, GGG40 entre 620...627. En option, tous les corps de réducteur peuvent être fabriqués en matériau GGG40.
- Le matériau de l'arbre de sortie est 1040-1050. Les arbres de sortie sont soumis à une opération de forgeage et un recuit de normalisation après le forgeage, et les contraintes internes qui se produisent pendant le forgeage sont supprimées. Les roulements et les roulements en joint sont usinés avec précision avec une qualité de surface élevée.
- Les équipements de transmission de puissance (disques, bagues, goupilles...) sont fabriqués en acier trempé, trempé et rectifié.
- Les arbres d'entrée libres sont fabriqués à partir d'acier trempé 4140 et les arbres adaptateur d'arbre creux sont fabriqués à partir d'aciers de cémentation 7131.
- Les patins en joint sont durcis et la surface de travail de joint est rectifiée avec précision. Les bagas sont fabriqués à partir d'acier de cémentation 7131.
- Les joints d'huile FKM sont utilisés comme joints d'huile, qui offrent une imperméabilité élevée, une résistance aux températures élevées et au frottement.

Productivité

Le couple et la puissance de sortie spécifiés dans les pages de sélection sont calculés en tenant compte des rendements mentionnés ci-dessous.

- Le taux d'efficacité des réducteurs à un étage est de 92 %.
- Le taux d'efficacité des réducteurs à deux étages est de 85 %.

ES

INFORMACIÓN GENERAL

PRINCIPIO DE FUNCIONAMIENTO

Cómo funciona?

Los reductores cicloides constan generalmente de 3 componentes principales.

- Kit de entrada
- Kit de montaje del disco cicloide
- Kit de salida

Kit di uscita / Kit de sortie / Kit de salida

Kit di montaggio del disco cicloide / Kit de montage de disque cycloïde / Kit de montaje del disco cicloide

Kit di ingresso / Kit d'entrée / Kit de entrada

El accionamiento desde el eje de entrada, mediante un cojinete excéntrico, hace que los discos cicloides rueden sobre los casquillos y realicen una rotación cicloide. El movimiento cicloide de los discos se transmite al eje de salida a baja velocidad por medio de pasadores y casquillos de arrastre que pasan a través de orificios en la periferia del disco. En los reductores cicloides de una etapa, los sentidos de rotación del eje de entrada y del eje de salida son opuestos.

En general, el número de clavijas sobre las que rueda el disco cicloide es uno más que el número de engranajes del disco cicloide. La relación de unión es igual al número de engranajes del disco cicloide en el disco. En algunos casos, se puede reducir a la mitad el número de pasadores, que es uno más que el número de dientes por diseño. En los reductores cicloides de 2 discos, se utilizan rodamientos excéntricos especiales para aumentar la capacidad de par y proporcionar un funcionamiento preciso y sin vibraciones.

Datos técnicos del material

- Cuerpo: El material entre 607...619 es de GG25, y el material entre 620...627 es de GGG40. Opcionalmente, todos los cuerpos de los reductores pueden fabricarse en material GGG40.
- El material del eje de salida es 1040-1050. Los ejes de salida se someten a una operación de forjado y, tras la forja, se realiza un recocido de normalización para eliminar las tensiones internas generadas durante el forjado. Los alojamientos de los rodamientos y las juntas están mecanizados con precisión y con una alta calidad superficial.
- Los equipos de transmisión de potencia (discos, casquillos, pernos...) se fabrican con acero para rodamientos endurecido, templado y rectificado.
- Los ejes de entrada libre son de acero de recuperación 4140 y los ejes adaptador de eje hueco son de acero de carburación 7131.
- Los insertos de fieltro están endurecidos y la superficie de trabajo de fieltro está rectificada con precisión. Los insertos están fabricados en acero carburado 7131.
- Los retenes de aceite de FKM se utilizan como retenes de aceite, que proporcionan alta estanqueidad, alta temperatura y resistencia a la fricción.

Productividad

El par y la potencia de salida indicados en las páginas de selección se calculan teniendo en cuenta los siguientes rendimientos.

- El índice de eficiencia en los reductores de una etapa es del 92%.
- El índice de eficiencia en los reductores de doble etapa es del 85%.

TR

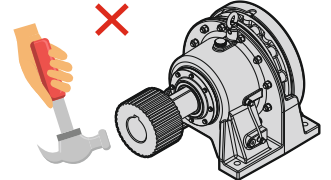
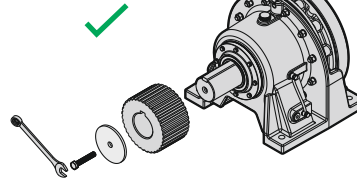
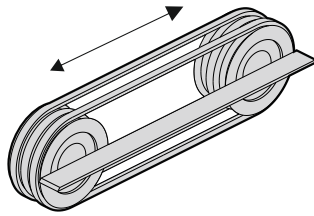
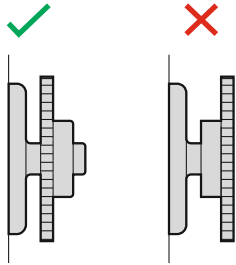
GENEL BİLGİLER

Ortam Sıcaklığı

Standart Sikloid redüktörler -10°C ile +50°C arasındaki ortam sıcaklığında kullanıma uygundur. Bu değerler dışındaki ortam sıcaklıkları için PGR ile iletişime geçiniz.

Tahrik Ekipman Bağlantıları

Kasnak, zincir dişlisi veya pinyon dişlisi mil yataklarına yakın monte edilmelidir. Aşırı yükü ve mil sehimini önlemek için radyal yükün etki noktası kullanıldığı milin merkezine yakın olmalıdır. Kayış veya zincir mekanizmaları fazla gerilmemelidir. Tahrik ekipmanlarının göbek toleransları redüktör çıkış mili çapı ve toleransına uygun olmalıdır.

**Giriş – Çıkış Mili Yük Kontrolü**

Tahrik ekipman bağlantıları kullanılması durumunda kullanılan miller üzerinde radyal kuvvet oluşumları söz konusudur. Radyal yük kapasiteleri yükün bulunduğu konumdan hesaplanmalıdır ve izin verilen radyal yük hesaplamalarıyla karşılaştırılmalıdır.

Load Control of Output - Input Shaft

When the drive equipment connections are used, there will be radial forces on shafts which is used. Capacity of radial loads should be calculated from where the load is placed and need to be compared by the allowable radial load calculations .

Lastkontrolle der Antriebs- und Abtriebswelle

Bei Verwendung von Anschlüssen für Antriebsbauteile wirken radiale Kräfte auf den verwendeten Wellen. Radialtragfähigkeiten müssen aus der Position der Last berechnet werden und mit den zulässigen Radiallasten verglichen werden.

Montaj Şartları

Belirlenen redüktör, talep edilen montaj pozisyonu dikkate alınarak montajı gerçekleştirilmelidir. Standart dışı montaj pozisyonlarında kullanım söz konusu ise yağ miktarlarında değişiklik yapılacağı için PGR ile iletişime geçiniz.

Montage conditions

The selected gear unit should be mounted by considering mounting position. If it is used in non-standard mounting positions, please contact PGR since oil amounts will be changed.

Montageanforderungen

Das angegebene Getriebe muss unter Berücksichtigung der angeforderten Montageposition montiert werden. Bei Verwendung in nicht standardmäßigen Montagepositionen bitte PGR kontaktieren, da sich die Ölmengen ändern.

Yağlama Bilgileri

607...612 arası gövdelerde yağlama gres ile 613...627 arasındaki gövdelerde ise gres, yağ banyosu ve sirkülasyon pompası ile yağlama alternatifleri mevcuttur. Kademe sayısı, tahvil ve montaj pozisyonlarına bağlı olarak yağlama tipleri değişiklik gösterebilmektedir.

Lubrication Informations

The gear units with case dimension between 607 and 612 should be lubricated by grease. The gear units with case dimension between 613 and 627 should be lubricated by grease, oil bath and circulation pump alternatively. The type of lubrication may change according to number of stages, ratio and montage positions.

Information zur Schmierung

Gehäuse 607 bis 612 werden mit Fett geschmiert. Für Gehäuse 613 bis 627 gibt es die Schmieralternativen Fett, Ölbad und Zirkulationspumpe. Abhängig von Stufenanzahl, Übersetzungsverhältnis und Montageposition kann die Art der Schmierung variieren.

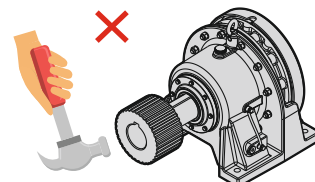
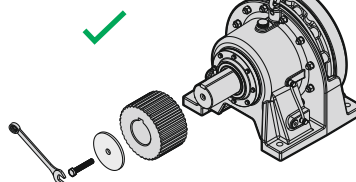
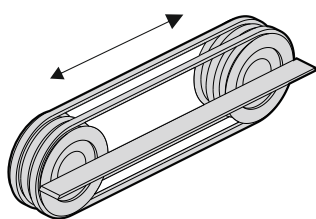
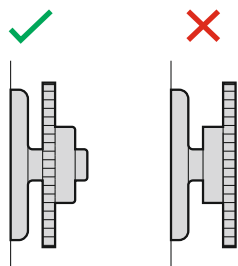
IT INFORMAZIONI GENERALI

Temperatura ambiente

I riduttori cicloidi standard sono adatti all'uso a temperature ambiente comprese tra -10°C e +50°C. Per temperature ambiente diverse da questi valori, contattare PGR.

Collegamenti delle apparecchiature di azionamento

La puleggia, la corona o il pignone devono essere montati vicino ai cuscinetti dell'albero. Per evitare il sovraccarico e la deflessione dell'albero, il punto di azione del carico radiale deve essere vicino al centro dell'albero su cui viene utilizzato. I meccanismi a cinghia o a catena non devono essere sollecitati eccessivamente. Le tolleranze del mozzo del dispositivo di azionamento devono essere conformi al diametro e alla tolleranza dell'albero di uscita del riduttore.



Ingresso - Uscita Controllo del carico dell'albero

Nel caso delle connessioni dei dispositivi di azionamento, si generano forze radiali sugli alberi su cui vengono utilizzati. Le capacità di carico radiale devono essere calcolate in base alla posizione del carico e confrontate con i calcoli del carico radiale ammissibile.

Requisiti per l'installazione

Il riduttore specificato deve essere montato in base alla posizione di montaggio richiesta. In caso di utilizzo in posizioni di montaggio non standard, contattare PGR poiché le quantità di olio saranno modificate.

Informazioni sulla lubrificazione

Per i corpi 607...612 lubrificazione a grasso e per i corpi 613...627 lubrificazione a grasso, sono disponibili alternative a bagno d'olio e pompa di circolazione. A seconda del numero di stadi, dei legami e delle posizioni di montaggio, i tipi di lubrificazione possono variare.

FR INFORMATIONS GÉNÉRALES

Température ambiante

Les réducteurs cycloïdaux standard conviennent à une utilisation à des températures ambiantes comprises entre -10°C et +50°C. Pour des températures ambiantes autres que ces valeurs, contactez PGR.

Connexions de l'équipement d'entraînement

La poulie, le pignon ou le pignon doivent être montés à proximité des roulements. Le point d'impact de la charge radiale doit être proche du centre de l'arbre où il est utilisé, pour éviter la surcharge et la déviation de l'arbre. Les mécanismes de courroie ou de chaîne ne doivent pas être surchargés. Les tolérances du moyeu de l'équipement d'entraînement doivent être conformes au diamètre et à la tolérance de l'arbre de sortie de la boîte de vitesses.

Contrôle de la charge de l'arbre d'entrée et de sortie

En cas d'utilisation de connexions d'équipement d'entraînement, il y a des formations de force radiale sur les arbres où il est utilisé. Les capacités de charge radiale doivent être calculées à partir de l'emplacement de la charge et comparées aux calculs de charge radiale admissible.

Conditions de montage

Le réducteur spécifié doit être monté en tenant compte de la position de montage demandée. S'il est utilisé dans des positions de montage non standard, veuillez contacter PGR car les quantités d'huile seront modifiées.

Informations sur la lubrification

Il existe des alternatives de graisse lubrifiante pour les corps 607...612 et des alternatives de lubrification pour les corps 613...627 avec graisse, bain d'huile et pompe de circulation. Les types de lubrification peuvent varier en fonction du nombre d'étages, de liaisons et de positions de montage.

ES INFORMACIÓN GENERAL

Temperatura ambiente

Los reductores cicloides estándar son adecuados para su uso a temperaturas ambiente entre -10 °C y +50 °C. Para temperaturas ambiente diferentes a estos valores, por favor contacte a PGR.

Conexiones de equipos de accionamiento

La polea, la rueda dentada o el piñón deben montarse cerca de los rodamientos del eje. Para evitar la sobrecarga y la desviación del eje, el punto de acción de la carga radial debe estar cerca del centro del eje en el que se utiliza. Los mecanismos de correas o cadenas no deben ser sometidos a un esfuerzo excesivo. Las tolerancias del cubo del equipo de accionamiento deben cumplir con el diámetro y la tolerancia del eje de salida del reductor.

Control de carga del eje de entrada y salida

En el caso de las conexiones de equipos de accionamiento, se generan fuerzas radiales en los ejes en los que se utilizan. Las capacidades de carga radial deben calcularse a partir de la posición de la carga y compararse con los cálculos de carga radial admisible.

Requisitos de instalación

El reductor especificado debe montarse de acuerdo con la posición de montaje solicitada. En caso de uso en posiciones de montaje no estándar, por favor, póngase en contacto con PGR, ya que las cantidades de aceite serán modificadas.

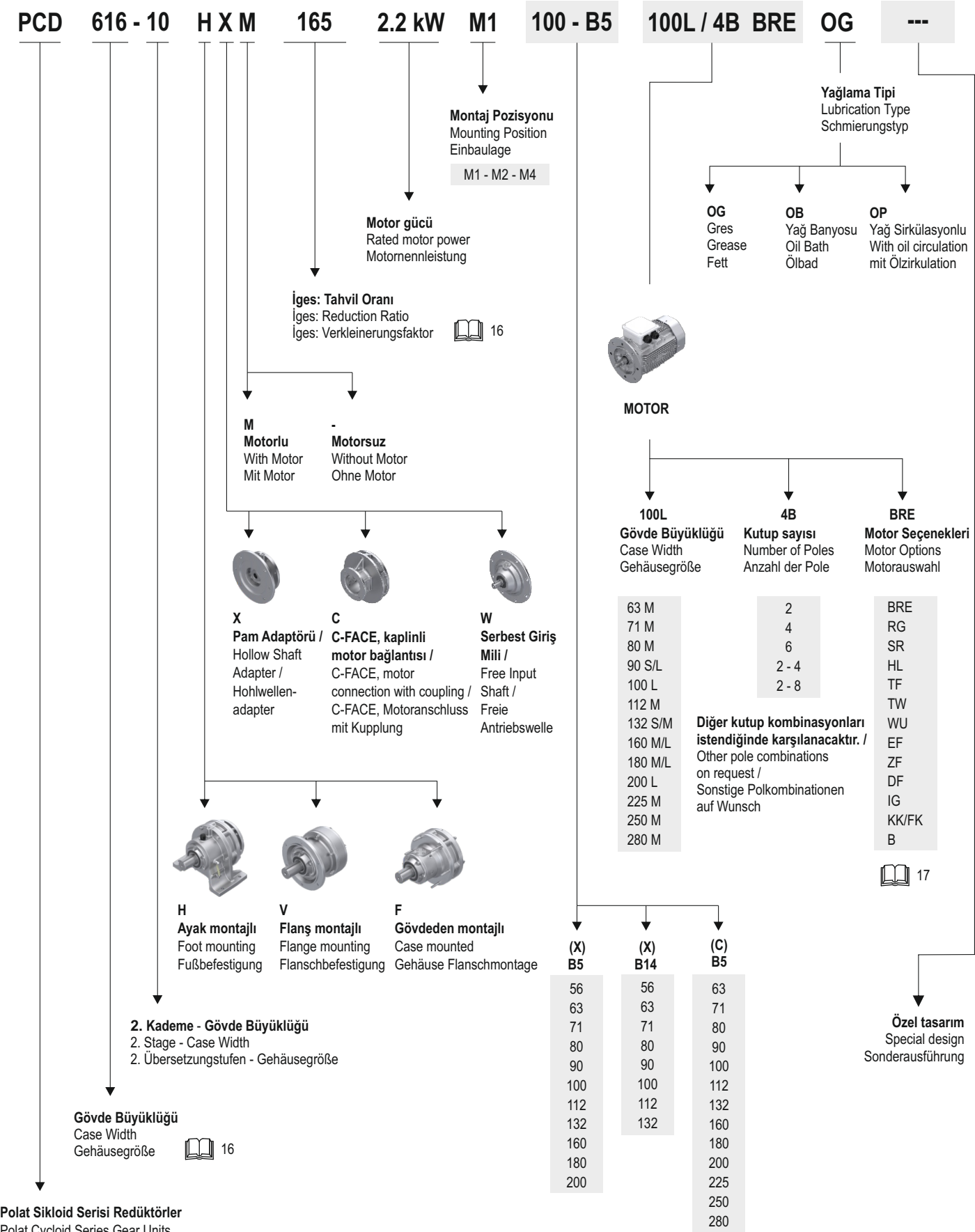
Información sobre la lubricación

Para los cuerpos 607...612 lubricación con grasa y para los cuerpos 613...627 lubricación con grasa, existen alternativas de baño de aceite y bomba de circulación. Dependiendo del número de etapas, de las uniones y de las posiciones de montaje, los tipos de lubricación pueden variar.

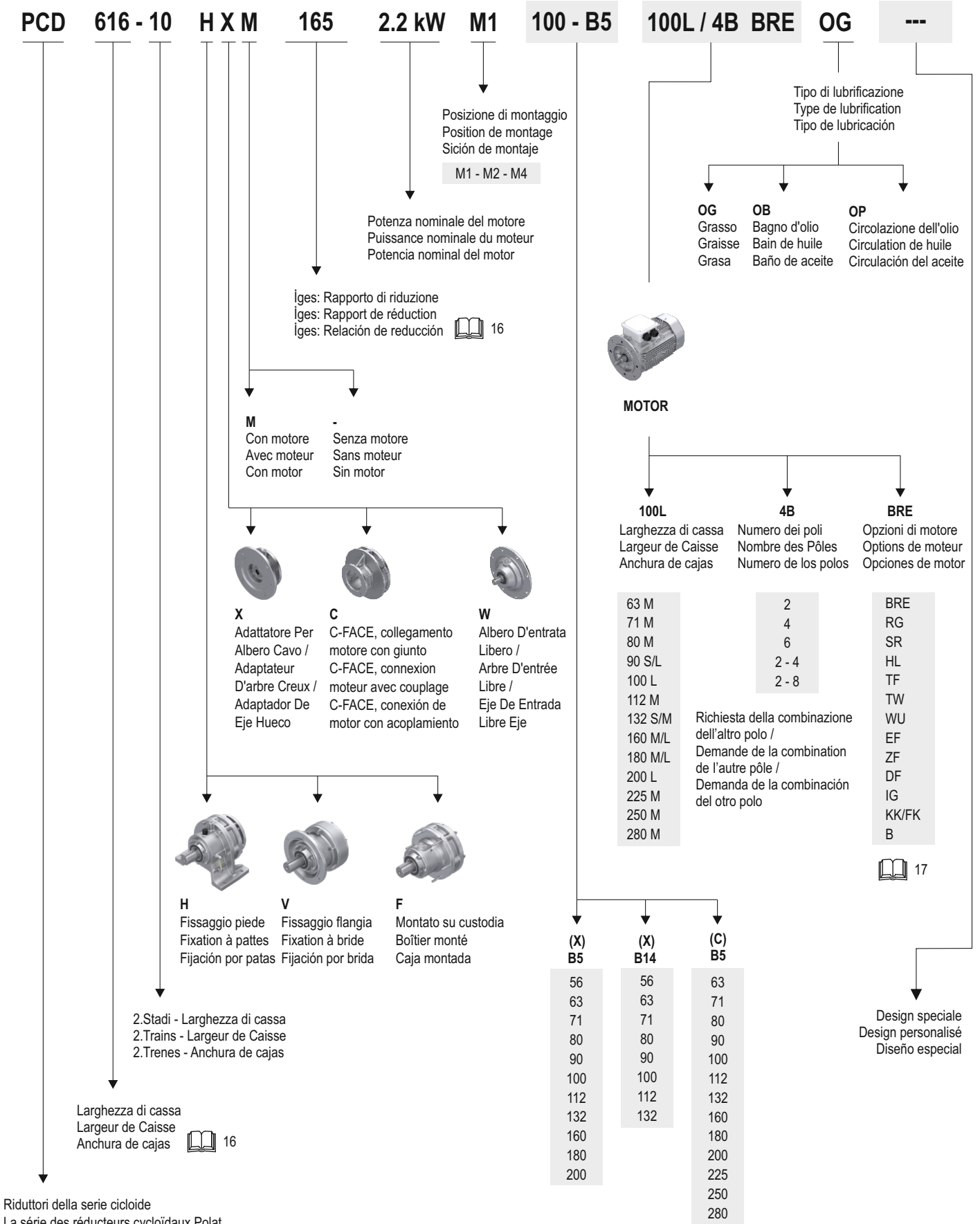
| TR | SEMBOLLER | EN | SYMBOLS | DE | ZEICHEN |
|------------------|---|------------------|---|------------------|---|
| P1 | [kW] Nominal motor gücü | P1 | [kW] Rated motor power | P1 | [kW] Nennleistung des Antriebsmotors |
| P1 max | [kW] Maximum motor gücü | P1 max | [kW] Maximum motor power | P1 max | [kW] Maximale Motorleistung |
| n1 | [min ⁻¹] Giriş devri | n1 | [min ⁻¹] Input speed | n1 | [min ⁻¹] Antriebsdrehzahl |
| n2 | [min ⁻¹] Çıkış devri | n2 | [min ⁻¹] Output speed | n2 | [min ⁻¹] Abtriebsdrehzahl |
| M2 | [Nm] Çıkış momenti | M2 | [Nm] Output torque | M2 | [Nm] Abtriebsdrehmoment |
| M2 max | [Nm] Maximum çıkış momenti | M2 max | [Nm] max. allowable output torque | M2 max | [Nm] max. zulässiges Abtriebsdrehmoment |
| f _B | Gerçek servis faktörü | f _B | Real Service Factor | f _B | Echter Betriebsfaktor |
| f _{B1} | İhtiyaç duyulan servis faktörü | f _{B1} | Required Service Factor | f _{B1} | Erforderlicher Betriebsfaktor |
| İ _{ges} | Toplam tahvil oranı | İ _{ges} | Total reduction ratio | İ _{ges} | Anzugsstromverhältnis |
| İ ₁ | Birinci kademedeki tahvil oranı | İ ₁ | Reduction ratio 1st stage | İ ₁ | Getriebeübersetzung der 1.Stufe |
| İ ₂ | İkinci kademedeki tahvil oranı | İ ₂ | Reduction ratio 2nd stage | İ ₂ | Getriebeübersetzung der 2.Stufe |
| FR ₁ | [N] Giriş mili radyal yükü | FR ₁ | [N] Input shaft radial load | FR ₁ | [N] Radiallast der Antriebswelle |
| FR ₂ | [N] Çıkış mili radyal yükü | FR ₂ | [N] Output shaft radial load | FR ₂ | [N] Radiallast der Abtriebswelle |
| FA ₂ | [N] Çıkış mili aksel yükü | FA ₂ | [N] Output shaft axial load | FA ₂ | [N] Axiallast der Abtriebswelle |
| FR _q | Eşdeğer radyal yük | FR _q | Equivalent Radial Load | FR _q | Äquivalent Radialbelastung |
| P _{ef} | İhtiyaç duyulan güç | P _{ef} | Required Power | P _{ef} | Erforderlicher Kraft |
| M _{ef} | İhtiyaç duyulan moment | M _{ef} | Required Torque | M _{ef} | Erforderlicher Drehmoment |
| P _q | Eşdeğer güç | P _q | Equivalent Power | P _q | Äquivalent Kraft |
| M _q | Eşdeğer moment | M _q | Equivalent Torque | M _q | Äquivalent Drehmoment |
| f _L | Yük konumu için düzeltme faktörü | f _L | Correction factor for load place | f _L | Korrekturfaktor für die Lastposition |
| f _z | Bağlantı tipi için düzeltme faktörü | f _z | Correction factor for type of connection | f _z | Korrekturfaktor für die Antriebsart |
| d _o | [mm] Tahrik elemanının bölüm daire çapı | d _o | [mm] Pitch circle diameter of the drive element | d _o | [mm] Teilkreisdurchmesser des Antriebs-elementes |
| J _C | Redüktör giriş mili atalet momenti | J _C | Input shaft of gear unit moment of inertia | J _C | Trägheitsmoment der Getriebeantriebswelle |
| J _{C1} | Birinci kademedeki atalet momenti | J _{C1} | Single stage moment of inertia | J _{C1} | Einstufig, Trägheitsmoment |
| J _{C2} | İkinci kademedeki atalet momenti | J _{C2} | Double stage moment of inertia | J _{C2} | Zweistufig, Trägheitsmoment |
| J _M | Motorlu redüktör giriş mili atalet momenti | J _M | Input shaft of motor gear unit moment of inertia | J _M | Trägheitsmoment der antriebswelle für getriebe mit motor |
| GR1 | Güçlendirilmiş rulmanlı redüktör | GR1 | Gear unit with reinforced bearing | GR1 | Getriebe mit verstärktem Lager |
| GR2 | Güçlendirilmiş rulmanlı ve sfero dökme demir gövdeli redüktör | GR2 | Gear unit with reinforced bearing and sfero cast iron case gear units | GR2 | Getriebe mit verstärktem Lager und Gehäuse aus Sphäroguss |

| IT | SIMBOLOGIA | | FR | SYMBOLES | | ES | SIMBOLOGIA | |
|------------------|----------------------|---|------------------|----------------------|--|------------------|----------------------|--|
| P1 | [kW] | Potenza nominale del motore | P1 | [kW] | Puissance nominale du moteur | P1 | [kW] | Potencia nominal del motor |
| P1 max | [kW] | Massima potenza del motore | P1 max | [kW] | Puissance maximale du moteur | P1 max | [kW] | la potencia maxima del motor |
| n1 | [min ⁻¹] | Velocità di ingresso | n1 | [min ⁻¹] | Vitesse d'entrée | n1 | [min ⁻¹] | Velocidad de entrada |
| n2 | [min ⁻¹] | Velocità di uscita | n2 | [min ⁻¹] | Vitesse de sortie | n2 | [min ⁻¹] | Velocidad de salida |
| M2 | [Nm] | Coppia di uscita | M2 | [Nm] | Couple de sortie | M2 | [Nm] | Par de salida |
| M2 max | [Nm] | max. Coppia di uscita ammissibile | M2 max | [Nm] | maximum couple de sortie admissible | M2 max | [Nm] | máximo. Par de salida admisible |
| fB | | Fattore operativo reale | fB | | Facteur de service réel | fB | | Factor de servicio real |
| fB1 | | Fattore di servizio richiesto | fB1 | | Facteur de service requis | fB1 | | Factor de servicio requerido |
| l _{ges} | | Totale obbligazioni | l _{ges} | | ratio de réduction total | l _{ges} | | Total de Bonos |
| i ₁ | | Obbligazione Fase 1 | i ₁ | | Ratio de réduction 1.niveau | i ₁ | | Etapas de la adhesión 1 |
| i ₂ | | Obbligazione Fase 2 | i ₂ | | ratio de réduction 2.niveau | i ₂ | | Etapas de la adhesión 2 |
| FR1 | [N] | Carico radiale dell'albero di ingresso | FR1 | [N] | Charge radiale de l'arbre d'entrée | FR1 | [N] | Carga radial del eje de entrada |
| FR2 | [N] | Carico radiale dell'albero di uscita | FR2 | [N] | Charge radiale de l'arbre de sortie | FR2 | [N] | Carga radial del eje de salida |
| FA2 | [N] | Carico assiale dell'albero di uscita | FA2 | [N] | Charge axiale de l'arbre de sortie | FA2 | [N] | Carga axial del eje de salida |
| FR _q | | Carico radiale equivalente | FR _q | | Charge radiale équivalente | FR _q | | Carga radial equivalente |
| P _{ef} | | Potenza richiesta | P _{ef} | | La puissance nécessaire | P _{ef} | | Potencia requerida |
| M _{ef} | | Coppia richiesta | M _{ef} | | Moment nécessaire | M _{ef} | | Momento requerida |
| P _q | | Potenza equivalente | P _q | | puissance équivalente | P _q | | Potencia equivalente |
| M _q | | Coppia equivalente | M _q | | Moment équivalent | M _q | | Momento equivalente |
| f _L | | Fattore di correzione per la posizione del carico | f _L | | Facteur de correction f _L pour la position de la charge | f _L | | Factor de corrección de la posición de carga |
| f _z | | Fattore di correzione per il tipo di connessione | f _z | | Facteur de correction pour le type de connexion | f _z | | Factor de corrección para el tipo de conexión |
| d _o | [mm] | Diametro del cerchio del passo dell'elemento di azionamento | d _o | [mm] | Diamètre du cercle primitif de l'élément d'entraînement | d _o | [mm] | Diámetro del círculo primitivo del elemento de accionamiento |
| J _C | | Momento d'inerzia dell'albero d'ingresso del riduttore | J _C | | Moment d'inertie de l'arbre d'entrée de la boîte de vitesses | J _C | | Momento de inercia del eje de entrada del reductor |
| J _{C1} | | Momento d'inerzia del singolo stadio | J _{C1} | | Moment d'inertie à un étage | J _{C1} | | Momento de inercia de una etapa |
| J _{C2} | | Momento d'inerzia a due stadi | J _{C2} | | Moment d'inertie à deux étages | J _{C2} | | Momento de inercia de dos etapas |
| J _M | | Momento d'inerzia dell'albero d'ingresso del riduttore del motore | J _M | | Moment d'inertie de l'arbre d'entrée du motoréducteur | J _M | | Momento de inercia del eje de entrada del motorreductor |
| GR1 | | Riduttore con cuscinetti rinforzati | GR1 | | Réducteur de roulement renforcé | GR1 | | Reductor con rodamientos reforzados |
| GR2 | | Riduttore con cuscinetti rinforzati e carcassa in ghisa duttile | GR2 | | Réducteur avec palier renforcé et corps en fonte ductile | GR2 | | Reductor con rodamientos reforzados y carcasa de fundición |

TR SİPARİŞ ÖRNEĞİ **EN** EXAMPLE FOR ORDERING **DE** BEISPIEL BESTELLBESCHREIBUNG



IT ESEMPIO DI ORDINAZIONE **FR** EXEMPLE DE COMMANDE **ES** EJEMPLO ORDEN DE COMPRA



| | |
|----|------------------------|
| TR | SİPARİŞ ÖRNEĞİ |
| IT | ESEMPIO DI ORDINAZIONE |

| | |
|----|----------------------|
| EN | EXAMPLE FOR ORDERING |
| FR | EXEMPLE DE COMMANDE |

| | |
|----|------------------------------|
| DE | BEISPIEL BESTELLBESCHREIBUNG |
| ES | EJEMPLO ORDEN DE COMPRA |

Gövde Büyüklüğü / Case Width / Gehäusegröße / Larghezza di cassa / Largeur de Caisse / Anchura de cajas

| Tek kademeli / single reduction / einstufig / Singolo stadio / 1.étage / Etapa única | | | | | | | | | | |
|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 607 | 608 | 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 | 617 |
| 618 | 619 | 620 | 621 | 622 | 623 | 624 | 625 | 626 | 627 | |

| İki kademeli / double reduction / zweistufig / A due stadi / 2.étage / Dos etapas | | | | | | | | | | |
|---|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 607 - 07 | 608 - 07 | 609 - 08 | 610 - 08 | 611 - 08 | 613 - 08 | 614 - 08 | 616 - 09 | 617 - 09 | 618 - 10 | 619 - 11 |
| | | | | 611 - 09 | 613 - 09 | 614 - 09 | 616 - 10 | 617 - 10 | 618 - 13 | 619 - 13 |
| | | | | | 613 - 10 | 614 - 10 | 616 - 11 | 617 - 11 | | |
| 620 - 11 | 621 - 13 | 622 - 13 | 623 - 16 | 624 - 16 | 625 - 17 | 626 - 19 | 627 - 19 | | | |
| 620 - 13 | 621 - 16 | 622 - 17 | 623 - 18 | 624 - 18 | 625 - 19 | | | | | |

Tahvil Oranı / Reduction Ratio / Verkleinerungsfaktor / Rapporto di riduzione / Rapport de réduction / Relación de reducción

| Tek kademeli / single reduction / einstufig / Singolo stadio / 1.étage / Etapa única | | | | | | | | | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--|
| 6 | 8 | 11 | 13 | 15 | 17 | 21 | 25 | 29 | 35 | |
| 43 | 51 | 59 | 71 | 87 | 119 | | | | | |
| İki kademeli / double reduction / zweistufig / A due stadi / 2.étage / Dos etapas | | | | | | | | | | |
| 102* (17x6) | 104 (13x8) | 121 (11x11) | 143 (13x11) | 165 (15x11) | 174* (29x6) | 187* (17x11) | 195 (15x13) | 210* (35x6) | 231 (21x11) | |
| 258* (43x6) | 273 (21x13) | 289* (17x17) | 319 (29x11) | 354* (59x6) | 357 (21x17) | 377 (29x13) | 385* (35x11) | 425 (25x17) | 435* (29x15) | |
| 473 (43x11) | 493* (29x17) | 522* (87x6) | 525 (25x21) | 559 (43x13) | 595 (35x17) | 649 (59x11) | 731 (43x17) | 841* (29x29) | 957* (87x11) | |
| 1003* (59x17) | 1131* (87x13) | 1225* (35x35) | 1247* (43x29) | 1479* (87x17) | 1505* (43x35) | 1711* (59x29) | 1849* (43x43) | 2065* (59x35) | 2193* (51x43) | |
| 2537* (59x43) | 3045* (87x35) | 3481* (59x59) | 3741* (87x43) | 4437* (87x51) | 5133* (87x59) | 6177* (87x71) | 7569* (87x87) | | | |

* ile işaretlenmiş standart dışı tahviller talep üzerine verilebilir. / Non-standard ratios which is marked with * may be available if they are requested. / Mit * gekennzeichnete nicht standardmäßige Übersetzungsverhältnisse können nach Anfrage angeboten werden / I titoli non standard contrassegnati con * possono essere emessi su richiesta. / * Les liaisons non standard sont disponibles sur demande. / Las fianzas no estándar marcadas con * pueden emitirse a petición del interesado.

| | | | | | |
|----|---------------------|----|--------------|----|--------------|
| TR | KULLANILAN TERİMLER | EN | NOMENCLATURE | DE | NOMENKLATUR |
| IT | NOMENCLATURA | FR | NOMENCLATURE | ES | NOMENCLATURA |

| | |
|--|---|
| <p>Giriş Seçenekleri Input Options Eingabeoptionen opzioni di ingresso options d'entrée opciones de entrada</p> | <p>W = Motorsuz girişli redüktörler için / Input shaft versions / Ausführungen mit antriebsvollwelle / Versioni con albero maschio in ingresso / Version avec arbre en entrée / Versión con eje macho de entrada.</p> <p>C = DIN 42677' ye göre standart motorlar için / Fitted for motor mounting with flexible coupling. Die Verbindung Motor Getriebe erfolgt über Kupplung. / Predisposto per attacco motore con giunto. Prédisposé pour montage moteur avec joint. / Predisposto para montaje motor con acoplamiento.</p> <p>X = Motor bağlantısı için / Fitted for motor coupling / Für motoranbau vorbereitet / Predisposto per attacco motore Prédisposé pour montage moteur standard / Predisposto para montaje motor</p> <p>T = Turbo kaplin / Turbo coupling / Turbokupplung / Turbogunto / Coupleur hydraulique / Turboacoplador</p> |
| <p>Motor Motor Motor Motore Moteur Motor</p> | <p>Üç fazlı motor, Motor boyutu 63 - 225 / Three phase motor Motor size 63 - 225 / Drehstrommotor Motorgröße 63 - 225 / Motori trifase, Grandezza 63 - 225 / Motore thriphasé, taille moteur 63 - 225 / Motores trifásicos, Tamaño de carcasas 63 - 225</p> |
| <p>Kutup Numarası Number of Poles Anzahl der Pole Numero dei poli Nombre des Pôles Numero de los polos</p> | <p>2 = 2 Kutuplu / 2 Poles / 2 Pole / 2 Pôles / 2 Polos</p> <p>4 = 4 Kutuplu / 4 Poles / 4 Pole / 4 Pôles / 4 Polos</p> <p>6 = 6 Kutuplu / 6 Poles / 6 Pole / 6 Pôles / 6 Polos</p> <p>Diğer Kutup kombinasyonları istendiğinde karşılanacaktır. Other pole combinations on request / Sonstige Polkombinationen auf Wunsch / Richiesta della combinazione dell'altro polo/ Demande de la combinaison de l'autre pôle / Demanda de la combinación del otro polo</p> |
| <p>Motor Seçenekleri Motor Options Motorauswahl Opzioni di motore Options de moteur Opciones de motor</p> | <p>BRE = Frenli / With brake / mit Bremsen / Freno / avec frein / Freno</p> <p>EF = Tek fazlı, fanlı / Separate fan, single phase / Separate Lüfter, einphasig / Ventilatore separato, monofase / Ventilateur séparé, une phase / Ventilador por separado de una sola fase</p> <p>ZF = Çift fazlı, fanlı / Separate fan, double phase / Separate Lüfter, Doppel-phase / Ventilatore separato, doppia fase Ventilateur séparé, double-phase / Ventilador por separado, de doble fase</p> <p>DF = Üç fazlı, fanlı / Separate fan, three phase / Separate Lüfter, drei-phase / Ventilatore separato, trifase / Ventilateur séparé, trois phases / Ventilador por separado, tres de fase</p> <p>IG = Enkoderli / With encoder / mit Encoder / Con encoder / avec codeur / con codificador</p> <p>KK/FK = Debriyajlı / With clutches / Mit Kupplungs / Con frizioni / embrayage / embrague</p> <p>SR = Toza karşı korumalı fren / Brake dust - proof / Staubgeschützte Bremse / Freno a prova di polvere / Frein à l'épreuve de la poussière / De frenos a prueba de polvo</p> <p>TF = Termistörlü / Thermistor / Thermistor / Termistore / Thermistance / Termistor</p> <p>RG = Korozyon korumalı frenli / Brake corrosion - protected / Mit Korrosionsschutzbremse / Freno resistente alla corrosione / Frein à la corrosion protégées / Freno protegida contra la corrosión</p> <p>WU = Yumuşak kalkışlı rotor / Soft start rotor / Sanftanlauf-rotor / Soft start rotore / Démarrage en douceur du rotor Soft desde el rotor</p> <p>B = Geri dönmeye karşı kilitli / Backstop / Rücklauf Sperre / Bloccato contro il ritorno / Verrouillé contre le retour Bloqueado en contra de devolución</p> <p>TW = Isiya duyarlı / Thermal trip / Temperatursicherung / Un sensible al calore / A sensible à la chaleur / Un sensible al calor</p> <p>HL = Manuel frenli motor / Brake motor with hand release / Handbremsmotoren / Motore autofrenante mano / Moteur de frein à main / motores freno manuales</p> |

TR

MONTAJ POZİSYONLARI

EN

MOUNTING POSITIONS

DE

EINBAULAGE

| | H Ayak montajlı / Foot mounting / Fußbefestigung | V Flanş montajlı / Flange mounting / Flanschbefestigung | F Gövde montajlı / Case mounted / Gehäuse Flanschmontage |
|----|---|--|---|
| M1 | | | |
| M2 | | | |
| M4 | | | |
| MX | | | |

MX :Standart dışı montaj pozisyonu (607 - 612)

* 607 ile 612 gövde büyüklüğündeki redüktörler standart dışı montaj pozisyonlarına uygundur.

* 613 ve üzeri redüktörlerin standart dışı montaj pozisyonlarında sadece gres ile yağlama yapılır. PGR ile iletişime geçiniz.

- Tabloda verilen montaj pozisyonları X, C ve W bağlantılı redüktörler içinde geçerlidir.

MX :Nonstandart montage position (607 - 612)

* The gear units with case dimension between 607 and 612 are suitable for nonstandart mounting position.

* At case dimensions above 613, for nonstandart mounting positions, lubrication need to done by only grease. Please consult to PGR

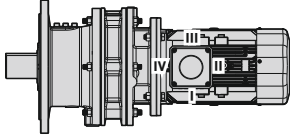
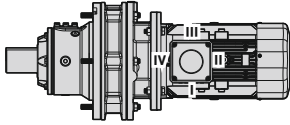
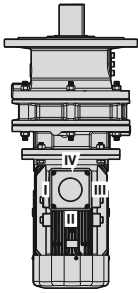
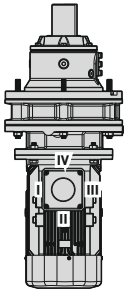
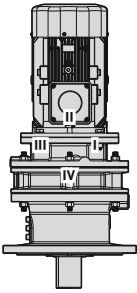
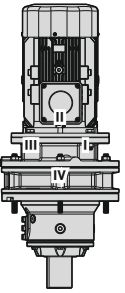
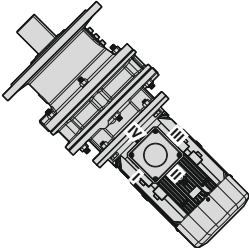
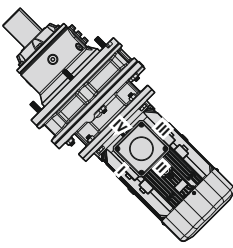
- The mounting positions which is given at table are also valid for X, C, W connected gear units.

MX :Nicht standardmäßige Montageposition (607 - 612)

* Getriebe mit den Gehäusen 607 und 612 sind für nicht standardmäßige Montagepositionen geeignet.

* Bei nicht standardmäßigen Einbaulagen der Getriebe 613 und größer erfolgt die Schmierung nur mit Fett. Kontaktieren Sie PGR für weitere Informationen.

- Die in den Tabellen angegebenen Montagepositionen gelten für X, C und W angeschlossene Getriebe.

| IT | FR | ES |
|--|---|---|
| PIAZZAMENTO | POS. DE MONTAGE | POS. DE MONTAJE |
| H | V | F |
| Fissaggio piede / Fixation à pattes / Fijación por patas | Fissaggio flangia / Fixation à bride / Fijación por brida | montato su custodia / boîtier monté / caja montada |
| M1 |  |  |
| M2 |  |  |
| M4 |  |  |
| MX |  |  |

MX :Posizione di montaggio non standard (607 - 612)

* I riduttori con dimensioni della carcassa da 607 a 612 sono adatti a posizioni di montaggio non standard.

* Le posizioni di montaggio non standard dei riduttori 613 e superiori sono lubrificate solo con grasso. Contatta PGR.
- Le posizioni di montaggio indicate nella tabella sono valide per i riduttori con attacco X, C e W .

MX :Position de montage non standart (607 - 612)

* Les tailles des réducteurs (607 - 612) conviennent aux positions de montage non standart

* Dans les positions de montage non standart des réducteurs 613 et supérieurs, la lubrification est faite seulement avec de la graisse. Contactez PGR pour plus d'informations.

- Les positions de montage indiquées dans le tableau sont valables pour les réducteurs avec connexion X, C et W

MX :Posición de montaje no estándar (607 - 612)

* Los reductores con tamaños de carcasa 607 a 612 son adecuados para posiciones de montaje no estándar.

* Las posiciones de montaje no estándar de las cajas de engranajes 613 y superiores solo se lubrifican con grasa. Comuníquese con la PGR.

- Las posiciones de montaje indicadas en la tabla son válidas para reductores con conexión X, C y W.

TR MONTAJ POZİSYONLARI

- Sipariş sırasında özel istekleriniz olacaksa şekilde gösterildiği üzere terminal kutusunun pozisyonunu belirtiniz.
- Aksi belirtilmediği takdirde standart pozisyon M1'dir.
- Aksi belirtilmediği takdirde redüktörlerin klemens kutusu pozisyonu 1 olarak verilir.
- Öngörülen montaj pozisyonları dışında kalan durumlar için teknik servisimize danışınız.

EN MOUNTING POSITIONS

- In the case of specific requirements, when ordering, specify the position of the terminal box as shown in the diagram.
- Unless specified otherwise, the standard positions are M1.
- Unless other wise specified, the gear unit is supplied with terminal box in position 1.
- For positions not envisaged, it is necessary to call our Technical Service.

DE EINBAULAGE

- Im Falle von Sonderanforderungen ist bei Auftragserteilung die Lage des Klemmkastens gemäß dem schema genau anzugeben.
- Falls nicht anders angegeben, sind M1 die Standardeinbautagen.
- Sofern nichts gegenteiliges angegeben, wird der Schneckengetriebemotor mit Klemmkastenlage 1 geliefert.
- Für nicht angegebene Einbautagen setzen sie sich bitte mit unserem Kundendienst in Verbindung.

IT PIAZZAMENTO

- Nel caso di particolari esigenze specificare in fase di ordine la posizione della morsetteria come da schema.
- Se non diversamente specificato le posizioni standard sono M1.
- Se non diversamente specificato, il gruppo viene fornito con morsetti in pos.1.
- Per le posizioni di piazzamento non previste to call our Technical Service.

FR POS. DE MONTAGE

- En cas d'exigences particulières, spécifier, lors de la commande, la position du bornier comme d'après le schéma.
- Si non spécifié, les positions standard sont M1.
- Sauf indications contraires, le réducteur est fourni avec boîte à borne en position 1.
- Pour les positions de montage non prévues, contacter notre S.ce technique.

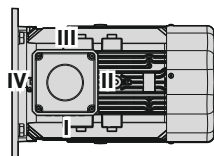
ES POS. DE MONTAJE

- En caso de exigencias particulares, detallar en el pedido, la posición de la caja de bornes según el esquema.
- Si no se especifica el contrario, las posiciones estándar son M1.
- Si non esta diferentemente especificado, el motorreductor se monta con la caja de bornes en posición 1.
- Para las posiciones de montaje no previstas, es necesario ponerse en contacto con nuestro Servicio técnico.

TERMINAL KUTUSU VE KABLO GİRİŞ YÖNLERİ / POSITION OF TERMINAL BOX AND CABLE ENTRY / KLEMMKASTENLAGE UND KABELFÜHRUNG / POSIZIONE MORSETTIERA E INGRESSO CAVI / POSITION DE LA BOÎTE À BORNES ET DE L'ENTRÉE DE CÂBLE / POSICIÓN DE LA CAJA DE TERMINALES Y ENTRADA DE CABLES

| | H | V | F |
|----|---|---|---|
| M1 | | | |
| M2 | | | |
| M4 | | | |

- * 1 - 2 - 3 - 4 : Terminal kutusu yönlerini gösterir.
- * 1 - 2 - 3 - 4 : Shows terminal box position
- * 1 - 2 - 3 - 4 : Zeigt die Position des Klemmkastens an
- * 1 - 2 - 3 - 4 : Mostra la posizione della morsettiara
- * 1 - 2 - 3 - 4 : Affiche la position de la boîte à bornes
- * 1 - 2 - 3 - 4 : Muestra la posición de la caja de terminales



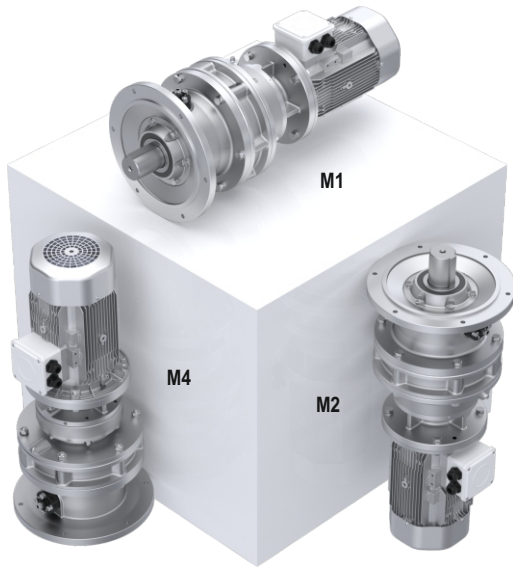
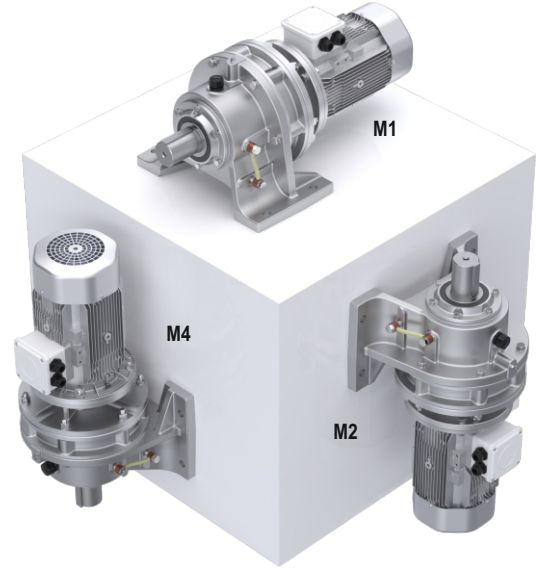
- * I - II - III - IV : Kablo giriş yönlerini gösterir.
- * I - II - III - IV : Shows cable entry position
- * I - II - III - IV : Zeigt die kabeleinführungposition an
- * I - II - III - IV : Mostra la posizione di ingresso del cavo
- * I - II - III - IV : Indique la position d'entrée du câble
- * I - II - III - IV : Muestra la posición de entrada del cable

TR MONTAJ POZİSYONLARI
IT PIAZZAMENTO

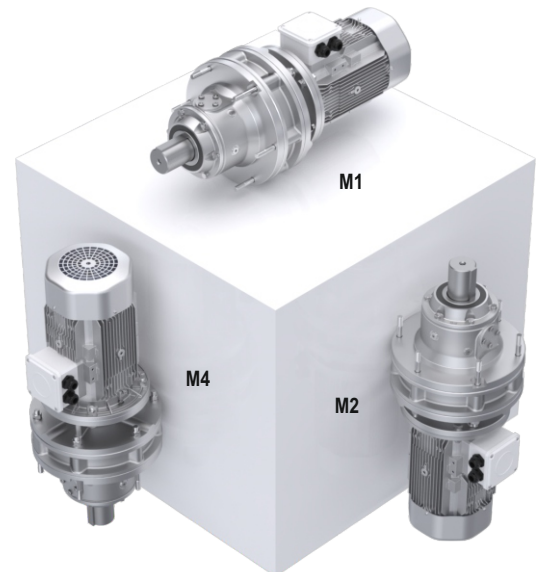
EN MOUNTING POSITIONS
FR POS. DE MONTAGE

DE EINBAULAGE
ES POS. DE MONTAJE

H
Ayak montajı
Foot mounting
Fußbefestigung
Fissaggio piede
Fixation à pattes
Fijación por patas



V
Flaş montajı
Flange mounting
Flanschbefestigung
Fissaggio flangia
Fixation à bride
Fijación por brida



F
Gövde montajı
Case mounted
Gehäuse Flanschmontage
montato su custodia
boîtier monté
caja montada

TR PCD MODÜLER SİSTEM

EN MODULAR SYSTEM OF PCD

DE PCD MODULARES SYSTEM

IT SISTEMA MODULARE PCD

FR SYSTÈME MODULAIRE PCD

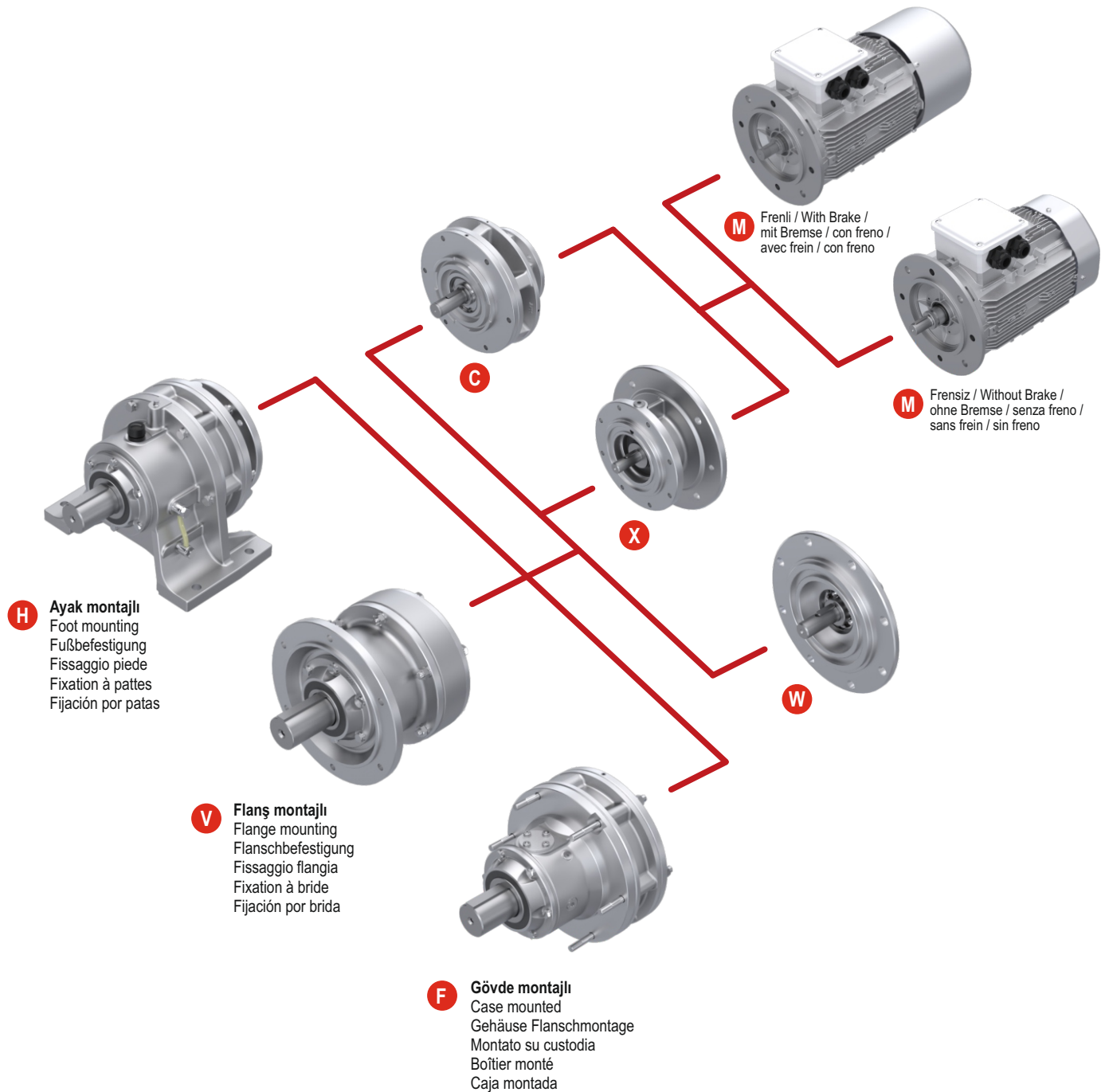
ES SISTEMA MODULAR PCD

M Elektrik Motoru
Electric Motors
Elektromotoren
Motori elettrici
Moteurs électriques
Motores eléctricos

C Kaplinli motor bağlantı adaptörü
Motor connection adapter with coupling
Motoranschluss Adapter mit Kupplung.
Adattatore per collegamento motore con giunto.
Adattatei r de raccordement moteur avec accouplément
Adaptador de conexión de motor con acoplamiento

X Pam adaptörü
Hollow shaft adapter
Hohlwellen-adapter
Adattatore per albero cavo
Adaptateur d'arbre creux
Adaptador de eje hueco

W Serbest giriş milli versiyon.
Input shaft versions.
Ausführungen mit Antriebsvollwelle.
Versioni con albero maschio in ingresso.
Version avec arbre en entrée.
Versión con eje macho de entrada.



| | | | | | |
|----|---------------------|----|--------------------|----|--------------------|
| TR | SERVİS FAKTÖRÜ | EN | SERVICE FACTOR | DE | BETRIEBSFAKTOR |
| IT | FATTORE DI SERVIZIO | FR | FACTEUR DE SERVICE | ES | FACTOR DE SERVICIO |

| Giriş Tipi Input Type Antriebstyp Tipo di ingresso Type d'entrée Tipo de entrada | Çalışma süresi Working time Betriebsdauer Tempo di esecuzione Période de fonctionnement Duración | Çalışan makinenin yük özellikleri / The load properties of working machine / Belastungseigenschaften der betriebenen Maschine / Caratteristiche di carico della macchina in funzione / Caractéristiques de charge de la machine de travail / Características de carga de la máquina en funcionamiento | | |
|---|---|--|--|---|
| | | U düzgün yük / uniform load / Regelmäßige Last / carico uniforme / Charge lisse / carga uniforme | M Orta derece yükler / Moderate loads / Mäßige Last / Carichi moderati / Charges modérées / Cargas moderadas | H Ağır yükler / Heavy loads / Schwere Lasten / Carichi pesanti / Charges lourdes Cargas pesadas |
| Elektrik Motoru Wiith electric motor Elektrischer Motor Motore elettrico moteur électrique Motor eléctrico | ara sıra, günde 30 dakika Rarely, 30 minutes a day Hin und wieder, 30 Minuten pro Tag occasionalmente, 30 minuti al giorno 30 min par jour occasionnellement ocasionalmente, 30 minutos al día | *0.50 | *0.80 | 1.20 |
| | aralıklı, günde 3 saat Sometimes, 3 hours a day Mit Unterbrechungen, 3 Stunden pro Tag occasionalmente, 3 ore al giorno Intermittent 3 heures par jours ocasionalmente, 3 horas al día | *0.80 | 1.00 | 1.35 |
| | günde 8 saat 8 hours a day 8 Stunden pro Tag 8 ore al giorno 8 heures par jour 8 horas al día | 1.00 | 1.20 | 1.50 |
| | günde 16 saat 16 hours a day 16 Stunden pro Tag 16 ore al giorno 16 heures par jour 16 horas al día | 1.10 | 1.28 | 1.55 |
| | günde 24 saat 24 hours a day 24 Stunden pro Tag 24 ore su 24 24 heures par jour 24 horas al día | 1.20 | 1.35 | 1.60 |

| TR | UYGULAMA ALANLARI VE YÜK SINIFLANDIRMASI | EN | APPLICATION AREAS AND LOAD CLASSIFICATION | DE | ANWENDUNGSBEREICHE UND LAST KLASIFIZIERUNG |
|---|--|-------------------------------------|---|---|--|
| UYGULAMALAR | Yük Tipi | APPLICATIONS | Type of Load | ANWENDUNGEN | Belastungsart |
| TUĞLA, BETON TAŞ, KİL | | BRICK, CONCRETE STONE, CLAY | | ZIEGEL, BETON, STEINE, ERDE | |
| Beton karıştırıcı | M | Concrete mixer | M | Betonmischer | M |
| Çekiç-/Top-/Çırpıcı değirmenler | H | Hammer-/Ball-/Beater mills | H | Hammer-/Kugel-/Schlagmühlen | H |
| Eğimli vinçler | * | Inclined hoists | * | Schrägaufzüge | * |
| Taş kırıcı | H | Stone crusher | H | Brecher | H |
| Tuğla presleri | H | Brick presses | H | Ziegelpressen | H |
| KONVEYÖRLER - ÜNİFORMA YÜKLÜ | | CONVEYORS - UNIFORMLY LOADED | | FÖRDERANLAGEN MIT GLEICHFÖRMIGER BELASTUNG | |
| Apron konveyörler | U | Apron conveyors | U | Plattenbänder | U |
| Bantlı konveyörler | U | Belt conveyors | U | Bandförderer | U |
| Kovalı konveyörler | U | Bucket conveyors | U | Becherwerke | U |
| Montaj hatları | U | Assembly lines | U | Fließbänder | U |
| Vidalı konveyörler | U | Screw conveyors | U | Schneckenförderer | U |
| Yük asansörleri | U | Freight elevators | U | Lastaufzüge | U |
| Zincirli konveyörler | U | Chain conveyors | U | Kettenförderer | U |
| KONVEYÖRLER - AĞIR HİZMET | | CONVEYORS - HEAVY DUTY | | FÖRDERANLAGEN MIT UNGLEICHFÖRMIGER BELASTUNG | |
| Apron konveyörler | M | Apron conveyors | M | Plattenbänder | M |
| Bantlı konveyörler | M | Belt conveyors | M | Bandförderer | M |
| Kovalı konveyörler | M | Bucket conveyors | M | Becherwerke | M |
| Montaj hatları | M | Assembly lines | M | Fließbänder | M |
| Vidalı konveyörler | M | Screw conveyors | M | Schneckenförderer | M |
| Yük asansörleri | M | Freight elevators | M | Lastaufzüge | M |
| Zincirli konveyörler | M | Chain conveyors | M | Kettenförderer | M |
| VİNÇLER | | CRANES | | KRANANLAGEN | |
| Çekiş dişlileri | * | Traction gears | * | Fahrwerke | * |
| Döner dişliler | * | Slewing gears | * | Schwenkwerke | * |
| Vinçler | * | Hoists | * | Hubwerke | * |
| EKSKAVATÖR | | EXCAVATOR | | BAGGER | |
| Çekiş dişlileri | * | Traction gears | * | Fahrwerke | * |
| Döner dişliler | * | Slewing gears | * | Schwenkwerke | * |
| Kesici kafa dişlileri | H | Cutter head gears | H | Schneidköpfe | H |
| Vinçler | M | Winches | M | Winden | M |
| GIDA VE ŞEKER ENDÜSTRİSİ | | FOOD AND SUGAR INDUSTRY | | NAHRUNGSMITTEL- UND ZUCKERINDUSTRIE | |
| Pişirici | U | Cooker | U | Kocher | U |
| Şeker kamışı fabrikaları | M | Sugar cane mills | M | Zuckermühlen | M |
| Şeker kırma değirmenleri | M | Sugar crushing mills | M | Zuckerbrecher | M |
| Şeker pancarı kesici | M | Sugar beet cutter | M | Zuckerschneider | M |
| Yoğurma makineleri | M | Kneading machines | M | Knetmaschinen | M |
| METAL İŞLEME MAKİNELERİ | | METALWORKING MACHINES | | METALLBEARBEITUNGSMASCHINEN | |
| Bükme veya doğrultma makineleri | M | Bending or straightening machines | M | Biege- und Richtmaschinen | M |
| Makine aletleri | | Machine tools | | Werkzeugmaschinen Ziehbänke | |
| - ana sürücü | M | - main drive | M | -Werkzeugmaschinen Hauptantriebe | M |
| - yardımcı sürücü | M | - auxiliary drive | M | -Werkzeugmaschinen Hilfsantriebe | M |
| Plaka makasları | H | Plate shears | H | Scheren | H |
| Presler | H | Presses | H | Pressen und Stanzen | H |
| KARIŞTIRICILAR VE KARIŞTIRICILAR | | MIXERS AND AGITATORS | | MISCHER UND RÜHRWERKE | |
| Sabit viskozite için | U | for constant viscosity | U | für konstante Dichte U | U |
| Değişken viskoziteler için | M | for variable viscosities | M | für veränderliche Dichte | M |

U = Düzgün yük
M = Orta düzeyde şoklar
H = Ağır şoklar
* = PGR'ye danışın

U = Uniform load
M = Moderate shocks
H = Heavy shocks
* = Consult PGR

U = Gleichförmiger Betrieb
M = Mäßige Stöße
H = Schwere Stöße
* = Rückfrage bei PGR

| IT AREE DI APPLICAZIONE E CLASSIFICAZIONE DEI CARICHI | FR DOMAINES D'APPLICATIONS ET CLASSIFICATION DES CHARGES | ES ÁREAS DE APLICACIÓN Y CLASIFICACIÓN DE LA CARGA |
|---|---|---|
| APPLICAZIONI Tipo Del Carico | DOMAINES D'APPLICATIONS Type De Charge | APLICACIONES Tipo De Carga |
| MATTONI, CEMENTO, PIETRA, ARGILLA Betoniera M Mulini a martelli, a sfere e a pale H Gru inclinate * Frantumatore di pietra H Presse per mattoni H | BRIQUE, PIERRE DE BETON, ARGILE Bétonnière M Broyeurs à marteaux, boulets, batteurs H * Grues inclinées * Concasseur H Presses à briques H | LADRILLO, PIEDRA DE HORMIGÓN, ARCILLA Hormigonera M Molinos de martillos/balas/llenadores H Grúas inclinadas * Trituradora de piedra H Presnas de ladrillos H |
| TRASPORTATORI - A CARICO UNIFORME Trasportatori a nastro U Trasportatori a nastro U Trasportatori a tazze U Linee di montaggio U Trasportatori a vite U Ascensori per merci U Trasportatori a catena U | CONVOYEUR-CHARGEMENT Convoyeur à tablier U Convoyeur U Convoyeur à godets U Lignes d'assemblage U Convoyeur à vis U Monte-charge U Transporteur à chaîne U | TRANSPORTADORES - CARGA UNIFORMEA Transportadores de delantal U Cintas transportadoras U Transportadores de cangilones U Líneas de montaje U Transportadores de tornillo U Ascensores de carga U Transportadores de cadena U |
| TRASPORTATORI - PER IMPIEGHI GRAVOSI Trasportatori a nastro M Trasportatori a nastro M Trasportatori a tazze M Linee di montaggio M Trasportatori a vite M Ascensori per merci M Trasportatori a catena M | COVOYEUR-USAGE INTENSIF Convoyeur à tablier M Convoyeur M Convoyeur à godets M Lignes d'assemblage M Convoyeur à vis M Monte-charge M Transporteur à chaîne M | CINTAS TRANSPORTADORAS - SERVICIO PESADO Transportadores de delantal M Cintas transportadoras M Transportadores de cangilones M Líneas de montaje M Transportadores de tornillo M Ascensores de carga M Transportadores de cadena M |
| CRANES Ingranaggi di trazione * Ingranaggi rotanti * Gru * | GRUES Engrenages de traction * Engrenages rotatifs * Grues * | CRANES Engranajes de tracción * Engranajes rotativos * Grúas * |
| ESCAVATORE Ingranaggi di trazione * Ingranaggi rotanti * Ingranaggi della testa di taglio H Gru M | PELLE Engrenages de traction * Engrenages rotatifs * Engrenages de tête de coupe H Grues M | EXCAVADORA Engranajes de tracción * Engranajes rotativos * Engranajes del cabezal de corte H Grúas M |
| INDUSTRIA ALIMENTARE E DELLO ZUCCHERO Forno U Fabbriche di canna da zucchero M Mulini per la frantumazione dello zucchero M Taglierina per barbabietole da zucchero M Impastatrici M | INDUSTRIE ALIMENTAIRE ET SUCRIÈRE Cusiner U Moulin à canne à sucre M Broyeurs de sucre M Coupeur de betteraves sucrières M Pétrins M | INDUSTRIA ALIMENTARIA Y DEL AZÚCAR Cocina U Fábricas de caña de azúcar M Molinos de azúcar M Cortadora de remolacha M Amasadoras M |
| MACHINE PER LA LAVORAZIONE DEL METALLO Macchine per piegare o raddrizzare M Macchine utensili - conducente principale M - co-pilota M Cesoie per targhe H Presse H | MACHINES POUR TRAVAIL DES MÉTAUX Machines à plier et redresser M Des machines-outils -Conducteur principal M -Copilote M Cisailles à tôle H Presses H | MÁQUINAS PARA TRABAJAR EL METAL Máquinas de doblar o enderezar M Máquinas-herramienta - principal impulsor M - copiloto M Cizallas para matrículas H Pressas H |
| AGITATORI E MISCELATORI Per una viscosità costante U Per viscosità variabili M | MÉLANGEURS ET MÉLANGEURS Pour une viscosité constante U Pour viscosités variables M | AGITADORES Y MEZCLADORES Para una viscosidad constante U Para viscosidades variables M |

U = Carico uniforme
 M = Shock moderati
 H = Shock gravi
 * = Consultare il PGR

U = Charge uniforme
 M = Chocs modérés
 H = Chocs violents
 * = Consulter PGR

U = Carga uniforme
 M = Choques moderados
 H = Choques severos
 * = Consultar al PGR

| TR | UYGULAMA ALANLARI VE YÜK SINIFLANDIRMASI | EN | APPLICATION AREAS AND LOAD CLASSIFICATION | DE | ANWENDUNGSBEREICHE UND LAST KLASIFIZIERUNG | |
|----|--|-----|---|-----|--|-----|
| | UYGULAMALAR | | APPLICATIONS | | ANWENDUNGEN | |
| | Yük Tipi | | Type of Load | | Belastungsart | |
| | KAĞIT ENDÜSTRİSİ | | PAPER INDUSTRY | | PAPIERINDUSTRIE | |
| | Ağartma aparatı | U | Bleaching apparatus | U | Bleicher | U |
| | Çırpıcılar | M/H | Beaters | M/H | Holländer | M/H |
| | Islak presler | M/H | Wet presses | M/H | Nasse Pressen | M/H |
| | Kağıt yapma | * | Coucher | * | Gautscher | * |
| | Kurutma silindirleri | M | Drying drums | M | Trockenzylinder | M |
| | Perdah makinesi | M | Calenders | M | Kalander | M |
| | Sırlama makinesi silindirleri | * | Machine glazing cylinders | * | Glätzzylinder | * |
| | POMPALAR | | PUMPS | | PUMPEN | |
| | Dalgıç pompalar | * | Plunger pumps | * | Plungerpumpen | * |
| | Santrifüj pompalar | * | Centrifugal pumps | * | Kreiselpumpen | * |
| | HADDEHANELER | | ROLLING MILLS | | WALZWERKE | |
| | Blok taşıma sistemleri | * | Slab transport | * | Blocktransportanlagen | * |
| | Boru doğrultma makineleri | * | Tube straightening machines | * | Rohrlichtmaschinen | * |
| | Çapraz transfer | * | Cross transfer | * | Querschlepper | * |
| | Makaralı masalar | * | Descaling machines | * | Entzundungsmaschinen | * |
| | Plaka çeviriciler | H | Roller tables | H | Rollgänge | H |
| | Plaka makasları | M/H | Plate turners | M/H | Blechwender | M/H |
| | Pul temizleme makineleri | M | Plate shears | M | Blechscheren | M |
| | Silindir ayar sürücüler | M | Roller adjustment drives | M | Walzverstellvorrichtungen | M |
| | Soğutma yatakları | * | Cooling beds | * | Kühlbetten | * |
| | Sürekli döküm makineleri | * | Continuous casting machines | * | Stranggußanlagen | * |
| | Tel makaralar | M | Wire wheels | M | Drahthaspeln | M |
| | Zincir transferi | M | Chain transfer | M | Kettenschlepper | M |
| | KAUÇUK VE PLASTİK MAKİNELERİ | | RUBBER AND PLASTIC MACHINES | | GUMMI- UND KUNSTSTOFFMASCHINEN | |
| | Ekstrüder | M/H | Extruders | M/H | Extruder | M/H |
| | Perdah makinesi | M | Calenders | M | Kalander | M |
| | Yoğurma makineleri | H | Kneading machines | H | Knetwerke | H |
| | TEKSTİL ENDÜSTRİSİ | | TEXTILE INDUSTRY | | TEXTILINDUSTRIE | |
| | Boyama makineleri | M | Dyeing machines | M | Färbereimaschinen | M |
| | Bronzlaşma tekneleri | M | Tanning vats | M | Gerbgefässer | M |
| | Dokuma tezgahları | M | Looms | M | Webstühle | M |
| | Parçalayıcılar | M | Willows | M | Reißwölfe | M |
| | Perdah makinesi | M | Calenders | M | Kalander | M |
| | SU ARITMA TESİSLERİ | | WATER TREATMENT PLANTS | | WASSERAUFBEREITUNGSANLAGEN | |
| | Filtre presleri | M | Filter presses | M | Filterpressen | M |
| | Havalandırıcılar | * | Aerators | * | Belüfter | * |
| | Karıştırıcı | M | Mixer | M | Mischer | M |
| | Kazıyıcı/Kalınlaştırıcı | M | Scraper/Thickener | M | Räumer | M |
| | Vidalı pompalar | M | Screw pumps | M | Schneckenpumpen | M |

U = Düzgün yük
M = Orta düzeyde şoklar
H = Ağır şoklar
* = PGR'ye danışın

U = Uniform load
M = Moderate shocks
H = Heavy shocks
* = Consult PGR

U = Gleichförmiger Betrieb
M = Mäßige Stöße
H = Schwere Stöße
* = Rückfrage bei PGR

IT AREE DI APPLICAZIONE E CLASSIFICAZIONE DEI CARICHI

APPLICAZIONI Tipo Del Carico

| APPLICAZIONI | Tipo Del Carico |
|------------------------------------|-----------------|
| INDUSTRIA DELLA CARTA | |
| Apparecchio di sbiancamento Fuller | U |
| Pressa a umido | M/H |
| Produzione di carta | M/H |
| Cilindri di essiccazione | * |
| Macchina per la brunitura | M |
| Rulli di macchine per smaltatura | M |
| | * |

POMPE

| | |
|--------------------|---|
| Pompe sommergibili | * |
| Pompe centrifughe | * |

MULINI A RULLI

| | |
|---|-----|
| Sistemi di movimentazione dei blocchi | * |
| Macchine per la raddrizzatura dei tubi | * |
| Trasferimento trasversale | * |
| Tavoli a rotelle | * |
| Convertitori di targa | H |
| Cesoie per targhe | M/H |
| Macchine per la pulizia dei francobolli | M |
| Azionamenti di regolazione del cilindro | M |
| Letti di raffreddamento | * |
| Macchine per la colata continua | * |
| Bobine di filo | M |
| Trasferimento a catena | M |

MACCHINE PER GOMMA E PLASTICA

| | |
|---------------------------|-----|
| Estrusore | M/H |
| Macchina per la brunitura | M |
| Impastatrici | H |

INDUSTRIA TESSILE

| | |
|--------------------------------|---|
| Macchine per la verniciatura | M |
| Imbarcazioni per la bronzatura | M |
| Telai per la tessitura | M |
| Trituratori | M |
| Macchina per la brunitura | M |

IMPIANTI DI TRATTAMENTO DELLE ACQUE

| | |
|---------------------|---|
| Filtro pressa | M |
| Aeratori | * |
| Miscelatore | M |
| Raschietto/spessore | M |
| Pompe a vite | M |

FR DOMAINES D'APPLICATIONS ET CLASSIFICATION DES CHARGES

DOMAINES D'APPLICATIONS Type De Charge

| DOMAINES D'APPLICATIONS | Type De Charge |
|------------------------------|----------------|
| INDUSTRIES DU PAPIER | |
| appareil de blanchiment | U |
| Batteurs | M/H |
| presses humides | M/H |
| fabrication de papier | * |
| Rouleaux de séchage | M |
| truelle | M |
| rouleaux de machine à vitrer | * |

POMPES

| | |
|---------------------|---|
| Pompes submersibles | * |
| pompes centrifuges | * |

LAMINOIRS

| | |
|----------------------------------|-----|
| systèmes de manutention de blocs | * |
| Machines à redresser des tubes | * |
| transfert croisé | * |
| tables à rouleaux | * |
| Convertisseurs de plaques | H |
| cisailles à tôle | M/H |
| machines de nettoyage de tampons | M |
| pilotes de réglage des rouleaux | M |
| lits de refroidissement | * |
| Macachines de coulée continue | * |
| bobines de fil | M |
| Transfert de chaîne | M |

MACHINES CAOUTCHOUC ET PLASTIQUE

| | |
|------------|-----|
| extrudeuse | M/H |
| truelle | M |
| pétrins | H |

INDUSTRIE TEXTILE

| | |
|----------------------|---|
| machines de teinture | M |
| bateaux de bronzage | M |
| métiers à tisser | M |
| Broyeurs | M |
| Truelle | M |

STATIONS DE TRAITEMENT D'EAU

| | |
|--------------------|---|
| filtres-presses | M |
| Aérateurs | * |
| Mixeur | M |
| Grattoir/épaisseur | M |
| pompes à vis | M |

ES ÁREAS DE APLICACIÓN Y CLASIFICACIÓN DE LA CARGA

APLICACIONES Tipo De Carga

| APLICACIONES | Tipo De Carga |
|-----------------------------|---------------|
| INDUSTRIA DEL PAPEL | |
| Aparato de blanqueo | U |
| Fuller | M/H |
| Presas húmedas | M/H |
| Fabricación de papel | * |
| Cilindros de secado | M |
| Máquina de bruñir | M |
| Rodillos de acristalamiento | * |

BOMBAS

| | |
|--------------------|---|
| Bombas sumergibles | * |
| Bombas centrifugas | * |

MOLINOS

| | |
|---------------------------------------|-----|
| Sistemas de manipulación de bloques | * |
| Máquinas enderezadoras de tubos | * |
| Transferencia cruzada | * |
| Mesas de rodillos | * |
| Convertidores de matrícula | H |
| Cizallas para matrículas | M/H |
| Máquinas de limpieza de sellos | M |
| Accionamientos de ajuste de cilindros | M |
| Camas de refrigeración | * |
| Máquinas de colada continua | * |
| Bobinas de alambre | M |
| Transferencia de la cadena | M |

MAQUINARIA PARA EL CAUCHO Y EL PLÁSTICO

| | |
|-------------------|-----|
| Extrusora | M/H |
| Máquina de bruñir | M |
| Amasadoras | H |

INDUSTRIA TEXTIL

| | |
|----------------------|---|
| Máquinas para pintar | M |
| Barcos de bronceado | M |
| Telares | M |
| Trituradoras | M |
| Máquina de bruñir | M |

PLANTAS DE TRATAMIENTO DE AGUA

| | |
|--------------------|---|
| Filtros prensa | M |
| Aireadores | * |
| Mezclador | M |
| Raspador/espesador | M |
| Bombas de tornillo | M |

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M = Shock moderati
H = Shock gravi
* = Consultare il PGR

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M = Chocs modérés
H = Chocs violents
* = Consulter PGR

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TR REDÜKTÖR SEÇİMİ

EN GEARMOTOR SELECTION

DE GETRIEBEMOTOR AUSWAHL

Tahrik edilecek makinanın yük sınıflandırılmasına ve günlük çalışma saatine bağlı ihtiyaç duyulan fB1 değeri belirlenir. İhtiyaç duyulan moment veya güç değer bilgileri alınmalıdır. By using load classification and daily working time of machine which will be driven, we can decide fB1. The needed torque value and power value informations should be taken. Der erforderliche Wert fB1 wird abhängig von der Belastungseinstufung und der täglichen Betriebsdauer der Maschine bestimmt. Die erforderlichen Moment- oder Leistungswertinformationen sind zu entnehmen.

$$P_{ef} = M_{ef} \times n_2 / 9550 \text{ [kw]}$$

Tahrik edilecek makinanın çalışma devir bilgisi alınmalı ve giriş devrine bağlı tahvil oranı belirlenmelidir. / You should get working rotation information of machine which will be driven, and ratio number should be decided according to input speed. / Die Betriebsgeschwindigkeit der betriebenen Maschine muss entnommen werden und das Übersetzungsverhältnis abhängig von der Antriebsdrehzahl ist zu bestimmen.

$$i = n_1/n_2$$

Çıkış momenti kontrol edilmelidir. / Output torque should be checked. / Das Abtriebsmoment ist zu kontrollieren.

$$M_{ef} < M_2 \text{ [Nm]}$$

Servis faktörüne bağlı redüktör boyutu belirlenmelidir. / Dimension of gear unit should be decided depending on the service factor. / Die Gehäusegröße abhängig vom Sicherheitsfaktor ist zu bestimmen.

$$f_B > f_{B1}$$

Eşdeğer güç yada moment değerleri hesaplanmalıdır. / You should calculate equivalent power or torque values. / Die entsprechenden Leistungs- oder Momentwerte müssen berechnet werden.

$$P_q = P_{ef} \times f_{B1} \text{ [kw]}$$

$$M_q = M_{ef} \times f_{B1} \text{ [Nm]}$$

Redüktörün maksimum dayanım güç yada moment değeri eş değer güç yada moment değerinden büyük olmalıdır. / Maximum resisting power or torque value of gear unit should be bigger than equivalent power or torque value. / Die maximale Tragfähigkeit und das Drehmoment des Getriebes müssen größer sein als die entsprechenden Leistungs- oder Momentwerte.

$$P_{1max} > P_q \text{ [kw]}$$

$$M_{2max} > M_q \text{ [Nm]}$$

Radyal yük değeri hesaplanmalıdır. / Radial load should be calculated. / Die radialen Lastwerte müssen berechnet werden.

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot M_{ef} \cdot f_{B1} \cdot f_L \cdot f_z}{d_o} = \text{[N]}$$

Çıkış miline sadece radyal yük mü etki etmektedir? / Acts only radial load to output shaft? / Beeinflusst nur die radiale Belastung die Abtriebswelle?

Evet / Yes / Ja

Radyal yük kontrolü / radial load control / Radiale Lastkontrolle

Hayır / No / Nein

Radyal ve eksenel yük kontrolü / radial and axial load control / Radiale und axiale Lastkontrolle

Mil yükleri izin verilen değerler içerisinde midir? / Is the shaft loads inside the allowable values? / Liegen die Wellenlasten innerhalb der zulässigen Werte?

Evet / Yes / Ja

Gövde tipi ve montaj pozisyonu belirlenmelidir. / Case type and mounting position should be determined. / Gehäusetyp und Montagepositionen müssen festgelegt werden.

Gövde ölçüleri kontrol edilip onaylanmalıdır. / After checking, case dimensions should be approved. / Gehäuseabmessungen müssen kontrolliert und bestätigt werden.

Yağlama yöntemleri onaylanmalıdır. / Lubrication methods should be approved / Schmierungsverfahren müssen bestätigt werden.

Hayır / No / Nein

Daha büyük gövde seçimi yapılmalıdır. / Bigger case should be selected. / Größeres Gehäuse muss gewählt werden.

IT SELEZIONE DEL RIDUTTORE

FR SÉLECTION DU RÉDUCTEUR

ES SELECCIÓN DEL REDUCTOR

Il valore fB1 richiesto viene determinato in base alla classificazione del carico della macchina da azionare e alle ore di lavoro giornaliere. È necessario ottenere le informazioni sui valori di coppia o di potenza richiesti. / En fonction de la classification de charge de la machine à entraîner et des heures de travail quotidiennes, la valeur fB1 requise est déterminée. Les informations requises sur le couple ou la puissance doivent être obtenues. / El valor fB1 necesario se determina en función de la clasificación de la carga de la máquina a conducir y de las horas de trabajo diarias. Se debe obtener la información del valor de par o de potencia requerido.

$$P_{ef} = M_{ef} \times n_2 / 9550 \text{ [kw]}$$

È necessario ottenere le informazioni sulla velocità di funzionamento della macchina da azionare e determinare il rapporto di vincolo in base alla velocità di ingresso. / Les informations de vitesse de fonctionnement de la machine à entraîner doivent être obtenues et le rapport de liaison en fonction de la vitesse d'entrée doit être déterminé. / Se debe obtener la información de la velocidad de funcionamiento de la máquina que se va a accionar y determinar la relación de unión en función de la velocidad de entrada.

$$i = n_1/n_2$$

È necessario controllare la coppia di uscita. / Le couple de sortie doit être contrôlé. / Hay que comprobar el par de salida.

$$M_{ef} < M_2 \text{ [Nm]}$$

La dimensione del riduttore deve essere determinata in base al fattore di servizio. / La taille du réducteur doit être déterminée en fonction du facteur de service. / El tamaño del reductor debe determinarse en función del factor de servicio.

$$fB > fB_1$$

È necessario calcolare i valori di potenza o di momento equivalenti. / Les valeurs de puissance ou de couple équivalentes doivent être calculées. / Deben calcularse los valores de potencia o momento equivalentes.

$$P_q = P_{ef} \times fB_1 \text{ [kw]}$$

$$M_q = M_{ef} \times fB_1 \text{ [Nm]}$$

Il valore della potenza o della coppia massima sopportata dal riduttore deve essere superiore al valore della potenza o della coppia equivalente. / La valeur maximale de puissance ou de couple admissible du réducteur doit être supérieure à la valeur de puissance ou de couple équivalente. / El valor máximo de potencia o par soportado del reductor debe ser mayor que el valor de potencia o par equivalente.

$$P_{1max} > P_q \text{ [kw]}$$

$$M_{2max} > M_q \text{ [Nm]}$$

Il valore del carico radiale deve essere calcolato. / La valeur de la charge radiale doit être calculée. / Hay que calcular el valor de la carga radial.

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot M_{ef} \cdot fB_1 \cdot f_L \cdot f_z}{d_o} = \text{[N]}$$

Sull'albero di uscita agisce solo il carico radiale? / Est-ce que seule la charge radiale affecte l'arbre de sortie? / ¿Sólo actúa la carga radial sobre el eje de salida?

Si / Oui / Sí

Controllo del carico radiale / contrôle de la charge radiale / Control de la carga radial

No / Non / No

Controllo del carico radiale e assiale / Contrôle de la charge radiale et axiale / Control de la carga radial y axial

I carichi sull'albero rientrano nei valori consentiti? / Les charges sur l'arbre sont-elles dans les valeurs admissibles? / ¿Están las cargas del eje dentro de los valores permitidos?

Si / Oui / Sí

È necessario determinare il tipo di corpo e la posizione di montaggio. / Le type de corps et la position de montage doivent être déterminés. / Hay que determinar el tipo de carrocería y la posición de montaje.

Le dimensioni della carrozzeria devono essere controllate e approvate. / Les dimensions du corps doivent être vérifiées et approuvées. / Las dimensiones de la carrocería deben ser comprobadas y aprobadas.

I metodi di lubrificazione devono essere approvati. / Les méthodes de lubrification doivent être approuvées. / Los métodos de lubricación deben ser aprobados.

No / Non / No

Si dovrebbe scegliere un corpo più grande. / Une plus grande sélection de corps devrait être faite / Se debe seleccionar un cuerpo más grande.

TR REDÜKTÖR SEÇİMİ

ÖRNEK SEÇİM - 1 : MOTORLU SEÇİM

Müşteri moment ihtiyacı $M_{ef} = 170$ [Nm]

Redüktör ayaktan montajlı olacaktır.

Talep edilen devir $n_2 = 55$ [d/d]Giriş devri $n_1 = 1400$ [d/d]

Kullanılacak Yer : Vidalı Pompa

Günde Çalışma Saati : 16 saat

Ara Tahrik ekipmanı : Zincir Dişli

$$\begin{aligned} P_{ef} &= M_{ef} \times n_2 / 9550 \text{ [kw]} \\ P_{ef} &= 170 \times 55 / 9550 \text{ [kw]} \\ P_{ef} &= 0,97 \text{ [kw]} \end{aligned}$$

Seçilen güç değeri $P_1 = 1,1$ [kw] > $P_{ef} = 0,97$ [kw]

$$\begin{aligned} i &= n_1/n_2 \\ i &= 1400/55 \\ i &= 25,45 \end{aligned}$$

Yük sınıflandırılması : M

$$f_{B1} = 1,28$$

100. Sayfa motorlu seçim tablosunda seçilen gövde boyutu: 610

$$\begin{aligned} M_2 &= 173 \text{ [Nm]} > M_{ef} = 170 \text{ [Nm]} \\ f_B &= 1,34 > f_{B1} = 1,28 \end{aligned}$$

Zincir dişli tahrik düzeltme faktörü $f_z = 1$ Zincir dişli bölüm dairesi çapı $d_0 = 90$ [mm]Yük konumu ortada $L_f = 1$

100. Sayfa motorlu seçim tablosunda

$$FR_2 = 5400 \text{ [N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot M_{ef} \cdot f_{B1} \cdot f_L \cdot C_f}{d_0} = \text{[N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot 170 \cdot 1,28 \cdot 1 \cdot 1}{90} = \text{[N]}$$

$$FR_q = 4835 \text{ [N]}$$

$$FR_2 > FR_q$$

Seçilen redüktör;

PCD 610 HXM - 25 - 1,1 - M1 - 90 B5 - 90L4A - GRES

EN GEARMOTOR SELECTION

EXAMPLE SELECTION-1: WITH MOTOR SELECTION

Torque need of customer: $M_{ef} = 170$ [Nm]

Gear unit will be foot-mounted

Requested speed= $n_2 = 55$ [d/d]Input speed= $n_1 = 1400$ [d/d]

The place where it will be used: Screw Pump

Daily working hour: 16 hours

Intermediate Driving Equipment: Chain Sprocket

$$\begin{aligned} P_{ef} &= M_{ef} \times n_2 / 9550 \text{ [kw]} \\ P_{ef} &= 170 \times 55 / 9550 \text{ [kw]} \\ P_{ef} &= 0,97 \text{ [kw]} \end{aligned}$$

Selected power value: $P_1 = 1,1$ [kw] > $P_{ef} = 0,97$ [kw]

$$\begin{aligned} i &= n_1/n_2 \\ i &= 1400/55 \\ i &= 25,45 \end{aligned}$$

Load classification: M

$$f_{B1} = 1,28$$

Selected case dimension from with motor selection table at page 100: 610

$$\begin{aligned} M_2 &= 173 \text{ [Nm]} > M_{ef} = 170 \text{ [Nm]} \\ f_B &= 1,34 > f_{B1} = 1,28 \end{aligned}$$

Chain Sprocket drive correction factor $f_z = 1$ Chain Sprocket pitch diameter $d_0 = 90$ [mm]Load position is in the middle $L_f = 1$

At page 100, from motor selection table

$$FR_2 = 5400 \text{ [N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot M_{ef} \cdot f_{B1} \cdot f_L \cdot C_f}{d_0} = \text{[N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot 170 \cdot 1,28 \cdot 1 \cdot 1}{90} = \text{[N]}$$

$$FR_q = 4835 \text{ [N]}$$

$$FR_2 > FR_q$$

Gear unit selected;

PCD 610 HXM - 25 - 1,1 - M1 - 90 B5 - 90L4A - GRES

DE GETRIEBEMOTOR AUSWAHL

BEISPIELAUSWAHL – 1: AUSWAHL MIT MOTOR

Momentanforderung des Kunden $M_{ef} = 170$ [Nm]

Das Getriebe wird fußmontiert.

Gewünschte Drehzahl $n_2 = 55$ [d/d]Antriebsdrehzahl $n_1 = 1400$ [d/d]

Anwendungsort: Schraubenpumpe

Betriebszeit pro Tag: 16 Stunden

Zwischen-Antriebsbauteil: Kettenrad

$$\begin{aligned} P_{ef} &= M_{ef} \times n_2 / 9550 \text{ [kw]} \\ P_{ef} &= 170 \times 55 / 9550 \text{ [kw]} \\ P_{ef} &= 0,97 \text{ [kw]} \end{aligned}$$

Gewählte Nennleistung $P_1 = 1,1$ [kw] > $P_{ef} = 0,97$ [kw]

$$\begin{aligned} i &= n_1/n_2 \\ i &= 1400/55 \\ i &= 25,45 \end{aligned}$$

Lastklassifizierung: M

$$f_{B1} = 1,28$$

Gehäusegröße aus der Tabelle "Auswahl mit Motoren" auf Seite 100: 610

$$\begin{aligned} M_2 &= 173 \text{ [Nm]} > M_{ef} = 170 \text{ [Nm]} \\ f_B &= 1,34 > f_{B1} = 1,28 \end{aligned}$$

Korrekturfaktor für Kettenradantrieb $f_z = 1$ Schnittkreisdurchmesser des Kettenrades $d_0 = 90$ [mm]Lastposition in der Mitte $L_f = 1$

der Tabelle "Auswahl mit Motoren" auf Seite 100

$$FR_2 = 5400 \text{ [N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot M_{ef} \cdot f_{B1} \cdot f_L \cdot C_f}{d_0} = \text{[N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot 170 \cdot 1,28 \cdot 1 \cdot 1}{90} = \text{[N]}$$

$$FR_q = 4835 \text{ [N]}$$

$$FR_2 > FR_q$$

Getriebe auswahl;

PCD 610 HXM - 25 - 1,1 - M1 - 90 B5 - 90L4A - GRES

IT SELEZIONE DEL RIDUTTORE

**SELEZIONE DEL CAMPIONE - 1 :
SELEZIONE DEL MOTORE**

Requisito di coppia del cliente $M_{ef} = 170$ [Nm]

Il riduttore sarà montato a pedale.

Velocità richiesta $n_2 = 55$ [rpm]

Velocità di ingresso $n_1 = 1400$ [giri/min]

Luogo di utilizzo: pompa a vite

Ore di lavoro al giorno: 16 ore

Apparecchiatura di trasmissione intermedia : Pignone a catena

$$\begin{aligned} P_{ef} &= M_{ef} \times n_2 / 9550 \text{ [kw]} \\ P_{ef} &= 170 \times 55 / 9550 \text{ [kw]} \\ P_{ef} &= 0,97 \text{ [kw]} \end{aligned}$$

Valore di potenza selezionato $P_1 = 1,1$ [kw] > $P_{ef} = 0,97$ [kw]

$$\begin{aligned} i &= n_1/n_2 \\ i &= 1400/55 \\ i &= 25,45 \end{aligned}$$

Classificazione del carico: M

$$f_{B1} = 1,28$$

Pagina 100- dimensione selezionata nella tabella di selezione del foglio motorizzato: 610

$$\begin{aligned} M_2 &= 173 \text{ [Nm]} > M_{ef} = 170 \text{ [Nm]} \\ f_B &= 1,34 > f_{B1} = 1,28 \end{aligned}$$

Fattore di correzione della trasmissione a pignone $f_z = 1$

Diametro del cerchio della sezione della ruota dentata $d_0 = 90$ [mm].

Posizione di carico al centro $L_f = 1$

Nella tabella di selezione dei motori a pagina 100

$$FR_2 = 5400 \text{ [N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot M_{ef} \cdot f_{B1} \cdot f_L \cdot C_f}{d_0} = \text{[N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot 170 \cdot 1,28 \cdot 1 \cdot 1}{90} = \text{[N]}$$

$$FR_2 > F_{Rq}$$

$$FR_2 > F_{Rq}$$

Riduttore selezionato;

PCD 610 HXM - 25 - 1,1 - M1 - 90 B5 - 90L4A - GRES

FR SÉLECTION DU RÉDUCTEUR

EXEMPLE DE SÉLECTION-1 SÉLECTION AVEC MOTEUR

Exigence de couple du client $M_{ef} = 170$ [Nm]

Le réducteur sera monté sur pied.

Vitesse demandée $n_2 = 55$ [tr/min]

Vitesse d'entrée $n_1 = 1400$ [tr/min]

Lieu d'utilisation : pompe à vis

Heures de travail par jour : 16 heures

Équipement d'entraînement intermédiaire : pignon

$$\begin{aligned} P_{ef} &= M_{ef} \times n_2 / 9550 \text{ [kw]} \\ P_{ef} &= 170 \times 55 / 9550 \text{ [kw]} \\ P_{ef} &= 0,97 \text{ [kw]} \end{aligned}$$

Valeur de puissance sélectionnée $P_1 = 1,1$ [kw] > $P_{ef} = 0,97$ [kw]

$$\begin{aligned} i &= n_1/n_2 \\ i &= 1400/55 \\ i &= 25,45 \end{aligned}$$

Classe de charge : M

$$f_{B1} = 1,28$$

100. Taille du corps sélectionnée dans le tableau de sélection motorisé de la page : 610

$$\begin{aligned} M_2 &= 173 \text{ [Nm]} > M_{ef} = 170 \text{ [Nm]} \\ f_B &= 1,34 > f_{B1} = 1,28 \end{aligned}$$

Facteur de correction de la transmission par pignon $f_z = 1$

Diamètre du cercle de section du pignon $d_0 = 90$ [mm]

Position de charge au milieu $L_f = 1$

100. Sur la tableau de sélection des moteurs

$$FR_2 = 5400 \text{ [N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot M_{ef} \cdot f_{B1} \cdot f_L \cdot C_f}{d_0} = \text{[N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot 170 \cdot 1,28 \cdot 1 \cdot 1}{90} = \text{[N]}$$

$$FR_2 > F_{Rq}$$

$$FR_2 > F_{Rq}$$

Réducteur sélectionné ;

PCD 610 HXM - 25 - 1,1 - M1 - 90 B5 - 90L4A - GRES

ES SELECCIÓN DEL REDUCTOR

SELECCIÓN DE MUESTRAS - 1 : SELECCIÓN DE MOTORES

Necesidad de par del cliente $M_{ef} = 170$ [Nm]

El reductor estará montado en el pie.

Velocidad solicitada $n_2 = 55$ [rpm]

Velocidad de entrada $n_1 = 1400$ [rpm]

Lugar de uso : Bomba de tornillo

Horas de trabajo al día : 16 horas

Equipo de accionamiento intermedio : Piñón de la cadena

$$\begin{aligned} P_{ef} &= M_{ef} \times n_2 / 9550 \text{ [kw]} \\ P_{ef} &= 170 \times 55 / 9550 \text{ [kw]} \\ P_{ef} &= 0,97 \text{ [kw]} \end{aligned}$$

Valor de potencia seleccionado $P_1 = 1,1$ [kw] > $P_{ef} = 0,97$ [kw]

$$\begin{aligned} i &= n_1/n_2 \\ i &= 1400/55 \\ i &= 25,45 \end{aligned}$$

Clasificación de la carga : M

$$f_{B1} = 1,28$$

Página 100- tamaño seleccionado en la tabla de selección de hojas motorizadas: 610

$$\begin{aligned} M_2 &= 173 \text{ [Nm]} > M_{ef} = 170 \text{ [Nm]} \\ f_B &= 1,34 > f_{B1} = 1,28 \end{aligned}$$

Factor de corrección del accionamiento de la rueda dentada $f_z = 1$

Díametro del círculo de la sección del piñón $d_0 = 90$ [mm]

Posición de carga en el centro $L_f = 1$

En la tabla de selección de motores de la página 100

$$FR_2 = 5400 \text{ [N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot M_{ef} \cdot f_{B1} \cdot f_L \cdot C_f}{d_0} = \text{[N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot 170 \cdot 1,28 \cdot 1 \cdot 1}{90} = \text{[N]}$$

$$FR_2 > F_{Rq}$$

$$FR_2 > F_{Rq}$$

Reductor seleccionado;

PCD 610 HXM - 25 - 1,1 - M1 - 90 B5 - 90L4A - GRES

TR REDÜKTÖR SEÇİMİ

ÖRNEK SEÇİM - 2 : MOTORSUZ SEÇİM

Müşteri moment ihtiyacı $M_{ef} = 170$ [Nm]

Redüktör ayaktan montajlı olacaktır.

Talep edilen devir $n_2 = 55$ [d/d]

Giriş devri $n_1 = 1400$ [d/d]

Kullanılacak Yer : Vidalı Pompa

Günde Çalışma Saati : 16 saat

Ara Tahrik elipmanı : Zincir Dişli

$$\begin{aligned} P_{ef} &= M_{ef} \times n_2 / 9550 \text{ [kw]} \\ P_{ef} &= 170 \times 55 / 9550 \text{ [kw]} \\ P_{ef} &= 0,97 \text{ [kw]} (P_1 = 1,1 \text{ [kw] PAM 90}) \\ P_1 &= 1,1 \text{ [kw]} (PAM 90) \end{aligned}$$

$$\begin{aligned} i &= n_1/n_2 \\ i &= 1400/55 \\ i &= 25,45 \end{aligned}$$

Yük sınıflandırılması : M

$$\begin{aligned} f_{B1} &= 1,28 \\ M_q &= M_{ef} \times f_{B1} \text{ [Nm]} \\ M_q &= 170 \times 1,28 \text{ [Nm]} \\ M_q &= 218 \text{ [Nm]} \end{aligned}$$

388. Sayfa motorsuz seçim tablosunda
Seçilen gövde boyutu: 610

$$M_{2max} = 220 \text{ [Nm]} > M_q = 218 \text{ [Nm]}$$

Zincir dişli tahrik düzeltme faktörü $f_z = 1$

Zincir dişli bölüm dairesi çapı $d_0 = 90$ [mm]

Yük konumu ortada $L_f = 1$

388. Sayfa motorsuz seçim tablosunda

$$FR_2 = 5400 \text{ [N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot M_{ef} \cdot f_{B1} \cdot f_L \cdot C_f}{d_0} = \text{[N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot 170 \cdot 1,28 \cdot 1 \cdot 1}{90} = \text{[N]}$$

$$FR_q = 4835 \text{ [N]}$$

$$FR_2 > FR_q$$

Seçilen redüktör;

PCD 610 HX - 25 - M1 - 90 B5 - GRES

EN GEARMOTOR SELECTION

EXAMPLE SELECTION-2: WITHOUT MOTOR SELECTION

Customer's need of torque $M_{ef} = 170$ [Nm]

Gear unit will be foot-mounted.

Requested speed $n_2 = 55$ [d/d]

Input speed $n_1 = 1400$ [d/d]

The place where it will be used: Screw Pump

Daily working hour: 16 hours

Intermediate Driving Equipment: Chain Sprocket

$$\begin{aligned} P_{ef} &= M_{ef} \times n_2 / 9550 \text{ [kw]} \\ P_{ef} &= 170 \times 55 / 9550 \text{ [kw]} \\ P_{ef} &= 0,97 \text{ [kw]} (P_1 = 1,1 \text{ [kw] PAM 90}) \\ P_1 &= 1,1 \text{ [kw]} (PAM 90) \end{aligned}$$

$$\begin{aligned} i &= n_1/n_2 \\ i &= 1400/55 \\ i &= 25,45 \end{aligned}$$

Load classification:M

$$\begin{aligned} f_{B1} &= 1,28 \\ M_q &= M_{ef} \times f_{B1} \text{ [Nm]} \\ M_q &= 170 \times 1,28 \text{ [Nm]} \\ M_q &= 218 \text{ [Nm]} \end{aligned}$$

Selected case dimension from without motor
selection table at page 388: 610

$$M_{2max} = 220 \text{ [Nm]} > M_q = 218 \text{ [Nm]}$$

Chain Sprocket drive correction factor $f_z = 1$

Chain Sprocket pitch diameter $d_0 = 90$ [mm]

Load position is in the middle $L_f = 1$

At page 388, from without motor selection table

$$FR_2 = 5400 \text{ [N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot M_{ef} \cdot f_{B1} \cdot f_L \cdot C_f}{d_0} = \text{[N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot 170 \cdot 1,28 \cdot 1 \cdot 1}{90} = \text{[N]}$$

$$FR_q = 4835 \text{ [N]}$$

$$FR_2 > FR_q$$

Gear unit selected;

PCD 610 HX - 25 - M1 - 90 B5 - GRES

DE GETRIEBEMOTOR AUSWAHL

BEISPIELAUSWAHL - 2: AUSWAHL OHNE MOTOR

Momentanforderung des Kunden $M_{ef} = 170$ [Nm]

Das Getriebe wird fußmontiert.

Gewünschte Drehzahl $n_2 = 55$ [d/d]

Antriebsdrehzahl $n_1 = 1400$ [d/d]

Anwendungsort: Schraubenpumpe

Betriebszeit pro Tag: 16 Stunden

Zwischen-Antriebsbauteil: Kettenrad

$$\begin{aligned} P_{ef} &= M_{ef} \times n_2 / 9550 \text{ [kw]} \\ P_{ef} &= 170 \times 55 / 9550 \text{ [kw]} \\ P_{ef} &= 0,97 \text{ [kw]} (P_1 = 1,1 \text{ [kw] PAM 90}) \\ P_1 &= 1,1 \text{ [kw]} (PAM 90) \end{aligned}$$

$$\begin{aligned} i &= n_1/n_2 \\ i &= 1400/55 \\ i &= 25,45 \end{aligned}$$

Lastklassifizierung: M

$$\begin{aligned} f_{B1} &= 1,28 \\ M_q &= M_{ef} \times f_{B1} \text{ [Nm]} \\ M_q &= 170 \times 1,28 \text{ [Nm]} \\ M_q &= 218 \text{ [Nm]} \end{aligned}$$

Gehäusegröße aus der Tabelle "Auswahl ohne Motoren"
auf Seite 388: 610

$$M_{2max} = 220 \text{ [Nm]} > M_q = 218 \text{ [Nm]}$$

Zincir dişli tahrik düzeltme faktörü $f_z = 1$

Schnittkreisdurchmesser des Kettenrades $d_0 = 90$ [mm]

Lastposition in der Mitte $L_f = 1$

der Tabelle "Auswahl ohne Motoren" auf Seite 388

$$FR_2 = 5400 \text{ [N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot M_{ef} \cdot f_{B1} \cdot f_L \cdot C_f}{d_0} = \text{[N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot 170 \cdot 1,28 \cdot 1 \cdot 1}{90} = \text{[N]}$$

$$FR_q = 4835 \text{ [N]}$$

$$FR_2 > FR_q$$

Getriebe auswahl;

PCD 610 HX - 25 - M1 - 90 B5 - GRES

IT SELEZIONE DEL RIDUTTORE

SELEZIONE DEL CAMPIONE - 2: SELEZIONE NON MOTORIZZATA

Requisito di coppia del cliente Mef = 170 [Nm]

Il riduttore sarà montato a pedale.

Velocità richiesta n2 = 55 [rpm]

Velocità di ingresso n1 = 1400 [giri/min]

Luogo di utilizzo: pompa a vite

Ore di lavoro al giorno: 16 ore

Apparecchiatura di trasmissione intermedia :
Pignone a catena

$$\begin{aligned} P_{ef} &= M_{ef} \times n_2 / 9550 \text{ [kw]} \\ P_{ef} &= 170 \times 55 / 9550 \text{ [kw]} \\ P_{ef} &= 0,97 \text{ [kw]} (P_1 = 1,1 \text{ [kw] PAM 90}) \\ P_1 &= 1,1 \text{ [kw]} (PAM 90) \end{aligned}$$

$$\begin{aligned} i &= n_1/n_2 \\ i &= 1400/55 \\ i &= 25,45 \end{aligned}$$

Classificazione del carico: M

$$\begin{aligned} f_{B1} &= 1,28 \\ M_q &= M_{ef} \times f_{B1} \text{ [Nm]} \\ M_q &= 170 \times 1,28 \text{ [Nm]} \\ M_q &= 218 \text{ [Nm]} \end{aligned}$$

Pagina 388 - Nella tabella di selezione non motorizzata
Dimensione del corpo selezionata: 610

$$M_{2max} = 220 \text{ [Nm]} > M_q = 218 \text{ [Nm]}$$

Fattore di correzione della trasmissione a pignone fz = 1

Diámetro del cerchio della sezione della ruota
dentata d0 = 90 [mm].

Posizione di carico al centro Lf = Riduttore selezionato;

Pagina 388 - Nella tabella di selezione non motorizzata

$$FR_2 = 5400 \text{ [N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot M_{ef} \cdot f_{B1} \cdot f_L \cdot C_f}{d_0} = \text{[N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot 170 \cdot 1,28 \cdot 1 \cdot 1}{90} = \text{[N]}$$

$$FR_2 = 4835 \text{ [N]}$$

$$FR_2 > Frq$$

Riduttore selezionato;

PCD 610 HX - 25 - M1 - 90 B5 - GRES

FR SÉLECTION DU RÉDUCTEUR

SÉLECTION D'ÉCHANTILLONS - 2: SÉLECTION SANS MOTEUR

Exigence de couple du client Mef = 170 [Nm]

Le réducteur sera monté sur pied.

Vitesse demandée n2 = 55 [tr/min]

Vitesse d'entrée n1 = 1400 [tr/min]

Lieu d'utilisation: pompe à vis

Heures de travail par jour: 16 heures

Équipement d'entraînement intermédiaire: pignon

$$\begin{aligned} P_{ef} &= M_{ef} \times n_2 / 9550 \text{ [kw]} \\ P_{ef} &= 170 \times 55 / 9550 \text{ [kw]} \\ P_{ef} &= 0,97 \text{ [kw]} (P_1 = 1,1 \text{ [kw] PAM 90}) \\ P_1 &= 1,1 \text{ [kw]} (PAM 90) \end{aligned}$$

$$\begin{aligned} i &= n_1/n_2 \\ i &= 1400/55 \\ i &= 25,45 \end{aligned}$$

Classe de charge: M

$$\begin{aligned} f_{B1} &= 1,28 \\ M_q &= M_{ef} \times f_{B1} \text{ [Nm]} \\ M_q &= 170 \times 1,28 \text{ [Nm]} \\ M_q &= 218 \text{ [Nm]} \end{aligned}$$

Page 388 dans le tableau de sélection sans moteur
Taille du corps sélectionnée: 610

$$M_{2max} = 220 \text{ [Nm]} > M_q = 218 \text{ [Nm]}$$

Facteur de correction de la transmission par pignon fz = 1

Diámetro del círculo de sección del pignon d0 = 90 [mm]

Position de charge au milieu Lf = 1

Page 388 dans le tableau de sélection sans moteur

$$FR_2 = 5400 \text{ [N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot M_{ef} \cdot f_{B1} \cdot f_L \cdot C_f}{d_0} = \text{[N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot 170 \cdot 1,28 \cdot 1 \cdot 1}{90} = \text{[N]}$$

$$FR_2 = 4835 \text{ [N]}$$

$$FR_2 > Frq$$

Réducteur sélectionné;

PCD 610 HX - 25 - M1 - 90 B5 - GRES

ES SELECCIÓN DEL REDUCTOR

SELECCIÓN DE MUESTRAS - 2: SELECCIÓN NO MOTORIZADA

Requerimiento de par del cliente Mef = 170 [Nm]

El reductor estará montado en el pie.

Velocidad solicitada n2 = 55 [rpm]

Velocidad de entrada n1 = 1400 [rpm]

Lugar de uso : Bomba de tornillo

Horas de trabajo al día : 16 horas

Equipo de transmisión intermedia : Piñón de la cadena

$$\begin{aligned} P_{ef} &= M_{ef} \times n_2 / 9550 \text{ [kw]} \\ P_{ef} &= 170 \times 55 / 9550 \text{ [kw]} \\ P_{ef} &= 0,97 \text{ [kw]} (P_1 = 1,1 \text{ [kw] PAM 90}) \\ P_1 &= 1,1 \text{ [kw]} (PAM 90) \end{aligned}$$

$$\begin{aligned} i &= n_1/n_2 \\ i &= 1400/55 \\ i &= 25,45 \end{aligned}$$

Clasificación de la carga : M

$$\begin{aligned} f_{B1} &= 1,28 \\ M_q &= M_{ef} \times f_{B1} \text{ [Nm]} \\ M_q &= 170 \times 1,28 \text{ [Nm]} \\ M_q &= 218 \text{ [Nm]} \end{aligned}$$

Página 388 - En la tabla de selección de no motorizados
Tamaño del cuerpo seleccionado: 610

$$M_{2max} = 220 \text{ [Nm]} > M_q = 218 \text{ [Nm]}$$

Factor de corrección del accionamiento de la rueda dentada fz = 1

Diámetro del círculo de la sección del piñón d0 = 90 [mm]

Posición de carga en el centro Lf = 1

Página 388 En la tabla de selección de no motorizados

$$FR_2 = 5400 \text{ [N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot M_{ef} \cdot f_{B1} \cdot f_L \cdot C_f}{d_0} = \text{[N]}$$

$$F_{Rq} = \frac{2 \cdot 10^3 \cdot 170 \cdot 1,28 \cdot 1 \cdot 1}{90} = \text{[N]}$$

$$FR_2 = 4835 \text{ [N]}$$

$$FR_2 > Frq$$

Reductor seleccionado;

PCD 610 HX - 25 - M1 - 90 B5 - GRES

TR YAĞLAMA

EN LUBRICATION

DE SCHMIERUNG

1. Gres ile Yağlama

Standart gresler -10°C ile +50°C arası sıcaklık değerlerinde çalışması uygundur. Bu sebep ile sürekli çalışma durumundaki maksimum sıcaklığın 60°C geçmemesine dikkat edilmelidir. Yüksek sıcaklık değerlerinde çalışması gerektiğinde ya da farklı yağların kullanılması durumunda PGR ile iletişime geçiniz.

1.1. Bakım Gerektirmeyen Gres Yağlama

Tüm montaj pozisyonlarında kullanılmak üzere ömür boyu gres ile yağlanmıştır. İlave gres eklenmesine gerek yoktur. Ortalama 20.000 çalışma saati ya da 5 yıllık çalışma ömrü sağlayacaktır.

1.1. Yeniden Gres ile Yağlama

500 saatlik çalışma ya da 2 aylık çalışma sonrasında yeniden gres ile yağlama yapılmalıdır. Redüktör içerisindeki gres normal şartlarda 2 yıl problemsiz çalışmayı sağlar. Fakat çalışma saatlerinin değişkenliğinden dolayı 3 ile 6 ayda bir gresin değiştirilmesini tavsiye ederiz.

Yeniden gres ile yağlamada redüktör içerisinde bulunan yağın özellikleri ile ekleme yapılacak olan yağın özelliği aynı olmalıdır. Farklı greslerin karıştırılmasına izin verilmemelidir.

*** Gres değişiminde redüktörün içi tamamen yeni gres ile doldurulduğundan emin olunmalıdır.

2. Yağ Banyolu Yağlama

DIN 51 517 Bölüm 3 gerekliliklerini karşılayan tüm yağlama yağları uygundur. Ortam veya çalışma sıcaklığına bağlı olarak DIN 51 519'a göre viskozite sınıfı seçilmelidir.

1. Lubrication with grease

Standart greases are suitable for degrees between -10°C and +50°C. Because of this reason, in working conditions, you should pay attention that maximum temperature does not exceed 60°C. When operating at high temperature values or using different type of oil, please kindly consult PGR.

1.1. Maintenance Free Grease Lubrication

Lubricated with grease for life for usage of all mounting positions. Please kindly do not need for adding grease. It will provide an average of 20.000 operating hours or 5 years of operating life

1.1 .Relubrication with Grease

After 500 hours of operation or 2 months of operation, it should be lubricated with grease again. The grease in the gear unit provides 2 years of operation under normal conditions without any problem. However, due to the variability of working hours, we recommend changing the grease every 3 to 6 months. When relubricating with grease, the properties of the oil in the gearbox should be same with the oil which will be added. Please kindly do not allow to mix different types of greases.

*** When changing the grease, it must be ensured that the gear unit is completely filled with new grease.

2. Lubrication with oil bath

All lubricating oils that meet the requirements of DIN 51 517 Part 3 are suitable. Depending on the ambient or operating temperature, according to DIN 51 519, the viscosity class should be selected

1. Schmierung mit Fett

Standardfette sind für den Betrieb bei Temperaturen zwischen -10°C und +50°C geeignet. Daher ist zu beachten, dass die maximale Temperatur im Dauerbetriebszustand 60°C nicht überschreitet. Bei Betrieb mit höheren Temperaturen oder bei Verwendung alternativer Öle bitte PGR kontaktieren.

1.1. Wartungsfreie Schmierung mit Fett

Lebensdauer geschmiert mit Fett für alle Montagepositionen. Es ist kein zusätzliches Fett erforderlich. Es wird eine durchschnittliche Lebensdauer von 20.000 Betriebsstunden oder 5 Jahren geboten.

1.1. Erneute Schmierung mit Fett

Nach 500 Betriebsstunden oder 2 Monaten Betrieb muss erneut mit Fett geschmiert werden. Das Fett im Getriebe ermöglicht im Normalfall 2 Jahre problemlosen Betrieb. Aufgrund der Variabilität der Betriebsstunden empfehlen wir jedoch das Fett alle 3 bis 6 Monate zu wechseln. Bei erneutem Schmiermüssen die Eigenschaften des im Getriebe vorhandenen Öls und die Eigenschaften des hinzuzufügenden Öls identisch sein. Das Mischen verschiedener Fette ist nicht erlaubt.

*** Beim Fettwechsel ist darauf zu achten, dass das Getriebe vollständig mit neuem Fett gefüllt ist.

2. Schmierung mit Ölbad

Geeignet sind alle Schmieröle nach DIN 51 517 Teil 3. Je nach Umgebungs- oder Betriebstemperatur muss die Viskositätsklasse nach DIN 51 519 gewählt werden.

| DIN 51517 Bölüm 3'e göre yağlayıcı Schmierstoff nach DIN 51517 Teil 3 Lubricant as per DIN 51 517 part 3 | Çalışma sıcaklıkları / working temperatures / Betriebstemperaturen / °C | | | | | | | | | |
|--|---|----|------|------|------|------|-------|-------|--|--|
| | ortam / ambience / Umgebung | | | | | | | | | |
| | -20° | 0° | +20° | +40° | +60° | +80° | +100° | +120° | | |
| ISO VG 68 | | | | | | | | | | |
| ISO VG 100 | | | | | | | | | | |
| ISO VG 150 | | | | | | | | | | |
| ISO VG 220 | | | | | | | | | | |
| ISO VG 320 | | | | | | | | | | |

2.1 Önerilen yağlar

2.1 Recommended oils

2.1 Empfohlene Schmieröle

| Redüktör Tipi Type of gearbox Getriebetyp | Yağ Tipi Type of Lubricant Schmierstoffsorte | Ortam Sıcaklığı / Ambient Temp. °C / Umgebungstemperatur | ISO vizkozite sınıfı viscosity class Viskositätsklasse | SHELL | MOBİL | BP | ESSO | DEA | ARAL | CASTROL | TRIBOL | KLÜBER |
|--|--|--|--|-----------------------|--------------------------|-------------------|--------------------|---|-----------------|---|----------------------------|-------------------------|
| Sikloid serisi Redüktörler | Mineral yağ Mineral oil Mineralöl | - 5...40 Normal | ISO VG 220 | Shell Omala Oel 220 | Mobilgear 600 XP 220 | Energol GR-XP 220 | Spartan EP 220 | Deagear DX SAE 85W-90 Falcon CLP 220 | Degol BG 220 | Alpha SP 220 Alpha MW 220 Alpha MAX 220 | Tribol 1100/220 | Klüberoil GEM 1-220 |
| | | -15...25 | ISO VG 100 | Shell omala Oel 100 | Mobilgear 600 XP 150 | Energol GR-XP 100 | Spartan EP 100 | Deagear DX SAE 80W Falcon CLP 150 | Degol BG 100 | Alpha SP 100 Alpha MW 100 Alpha MAX 220 | Tribol 1100/100 | Klüberoil GEM 1-100 |
| cycloid series gear units Zykloid- getriebe | Sintetik yağ Synthetic oil Synthetisches Öl | # - 50...-15 | ISO VG 15 | Shell Tellus Oel T 15 | Mobil DTE 10 Excel 15 | Bartran HV 15 | Univis J 13 | Alkraft Hydraulic Oil 15 | Vitamol 1010 | Hypsin AWS 15 Hypsin SP 15 Hypsin ZZ 15 | Tribol 770 | Isoflex MT 30 rot |
| | | - 25...80 | ISO VG 220 | Shell Tivela Oel WB | Mobil Glygoyle 30 | Enersyn SG-XP 220 | ESSO Glycolube 220 | Polydea PGLP 220 | Degol GS 220 | Alphasyn PG 220 | Tribol 800/220 | Klübersynth GH 6 - 220 |
| | | - 25...80 | ISO VG 220 | | | | | Plantogear 220 S | Bio-Degol S 220 | Carelude GES 220 | Tribol Bio Top1418/220 | Klüber - Bio GM 2 - 220 |
| | Biyolojik Sintetik yağ Biodegradable oil Biologisches Synthetisches Öl | - 25...80 | ISO VG 220 | | | | | | | | | |
| | Gıda yağları Food - grade oil Lebensmittelleöle | - 25...80 | ISO VG 220 | Cassida 220 | Mobil SHC Cibus 220 | | GEAR OIL FM 220 | Renolin 220 | Degol FG 220 | OPTIMOL optilube GE 220 | Tribol Food Proof 1810/220 | Klüberoil 4UH1 - 220 |

| Redüktör Tipi Type of gearbox Getriebetyp | Yağ Tipi Type of Lubricant Schmierstoffsorte | Ortam Sıcaklığı Ambient Temp. °C Umgebungstemperatur | Üretici Firma Manufacturer Hersteller | Tanım Description Beschreibung |
|--|--|--|---|--------------------------------------|
| Sikloid serisi redüktörler Cycloid series gear units Zykloidgetriebe | Gres Grease Fett | - 10...50 | SHELL | Gadus S2 V100 2 |
| | | - 10...50 | MOBİL | UNIREX N2 |

IT LUBRIFICAZIONE

1. Lubrificazione con grasso

I grassi standard sono adatti al funzionamento a temperature comprese tra -10°C e +50°C. Per questo motivo, è necessario fare attenzione che la temperatura massima in funzionamento continuo non superi i 60°C. Se sono necessarie temperature elevate o se si utilizzano lubrificanti diversi, contattare PGR.

1.1. Lubrificazione a grasso senza manutenzione

Lubrificato con grasso a vita per l'uso in tutte le posizioni di montaggio. Non è necessario aggiungere altro grasso. Fornirà una media di 20.000 ore di funzionamento o una vita utile di 5 anni.

1.1. Rilubrificazione con grasso

Dopo 500 ore di funzionamento o 2 mesi di funzionamento, è necessaria una rilubrificazione con grasso. Il grasso nel riduttore garantisce 2 anni di funzionamento senza problemi in condizioni normali. Tuttavia, a causa della variabilità delle ore di lavoro, si consiglia di sostituire il grasso ogni 3-6 mesi. In fase di reingrassaggio, le proprietà dell'olio presente nel riduttore e quelle dell'olio da aggiungere dovrebbero essere lo stesso. Non è consentito mescolare grassi diversi.

*** Quando si sostituisce il grasso, accertarsi che il riduttore sia completamente riempito di grasso nuovo.

2. Lubrificazione a bagno d'olio

Sono idonei tutti gli oli lubrificanti che soddisfano i requisiti della norma DIN 51 517 parte 3. A seconda della temperatura ambiente o di esercizio, deve essere selezionata la classe di viscosità secondo la norma DIN 51 519.

FR LUBRIFICATION

1. Lubrification à la graisse

Les graisses standard conviennent à un fonctionnement à des températures comprises entre -10°C et +50°C. Pour cette raison, il faut veiller à ce que la température maximale en fonctionnement continu ne dépasse pas 60°C. Contactez PGR lorsqu'il est nécessaire de travailler à des valeurs de température élevées ou si différentes huiles sont utilisées.

1.1. Lubrification à la graisse sans entretien

Lubrifié à la graisse à vie pour une utilisation dans toutes les positions de montage. Pas besoin d'ajouter de graisse supplémentaire. Il fournira une moyenne de 20 000 heures de fonctionnement ou 5 ans de durée de vie.

1.1. relubrification avec de la graisse

Après 500 heures de fonctionnement ou 2 mois de fonctionnement, il doit être à nouveau lubrifié avec de la graisse. La graisse dans le réducteur offre 2 ans de fonctionnement sans problème dans des conditions normales. Cependant, en raison de la variabilité des heures de travail, nous recommandons de changer la graisse tous les 3 à 6 mois. En relubrification à la graisse, les propriétés de l'huile de la boîte de vitesses et de l'huile à ajouter devrait être les mêmes. Le mélange de différentes graisses ne devrait pas être autorisé.

*** Lors du changement de graisse, on doit assurer que le réducteur est entièrement rempli de graisse neuve.

2. Lubrification à la bain d'huile

Toutes les huiles lubrifiantes qui satisfont aux exigences de la norme DIN 51 517 partie 3 conviennent. En fonction de la température ambiante ou de fonctionnement, la classe de viscosité doit être sélectionnée selon DIN 51 519.

ES LUBRICACIÓN

1. Lubricación con grasa

Las grasas estándar son adecuadas para funcionar a temperaturas entre -10°C y +50°C. Por esta razón, se debe tener cuidado de que la temperatura máxima en funcionamiento continuo no supere los 60°C. Póngase en contacto con PGR si se requieren temperaturas elevadas o si se utilizan lubricantes diferentes.

1.1. Lubricación con grasa sin mantenimiento

Lubrificado con grasa de por vida para su uso en todas las posiciones de montaje. No es necesario añadir grasa adicional. Proporcionará una media de 20.000 horas de funcionamiento o una vida útil de 5 años.

1.1. Relubrificación con grasa

Después de 500 horas de funcionamiento o 2 meses de funcionamiento, es necesario volver a lubricar con grasa. La grasa del reductor proporciona 2 años de funcionamiento sin problemas en condiciones normales. Sin embargo, debido a la variabilidad de las horas de trabajo, recomendamos cambiar la grasa cada 3 a 6 meses. En el reengrase, las propiedades del aceite del reductor y las del aceite que se va a añadir deben ser lo mismo. No se debe permitir la mezcla de diferentes grasas.

*** Al cambiar la grasa, asegúrese de que el reductor esté completamente lleno de grasa nueva.

2. Lubricación por baño de aceite

Son adecuados todos los aceites lubricantes que cumplan los requisitos de la norma DIN 51 517 Parte 3. Dependiendo de la temperatura ambiente o de funcionamiento, debe seleccionarse la clase de viscosidad según la norma DIN 51 519.

| Lubrificante secondo DIN 51517 Parte 3 Lubrifiant selon DIN 51517 partie 3 Lubrificante según DIN 51517 Parte 3 | Temperature di esercizio °C / Températures de fonctionnement °C / Temperaturas de funcionamiento °C | | | | | | | | | |
|---|---|----|------|------|------|------|-------|-------|--|--|
| | ambiente / Environnement / medio ambiente | | | | | | | | | |
| | -20° | 0° | +20° | +40° | +60° | +80° | +100° | +120° | | |
| ISO VG 68 | | | | | | | | | | |
| ISO VG 100 | | | | | | | | | | |
| ISO VG 150 | | | | | | | | | | |
| ISO VG 220 | | | | | | | | | | |
| ISO VG 320 | | | | | | | | | | |

2.1 Oli consigliati

2.1 Les huiles recommandées

2.1 Aceites recomendados

| Tipo di riduttore / Le type de réducteur / Tipo de reductor | Tipo di olio / Le type d'huile / Tipo de aceite | Temperatura ambiente °C / Température d'environnement / Temperatura ambiente | Classe di viscosità ISO / Classe de viscosité ISO / Clase de viscosidad ISO | SHELL | MOBIL | BP | ESSO | DEA | ARAL | CASTROL | TRIBOL | KLÜBER |
|---|--|--|---|-----------------------|--------------------------|-------------------|--------------------|---|-----------------|---|----------------------------|-------------------------|
| Riduttori della serie cicloide Les réducteurs cycloïdaux | Olio minerale / Huile minerale / Aceite mineral | -5...40 Normal | ISO VG 220 | Shell Omala Oel 220 | Mobilgear 600 XP 220 | Energol GR-XP 220 | Spartan EP 220 | Deagear DX SAE 85W-90 Falcon CLP 220 | Degol BG 220 | Alpha SP 220 Alpha MW 220 Alpha MAX 220 | Tribol 1100/220 | Klüberoil GEM 1-220 |
| | Olio sintetico / Huile synthétique / Aceite sintético | -15...25 | ISO VG 100 | Shell omala Oel 100 | Mobilgear 600 XP 150 | Energol GR-XP 100 | Spartan EP 100 | Deagear DX SAE 80W Falcon CLP 150 | Degol BG 100 | Alpha SP 100 Alpha MW 100 Alpha MAX 220 | Tribol 1100/100 | Klüberoil GEM 1-100 |
| Unidades de engranajes de la serie cicloide | Olio sintetico biologico / Huile biologique synthétique / Aceite sintético biologico | # -50...-15 | ISO VG 15 | Shell Tellus Oel T 15 | Mobil DTE 10 Excel 15 | Bartran HV 15 | Univis J 13 | Airkraft Hydraulic Oil 15 | Vitolol 1010 | Hypsin AWS 15 Hypsin SP 15 Hypsin ZZ 15 | Tribol 770 | Isoflex MT 30 rot |
| | Oli alimentari / Huiles alimentaires / Aceites alimentarios | -25...80 | ISO VG 220 | Shell Tivela Oel WB | Mobil Glygoyle 30 | Energol SG-XP 220 | ESSO Glycolube 220 | Polydea PGLP 220 | Degol GS 220 | Alphasyn PG 220 | Tribol 800/220 | Klübersynth GH 6 - 220 |
| | | -25...80 | ISO VG 220 | | | | | Plantogear 220 S | Bio-Degol S 220 | Carellube GES 220 | Tribol Bio Top1418/220 | Klüber - Bio GM 2 - 220 |
| | | -25...80 | ISO VG 220 | Cassida 220 | Mobil SHC Cibus 220 | | GEAR OIL FM 220 | Renolin 220 | Degol FG 220 | OPTIMOL optilub GE 220 | Tribol Food Proof 1810/220 | Klüberoil 4UH1 - 220 |

| Tipo di riduttore / Le type de réducteur / Tipo de reductor | Tipo di olio / Le type d'huile / Tipo de aceite | Temperatura ambiente °C / Température d'environnement / Temperatura ambiente | Produttrice / Fabricante / Fabricante | Descrizione / Description / Descripción |
|--|---|--|---------------------------------------|---|
| Riduttori della serie cicloide / Les réducteurs cycloïdaux / Unidades de engranajes de la serie cicloide | Grasso / Graisse / Grasa | -10...50 | SHELL | Gadus S2 V100 2 |
| | | -10...50 | MOBIL | UNIREX N2 |

TR YAĞLAMA

EN LUBRICATION

DE SCHMIERUNG

2.2. Yağ Miktarları

Aşağıda belirtilen yağ miktarları yaklaşık değerlerdir. Redüktörün yağ seviyesi mutlaka yağ seviye göstergesinden takip edilmelidir. Ayrıca yağsız gönderilen redüktörlere etiket üzerinde yaklaşık olarak belirtilen miktar kadar yağ konulmalıdır.

2.2. Amount of Lubrication

The below oil amounts are approximate. The oil level of the gear unit must be followed from the oil level indicator. In addition, gear units which is sent without oil should be filled with amount of oil which is indicated on label

2.2. Ölmenge

Die unten aufgeführten Ölmenge sind ungefähre Angaben. Der Ölstand des Getriebes muss immer von der Ölstandsanzeige verfolgt werden. Darüber hinaus sollten Getriebe, die ohne Öl geliefert wurden, mit ungefähr der angegebenen Ölmenge auf dem Etikett befüllt werden.

- Gres miktarı ~ (g) / Amount of grease ~ (g) / - Fettmenge ~ (g)

| Tek Kademeli / Single Reduction / Einstufig | | | | | | |
|---|-----|-----|-----|-----|-----|-----|
| Tip / Type / Typ | 607 | 608 | 609 | 610 | 611 | 612 |
| Redüktör kısmı / Reduction portion / Getriebeabschnitt | 25 | 25 | 90 | 140 | 330 | 330 |
| Çıkış mili rulman kısmı / Output shaft bearing portion / Lagerabschnitt der Abtriebswelle | 35 | 35 | 100 | 100 | 120 | 120 |

Litre cinsinden yağ miktarı ~ / Quantity of oil in litres ~ / Ölmenge in Liter ~

| Tek Kademeli / Single Reduction / Einstufig | | | | | | | | | |
|---|--|----|----|---|----|------|--|----|------|
| Tip Type Typ | H Ayak montajlı / Foot mounting / Fußbefestigung | | | V Flanş montajlı / Flange mounting / Flanschbefestigung | | | F Gövde montajlı / Case mounted / Gehäuse Flanschmontage | | |
| | M1 | M2 | M4 | M1 | M2 | M4 | M1 | M2 | M4 |
| 607 | G | G | G | G | G | G | G | G | G |
| 608 | G | G | G | G | G | G | G | G | G |
| 609 | G | G | G | G | G | G | G | G | G |
| 610 | G | G | G | G | G | G | G | G | G |
| 611 | G | G | G | G | G | G | G | G | G |
| 612 | G | G | G | G | G | G | G | G | G |
| 613 | 0.7 | G | G | 0.7 | G | 1.1 | 0.25 | G | 0.5 |
| 614 | 0.7 | G | G | 0.7 | G | 1.1 | 0.25 | G | 0.5 |
| 615 | 0.7 | G | G | 0.7 | G | 1.1 | 0.25 | G | 0.5 |
| 616 | 1.4 | G | G | 1.4 | G | 1.0 | 0.9 | G | 0.7 |
| 617 | 1.9 | G | G | 1.9 | G | 1.9 | 1.5 | G | 1.5 |
| 618 | 2.5 | G | G | 2.5 | G | 2.0 | 1.3 | G | 1.0 |
| 619 | 4.0 | G | G | 4.0 | G | 2.7 | 2.0 | G | 1.5 |
| 620 | 5.5 | G | G | 5.5 | G | 5.7 | 3.0 | G | 3.0 |
| 621 | 8.5 | G | G | 8.5 | G | 7.5 | 4.0 | G | 3.7 |
| 622 | 10.0 | G | G | 10.0 | G | 10.0 | 5.0 | G | 5.0 |
| 623 | 15.0 | G | G | 15.0 | G | 12.0 | 7.5 | G | 6.0 |
| 624 | 16.0 | G | G | 16.0 | G | 15.0 | 8.0 | G | 7.5 |
| 625 | 21.0 | G | G | 21.0 | G | 42.0 | 11.0 | G | 22.0 |
| 626 | 29.0 | G | G | 29.0 | G | 51.0 | 14.0 | G | 26.0 |
| 627 | 56.0 | G | G | 56.0 | G | 60.0 | 30.0 | G | 33.0 |

IT LUBRIFICAZIONE

FR LUBRIFICATION

ES LUBRICACIÓN

2.2. Quantità di olio

Le quantità di oli indicate di seguito sono approssimative. Il livello dell'olio del riduttore deve essere monitorato dall'indicatore di livello dell'olio. Inoltre, ai riduttori inviati senza olio deve essere aggiunta una quantità di olio pari a quella indicata sull'etichetta.

2.2 Quantités d'huile

Les quantités d'huile suivantes sont approximatives. Le niveau d'huile du réducteur doit être surveillé à partir de l'indicateur de niveau d'huile. De plus, environ la quantité d'huile indiquée sur l'étiquette doit être ajoutée aux boîtes de vitesses qui sont envoyées sans huile.

2.2. Cantidades de aceite

Las cantidades de aceites indicadas a continuación son aproximadas. El nivel de aceite del reductor debe ser controlado por el indicador de nivel de aceite. Además, debe añadirse aproximadamente la cantidad de aceite especificada en la etiqueta a las unidades de engranaje enviadas sin aceite.

Quantità di grasso ~ (g) / Quantité de graisse ~ (g) / Cantidad de grasa ~ (g)

| Singolo stadio / 1.étage / Etapa única | | | | | | |
|--|-----|-----|-----|-----|-----|-----|
| Tipo / Type / Tipo | 607 | 608 | 609 | 610 | 611 | 612 |
| Parte del riduttore / La partie de réducteur / Pieza del reductor | 25 | 25 | 90 | 140 | 330 | 330 |
| Parte del cuscinetto dell'albero di uscita / Pièce de roulement d'arbre de sortie / Pieza del rodamiento del eje de salida | 35 | 35 | 100 | 100 | 120 | 120 |

-Quantità olio in litri ~ / Quantité d'huile en litres ~ / Cantidad de aceite en litros ~

| Singolo stadio / 1.étage / Etapa única | | | | | | | | | |
|--|--|----|----|---|----|------|--|----|------|
| Tipo Type Tipo | H Fissaggio piede / Fixation à pattes / Fijación por patas | | | V Fissaggio flangia / Fixation à bride / Fijación por brida | | | F montato su custodia / boîtier monté / caja montada | | |
| | M1 | M2 | M4 | M1 | M2 | M4 | M1 | M2 | M4 |
| 607 | G | G | G | G | G | G | G | G | G |
| 608 | G | G | G | G | G | G | G | G | G |
| 609 | G | G | G | G | G | G | G | G | G |
| 610 | G | G | G | G | G | G | G | G | G |
| 611 | G | G | G | G | G | G | G | G | G |
| 612 | G | G | G | G | G | G | G | G | G |
| 613 | 0.7 | G | G | 0.7 | G | 1.1 | 0.25 | G | 0.5 |
| 614 | 0.7 | G | G | 0.7 | G | 1.1 | 0.25 | G | 0.5 |
| 615 | 0.7 | G | G | 0.7 | G | 1.1 | 0.25 | G | 0.5 |
| 616 | 1.4 | G | G | 1.4 | G | 1.0 | 0.9 | G | 0.7 |
| 617 | 1.9 | G | G | 1.9 | G | 1.9 | 1.5 | G | 1.5 |
| 618 | 2.5 | G | G | 2.5 | G | 2.0 | 1.3 | G | 1.0 |
| 619 | 4.0 | G | G | 4.0 | G | 2.7 | 2.0 | G | 1.5 |
| 620 | 5.5 | G | G | 5.5 | G | 5.7 | 3.0 | G | 3.0 |
| 621 | 8.5 | G | G | 8.5 | G | 7.5 | 4.0 | G | 3.7 |
| 622 | 10.0 | G | G | 10.0 | G | 10.0 | 5.0 | G | 5.0 |
| 623 | 15.0 | G | G | 15.0 | G | 12.0 | 7.5 | G | 6.0 |
| 624 | 16.0 | G | G | 16.0 | G | 15.0 | 8.0 | G | 7.5 |
| 625 | 21.0 | G | G | 21.0 | G | 42.0 | 11.0 | G | 22.0 |
| 626 | 29.0 | G | G | 29.0 | G | 51.0 | 14.0 | G | 26.0 |
| 627 | 56.0 | G | G | 56.0 | G | 60.0 | 30.0 | G | 33.0 |

TR YAĞLAMA **EN** LUBRICATION **DE** SCHMIERUNG

- Gres miktarı ~ (g) / Amount of grease ~ (g) / - Fettmenge ~ (g)

| İki Kademeli / Double Reduction / Zweistufig | | | | | | | | | | | | | | | | | | |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Tip / Type / Typ | 607-07 | 608-07 | 609-08 | 610-08 | 611-08 | 611-09 | 613-08 | 613-09 | 613-10 | 614-08 | 614-09 | 614-10 | 616-09 | 616-10 | 616-11 | 617-09 | 617-10 | 617-11 |
| 1. kademe, Redüktör kısmı / 1.Stage, Gear unit part / 1. Stufe, Getriebeabschnitt | 25 | | | | 90 | 25 | 90 | 140 | 25 | 90 | 140 | 90 | 140 | 330 | 90 | 140 | 330 | |
| 2. kademe, Redüktör kısmı / 2.Stage, Gear unit part / 2. Stufe, Getriebeabschnitt | 25 | 90 | 140 | 330 | 450 | | | | 750 | | | 1000 | | | | | | |
| 2 kademe, Çıkış mili rulman kısmı / 2.Stage, Output shaft bearing part / 2. Stufen, Lagerabschnitt der Abtriebswelle | 35 | 35 | 100 | 100 | 120 | 300 | | | | 500 | | | | | | | | |

| İki Kademeli / Double Reduction / Zweistufig | | | | | | | | | | | | | | | | | |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Tip / Type / Typ | 618-10 | 618-13 | 619-11 | 619-13 | 620-11 | 620-13 | 621-13 | 621-16 | 622-13 | 622-17 | 623-16 | 623-18 | 624-16 | 624-18 | 625-17 | 625-19 | 626-19 |
| 1. kademe, Redüktör kısmı / 1.Stage, Gear unit part / 1. Stufe, Getriebeabschnitt | 140 | 450 | 330 | 450 | 330 | 450 | 750 | 450 | 1000 | 750 | 1100 | 750 | 1100 | 1000 | 1500 | 1500 | |
| 2. kademe, Redüktör kısmı / 2.Stage, Gear unit part / 2. Stufe, Getriebeabschnitt | 1100 | | 1500 | | 1500 | | 2000 | | 2500 | | 4000 | | 4500 | | 6000 | | 8000 |
| 2 kademe, Çıkış mili rulman kısmı / 2.Stage, Output shaft bearing part / 2. Stufen, Lagerabschnitt der Abtriebswelle | 600 | | 700 | | 700 | | 800 | | 900 | | 1000 | | 1100 | | 1200 | | 1300 |

- Litre cinsinden yağ miktarı ~ / Quantity of oil in litres ~ / Ölmenge (Liter) ~

| İki Kademeli / Double Reduction / Zweistufig | | | | | | | | | |
|--|--|----|----|---|----|------|--|----|------|
| Tip / Type / Typ | H Ayak montajlı / Foot mounting / Fußbefestigung / | | | V Flanş montajlı / Flange mounting / Flanschbefestigung | | | F Gövde montajlı / Case mounted / Gehäuse Flanschmontage | | |
| | M1 | M2 | M4 | M1 | M2 | M4 | M1 | M2 | M4 |
| 607 - 07 | G | G | G | G | G | G | G | G | G |
| 608 - 07 | G | G | G | G | G | G | G | G | G |
| 609 - 08 | G | G | G | G | G | G | G | G | G |
| 610 - 08 | G | G | G | G | G | G | G | G | G |
| 611 - 08 | G | G | G | G | G | G | G | G | G |
| 611 - 09 | G | G | G | G | G | G | G | G | G |
| 613 - 08 | G | G | G | G | G | G | G | G | G |
| 613 - 09 | G | G | G | G | G | G | G | G | G |
| 613 - 10 | G | G | G | G | G | G | G | G | G |
| 614 - 08 | G | G | G | G | G | G | G | G | G |
| 614 - 09 | G | G | G | G | G | G | G | G | G |
| 614 - 10 | G | G | G | G | G | G | G | G | G |
| 616 - 09 | G | G | G | G | G | G | G | G | G |
| 616 - 10 | G | G | G | G | G | G | G | G | G |
| 616 - 11 | 1.5 | G | G | 1.5 | G | 1.0 | 1.0 | G | 0.8 |
| 617 - 09 | G | G | G | G | G | G | G | G | G |
| 617 - 10 | G | G | G | G | G | G | G | G | G |
| 617 - 11 | 2.4 | G | G | 2.4 | G | 1.9 | 2.0 | G | 1.7 |
| 618 - 10 | G | G | G | G | G | G | G | G | G |
| 618 - 13 | 3.5 | G | G | 3.5 | G | 2.0 | 2.3 | G | 1.5 |
| 619 - 11 | 5.8 | G | G | 5.8 | G | 2.7 | 3.8 | G | 2.0 |
| 619 - 13 | 6.0 | G | G | 6.0 | G | 2.7 | 4.0 | G | 2.0 |
| 620 - 11 | 5.8 | G | G | 5.8 | G | 11.0 | 3.8 | G | 7.0 |
| 620 - 13 | 6.0 | G | G | 6.0 | G | 11.0 | 4.0 | G | 7.0 |
| 621 - 13 | 10.0 | G | G | 10.0 | G | 14.0 | 5.5 | G | 8.0 |
| 621 - 16 | 10.0 | G | G | 10.0 | G | 14.0 | 5.5 | G | 8.0 |
| 622 - 13 | 11.0 | G | G | 11.0 | G | 18.0 | 6.0 | G | 9.0 |
| 622 - 17 | 11.0 | G | G | 11.0 | G | 18.0 | 6.0 | G | 9.0 |
| 623 - 16 | 17.0 | G | G | 17.0 | G | 23.0 | 9.5 | G | 12.5 |
| 623 - 18 | 17.0 | G | G | 17.0 | G | 23.0 | 9.5 | G | 12.5 |
| 624 - 16 | 18.0 | G | G | 18.0 | G | 29.0 | 10.0 | G | 16.5 |
| 624 - 18 | 18.0 | G | G | 18.0 | G | 29.0 | 10.0 | G | 16.5 |
| 625 - 17 | 23.0 | G | G | 23.0 | G | 42.0 | 13.0 | G | 24.0 |
| 625 - 19 | 23.0 | G | G | 23.0 | G | 42.0 | 13.0 | G | 24.0 |
| 626 - 19 | 32.0 | G | G | 32.0 | G | 51.0 | 17.0 | G | 30.0 |
| 627 - 19 | 70.0 | G | G | 70.0 | G | 60.0 | 44.0 | G | 40.0 |

IT LUBRIFICAZIONE **FR** LUBRIFICATION **ES** LUBRICACIÓN

Quantità di grasso ~ (g) / Quantité de graisse ~ (g) / Cantidad de grasa ~ (g)

| A due stadi / 2.étage / Dos etapas | | | | | | | | | | | | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Tipo / Type / Tipo | 607-07 | 608-07 | 609-08 | 610-08 | 611-08 | 611-09 | 613-08 | 613-09 | 613-10 | 614-08 | 614-09 | 614-10 | 616-09 | 616-10 | 616-11 | 617-09 | 617-10 | 617-11 |
| 1° stadio, parte del riduttore / 1.étage, la partie de réducteur / 1ª etapa, pieza del reductor | 25 | | | | 90 | 25 | 90 | 140 | 25 | 90 | 140 | 90 | 140 | 330 | 90 | 140 | 330 | |
| 2° stadio, parte riduttore / 2.étage, la partie de réducteur / 2ª etapa, pieza del reductor | 25 | 90 | 140 | 330 | 450 | | | | 750 | | | | 1000 | | | | | |
| 2 stadi, parte del cuscinetto dell'albero di uscita 2.étage, pièce de roulement d'arbre de sortie 2 etapas, pieza de rodamiento del eje de salida | 35 | 35 | 100 | 100 | 120 | | | | 300 | | | | 500 | | | | | |

| A due stadi / 2.étage / Dos etapas | | | | | | | | | | | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Tipo / Type / Tipo | 618-10 | 618-13 | 619-11 | 619-13 | 620-11 | 620-13 | 621-13 | 621-16 | 622-13 | 622-17 | 623-16 | 623-18 | 624-16 | 624-18 | 625-17 | 625-19 | 626-19 |
| 1° stadio, parte del riduttore / 1.étage, la partie de réducteur / 1ª etapa, pieza del reductor | 140 | 450 | 330 | 450 | 330 | 450 | 750 | 450 | 1000 | 750 | 1100 | 750 | 1100 | 1000 | 1500 | 1500 | |
| 2° stadio, parte riduttore / 2.étage, la partie de réducteur / 2ª etapa, pieza del reductor | 1100 | | 1500 | | 1500 | | 2000 | | 2500 | | 4000 | | 4500 | | 6000 | | 8000 |
| 2 stadi, parte del cuscinetto dell'albero di uscita 2.étage, pièce de roulement d'arbre de sortie 2 etapas, pieza de rodamiento del eje de salida | 600 | | 700 | | 700 | | 800 | | 900 | | 1000 | | 1100 | | 1200 | | 1300 |

- Quantità olio in litri ~ / Quantité d'huile en litres ~ / Cantidad de aceite en litros ~

| A due stadi / 2.étage / Dos etapas | | | | | | | | | |
|------------------------------------|--|----|----|---|----|------|--|----|------|
| Tipo / Type / Tipo | H Fissaggio piede / Fixation à pattes / Fijación por patas | | | V Fissaggio flangia / Fixation à bride / Fijación por brida | | | F montato su custodia / boîtier monté / caja montada | | |
| | M1 | M2 | M4 | M1 | M2 | M4 | M1 | M2 | M4 |
| 607 - 07 | G | G | G | G | G | G | G | G | G |
| 608 - 07 | G | G | G | G | G | G | G | G | G |
| 609 - 08 | G | G | G | G | G | G | G | G | G |
| 610 - 08 | G | G | G | G | G | G | G | G | G |
| 611 - 08 | G | G | G | G | G | G | G | G | G |
| 611 - 09 | G | G | G | G | G | G | G | G | G |
| 613 - 08 | G | G | G | G | G | G | G | G | G |
| 613 - 09 | G | G | G | G | G | G | G | G | G |
| 613 - 10 | G | G | G | G | G | G | G | G | G |
| 614 - 08 | G | G | G | G | G | G | G | G | G |
| 614 - 09 | G | G | G | G | G | G | G | G | G |
| 614 - 10 | G | G | G | G | G | G | G | G | G |
| 616 - 09 | G | G | G | G | G | G | G | G | G |
| 616 - 10 | G | G | G | G | G | G | G | G | G |
| 616 - 11 | 1.5 | G | G | 1.5 | G | 1.0 | 1.0 | G | 0.8 |
| 617 - 09 | G | G | G | G | G | G | G | G | G |
| 617 - 10 | G | G | G | G | G | G | G | G | G |
| 617 - 11 | 2.4 | G | G | 2.4 | G | 1.9 | 2.0 | G | 1.7 |
| 618 - 10 | G | G | G | G | G | G | G | G | G |
| 618 - 13 | 3.5 | G | G | 3.5 | G | 2.0 | 2.3 | G | 1.5 |
| 619 - 11 | 5.8 | G | G | 5.8 | G | 2.7 | 3.8 | G | 2.0 |
| 619 - 13 | 6.0 | G | G | 6.0 | G | 2.7 | 4.0 | G | 2.0 |
| 620 - 11 | 5.8 | G | G | 5.8 | G | 11.0 | 3.8 | G | 7.0 |
| 620 - 13 | 6.0 | G | G | 6.0 | G | 11.0 | 4.0 | G | 7.0 |
| 621 - 13 | 10.0 | G | G | 10.0 | G | 14.0 | 5.5 | G | 8.0 |
| 621 - 16 | 10.0 | G | G | 10.0 | G | 14.0 | 5.5 | G | 8.0 |
| 622 - 13 | 11.0 | G | G | 11.0 | G | 18.0 | 6.0 | G | 9.0 |
| 622 - 17 | 11.0 | G | G | 11.0 | G | 18.0 | 6.0 | G | 9.0 |
| 623 - 16 | 17.0 | G | G | 17.0 | G | 23.0 | 9.5 | G | 12.5 |
| 623 - 18 | 17.0 | G | G | 17.0 | G | 23.0 | 9.5 | G | 12.5 |
| 624 - 16 | 18.0 | G | G | 18.0 | G | 29.0 | 10.0 | G | 16.5 |
| 624 - 18 | 18.0 | G | G | 18.0 | G | 29.0 | 10.0 | G | 16.5 |
| 625 - 17 | 23.0 | G | G | 23.0 | G | 42.0 | 13.0 | G | 24.0 |
| 625 - 19 | 23.0 | G | G | 23.0 | G | 42.0 | 13.0 | G | 24.0 |
| 626 - 19 | 32.0 | G | G | 32.0 | G | 51.0 | 17.0 | G | 30.0 |
| 627 - 19 | 70.0 | G | G | 70.0 | G | 60.0 | 44.0 | G | 40.0 |

TR

YAĞLAMA

EN

LUBRICATION

DE

SCHMIERUNG

Standart Yağlama Yöntemi

Standard Lubrication Method

Standardschmiermethode

| Tek Kademeli / Single Reduction / Einstufig | | | | | | | | | | | | | | | | | | | | | | |
|--|--|-----|-----|-----|-----|-----|--|-----|-----|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| Tip / Type / Typ | 607 | 608 | 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 | 617 | 618 | 619 | 620 | 621 | 622 | 623 | 624 | 625 | 626 | 627 | |
| Yatay tip Horizontal type Horizontal Typ | Bakım gerektirmeyen gres yağlama Grease lubrication without maintenance Wartungsfreie Fettschmierung | | | | | | Yağ banyolu yağlama Lubrication with oil bath Ölzung mit Ölbad | | | | | | | | | | | | | | | |
| Dikey tip Vertical type Vertikaler Typ | Bakım gerektirmeyen gres yağlama Grease lubrication without maintenance Wartungsfreie Fettschmierung | | | | | | Yağ banyolu yağlama Lubrication with oil bath Ölzung mit Ölbad | | | Zorunlu (sirkülasyonlu) Yağlama Forced (Circulating) lubrication Obligatorische (Zirkulations-) Ölzung | | | | | | | | | | | | TP |

| İki Kademeli / Double Reduction / Zweistufig | | | | | | | |
|--|--|----------------------------|----------------------------|--|------------------|------------------|--------|
| Tip / Type / Typ | 607-07 608-07 609-08 | 610-08 611-08 611-09 | 613-08 613-09 613-10 | 614-08 614-09 614-10 | 616-09 616-10 | 617-08 617-10 | 618-10 |
| Yatay tip Horizontal type Horizontal Typ | Bakım gerektirmeyen gres yağlama Grease lubrication without maintenance Wartungsfreie Fettschmierung | | | Gres Yağlama Grease Lubrication Fettschmierung | | | |
| Dikey tip Vertical type Vertikaler Typ | Bakım gerektirmeyen gres yağlama Grease lubrication without maintenance Wartungsfreie Fettschmierung | | | Gres Yağlama Grease Lubrication Fettschmierung | | | |

| İki Kademeli / Double Reduction / Zweistufig | | | | | | | | | | | | |
|--|---|-----------|-----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|---|
| Tip / Type / Typ | 616-11 | 617-11 | 618-13 | 619-11 619-13 | 620-11 620-13 | 621-13 621-16 | 622-13 622-17 | 623-16 623-18 | 624-16 624-18 | 625-17 625-19 | 626-19 | 627-19 |
| Yatay tip Horizontal type Horizontal Typ | Yağ banyolu yağlama Lubrication with oil bath Ölzung mit Ölbad | | | | | | | | | | | |
| Tahvil oranı Reduction ratio Übersetzungs- verhältnis | ~473 | ~841 | ~1015 | ~2065 | | | | ~2537 | | | | |
| Dikey tip Vertical type Vertikaler Typ | Zorunlu (sirkülasyonlu) Yağlama / Forced (Circulating) lubrication / Obligatorische (Zirkulations-) Ölzung | | | | | | | | | | | Zorunlu (sirkülasyon- lu) Yağlama / Forced (Circulating) lubrication / |
| Tahvil oranı Reduction ratio Übersetzungs- verhältnis | 559 ~ | 1003 ~ | 1247 ~ | 2537 ~ | | | | 3045 ~ | | | | |
| | Gres Yağlama / Grease Lubrication / Fettschmierung | | | | | | | | | | | Obligatorische (Zirkulations-) Ölzung (TP) |

* TP: Harici pompalı

*TP: with external pump

* TP: Mit externer Pumpe

* yağ banyolu veya yağ sirkülasyonlu olarak verilebilen re-
düktörler talep edilmesi durumunda gres yağlamalı olarak
verilebilmektedir.* The products which may be given as oil bath or
circulating lubrication may be given as grease lubrication
upon request.* Getriebe mit Ölbad oder Öl-zirkulation können nach
Anfrage mit Fettschmierung angeboten werden.

IT LUBRIFICAZIONE

FR LUBRIFICATION

ES LUBRICACIÓN

Metodo di lubrificazione standard

La méthode standart de lubrification

Método de lubricación estándar

| Singolo stadio / 1.étage / Etapa única | | | | | | | | | | | | | | | | | | | | | |
|---|--|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|
| Tipo / Type / Tipo | 607 | 608 | 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 | 617 | 618 | 619 | 620 | 621 | 622 | 623 | 624 | 625 | 626 | 627 |
| Tipo orizzontale Le type horizontal Tipo horizontal | Lubrificazione a grasso senza manutenzione Lubrification à la graisse sans entretien Lubricación por grasa sin mantenimiento | | | | | | Lubrificazione a bagno d'olio / Lubrification par bain d'huile / Lubricación por baño de aceite | | | | | | | | | | | | | | |
| Tipo verticale Le type verticale Tipo vertical | Lubrificazione a grasso senza manutenzione Lubrification à la graisse sans entretien Lubricación por grasa sin mantenimiento | | | | | | Lubrificazione a bagno d'olio / Lubrification par bain d'huile / Lubricación por baño de aceite | | | | | | Lubrificazione obbligatoria (circolante) Lubrification obligatoire (avec circulation) Lubricación obbligatoria (circolante) | | | | | | TP | | |

| A due stadi / 2.étage / Dos etapas | | | | | | | | |
|---|--|----------------------------|----------------------------|--|------------------|------------------|--------|--|
| Tipo / Type / Tipo | 607-07 608-07 609-08 | 610-08 611-08 611-09 | 613-08 613-09 613-10 | 614-08 614-09 614-10 | 616-09 616-10 | 617-08 617-10 | 618-10 | |
| Tipo orizzontale Le type horizontal Tipo horizontal | Lubrificazione a grasso senza manutenzione Lubrification à la graisse sans entretien Lubricación por grasa sin mantenimiento | | | Lubrificazione a grasso Lubrification avec de la graisse Lubricación con grasa | | | | |
| Tipo verticale Le type verticale Tipo vertical | Lubrificazione a grasso senza manutenzione Lubrification à la graisse sans entretien Lubricación por grasa sin mantenimiento | | | Lubrificazione a grasso Lubrification avec de la graisse Lubricación con grasa | | | | |

| A due stadi / 2.étage / Dos etapas | | | | | | | | | | | | | |
|--|--|--------|--------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------|--------|---|
| Tipo / Type / Tipo | 616-11 | 617-11 | 618-13 | 619-11 619-13 | 620-11 620-13 | 621-13 621-16 | 622-13 622-17 | 623-16 623-18 | 624-16 624-18 | 625-17 625-19 | 626-19 | 627-19 | |
| Tipo orizzontale Le type horizontal Tipo horizontal | Lubrificazione a bagno d'olio / Lubrification par bain d'huile / Lubricación por baño de aceite | | | | | | | | | | | | |
| Rapporto di riduzione / Rapport de réduction / Relación de reducción | ~473 | ~841 | ~1015 | ~2065 | | | | ~2537 | | | | | Lubrificazione obbligatoria (circolante) / Lubrification obligatoire (avec circulation) / Lubricación obbligatoria (circolante) |
| Tipo verticale Le type verticale Tipo vertical | Lubrificazione obbligatoria (circolante) / Lubrification obligatoire (avec circulation) / Lubricación obbligatoria (circolante) | | | | | | | | | | | | |
| Rapporto di riduzione / Rapport de réduction / Relación de reducción | ~559 | ~1003 | ~1247 | ~2537 | | | | ~3045 | | | | | Lubrificazione obbligatoria (circolante) (TP) |
| | Lubrificazione a grasso / Lubrification avec de la graisse / Lubricación con grasa | | | | | | | | | | | | |

* TP: con pompa esterna

* TP: Avec pompe externe

* TP: Con bomba externa

* I riduttori che possono essere forniti con bagno d'olio o circolazione d'olio possono essere forniti con lubrificazione a grasso su richiesta.

* Les réducteurs qui peuvent être fournis avec bain d'huile ou circulation d'huile peuvent être fournis avec lubrification à la graisse sur demande.

* Los reductores que pueden suministrarse con baño de aceite o con circulación de aceite pueden suministrarse con lubricación de grasa si se solicita.

TR YAĞLAMA - DİKEY TİP

EN LUBRICATION - VERTICAL TYPE

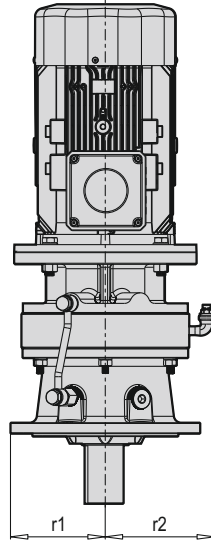
DE SCHMIERUNG - VERTIKALER TYP

IT LUBRIFICAZIONE - TIPO VERTICALE

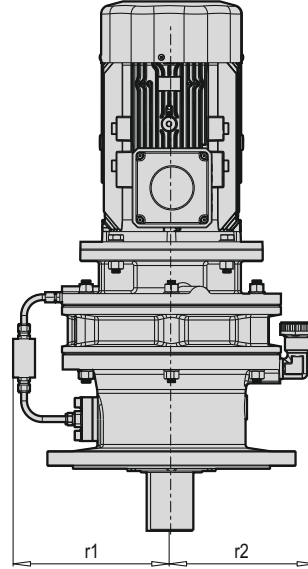
FR LUBRIFICATION -TYPE VERTICAL

ES LUBRICACIÓN - TIPO VERTICAL

TEK KADEMELİ - FLANŞ MONTAJLI
 SINGLE STAGE - FLANGE MOUNTED
 EINSTUFIG - FLANSCHMONTIERT
 MONOSTADIO - MONTAGGIO A FLANGIA
 ÉTAGE UNIQUE - MONTÉ SUR BRIDE
 ETAPA ÚNICA - MONTAJE CON BRIDA



613 ... 615



616 ... 626

| Tip / Type / Typ / Tipo / Type / Tipo | r1 | r2 |
|---|-----|-----|
| 613 | 157 | 214 |
| 614 | 157 | 214 |
| 615 | 157 | 214 |
| 616 | 222 | 205 |
| 617 | 227 | 230 |
| 618 | 242 | 245 |
| 619 | 270 | 275 |
| 620 | 346 | 292 |
| 621 | 353 | 311 |
| 622 | 357 | 331 |
| 623 | 364 | 349 |
| 624 | 375 | 376 |
| 625 | 431 | 404 |
| 626 | 465 | 436 |
| 627 | 615 | 618 |

* 627 gövde, motorsuz dikey montajlar için verilmiştir
 * It is given for Case dimension of 627 and without motor vertical mountings
 * Gehäuse 627, für vertikale Montage ohne Motor vorgesehen
 * alloggiamento 627, fornito per installazioni verticali senza motore
 * Corp 627 prévu pour les montages verticaux sans moteur
 * Carcasa 627, suministrada para instalaciones verticales sin motor

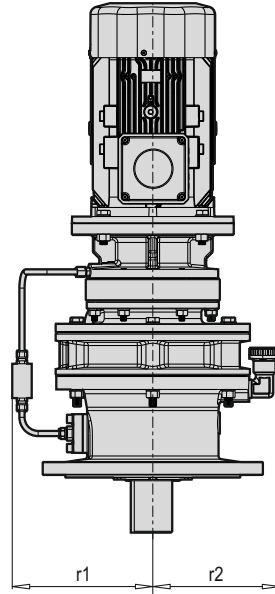
* Tüm r1 ve r2 ölçüleri motorsuz tasarımlar için de geçerlidir.
 * All r1 and r2 dimensions are valid for without motor designs.
 * Alle r1 und r2 Maße gelten auch für Ausführungen ohne Motoren.
 * Tutte le dimensioni r1 e r2 sono valide anche per i progetti non motorizzati.
 * Toutes les dimensions r1 et r2 sont également valables pour les réducteurs non motorisés.
 * Todas las dimensiones r1 y r2 son también válidas para diseños no motorizados.

TR YAĞLAMA - DİKEY TİP
IT LUBRIFICAZIONE - TIPO VERTICALE

EN LUBRICATION - VERTICAL TYPE
FR LUBRIFICATION -TYPE VERTICAL

DE SCHMIERUNG - VERTIKALER TYP
ES LUBRICACIÓN - TIPO VERTICAL

İKİ KADEMELİ - FLANŞ MONTAJLI
DOUBLE STAGE - FLANGE MOUNTED
2-STUFIG - FLANSCHMONTIERT
A DUE STADI - MONTAGGIO A FLANGIA
DEUX ÉTAGES-MONTÉ SUR BRIDE
DOS ETAPAS - CON BRIDA



- Zorunlu (sirkülasyonlu) yağlama
- Forced (Circulating) lubrication
- Obligatorische (Zirkulations-) Ölung
- Lubrificazione obbligatoria (circolante)
- Lubrification obligatoire (avec circulation)
- Lubricación obbligatoria (circulante)

616-11 ... 627-19

| Tip / Type / Typ / Tipo / Type / Tipo | r1 | r2 |
|---|-----|-----|
| 616-11 | 201 | 205 |
| 617-11 | 223 | 230 |
| 618-13 | 238 | 245 |
| 619-11 619-13 | 260 | 275 |
| 620-11 620-13 | 346 | 292 |
| 621-13 621-16 | 353 | 311 |
| 622-13 622-17 | 357 | 331 |
| 623-16 623-18 | 364 | 349 |
| 624-16 624-18 | 375 | 376 |
| 625-17 625-19 | 400 | 404 |
| 626-19 | 432 | 436 |
| 627-19 | 615 | 618 |

- * Tüm r1 ve r2 ölçüleri motorsuz tasarımlar için de geçerlidir.
- * All r1 and r2 dimensions are valid for without motor designs.
- * Alle r1 und r2 Maße gelten auch für Ausführungen ohne Motoren.
- * Tutte le dimensioni r1 e r2 sono valide anche per i progetti non motorizzati.
- * Toutes les dimensions r1 et r2 sont également valables pour les réducteurs non motorisés.
- * Todas las dimensiones r1 y r2 son también válidas para diseños no motorizados.

TR REDÜKTÖR ATALET MOMENTİ
IT MOMENTO D'INERZIA DEL RIDUTTORE

EN GEAR UNIT MOMENT OF INERTIA
FR MOMENT D'INERTIE DE RÉDUCTEUR

DE TRÄGHEITSMOMENT DES GETRIEBES
ES MOMENTO DE INERCIA DEL REDUCTOR

Redüktör giriş mili atalet momenti (J_C)

Input shaft of gear unit moment of inertia (J_C)

Trägheitsmoment der Getriebeantriebswelle (J_C)

Momento d'inerzia dell'albero d'ingresso del riduttore (J_C)

Moment d'inertie de l'arbre d'entrée de la boîte de vitesses (J_C)

Momento de inercia del eje de entrada del reductor (J_C)

J_C [10⁻⁴ kgm²]

| Tip / Type / Typ / Tipo / Type / Tipo | Tahvil Oranı / Reduction ratio / Übersetzung / Rapporto di riduzione / Rapport de réduction / Relación de reducción | | | | | | | | | | | | | | | |
|---------------------------------------|---|-------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|------|
| | 6 | 8 | 11 | 13 | 15 | 17 | 21 | 25 | 29 | 35 | 43 | 51 | 59 | 71 | 87 | 119 |
| 607 | | | 0,13 | 0,10 | 0,10 | 0,12 | 0,09 | 0,09 | 0,11 | 0,11 | 0,12 | | | | | |
| 608 | 0,17 | 0,13 | 0,14 | 0,11 | 0,10 | 0,12 | 0,09 | 0,09 | 0,12 | 0,11 | 0,11 | 0,09 | 0,11 | | | |
| 609 | 1,00 | 0,68 | 0,65 | 0,56 | 0,55 | 0,59 | 0,35 | 0,32 | 0,39 | 0,31 | 0,31 | 0,18 | 0,24 | 0,18 | 0,24 | 0,18 |
| 610 | 0,83 | 0,50 | 0,40 | 0,29 | 0,26 | 0,30 | 0,20 | 0,17 | 0,22 | 0,21 | 0,21 | 0,14 | 0,19 | 0,13 | 0,19 | 0,13 |
| 611 612 | 3,50 | 2,20 | 1,90 | 1,40 | 1,30 | 1,60 | 1,00 | 0,94 | 1,30 | 1,20 | 1,20 | 0,80 | 1,10 | 0,77 | 1,10 | |
| 613 | 9,20 | 6,50 | 5,00 | 4,30 | 4,00 | 3,70 | 3,20 | 4,70 | 2,80 | 2,70 | 2,60 | 2,60 | 2,60 | 2,50 | 2,50 | |
| 614 | 10,50 | 7,20 | 5,30 | 4,30 | 4,00 | 3,60 | 3,20 | 3,00 | 2,80 | 2,70 | 2,60 | 2,60 | 2,60 | 2,50 | 2,50 | |
| 615 | 10,50 | 7,20 | 5,30 | 4,30 | 4,00 | 3,60 | 3,20 | 3,00 | 2,80 | 2,70 | 2,60 | 2,60 | 2,60 | 2,50 | 2,50 | |
| 616 | | 43,00 | 37,50 | 36,25 | 35,25 | 33,50 | 33,00 | 32,50 | 31,50 | 31,25 | 31,00 | 31,00 | 31,00 | 30,75 | 30,75 | |
| 617 | | | 62,25 | 58,75 | 54,75 | 53,50 | 51,50 | 50,50 | 49,00 | 48,75 | 48,00 | 47,75 | 47,50 | 47,25 | 47,25 | |
| 618 | | | 82,00 | 76,50 | 70,50 | 68,50 | 66,25 | 63,50 | 61,75 | 61,25 | 60,50 | 59,50 | 59,00 | 58,75 | 58,50 | |
| 619 | | | 211,00 | 201,00 | 194,00 | 190,00 | 182,00 | 179,00 | 175,00 | 173,00 | 172,00 | 171,00 | 170,00 | 169,00 | 169,00 | |
| 620 | | | 237,00 | | 216,00 | | 204,00 | | 196,00 | | 190,00 | | 187,50 | | 186,00 | |
| 621 | | | 373,00 | | 340,00 | | 323,00 | | 310,00 | | 300,00 | | 298,00 | | 295,00 | |
| 622 | | | 483,00 | | 437,00 | | 410,00 | | 388,00 | | 375,00 | | 370,00 | | 368,00 | |
| 623 | | | 810,00 | | 740,00 | | 695,00 | | 665,00 | | 645,00 | | 638,00 | | 633,00 | |
| 624 | | | 1235,00 | | 1125,00 | | 1055,00 | | 1010,00 | | 983,00 | | 970,00 | | 963,00 | |
| 625 | | | 2230,00 | | 2040,00 | | 1920,00 | | 1840,00 | | 1795,00 | | 1775,00 | | 1765,00 | |
| 626 | | | 2925,00 | | 2650,00 | | 2490,00 | | 2370,00 | | 2295,00 | | 2260,00 | | 2245,00 | |
| 627 | | | | | | | | | | | 7475,00 | | 7400,00 | | | |

2 kademeli redüktörlerin kütle atalet momenti:

Öncelikle redüktörlerin boyutu ve tahvil oranları belirlenmelidir

Double stage gear units mass moment of inertia:

First of all, the size and bond ratios of the gear units should be determined.

Massenträgheitsmoment 2-stufiger Getriebe:

Zuerst sind Getriebegröße und Übersetzungsverhältnis zu

Momento d'inerzia di massa dei riduttori a 2 stadi:

In primo luogo, è necessario determinare le dimensioni dei gruppi di ingranaggi e i loro rapporti di trasmissione.

Moment d'inertie des masses des réducteurs à 2 étages:

Tout d'abord, la taille et les rapports de liaison des réducteurs doivent être déterminés.

Momento de inercia de la masa de los engranajes de 2 etapas:

En primer lugar, hay que determinar el tamaño de las unidades de engranaje y sus relaciones de transmisión

$$J_{C1} + \frac{J_{C2}}{i_1^2}$$

J_{C1} = Tek kademe atalet momenti
J_{C2} = İki kademe atalet momenti
i₁ = Tek kademe, tahvil oranı

J_{C1} = Single stage moment of inertia
J_{C2} = Double stage moment of inertia
i₁ = Single stage, ratio rate

J_{C1} = Einstufig, Trägheitsmoment
J_{C2} = Zweistufig, Trägheitsmoment
i₁ = Einstufig, Übersetzungsverhältnis

J_{C1} = Momento d'inerzia del singolo stadio
J_{C2} = Momento d'inerzia a due stadi
i₁ = stadio singolo, tasso obbligazionario

J_{C1} = Moment d'inertie à un étage
J_{C2} = Moment d'inertie à deux étages
i₁ = Une étape, ratio de liaison

J_{C1} = Momento de inercia de una etapa
J_{C2} = Momento de inercia de dos etapas
i₁ = Etapa única, tipo de bono

TR MOTORLU REDÜKTÖR
ATALET MOMENTİ

IT MOMENTO D'INERZIA DEL
RIDUTTORE MOTORIZZATO

EN MOTOR GEAR UNIT MOMENT
OF INERTIA

FR MOMENT D'INERTIE DE RÉDUCTEUR
AVEC MOTEUR

DE TRÄGHEITSMOMENT
DER GETRIEBEMOTOREN

ES MOMENTO DE INERCIA DEL
REDUCTOR MOTORIZADO

Motorlu redüktör giriş mili atalet momenti

Input shaft of motor gear unit moment of inertia

Trägheitsmoment der antriebswelle für getriebe mit motor

Momento d'inertia dell'albero d'ingresso del riduttore del motore

Moment d'inertie de l'arbre d'entrée du motoréducteur

Momento de inercia del eje de entrada del motorreductor

$$J = J_C + J_M$$

$J_C [10^{-4} \text{ kgm}^2]$

| Tip / Type / Typ / Tipo / Type / Tipo | Tahvil Oranı / Reduction ratio / Übersetzung / Rapporto di riduzione / Rapport de réduction / Relación de reducción | | | | | | | | | | | | | | | |
|---|---|-------|---------|--------|---------|--------|---------|---------|---------|---------|---------|---------|---------|-------|---------|------|
| | 6 | 8 | 11 | 13 | 15 | 17 | 21 | 25 | 29 | 35 | 43 | 51 | 59 | 71 | 87 | 119 |
| 607 | | | 0,11 | 0,13 | 0,12 | 0,10 | 0,12 | 0,11 | 0,09 | 0,09 | 0,09 | | | | | |
| 608 | 0,19 | 0,16 | 0,11 | 0,13 | 0,13 | 0,10 | 0,12 | 0,12 | 0,09 | 0,09 | 0,09 | 0,11 | 0,09 | | | |
| 609 | 0,96 | 0,74 | 0,59 | 0,62 | 0,61 | 0,53 | 0,40 | 0,39 | 0,33 | 0,25 | 0,25 | 0,24 | 0,18 | 0,24 | 0,18 | 0,24 |
| 610 | 0,77 | 0,56 | 0,34 | 0,35 | 0,32 | 0,22 | 0,26 | 0,24 | 0,16 | 0,15 | 0,14 | 0,20 | 0,13 | 0,19 | 0,13 | 0,19 |
| 611 612 | 3,10 | 2,50 | 1,60 | 1,70 | 1,60 | 1,20 | 1,40 | 1,30 | 0,91 | 0,87 | 0,83 | 1,20 | 0,79 | 1,20 | 0,76 | |
| 613 | 8,60 | 5,90 | 4,30 | 3,70 | 3,30 | 3,00 | 2,50 | 2,40 | 2,20 | 2,10 | 2,00 | 1,90 | 1,90 | 1,90 | 1,90 | |
| 614 615 | 9,40 | 6,40 | 4,60 | 3,70 | 3,30 | 3,00 | 2,50 | 2,40 | 2,20 | 2,10 | 2,00 | 1,90 | 1,90 | 1,90 | 1,90 | |
| 616 | | 17,80 | 12,50 | 11,00 | 9,90 | 8,40 | 7,70 | 7,20 | 6,40 | 6,10 | 5,90 | 5,80 | 5,80 | 5,50 | 5,50 | |
| 617 | | | 38,75 | 35,25 | 31,25 | 30,00 | 28,00 | 27,00 | 25,50 | 25,25 | 24,45 | 24,20 | 23,90 | 23,80 | 23,68 | |
| 618 | | | 57,50 | 52,00 | 46,25 | 44,00 | 42,00 | 39,00 | 37,50 | 37,00 | 36,00 | 35,00 | 34,50 | 34,50 | 34,25 | |
| 619 | | | 136,25 | 125,75 | 119,50 | 115,00 | 107,00 | 103,75 | 100,50 | 98,25 | 96,75 | 95,75 | 95,00 | 94,50 | 94,00 | |
| 620 | | | 161,50 | | 141,25 | | 129,25 | | 120,50 | | 115,00 | | 112,75 | | 111,50 | |
| 621 | | | 247,50 | | 216,00 | | 197,25 | | 183,75 | | 175,00 | | 171,50 | | 169,50 | |
| 622 | | | 305,00 | | 257,50 | | 231,75 | | 210,00 | | 197,00 | | 191,50 | | 188,25 | |
| 623 | | | 497,50 | | 427,50 | | 382,50 | | 352,50 | | 335,00 | | 325,00 | | 322,50 | |
| 624 | | | 902,50 | | 792,50 | | 722,50 | | 680,00 | | 650,00 | | 637,50 | | 632,50 | |
| 625 | | | 1470,00 | | 1280,00 | | 1160,00 | | 1080,00 | | 1035,00 | | 1015,00 | | 1003,00 | |
| 626 | | | 2150,00 | | 1865,00 | | 1700,00 | | 1590,00 | | 1508,00 | | 1475,00 | | 1455,00 | |
| 627 | | | | | | | | 4900,00 | | 4725,00 | | 4650,00 | | | 4600,00 | |

$J_M [10^{-4} \text{ kgm}^2]$

| kW pol | 0.12 4P | 0.18 4P | 0.25 4P | 0.37 4P | 0.55 4P | 0.75 4P | 1.1 4P | 1.5 4P | 2.2 4P | 3 4P | 4 4P |
|--|------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|---------|---------|
| Standardmotor / Standart Motor / Standardmotor / Motore standard / Moteur standart / Motore estándar | 3 | 5 | 5 | 6,5 | 9 | 12 | 19 | 21 | 33 | 71 | 85 |
| Frenli / with brake / mit Bremse / Con freno / Avec frein / Con freno | 3,5 | 5,5 | 5,5 | 7 | 10 | 13 | 21 | 24 | 37 | 82 | 96 |

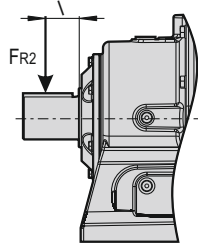
| kW pol | 5.5 4P | 7.5 4P | 11 4P | 15 4P (6P) | 18.5 4P | 22 4P (6P) | 30 4P (6P) | 37 4P (6P) | 45 4P (6P) | 55 4P (6P) |
|--|-----------|-----------|----------|------------------|------------|------------------|------------------|------------------|------------------|------------------|
| Standardmotor / Standart Motor / Standardmotor / Motore standard / Moteur standart / Motore estándar | 114 | 268 | 375 | 898 (3175) | 2250 | 2250 (3625) | 2500 (4750) | 3075 (6000) | 3425 (10000) | 6750 (11750) |
| Frenli / with brake / mit Bremse / Con freno / Avec frein / Con freno | 125 | 303 | 410 | 1328 | | | | | | |

TR ÇIKIŞ MİLİ YÜKÜ
IT CARICO DELL'ALBERO DI USCITA

EN LOAD OF OUTPUT SHAFT
FR CHARGE DE L'ARBRE DE SORTIE

DE LAST DER ABTRIEBSWELLE
ES CARGA DEL EJE DE SALIDA

Yük konumu için düzeltme faktörü f_L
Correction factor for load place f_L
Korrekturfaktor für die Lastposition f_L
Fattore di correzione per la posizione del carico f_L
Facteur de correction f_L pour la position de la charge
Factor de corrección de la posición de carga f_L



| Tip / Type / Typ / Tipo / Type / Tipo | l [mm] | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|--|
| | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 160 | 180 | 200 | 225 | 250 | 275 | 300 | |
| 607 607-07 | 0,85 | 0,90 | 1,20 | 1,60 | | | | | | | | | | | | | | | | | | | | | |
| 608 608-07 | 0,85 | 0,95 | 1,00 | 1,30 | 1,60 | 1,90 | | | | | | | | | | | | | | | | | | | |
| 609 609-08 | 0,90 | 0,90 | 1,00 | 1,15 | 1,40 | 1,60 | 1,90 | | | | | | | | | | | | | | | | | | |
| 610 610-08 | 0,90 | 0,90 | 1,00 | 1,15 | 1,40 | 1,60 | 1,90 | | | | | | | | | | | | | | | | | | |
| 611 611-08 611-09 612 | | 0,85 | 0,90 | 0,95 | 1,00 | 1,10 | 1,25 | 1,45 | 1,60 | 1,80 | | | | | | | | | | | | | | | |
| 613 613-08 613-09 613-10 | | | 0,85 | 0,90 | 0,95 | 1,00 | 1,00 | 1,15 | 1,25 | 1,40 | 1,65 | 1,90 | | | | | | | | | | | | | |
| 614 614-08 614-09 614-10 | | | | 0,70 | 0,75 | 0,80 | 0,90 | 0,95 | 1,00 | 1,10 | 1,30 | 1,50 | 1,70 | 1,90 | | | | | | | | | | | |
| 615 | | | | 0,70 | 0,75 | 0,80 | 0,90 | 0,95 | 1,00 | 1,10 | 1,30 | 1,50 | 1,70 | 1,90 | | | | | | | | | | | |
| 616 616-09 616-10 616-11 | | | | 0,85 | 0,90 | 0,90 | 0,95 | 1,00 | 1,00 | 1,15 | 1,35 | 1,55 | 1,75 | 2,00 | | | | | | | | | | | |
| 617 617-09 617-10 617-11 | | | | 0,90 | 0,90 | 0,95 | 0,95 | 1,00 | 1,00 | 1,15 | 1,35 | 1,55 | 1,75 | 2,00 | | | | | | | | | | | |
| 618 618-10 618-13 | | | | | 0,85 | 0,90 | 0,90 | 0,95 | 0,95 | 1,00 | 1,10 | 1,30 | 1,45 | 1,60 | 1,80 | | | | | | | | | | |
| 619 619-11 619-13 | | | | | | 0,85 | 0,90 | 0,90 | 0,95 | 0,95 | 1,00 | 1,00 | 1,20 | 1,35 | 1,50 | 1,75 | | | | | | | | | |
| 620 620-11 620-13 | | | | | | | | 0,70 | 0,75 | 0,80 | 0,85 | 0,90 | 1,00 | 1,05 | 1,15 | 1,30 | 1,40 | 1,50 | | | | | | | |
| 621 621-13 621-16 | | | | | | | | 0,70 | 0,75 | 0,80 | 0,85 | 0,90 | 1,00 | 1,05 | 1,15 | 1,30 | 1,40 | 1,60 | | | | | | | |
| 622 622-13 622-17 | | | | | | | | 0,90 | 0,90 | 0,90 | 0,90 | 1,00 | 1,00 | 1,00 | 1,10 | 1,15 | 1,20 | 1,25 | | | | | | | |
| 623 623-16 623-18 | | | | | | | | 0,85 | 0,85 | 0,85 | 0,90 | 0,90 | 0,90 | 1,00 | 1,00 | 1,10 | 1,10 | 1,20 | 1,20 | 1,30 | | | | | |
| 624 624-16 624-18 | | | | | | | | 0,85 | 0,85 | 0,90 | 0,90 | 0,90 | 0,90 | 1,00 | 1,00 | 1,10 | 1,15 | 1,20 | 1,25 | 1,30 | | | | | |
| 625 625-17 625-19 | | | | | | | | | 0,85 | 0,85 | 0,90 | 0,90 | 0,95 | 0,95 | 1,00 | 1,05 | 1,10 | 1,25 | 1,40 | 1,55 | 1,70 | | | | |
| 626 626-19 | | | | | | | | | | 0,85 | 0,85 | 0,90 | 0,90 | 0,95 | 1,00 | 1,05 | 1,20 | 1,30 | 1,45 | 1,60 | 1,80 | 1,90 | | | |
| 627 627-19 | | | | | | | | | | | 0,70 | 0,75 | 0,75 | 0,85 | 0,90 | 1,00 | 1,10 | 1,25 | 1,35 | 1,50 | 1,65 | 1,80 | | | |

TR ÇIKIŞ MİLİ YÜKÜ
IT CARICO DELL'ALBERO DI USCITA

EN LOAD OF OUTPUT SHAFT
FR CHARGE DE L'ARBRE DE SORTIE

DE LAST DER ABTRIEBSWELLE
ES CARGA DEL EJE DE SALIDA

Çıkış mili radyal yükü FR2

Output Shaft Radial Load : FR2

Radiallast der Abtriebswelle FR2

Carico radiale dell'albero di uscita FR2

Charge radiale de l'arbre de sortie FR2

Carga radial del eje de salida FR2

| n2 [min-1] | Tip / Type / Typ / Tipo / Type / Tipo | | | | | | | | | [N] |
|---------------|---------------------------------------|---------------|---------------|---------------|-------------------------|------|-----------------------------------|-----------------------------------|-------|-----|
| | 607 607-07 | 608 608-07 | 609 609-08 | 610 610-08 | 611 611-08 611-09 | 612 | 613 613-08 613-09 613-10 | 614 614-08 614-09 614-10 | 615 | |
| 1 | 1200 | 1800 | 3300 | 5400 | 8600 | 9800 | 13200 | 14700 | 15700 | |
| 2 | 1200 | 1800 | 3300 | 5400 | 8600 | 9800 | 13200 | 14700 | 15700 | |
| 3 | 1200 | 1800 | 3300 | 5400 | 8600 | 9800 | 13200 | 14700 | 15700 | |
| 4 | 1200 | 1800 | 3300 | 5400 | 8600 | 9800 | 13200 | 14700 | 15700 | |
| 5 | 1200 | 1800 | 3300 | 5400 | 8600 | 9800 | 13200 | 14700 | 15700 | |
| 6 | 1200 | 1800 | 3300 | 5400 | 8600 | 9800 | 13200 | 14700 | 15700 | |
| 8 | 1200 | 1800 | 3300 | 5400 | 8600 | 9800 | 13200 | 14700 | 15700 | |
| 10 | 1200 | 1800 | 3300 | 5400 | 8600 | 9800 | 13200 | 14700 | 15700 | |
| 15 | 1200 | 1800 | 3300 | 5400 | 8600 | 9800 | 13200 | 14700 | 15700 | |
| 20 | 1200 | 1800 | 3300 | 5400 | 8600 | 9800 | 13200 | 14700 | 15700 | |
| 25 | 1200 | 1800 | 3300 | 5400 | 8600 | 9800 | 12600 | 14700 | 15700 | |
| 30 | 1200 | 1800 | 3300 | 5400 | 8600 | 9800 | 11900 | 14700 | 15700 | |
| 35 | 1200 | 1800 | 3300 | 5400 | 8600 | 9800 | 11300 | 14300 | 15700 | |
| 40 | 1200 | 1800 | 3300 | 5400 | 8600 | 9400 | 10800 | 13700 | 15700 | |
| 50 | 1200 | 1800 | 3300 | 5400 | 8600 | 8700 | 10000 | 12800 | 15000 | |
| 60 | 1200 | 1800 | 3300 | 5400 | 8200 | 8200 | 9400 | 12200 | 14200 | |
| 80 | 1200 | 1800 | 3300 | 5400 | 7400 | 7400 | 8600 | 11200 | 13000 | |
| 100 | 1100 | 1800 | 3300 | 5400 | 6900 | 6900 | 8000 | 10400 | 12200 | |
| 125 | 1000 | 1700 | 3200 | 5100 | 6400 | 6400 | 7400 | 9700 | 11400 | |
| 150 | 1000 | 1600 | 3000 | 4800 | 6000 | 6000 | 7000 | 9200 | 10800 | |
| 200 | 900 | 1500 | 2800 | 4400 | 5500 | 5500 | 6300 | 8500 | 9900 | |
| 250 | - | 1400 | 2600 | 4100 | 5100 | 5100 | 5900 | 7900 | 9200 | |
| 300 | - | 1300 | 2400 | 3800 | 4800 | 4800 | 5500 | 7500 | 8700 | |

| n2 [min-1] | Tip / Type / Typ / Tipo / Type / Tipo | | | | | | | | | | | | [N] |
|---------------|---------------------------------------|-----------------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------|---------------|-----|
| | 616 616-09 616-10 616-11 | 617 617-09 617-10 617-11 | 4618 618-10 618-13 | 619 619-11 619-13 | 620 620-11 620-13 | 621 621-13 621-16 | 622 622-13 622-17 | 623 623-16 623-18 | 624 624-16 624-18 | 625 625-17 625-19 | 626 626-19 | 627 627-19 | |
| 1 | 19600 | 27500 | 37300 | 52000 | 69100 | 86100 | 145000 | 178000 | 208000 | 258000 | 275000 | 196000 | |
| 2 | 19600 | 27500 | 37300 | 52000 | 69100 | 86100 | 145000 | 178000 | 208000 | 258000 | 275000 | 196000 | |
| 3 | 19600 | 27500 | 37300 | 52000 | 69100 | 86100 | 137000 | 176000 | 196000 | 240000 | 275000 | 196000 | |
| 4 | 19600 | 27500 | 37300 | 52000 | 69100 | 86100 | 130000 | 162000 | 180000 | 221000 | 269000 | 196000 | |
| 5 | 19600 | 27500 | 37300 | 52000 | 69100 | 86100 | 122000 | 151000 | 168000 | 206000 | 251000 | 196000 | |
| 6 | 19600 | 27500 | 37300 | 52000 | 69100 | 86100 | 115000 | 143000 | 160000 | 195000 | 238000 | 196000 | |
| 8 | 19600 | 27500 | 37300 | 51000 | 69100 | 86100 | 106000 | 131000 | 146000 | 179000 | 219000 | 196000 | |
| 10 | 19600 | 27500 | 37300 | 52000 | 69100 | 86100 | 99000 | 123000 | 137000 | 167000 | 205000 | 196000 | |
| 15 | 19600 | 27500 | 37300 | 52000 | 65100 | 82900 | 87300 | 109000 | 122000 | 148000 | 180000 | 196000 | |
| 20 | 19600 | 26100 | 35100 | 49000 | 59700 | 76100 | 80000 | 100000 | 111000 | 136000 | 166000 | 196000 | |
| 25 | 19600 | 24300 | 32600 | 45600 | 55900 | 71200 | 74900 | 93200 | 104000 | 127000 | 155000 | 196000 | |
| 30 | 19400 | 22800 | 30700 | 42900 | 52900 | 67500 | 71000 | 88200 | 98000 | 121000 | 147000 | 196000 | |
| 35 | 18400 | 21700 | 29000 | 40700 | 50500 | 64300 | 67600 | 84300 | 93900 | 115000 | 140000 | 196000 | |
| 40 | 17600 | 20700 | 27800 | 39000 | 48500 | 61800 | 65100 | 81000 | 90200 | 111000 | 135000 | 196000 | |
| 50 | 16500 | 19200 | 25900 | 36200 | 45400 | 57800 | 60800 | 75800 | 84400 | 103000 | 126000 | 196000 | |
| 60 | 15500 | 18100 | 24300 | 34100 | 43000 | 54800 | 57600 | 71700 | 79900 | 97600 | 120000 | - | |
| 80 | 14000 | 16500 | 22100 | 30900 | 39500 | 50300 | 52800 | 65800 | 73300 | 89600 | 110000 | - | |
| 100 | 13000 | 15300 | 20500 | 28700 | 36900 | 47000 | 49400 | 61600 | 68500 | 83800 | 102000 | - | |
| 125 | 12100 | 14200 | 19000 | 26600 | 34400 | 43900 | 46200 | 57500 | 64100 | 78400 | 95700 | - | |
| 150 | 11400 | 13300 | 17900 | 25100 | 32600 | 41600 | 43700 | - | - | - | - | - | |
| 200 | 10300 | 12200 | 16300 | 22800 | 29900 | 38100 | 40200 | - | - | - | - | - | |
| 250 | 9600 | 11300 | - | - | - | - | - | - | - | - | - | - | |
| 300 | 9000 | 10600 | - | - | - | - | - | - | - | - | - | - | |

TR ÇIKIŞ MİLİ YÜKÜ
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EN LOAD OF OUTPUT SHAFT
FR CHARGE DE L'ARBRE DE SORTIE

DE LAST DER ABTRIEBSWELLE
ES CARGA DEL EJE DE SALIDA

İzin verilen radyal yük FR2 (fz, fl, fb = 1.0)
1. "GR1" - Güçlendirilmiş rulmanlı redüktör
Carico radiale ammissibile FR2 (fz, fl, fb = 1.0)
1. "GR1" - Riduttore con cuscinetti rinforzati

Allowed radial load FR2 (fz, fl, fb = 1.0)
1. "GR1" Gear unit with reinforced bearing
Charge radiale admissible FR2 (fz, fl, fb = 1.0)
1. "GR1" - Réducteur de roulement renforcé

Zulässige Radialbelastung FR2 (fz, fl, fb = 1.0)
1. "GR1" - Getriebe mit verstärktem Lager
Carga radial admisible FR2 (fz, fl, fb = 1.0)
1. "GR1" - Reductor con rodamientos reforzados

| n2 [min-1] | Tip / Type / Typ / Tipo / Type / Tipo | | | | | [N] |
|---------------|---------------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|-----|
| | 413 413-08 413-09 413-10 | 416 416-09 416-10 416-11 | 417 417-09 417-10 417-11 | 418 418-10 418-13 | 419 419-11 419-13 | |
| 1 | 13200 | 19600 | 27500 | 37300 | 52000 | |
| 2 | 13200 | 19600 | 27500 | 37300 | 52000 | |
| 3 | 13200 | 19600 | 27500 | 37300 | 52000 | |
| 4 | 13200 | 19600 | 27500 | 37300 | 52000 | |
| 5 | 13200 | 19600 | 27500 | 37300 | 52000 | |
| 6 | 13200 | 19600 | 27500 | 37300 | 52000 | |
| 8 | 13200 | 19600 | 27500 | 37300 | 52000 | |
| 10 | 13200 | 19600 | 27500 | 37300 | 52000 | |
| 15 | 13200 | 19600 | 27500 | 37300 | 52000 | |
| 20 | 13200 | 19600 | 27500 | 37300 | 52000 | |
| 25 | 13200 | 19600 | 27500 | 37300 | 52000 | |
| 30 | 13200 | 19600 | 27500 | 37300 | 52000 | |
| 35 | 13200 | 19600 | 27500 | 37300 | 52000 | |
| 40 | 13200 | 19600 | 27500 | 37300 | 52000 | |
| 50 | 13200 | 19600 | 27500 | 37300 | 52000 | |
| 60 | 13200 | 19600 | 27500 | 37300 | 52000 | |
| 80 | 13200 | 19600 | 27500 | 37300 | 46100 | |
| 100 | 13200 | 19600 | 27500 | 37300 | 43100 | |
| 125 | 12400 | 19600 | 25500 | 35300 | 40200 | |
| 150 | 11700 | 18600 | 23500 | 33300 | 37300 | |
| 200 | 10700 | 16700 | - | - | - | |
| 250 | 10000 | 15700 | - | - | - | |
| 300 | 9500 | - | - | - | - | |

*414 ve 415 "GR1" boyutları için standarttır / * for sizes 414 and 415 "GR1" is standard / *Standard für 414 und 415 "GR1" Größen / *414 e 415 sono standard per le dimensioni "GR1". / *Standard pour les tailles 414 et 415 "GR1" / *414 y 415 son estándar para los tamaños "GR1"

2. "GR2" - Güçlendirilmiş rulmanlı ve sfero dökme demir gövdeli redüktör
2. "GR2" - Riduttore con cuscinetti rinforzati e carcassa in ghisa duttile
2. "GR2" Gear unit with reinforced bearing and sfero cast iron case gear unit
2. "GR2" - Réducteur avec palier renforcé et corps en fonte ductile
2. "GR2" - Getriebe mit verstärktem Lager und Gehäuse aus Sphäroguss
2. "GR2" - Reductor con rodamientos reforzados y carcasa de fundición

| n2 [min-1] | Tip / Type / Typ / Tipo / Type / Tipo | | | | | | | | | | | | | [N] |
|---------------|---------------------------------------|-----------------------------------|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------|---------------|-----|
| | 413 413-08 413-09 413-10 | 416 416-09 416-10 416-11 | 417 417-09 417-10 417-11 | 418 418-10 418-13 | 419 419-11 419-13 | 420 420-11 420-13 | 421 421-13 421-16 | 422 422-13 422-17 | 423 423-16 423-18 | 424 424-16 424-18 | 425 425-17 425-19 | 426 426-19 | 427 427-19 | |
| 1 | 23500 | 32900 | 45000 | 54600 | 70400 | 95900 | 129000 | 158000 | 179000 | 219000 | 269000 | 277000 | 267000 | |
| 2 | 23500 | 32900 | 45000 | 54600 | 70400 | 95900 | 129000 | 158000 | 179000 | 219000 | 269000 | 277000 | 267000 | |
| 3 | 23500 | 32900 | 45000 | 54600 | 70400 | 95900 | 129000 | 158000 | 179000 | 219000 | 269000 | 277000 | 267000 | |
| 4 | 23500 | 32900 | 45000 | 54600 | 70400 | 95900 | 129000 | 158000 | 179000 | 219000 | 269000 | 277000 | 267000 | |
| 5 | 23500 | 32900 | 45000 | 54600 | 70400 | 95900 | 124000 | 153000 | 179000 | 205000 | 253000 | 277000 | 267000 | |
| 6 | 23500 | 32900 | 45000 | 54600 | 70400 | 95900 | 117000 | 145000 | 179000 | 194000 | 239000 | 277000 | 267000 | |
| 8 | 23500 | 32900 | 45000 | 54600 | 70400 | 95900 | 107000 | 132000 | 167000 | 177000 | 220000 | 265000 | 267000 | |
| 10 | 23500 | 32900 | 45000 | 54600 | 70400 | 95900 | 100000 | 124000 | 156000 | 166000 | 206000 | 248000 | 267000 | |
| 15 | 23300 | 32900 | 45000 | 54600 | 70400 | 87400 | 88700 | 110000 | 138000 | 147000 | 181000 | 220000 | 267000 | |
| 20 | 21400 | 32900 | 45000 | 54600 | 70400 | 80200 | 81400 | 101000 | 126000 | 135000 | 167000 | 201000 | 267000 | |
| 25 | 20000 | 32600 | 44400 | 54600 | 70400 | 75000 | 76100 | 94400 | 119000 | 126000 | 156000 | 187000 | 267000 | |
| 30 | 18900 | 30900 | 42100 | 54600 | 67900 | 71000 | 72100 | 89300 | 112000 | 120000 | 148000 | 177000 | 267000 | |
| 35 | 18000 | 29500 | 40100 | 52900 | 64800 | 67700 | 68700 | 85300 | 107000 | 114000 | 141000 | 171000 | - | |
| 40 | 17500 | 28300 | 38500 | 50900 | 62300 | 65100 | 66100 | 81900 | 103000 | 110000 | 136000 | 163000 | - | |
| 50 | 16200 | 26500 | 36100 | 47500 | 58200 | 60900 | 61800 | 76600 | 96200 | 103000 | 126000 | 153000 | - | |
| 60 | 15300 | 25100 | 34100 | 45000 | 55200 | 57600 | 58400 | 72500 | 91100 | 97000 | 121000 | 145000 | - | |
| 80 | 14100 | 23000 | 31300 | 41300 | 50600 | 52900 | 53700 | 66600 | 83600 | 89000 | 110000 | 132000 | - | |
| 100 | 13200 | 21600 | 29300 | 38600 | 47400 | 49500 | 50300 | 62300 | 78200 | 83200 | 103000 | 124000 | - | |
| 125 | 12400 | 20100 | 27400 | 36200 | 44200 | 46200 | 47000 | 58200 | 73000 | 77800 | 96400 | 116000 | - | |
| 150 | 11700 | 19000 | 25900 | 34200 | 42000 | 43700 | 44500 | 55200 | - | - | - | - | - | |
| 200 | 10700 | 17500 | 23800 | 31400 | 38500 | 40200 | 40800 | 50500 | - | - | - | - | - | |
| 250 | 10000 | 16300 | - | - | - | - | - | - | - | - | - | - | - | |
| 300 | 9500 | - | - | - | - | - | - | - | - | - | - | - | - | |

TR ÇIKIŞ MİLİ YÜKÜ
IT CARICO DELL'ALBERO DI USCITA

EN LOAD OF OUTPUT SHAFT
FR CHARGE DE L'ARBRE DE SORTIE

DE LAST DER ABTRIEBSWELLE
ES CARGA DEL EJE DE SALIDA

Eksenel yük
İzin verilen eksenel yük FA2 (FR2 = 0)

Axial Load
Allowed axial load FA2 (FR2 = 0)

Axiallast
Zulässige Axiallast FA2 (FR2 = 0) FA2 (FR2 = 0)

Carico assiale
Carico assiale ammissibile FA2 (FR2 = 0)

Charge axiale
Charge axiale admissible FA2 (FR2 = 0)

Carga axial
Carga axial admisible FA2 (FR2 = 0)

| n2 [min-1] | Tip / Type / Typ / Tipo / Type / Tipo | | | | | | | [N] |
|---------------|---------------------------------------|---------------|---------------|---------------|--------------------------------|-----------------------------------|--|-----|
| | 607 607-07 | 608 608-07 | 609 609-08 | 610 610-08 | 611 611-08 611-09 612 | 613 613-08 613-09 613-10 | 614 614-08 614-09 614-10 615 | |
| 10 | 300 | 800 | 1000 | 1500 | 2900 | 3900 | 5400 | |
| 15 | 300 | 800 | 1000 | 1500 | 2900 | 3900 | 5400 | |
| 20 | 300 | 800 | 1000 | 1500 | 2900 | 3900 | 5400 | |
| 25 | 300 | 800 | 1000 | 1500 | 2900 | 3900 | 5400 | |
| 30 | 300 | 800 | 1000 | 1500 | 2900 | 3900 | 5400 | |
| 35 | 300 | 800 | 1000 | 1500 | 2900 | 3900 | 5400 | |
| 40 | 300 | 800 | 1000 | 1500 | 2900 | 3900 | 5400 | |
| 50 | 300 | 800 | 1000 | 1500 | 2900 | 3900 | 5400 | |
| 60 | 300 | 800 | 1000 | 1500 | 2900 | 3900 | 5400 | |
| 80 | 300 | 800 | 1000 | 1500 | 2900 | 3900 | 5200 | |
| 100 | 300 | 800 | 1000 | 1500 | 2900 | 3900 | 4900 | |
| 125 | 300 | 800 | 1000 | 1500 | 2900 | 3900 | 4600 | |
| 150 | 300 | 800 | 1000 | 1500 | 2900 | 3900 | 4400 | |
| 200 | 300 | 800 | 1000 | 1500 | 2800 | 3900 | 3800 | |
| 250 | - | 800 | 1000 | 1500 | 2500 | 3900 | 3700 | |
| 300 | - | 800 | 1000 | 1500 | 2400 | 3900 | 3500 | |
| 400 | - | 700 | 1000 | 1300 | 2200 | 3900 | 3200 | |
| 500 | - | 600 | 900 | 1200 | - | 3600 | 3100 | |

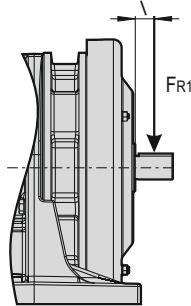
| n2 [min-1] | Tip / Type / Typ / Tipo / Type / Tipo | | | | | | | | | | | | [N] |
|---------------|---------------------------------------|-----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|---------------|---------------|-----|
| | 616 616-09 616-10 616-11 | 617 617-09 617-10 617-11 | 618 618-10 618-13 | 619 619-11 619-13 | 620 620-11 620-12 | 621 621-13 621-16 | 622 622-13 622-17 | 623 623-16 623-18 | 624 624-16 624-18 | 625 625-17 625-19 | 626 626-19 | 627 627-19 | |
| 10 | 6900 | 9800 | 13700 | 19600 | 26500 | 27500 | 29400 | 35300 | 37300 | 48000 | 52000 | 58800 | |
| 15 | 6900 | 9800 | 13700 | 19600 | 23500 | 24500 | 25600 | 31400 | 33800 | 43000 | 52000 | 58800 | |
| 20 | 6900 | 9800 | 13700 | 19600 | 21100 | 22100 | 23200 | 28400 | 30900 | 39400 | 51000 | 58800 | |
| 25 | 6900 | 9800 | 13700 | 19600 | 19600 | 20600 | 21700 | 26500 | 28800 | 36900 | 47500 | 58800 | |
| 30 | 6900 | 9800 | 13700 | 19600 | 18600 | 19600 | 20600 | 25000 | 27300 | 35100 | 44800 | 58800 | |
| 35 | 6900 | 9800 | 13700 | 19600 | 18100 | 18600 | 19600 | 23500 | 26100 | 33500 | 42700 | 58800 | |
| 40 | 6900 | 9800 | 13700 | 19600 | 17600 | 18100 | 18700 | 22500 | 25100 | 32300 | 41600 | 58800 | |
| 50 | 6900 | 9800 | 13700 | 19600 | 16700 | 17200 | 17500 | 21100 | 23500 | 30400 | 38900 | 58800 | |
| 60 | 6900 | 9800 | 13700 | 19600 | 15700 | 16200 | 16700 | 20100 | 22300 | 28500 | 37300 | - | |
| 80 | 6900 | 9800 | 13700 | 19600 | 14200 | 14700 | 15300 | 18600 | 21000 | 26800 | 34800 | - | |
| 100 | 6900 | 9800 | 13700 | 19600 | 13200 | 13700 | 14400 | 17600 | 19900 | 25500 | 32900 | - | |
| 125 | 6900 | 9700 | 13100 | 18500 | 12700 | 13200 | 13600 | 16700 | 19100 | 24200 | 31100 | - | |
| 150 | 6900 | 9000 | 12500 | 17500 | 12300 | 12700 | 13100 | - | - | - | - | - | |
| 200 | 6300 | 8100 | 11000 | 15400 | 11300 | 11800 | 12100 | - | - | - | - | - | |
| 250 | 5700 | 7300 | - | - | - | - | - | - | - | - | - | - | |
| 300 | 5400 | 6900 | - | - | - | - | - | - | - | - | - | - | |
| 400 | 5000 | - | - | - | - | - | - | - | - | - | - | - | |
| 500 | 4600 | - | - | - | - | - | - | - | - | - | - | - | |

TR GİRİŞ MİLİ YÜKÜ
IT CARICO DELL'ALBERO DI INGRESSO

EN THE LOAD OF OUTPUT SHAFT
FR CHARGE DE L'ARBRE D'ENTRÉE

DE LAST DER ANTRIEBSWELLE
ES CARGA DEL EJE DE ENTRADA

Yük konumu için düzeltme faktörü f_L
Correction factor for load place f_L
Korrekturfaktor für die Lastposition f_L
Fattore di correzione per la posizione del carico f_L
Facteur de correction f_L pour la position de la charge
Factor de corrección de la posición de carga f_L



| Tip / Type / Typ / Tipo / Type / Tipo | | n_1 [min ⁻¹] | | | | | | | | | | | | | | | | | | | [N] |
|--|--|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|
| | | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 160 | 180 | |
| 607 | 607-07 608-07 | 0,75 | 0,95 | 1,20 | 1,60 | 2,00 | | | | | | | | | | | | | | | |
| 608 | 609-08 610-08 611-08 613-08 614-08 | 0,75 | 0,95 | 1,20 | 1,60 | 2,00 | | | | | | | | | | | | | | | |
| 609 | 611-09 613-09 614-09 616-09 617-09 | 0,90 | 1,00 | 1,20 | 1,60 | 2,00 | 2,40 | | | | | | | | | | | | | | |
| 610 | 613-10 614-10 616-10 617-10 618-10 | 0,95 | 1,00 | 1,20 | 1,60 | 2,00 | 2,40 | | | | | | | | | | | | | | |
| 611 612 | 616-11 617-11 619-11 620-11 | | 0,85 | 0,95 | 1,15 | 1,45 | 1,70 | 2,00 | 2,25 | | | | | | | | | | | | |
| 613 | 618-13 619-13 620-13 621-13 622-13 | | 0,80 | 0,90 | 1,00 | 1,25 | 1,45 | 1,70 | 1,95 | 2,15 | | | | | | | | | | | |
| 614 | - | | 0,80 | 0,90 | 1,00 | 1,25 | 1,45 | 1,70 | 1,95 | 2,15 | | | | | | | | | | | |
| 615 | - | | 0,90 | 0,90 | 1,00 | 1,25 | 1,45 | 1,70 | 1,95 | 2,15 | | | | | | | | | | | |
| 616 | 621-16 623-16 624-16 | | 0,95 | 0,95 | 1,00 | 1,05 | 1,20 | 1,30 | 1,45 | 1,55 | 1,65 | 1,85 | | | | | | | | | |
| 617 | 622-17 625-17 | | | 0,95 | 1,00 | 1,00 | 1,05 | 1,20 | 1,30 | 1,40 | 1,50 | 1,75 | 1,90 | 2,20 | | | | | | | |
| 618 | 623-18 624-18 | | | | 0,95 | 1,00 | 1,00 | 1,05 | 1,15 | 1,25 | 1,35 | 1,60 | 1,75 | 2,00 | 2,20 | | | | | | |
| 619 | 625-19 626-19 627-19 | | | | 0,95 | 0,95 | 1,00 | 1,00 | 1,10 | 1,20 | 1,25 | 1,40 | 1,60 | 1,75 | 1,90 | 2,10 | | | | | |
| 620 | - | | | | | 0,95 | 0,95 | 1,00 | 1,00 | 1,05 | 1,10 | 1,25 | 1,35 | 1,45 | 1,60 | 1,70 | 1,90 | | | | |
| 621 | - | | | | | 0,90 | 0,95 | 1,00 | 1,00 | 1,05 | 1,10 | 1,20 | 1,30 | 1,40 | 1,50 | 1,60 | 1,80 | | | | |
| 622 | - | | | | | 0,90 | 1,00 | 1,00 | 1,00 | 1,00 | 1,05 | 1,10 | 1,15 | 1,25 | 1,35 | 1,40 | 1,60 | | | | |
| 623 | - | | | | | 0,80 | 0,90 | 0,90 | 0,90 | 0,95 | 1,00 | 1,10 | 1,20 | 1,25 | 1,35 | 1,45 | 1,65 | | | | |
| 624 | - | | | | | 0,95 | 0,95 | 0,95 | 1,00 | 1,00 | 1,00 | 1,10 | 1,15 | 1,20 | 1,30 | 1,45 | 1,60 | | | | |
| 625 | - | | | | | | 0,90 | 0,95 | 0,90 | 1,00 | 1,00 | 1,05 | 1,10 | 1,20 | 1,25 | 1,35 | 1,50 | 1,60 | 1,75 | | |
| 626 | - | | | | | | 0,95 | 0,95 | 0,95 | | 1,00 | 1,05 | 1,10 | 1,20 | 1,25 | 1,35 | 1,50 | 1,60 | 1,75 | | |
| 627 | - | | | | | | | | 0,95 | 0,95 | 1,00 | 1,00 | 1,05 | 1,15 | 1,25 | 1,40 | 1,60 | 1,75 | 1,95 | 2,10 | |

TR GİRİŞ MİLİ YÜKÜ
IT CARICO DELL'ALBERO DI INGRESSO

EN THE LOAD OF OUTPUT SHAFT
FR CHARGE DE L'ARBRE D'ENTRÉE

DE LAST DER ANTRIEBSWELLE
ES CARGA DEL EJE DE ENTRADA

İzin verilen radyal yük FR1

Allowed radial load FR1

Zulässige Radiallast FR1

Carico radiale ammissibile FR1

Charge radiale admissible FR1

Carga radial admisible FR1

| Tip / Type / Typ / Tipo / Type / Tipo | | n ₁ [min ⁻¹] | | | | | |
|--|------------------|-------------------------------------|-----------------------------|----------------------------|-----------------------------|-----------------------------|------------------------------|
| | | i | 3000 | 1500 | 1000 | 750 | 500 |
| 607 | 607-07 | 11 - 17, 25 - 35 21, 43 | 98 | 98 | 98 | 98 | 98 |
| | 608-07 | | 78 | 29 | 49 | 49 | 49 |
| 608 | 609-08 | 6 - 17, 25 - 35, 51, 19 21, 43 | 196 | 147 | 196 | 196 | 196 |
| | 610-08 | | 49 | 49 | 49 | 147 | 196 |
| | 611-08 | | | | | | |
| | 613-08 | | | | | | |
| | 614-08 | | | | | | |
| 609 | 611-09 | 6 - 17, 25 - 71, 119 21, 87 | 294 | 194 | 294 | 294 | 294 |
| | 613-09 | | 196 | 196 | 196 | 245 | 294 |
| | 614-09 | | | | | | |
| | 616-09 | | | | | | |
| | 617-09 | | | | | | |
| 610 | 613-10 | 6 - 11, 17 - 119 13, 15 | 441 | 441 | 439 | 588 | 588 |
| | 614-10 | | | 434 | 490 | 539 | |
| | 616-10 | | | | | | |
| | 617-10 | | | | | | |
| | 618-10 | | | | | | |
| 611 612 | 616-11 | 6 - 17 21 - 87 | 588 | 686 | 784 | 882 | 882 |
| | 617-11 | | 539 | 441 | 539 | | |
| | 619-11 | | | | | | |
| | 620-11 | | | | | | |
| 613 | 618-13 | 6 - 17, 21 25 - 87 | 1370 | 1370 | 1520 | 1720 | 1860 |
| | 619-13 | | 1270 | 1270 | 1370 | 1570 | 1760 |
| | 620-13 | | | | | | |
| | 621-13 | | | | | | |
| | 622-13 | | | | | | |
| 614 | - | 11 - 17 21 - 87 | 1370 1270 | 1370 1270 | 1520 1370 | 1720 1570 | 1860 1760 |
| 615 | - | 6, 8 - 11, 17 25, 29 - 87 | 1370 1230 1080 539 | 1370 980 1130 588 | 1520 1180 1270 690 | 1720 1320 1370 686 | 1860 1470 1470 1080 |
| 616 | 621-16 | 8 - 25, 51, 59 29 - 43, 71, 87 | 1760 | 1760 | 2060 | 2160 | 2160 |
| | 623-16 | | 1080 | 1180 | 1370 | 1570 | 1570 |
| | 624-16 | | | | | | |
| 617 | 622-17 625-17 | 11 - 87 | 2060 | 2060 | 2250 | 2450 | 2650 |
| 618 | 623-18 624-18 | 11 - 87 | 2550 | 2550 | 2940 | 2450 | 2650 |
| 619 | 625-19 | 11 - 25 29 - 87 | 3040 | 3040 | 3530 | 3920 | 3920 |
| | 626-19 | | 2650 | 2550 | 2940 | 3330 | 3630 |
| | 627-19 | | | | | | |
| 620 | - | 11 - 87 | 5390 | 4900 | 5880 | 6230 | 6180 |
| 621 | - | 11 - 87 | 5740 | 5100 | 6130 | 6810 | 7250 |
| 622 | - | 11 - 87 | 6620 | 5780 | 6420 | 6960 | 7500 |
| 623 | - | 11 - 87 | - | - | 9510 | 8970 | 8730 |
| 624 | - | 11 - 87 | - | - | 10100 | 10600 | 11200 |
| 625 | - | 11 - 87 | - | - | 10800 | 12300 | 13100 |
| 626 | - | 11 - 87 | - | - | 10800 | 12300 | 13100 |
| 627 | - | 43, 59 | - | - | 14700 | 14700 | 14700 |



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Motorlu Seçim Tabloları

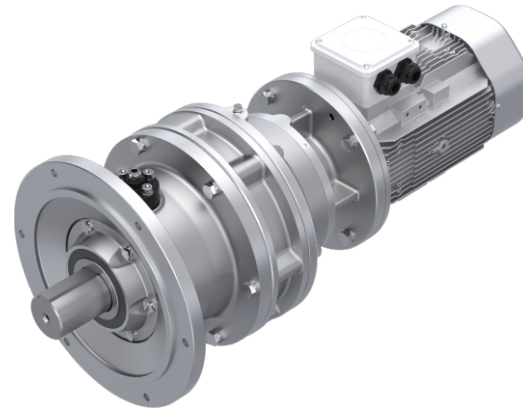
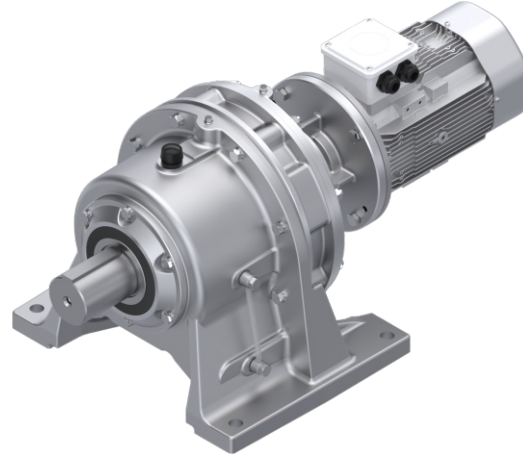
Selection Tables of
Gearedmotors

Auswahltabellen der
Getriebemotoren

Tabelle di selezione dei
motoriduttori

Tables de Gearedmotors de
sélection

Tablas de selección de
gearedmotors



PCD

TR TEKNİK AÇIKLAMALAR
IT DESCRIZIONI TECNICHE

EN TECHNICAL DESCRIPTIONS
FR DESCRIPTIONS TECHNIQUES

DE TECHNISCHE BESCHREIBUNGEN
ES DESCRIPCIONES TECNICAS

Motorlu redüktör performans tablolarının yapısı

Notify about performance tables for Geared motor.

Aufbau der Leistungstafeln für Getriebemotor

Notificare sulle tabelle di performance per i motoriduttori

Aviser sur les tableaux de performance pour le motoréducteur

Notificar sobre la tabla de performance para los motoreductores.




0.12 kW →

Redüktör motor gücü

Gear unit motor power
Getriebe Motorleistung
Potenza motore riduttore
Potencia del motor del reductor
Réducteur puissance du moteur

Ağırlık

Weight
Gewicht
Peso
Poids
Peso

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|----|----|----|----|----|---|
| | | | | | | | | HC | HX | VC | VX | FC | FX | |
| 0.12 | 616/10 | 1.2 | 788 | 2.3 | 731 | 19200 | 63M6C / 63M6B | 98 | 95 | 93 | 90 | 80 | 77 | 290-291 |
| | | 1.4 | 699 | 2.5 | 649 | 19200 | | | | | | | | |
| | | 1.5 | 641 | 2.8 | 595 | 19200 | | | | | | | | |
| | | 1.6 | 602 | 3.0 | 559 | 19200 | | | | | | | | |
| | 616/09 | 1.2 | 788 | 2.3 | 731 | 19200 | 63M6C / 63M6B | 96 | 95 | 91 | 90 | 78 | 77 | 286-287 |
| | | 1.4 | 699 | 2.5 | 649 | 19200 | | | | | | | | |
| | | 1.5 | 641 | 2.8 | 595 | 19200 | | | | | | | | |
| | | 1.6 | 602 | 3.0 | 559 | 19200 | | | | | | | | |

Servis faktörü
Service factor
Servicefaktor
Factor de servicio
Fattore di servizio
Facteur de service

Motor tipi
Motor type
Motortyp
Tipo di motore
Type de moteur
Tipo de motor

Çıkış momenti
Output torque
Abtriebsdrehmoment
Coppia di uscita
Par de salida
Couple de sortie

Tahvil oranı
Reduction ratio
Verkleinerungsfaktor
Rapporto di riduzione
Rapport de réduction
Relación de reducción

Ayak montajlı
Foot mounting
Fußbefestigung
Fissaggio piede
Fixation à pattes
Fijación por patas

Çıkış devri
Output speed
Abtriebsdrehzahl
Vitesse de sortie
Velocità di uscita
Velocidad de salida

Mil Çıkışlı
Solid shaft
Vollwelle
Albero pieno
Arbre en
Eje macizo

Flanş montajlı
Flange mounting
Flanschbefestigung
Fissaggio flangia
Fixation à bride
Fijación por brida




Gövde Büyüklüğü
Case Width
Gehäusegröße
Larghezza di cassa
Largeur de Caisse
Anchura de cajas

Müsaade edilebilir radyal yükler
Permissible radial force
Zulässige Radialkraft
Force radiale admissible
Fuerza radial admisible
Forza radiale ammessa




Gövdeden montajlı
Case mounted
Gehäuse Flanschmontage
Montato su custodia
Boîtier monté
Caja montada

Motor gücü
Rated motor power
Motormennleistung
Potenza nominale del motore
Puissance nominale du moteur
Potencia nominal del motor




Ölçü sayfaları
Drawing page
Zeichnungsseite
Pagina di disegno
Page de dessin
Pagina de diseño

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|----|----|----|----|---------|---|--|--|--|--|--|--|--|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | |
| 0.12 | 616/10 | 1.2 | 788 | 2.3 | 731 | 19200 | 63M6C / 63M6B | 98 | 95 | 93 | 90 | 80 | 77 | 290-291 | | | | | | | |
| | | 1.4 | 699 | 2.5 | 649 | 19200 | | | | | | | | | | | | | | | |
| | | 1.5 | 641 | 2.8 | 595 | 19200 | | | | | | | | | | | | | | | |
| | | 1.6 | 602 | 3.0 | 559 | 19200 | | | | | | | | | | | | | | | |
| | 616/09 | 1.2 | 788 | 2.3 | 731 | 19200 | 63M6C / 63M6B | 96 | 95 | 91 | 90 | 78 | 77 | 286-287 | | | | | | | |
| | | 1.4 | 699 | 2.5 | 649 | 19200 | | | | | | | | | | | | | | | |
| | | 1.5 | 641 | 2.8 | 595 | 19200 | | | | | | | | | | | | | | | |
| | | 1.6 | 602 | 3.0 | 559 | 19200 | | | | | | | | | | | | | | | |
| | 614/10 | 1.2 | 788 | 1.3 | 731 | 14400 | 63M6C / 63M6B | 56 | 54 | 56 | 53 | 49 | 47 | 282-283 | | | | | | | |
| | | 1.4 | 699 | 1.4 | 649 | 14400 | | | | | | | | | | | | | | | |
| | | 1.5 | 641 | 1.6 | 595 | 14400 | | | | | | | | | | | | | | | |
| | | 1.6 | 602 | 1.7 | 559 | 14400 | | | | | | | | | | | | | | | |
| | | 1.7 | 566 | 1.8 | 525 | 14400 | | | | | | | | | | | | | | | |
| | | 1.9 | 510 | 2.0 | 473 | 14400 | | | | | | | | | | | | | | | |
| | | 2.1 | 458 | 2.2 | 425 | 14400 | | | | | | | | | | | | | | | |
| | | 2.4 | 406 | 2.5 | 377 | 14400 | | | | | | | | | | | | | | | |
| | | 2.5 | 385 | 2.6 | 357 | 14400 | | | | | | | | | | | | | | | |
| | | 2.8 | 344 | 2.9 | 319 | 14400 | | | | | | | | | | | | | | | |
| | 614/10 | 1.9 | 506 | 2.0 | 731 | 14400 | 63M4A | 56 | 54 | 56 | 53 | 49 | 47 | 282-283 | | | | | | | |
| | | 2.2 | 450 | 2.2 | 649 | 14400 | | | | | | | | | | | | | | | |
| | | 2.4 | 412 | 2.5 | 595 | 14400 | | | | | | | | | | | | | | | |
| | | 2.5 | 387 | 2.6 | 559 | 14400 | | | | | | | | | | | | | | | |
| | | 2.7 | 364 | 2.8 | 525 | 14400 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | 614/09 | 1.2 | 788 | 1.3 | 731 | 14400 | 63M6C / 63M6B | 55 | 54 | 55 | 53 | 48 | 47 | 278-279 | | | | | | | |
| | | 1.4 | 699 | 1.4 | 649 | 14400 | | | | | | | | | | | | | | | |
| | | 1.5 | 641 | 1.6 | 595 | 14400 | | | | | | | | | | | | | | | |
| | | 1.6 | 602 | 1.7 | 559 | 14400 | | | | | | | | | | | | | | | |
| | | 1.7 | 566 | 1.8 | 525 | 14400 | | | | | | | | | | | | | | | |
| | | 1.9 | 510 | 2.0 | 473 | 14400 | | | | | | | | | | | | | | | |
| 2.1 | | 458 | 2.2 | 425 | 14400 | | | | | | | | | | | | | | | | |
| 2.4 | | 406 | 2.5 | 377 | 14400 | | | | | | | | | | | | | | | | |
| 2.5 | | 385 | 2.6 | 357 | 14400 | | | | | | | | | | | | | | | | |
| 2.8 | | 344 | 2.9 | 319 | 14400 | | | | | | | | | | | | | | | | |
| 614/09 | 1.9 | 506 | 2.0 | 731 | 14400 | 63M4A | 55 | 54 | 55 | 53 | 48 | 47 | 278-279 | | | | | | | | |
| | 2.2 | 450 | 2.2 | 649 | 14400 | | | | | | | | | | | | | | | | |
| | 2.4 | 412 | 2.5 | 595 | 14400 | | | | | | | | | | | | | | | | |
| | 2.5 | 387 | 2.6 | 559 | 14400 | | | | | | | | | | | | | | | | |
| | 2.7 | 364 | 2.8 | 525 | 14400 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| 614/08 | 1.2 | 788 | 1.3 | 731 | 14400 | 63M6C / 63M6B | 50 | 50 | 49 | 49 | 43 | 43 | 274-275 | | | | | | | | |
| | 1.4 | 699 | 1.4 | 649 | 14400 | | | | | | | | | | | | | | | | |
| | 1.5 | 641 | 1.6 | 595 | 14400 | | | | | | | | | | | | | | | | |
| | 1.6 | 602 | 1.7 | 559 | 14400 | | | | | | | | | | | | | | | | |
| | 1.7 | 566 | 1.8 | 525 | 14400 | | | | | | | | | | | | | | | | |
| | 1.9 | 510 | 2.0 | 473 | 14400 | | | | | | | | | | | | | | | | |
| | 2.1 | 458 | 2.2 | 425 | 14400 | | | | | | | | | | | | | | | | |
| | 2.4 | 406 | 2.5 | 377 | 14400 | | | | | | | | | | | | | | | | |
| | 2.5 | 385 | 2.6 | 357 | 14400 | | | | | | | | | | | | | | | | |
| | 2.8 | 344 | 2.9 | 319 | 14400 | | | | | | | | | | | | | | | | |
| 614/08 | 1.9 | 506 | 2.0 | 731 | 14400 | 63M4A | 50 | 50 | 49 | 49 | 43 | 43 | 274-275 | | | | | | | | |
| | 2.2 | 450 | 2.2 | 649 | 14400 | | | | | | | | | | | | | | | | |
| | 2.4 | 412 | 2.5 | 595 | 14400 | | | | | | | | | | | | | | | | |
| | 2.5 | 387 | 2.6 | 559 | 14400 | | | | | | | | | | | | | | | | |
| | 2.7 | 364 | 2.8 | 525 | 14400 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| 613/10 | 1.2 | 788 | 1.0 | 731 | 12900 | 63M6C / 63M6B | 56 | 54 | 56 | 53 | 49 | 47 | 270-271 | | | | | | | | |
| | 1.4 | 699 | 1.1 | 649 | 12900 | | | | | | | | | | | | | | | | |
| | 1.5 | 641 | 1.2 | 595 | 12900 | | | | | | | | | | | | | | | | |
| | 1.6 | 602 | 1.2 | 559 | 12900 | | | | | | | | | | | | | | | | |
| | 1.7 | 566 | 1.3 | 525 | 12900 | | | | | | | | | | | | | | | | |
| | 1.9 | 510 | 1.5 | 473 | 12900 | | | | | | | | | | | | | | | | |
| | 2.1 | 458 | 1.6 | 425 | 12900 | | | | | | | | | | | | | | | | |
| | 2.4 | 406 | 1.8 | 377 | 12900 | | | | | | | | | | | | | | | | |
| | 2.5 | 385 | 1.9 | 357 | 12900 | | | | | | | | | | | | | | | | |
| | 2.8 | 344 | 2.2 | 319 | 12900 | | | | | | | | | | | | | | | | |
| | 3.3 | 294 | 2.5 | 273 | 12900 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|---------------|---------------|-------|----|----|----|----|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | |
| 0.12 | 613/10 | 1.9 | 506 | 1.5 | 731 | 12900 | 63M4A | 56 | 54 | 56 | 53 | 49 | 47 | 270-271 | | |
| | | 2.2 | 450 | 1.7 | 649 | 12900 | | | | | | | | | | |
| | | 2.4 | 412 | 1.8 | 595 | 12900 | | | | | | | | | | |
| | | 2.5 | 387 | 1.9 | 559 | 12900 | | | | | | | | | | |
| | | 2.7 | 364 | 2.1 | 525 | 12900 | | | | | | | | | | |
| | | 3.0 | 328 | 2.3 | 473 | 12900 | | | | | | | | | | |
| | | 3.3 | 294 | 2.5 | 425 | 12900 | | | | | | | | | | |
| | | 3.7 | 261 | 2.9 | 377 | 12900 | | | | | | | | | | |
| | | 3.8 | 253 | 3.0 | 731 | 12900 | | | | | | | | | | |
| | | 3.8 | 253 | 3.0 | 731 | 12900 | | | | | | | | | | |
| | 613/09 | 613/09 | 1.2 | 788 | 1.0 | 731 | 12900 | 63M6C / 63M6B | 55 | 54 | 55 | 53 | 48 | 47 | 266-267 | |
| | | | 1.4 | 699 | 1.1 | 649 | 12900 | | | | | | | | | |
| | | | 1.5 | 641 | 1.2 | 595 | 12900 | | | | | | | | | |
| | | | 1.6 | 602 | 1.2 | 559 | 12900 | | | | | | | | | |
| | | | 1.7 | 566 | 1.3 | 525 | 12900 | | | | | | | | | |
| | | | 1.9 | 510 | 1.5 | 473 | 12900 | | | | | | | | | |
| | | | 2.1 | 458 | 1.6 | 425 | 12900 | | | | | | | | | |
| | | | 2.4 | 406 | 1.8 | 377 | 12900 | | | | | | | | | |
| | | | 2.5 | 385 | 1.9 | 357 | 12900 | | | | | | | | | |
| | | | 2.8 | 344 | 2.2 | 319 | 12900 | | | | | | | | | |
| | | 3.3 | 294 | 2.5 | 273 | 12900 | | | | | | | | | | |
| | | 613/09 | 613/09 | 1.9 | 506 | 1.5 | 731 | 12900 | 63M4A | 55 | 54 | 55 | 53 | 48 | 47 | 266-267 |
| | | | | 2.2 | 450 | 1.7 | 649 | 12900 | | | | | | | | |
| | | | | 2.4 | 412 | 1.8 | 595 | 12900 | | | | | | | | |
| | | | | 2.5 | 387 | 1.9 | 559 | 12900 | | | | | | | | |
| | | | | 2.7 | 364 | 2.1 | 525 | 12900 | | | | | | | | |
| | | | | 3.0 | 328 | 2.3 | 473 | 12900 | | | | | | | | |
| | | | | 3.3 | 294 | 2.5 | 425 | 12900 | | | | | | | | |
| 3.7 | | | | 261 | 2.9 | 377 | 12900 | | | | | | | | | |
| 3.8 | | | | 253 | 3.0 | 731 | 12900 | | | | | | | | | |
| 3.8 | 253 | | | 3.0 | 731 | 12900 | | | | | | | | | | |
| 613/08 | 613/08 | 1.2 | 788 | 1.0 | 731 | 12900 | 63M6C / 63M6B | 51 | 50 | 50 | 49 | 44 | 43 | 262-263 | | |
| | | 1.4 | 699 | 1.1 | 649 | 12900 | | | | | | | | | | |
| | | 1.5 | 641 | 1.2 | 595 | 12900 | | | | | | | | | | |
| | | 1.6 | 602 | 1.2 | 559 | 12900 | | | | | | | | | | |
| | | 1.7 | 566 | 1.3 | 525 | 12900 | | | | | | | | | | |
| | | 1.9 | 510 | 1.5 | 473 | 12900 | | | | | | | | | | |
| | | 2.1 | 458 | 1.6 | 425 | 12900 | | | | | | | | | | |
| | | 2.4 | 406 | 1.8 | 377 | 12900 | | | | | | | | | | |
| | | 2.5 | 385 | 1.9 | 357 | 12900 | | | | | | | | | | |
| | | 2.8 | 344 | 2.2 | 319 | 12900 | | | | | | | | | | |
| | 3.3 | 294 | 2.5 | 273 | 12900 | | | | | | | | | | | |
| | 613/08 | 613/08 | 1.9 | 506 | 1.5 | 731 | 12900 | 63M4A | 51 | 50 | 50 | 49 | 44 | 43 | 262-263 | |
| | | | 2.2 | 450 | 1.7 | 649 | 12900 | | | | | | | | | |
| | | | 2.4 | 412 | 1.8 | 595 | 12900 | | | | | | | | | |
| | | | 2.5 | 387 | 1.9 | 559 | 12900 | | | | | | | | | |
| | | | 2.7 | 364 | 2.1 | 525 | 12900 | | | | | | | | | |
| | | | 3.0 | 328 | 2.3 | 473 | 12900 | | | | | | | | | |
| | | | 3.3 | 294 | 2.5 | 425 | 12900 | | | | | | | | | |
| | | | 3.7 | 261 | 2.9 | 377 | 12900 | | | | | | | | | |
| | | | 3.8 | 253 | 3.0 | 731 | 12900 | | | | | | | | | |
| 3.8 | | | 253 | 3.0 | 731 | 12900 | | | | | | | | | | |
| 611/09 | 611/09 | 1.6 | 602 | 0.8 | 559 | 8460 | 63M6C / 63M6B | 40 | 38 | 39 | 37 | 36 | 34 | 258-259 | | |
| | | 1.7 | 566 | 0.9 | 525 | 8460 | | | | | | | | | | |
| | | 1.9 | 510 | 1.0 | 473 | 8460 | | | | | | | | | | |
| | | 2.1 | 458 | 1.1 | 425 | 8460 | | | | | | | | | | |
| | | 2.4 | 406 | 1.2 | 377 | 8460 | | | | | | | | | | |
| | | 2.5 | 385 | 1.3 | 357 | 8460 | | | | | | | | | | |
| | | 2.8 | 344 | 1.5 | 319 | 8460 | | | | | | | | | | |
| | | 3.3 | 294 | 1.7 | 273 | 8460 | | | | | | | | | | |
| | | 3.9 | 249 | 2.0 | 231 | 8460 | | | | | | | | | | |
| | | 4.6 | 210 | 2.4 | 195 | 8460 | | | | | | | | | | |
| | 5.5 | 178 | 2.8 | 165 | 8460 | | | | | | | | | | | |
| | 611/09 | 611/09 | 1.9 | 506 | 1.0 | 731 | 8460 | 63M4A | 40 | 38 | 39 | 37 | 36 | 34 | 258-259 | |
| | | | 2.2 | 450 | 1.1 | 649 | 8460 | | | | | | | | | |
| | | | 2.4 | 412 | 1.2 | 595 | 8460 | | | | | | | | | |
| | | | 2.5 | 387 | 1.3 | 559 | 8460 | | | | | | | | | |
| | | | 2.7 | 364 | 1.4 | 525 | 8460 | | | | | | | | | |
| | | | 3.0 | 328 | 1.5 | 473 | 8460 | | | | | | | | | |
| | | | 3.3 | 294 | 1.7 | 425 | 8460 | | | | | | | | | |
| | | | 3.7 | 261 | 1.9 | 377 | 8460 | | | | | | | | | |
| | | | 3.9 | 247 | 2.0 | 357 | 8460 | | | | | | | | | |
| 4.4 | | | 221 | 2.3 | 319 | 8460 | | | | | | | | | | |
| 5.1 | 189 | 2.6 | 273 | 8460 | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | kg ~ | | | | | |  mm | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|----------------------|--------------|----|----|----|---------|---|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | |
| 0.12 | 611/09 | 3.8 | 253 | 2.0 | 731 | 8460 | 63M2K | 40 | 38 | 39 | 37 | 36 | 34 | 258-259 | | |
| | | 4.3 | 225 | 2.2 | 649 | 8460 | | | | | | | | | | |
| | | 4.7 | 206 | 2.4 | 595 | 8460 | | | | | | | | | | |
| | | 5.0 | 194 | 2.6 | 559 | 8460 | | | | | | | | | | |
| | | 5.3 | 182 | 2.7 | 525 | 8460 | | | | | | | | | | |
| | | 14.4 | 68 | 1.6 | 195 | 8460 | | | | | | | | | | |
| | 611/08 | | 1.6 | 602 | 0.8 | 559 | 8460 | 63M6C / 63M6B | 34 | 34 | 33 | 33 | 30 | 30 | 254-255 | |
| | | | 1.7 | 566 | 0.9 | 525 | 8460 | | | | | | | | | |
| | | | 1.9 | 510 | 1.0 | 473 | 8460 | | | | | | | | | |
| | | | 2.1 | 458 | 1.1 | 425 | 8460 | | | | | | | | | |
| | | | 2.4 | 406 | 1.2 | 377 | 8460 | | | | | | | | | |
| | | | 2.5 | 385 | 1.3 | 357 | 8460 | | | | | | | | | |
| | | | 2.8 | 344 | 1.5 | 319 | 8460 | | | | | | | | | |
| | | | 3.3 | 294 | 1.7 | 273 | 8460 | | | | | | | | | |
| | | | 3.9 | 249 | 2.0 | 231 | 8460 | | | | | | | | | |
| | | | 4.6 | 210 | 2.4 | 195 | 8460 | | | | | | | | | |
| | | | 5.5 | 178 | 2.8 | 165 | 8460 | | | | | | | | | |
| | | | 6.3 | 154 | 2.8 | 143 | 8460 | | | | | | | | | |
| | | 7.4 | 130 | 2.8 | 121 | 8460 | | | | | | | | | | |
| | | 8.7 | 112 | 2.8 | 104 | 8460 | | | | | | | | | | |
| | | | | 1.9 | 506 | 1.0 | 731 | 8460 | 63M4A | 34 | 34 | 33 | 33 | 30 | 30 | 254-255 |
| | | | | 2.2 | 450 | 1.1 | 649 | 8460 | | | | | | | | |
| | | | | 2.4 | 412 | 1.2 | 595 | 8460 | | | | | | | | |
| | | | | 2.5 | 387 | 1.3 | 559 | 8460 | | | | | | | | |
| | 2.7 | | | 364 | 1.4 | 525 | 8460 | | | | | | | | | |
| | 3.0 | | | 328 | 1.5 | 473 | 8460 | | | | | | | | | |
| | 3.3 | | | 294 | 1.7 | 425 | 8460 | | | | | | | | | |
| | 3.7 | | | 261 | 1.9 | 377 | 8460 | | | | | | | | | |
| | 3.9 | | | 247 | 2.0 | 357 | 8460 | | | | | | | | | |
| | 4.4 | | | 221 | 2.3 | 319 | 8460 | | | | | | | | | |
| | 5.1 | | | 189 | 2.6 | 273 | 8460 | | | | | | | | | |
| | | | | | 3.8 | 253 | 2.0 | 731 | | | | | | | | |
| | | 4.3 | 225 | | 2.2 | 649 | 8460 | | | | | | | | | |
| | | 4.7 | 206 | | 2.4 | 595 | 8460 | | | | | | | | | |
| | | 5.0 | 194 | | 2.6 | 559 | 8460 | | | | | | | | | |
| | | 5.3 | 182 | | 2.7 | 525 | 8460 | | | | | | | | | |
| 14.4 | | 68 | 1.6 | | 195 | 8460 | | | | | | | | | | |
| 610/08 | | 3.3 | 294 | 0.8 | 273 | 5290 | 63M6C / 63M6B | 24 | 23 | 22 | 21 | 21 | 20 | 250-251 | | |
| | | 3.9 | 249 | 1.0 | 231 | 5290 | | | | | | | | | | |
| | | 4.6 | 210 | 1.2 | 195 | 5290 | | | | | | | | | | |
| | | 5.5 | 178 | 1.4 | 165 | 5290 | | | | | | | | | | |
| | | 6.3 | 154 | 1.3 | 143 | 5290 | | | | | | | | | | |
| | | 7.4 | 130 | 1.5 | 121 | 5290 | | | | | | | | | | |
| | | 8.7 | 112 | 1.8 | 104 | 5290 | | | | | | | | | | |
| | | | | 3.3 | 294 | 0.8 | | | | | | | | | 425 | 5290 |
| | 3.7 | | | 261 | 1.0 | 377 | 5290 | | | | | | | | | |
| | 3.9 | | | 247 | 1.0 | 357 | 5290 | | | | | | | | | |
| | 4.4 | | | 221 | 1.1 | 319 | 5290 | | | | | | | | | |
| | 5.1 | | | 189 | 1.3 | 273 | 5290 | | | | | | | | | |
| | 6.1 | | | 160 | 1.6 | 231 | 5290 | | | | | | | | | |
| | 7.2 | | | 135 | 1.9 | 195 | 5290 | | | | | | | | | |
| | 8.5 | | | 114 | 2.2 | 165 | 5290 | | | | | | | | | |
| | 9.8 | | | 99 | 2.0 | 143 | 5290 | | | | | | | | | |
| | 11.6 | | | 84 | 2.4 | 121 | 5290 | | | | | | | | | |
| | 13.5 | 72 | 2.8 | 104 | 5290 | | | | | | | | | | | |
| | | 3.8 | 253 | 1.0 | 731 | 5290 | 63M2K | 24 | 23 | 22 | 21 | 21 | 20 | 250-251 | | |
| | | 4.3 | 225 | 1.1 | 649 | 5290 | | | | | | | | | | |
| | | 4.7 | 206 | 1.2 | 595 | 5290 | | | | | | | | | | |
| | | 5.0 | 194 | 1.3 | 559 | 5290 | | | | | | | | | | |
| | | 5.3 | 182 | 1.4 | 525 | 5290 | | | | | | | | | | |
| | | 5.9 | 164 | 1.5 | 473 | 5290 | | | | | | | | | | |
| | | 6.6 | 147 | 1.7 | 425 | 5290 | | | | | | | | | | |
| | | 7.4 | 131 | 1.9 | 377 | 5290 | | | | | | | | | | |
| | | 7.8 | 124 | 2.0 | 357 | 5290 | | | | | | | | | | |
| | | 8.8 | 111 | 2.3 | 319 | 5290 | | | | | | | | | | |
| | | 10.3 | 95 | 2.6 | 273 | 5290 | | | | | | | | | | |
| | | 610 | | 7.6 | 139 | 1.6 | | | | | | | | | 119 | 5290 |
| 10.3 | 102 | | | 2.7 | 87 | 5290 | | | | | | | | | | |
| | 11.8 | | 90 | 2.1 | 119 | 5290 | 63M4A | 23 | 21 | 21 | 19 | 20 | 18 | 176-177 | | |
| | 23.5 | 45 | 2.1 | 119 | 5290 | 63M2K | 23 | 21 | 21 | 19 | 20 | 18 | 176-177 | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | |
|------------------------|---------------|--|--|---|---|--|--|---|--|----------------------|----|----|----|---------|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | |
| 0.12 | 609/08 | 7.4 8.7 | 130 112 | 0.8 1.0 | 121 104 | 3270 3270 | 63M6C / 63M6B | 22 | 20 | 20 | 18 | 19 | 17 | 246-247 | | | |
| | | 7.2 8.5 9.8 11.6 13.5 | 135 114 99 84 72 | 0.9 1.1 1.1 1.2 1.4 | 195 165 143 121 104 | 3270 3270 3270 3270 3270 | 63M4A | 22 | 20 | 20 | 18 | 19 | 17 | 246-247 | | | |
| | | 6.6 7.4 7.8 8.8 10.3 12.1 14.4 17.0 19.6 23.1 26.9 | 147 131 124 111 95 80 68 57 50 42 36 | 0.8 0.9 1.0 1.1 1.2 1.3 1.6 1.7 1.8 2.0 2.3 | 425 377 357 319 273 231 195 165 143 121 104 | 3270 3270 3270 3270 3270 3270 3270 3270 3270 3270 3270 | 63M2K | 22 | 20 | 20 | 18 | 19 | 17 | 246-247 | | | |
| | | 609 | 10.3 12.7 15.3 17.6 20.9 | 102 83 69 60 50 | 1.4 1.7 2.0 2.3 2.8 | 87 71 59 51 43 | 3280 3280 3280 3280 3280 | 63M6C / 63M6B | 22 | 19 | 20 | 17 | 19 | 16 | 172-173 | | |
| | | | 11.8 16.1 19.7 23.7 | 90 66 53 44 | 0.8 2.0 2.1 2.7 | 119 87 71 59 | 3280 3280 3280 3280 | 63M4A | 22 | 19 | 20 | 17 | 19 | 16 | 172-173 | | |
| | | | 23.5 32.2 39.4 47.5 | 45 33 27 22 | 0.8 2.0 2.1 2.7 | 119 87 71 59 | 3280 3280 3280 3280 | 63M2K | 22 | 19 | 20 | 17 | 19 | 16 | 172-173 | | |
| | | | 608/07 | 17.0 19.6 23.1 | 57 50 42 | 0.8 0.8 0.9 | 165 143 121 | 1740 1740 1740 | 63M2K | 13 | 17 | 15 | 19 | 14 | 17 | 242-243 | |
| | | | | 608 | 20.9 25.7 31.0 36.0 42.9 52.9 | 50 41 34 29 25 20 | 1.1 1.3 1.6 1.6 2.2 2.8 | 43 35 29 25 21 17 | 1740 1740 1740 1740 1740 1740 | 63M6C / 63M6B | 11 | 11 | 13 | 13 | 12 | 11 | 168-169 |
| | | | | | 23.7 27.5 32.6 40.0 48.3 56.0 | 44 38 32 26 22 19 | 1.0 1.0 1.7 2.1 2.1 2.1 | 59 51 43 35 29 25 | 1740 1740 1740 1740 1740 1740 | 63M4A | 11 | 11 | 13 | 13 | 12 | 11 | 168-169 |
| | | 47.5 54.9 65.1 80.0 96.6 112.0 | 22 19 16 13 11 9 | | 1.0 1.0 1.7 2.1 2.1 2.1 | 59 51 43 35 29 25 | 1740 1740 1740 1740 1740 1720 | 63M2K | 11 | 11 | 13 | 13 | 12 | 11 | 168-169 | | |
| | | 607 | 31.0 36.0 42.9 52.9 60.0 69.2 81.8 | | 34 29 25 20 18 15 13 | 0.8 0.9 1.2 1.4 1.6 1.6 1.6 | 29 25 21 17 15 13 11 | 1160 1160 1160 1160 1160 1160 1110 | 63M6C / 63M6B | 11 | 11 | 12 | 12 | 12 | 11 | 164-165 | |
| | | | 32.6 40.0 48.3 56.0 66.7 82.4 93.3 107.7 127.3 | | 32 26 22 19 16 13 11 10 8 | 0.8 1.0 1.2 1.3 1.8 2.1 2.1 2.1 2.1 | 43 35 29 25 21 17 15 13 11 | 1160 1160 1160 1160 1160 1120 1080 1030 970 | 63M4A | 11 | 11 | 12 | 12 | 12 | 11 | 164-165 | |
| | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|-----|-----|-----|-----|---------|---|--------------|----|----|----|----|----|----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 0.12 | 607 | 65.1 | 16 | 0.8 | 43 | 1160 | 63M2K | 11 | 11 | 12 | 12 | 12 | 11 | 164-165 | | | | | | | | |
| | | 80.0 | 13 | 1.0 | 35 | 1130 | | | | | | | | | | | | | | | | |
| | | 96.6 | 11 | 1.2 | 29 | 1060 | | | | | | | | | | | | | | | | |
| | | 112.0 | 9 | 1.3 | 25 | 1010 | | | | | | | | | | | | | | | | |
| | | 133.3 | 8 | 1.8 | 21 | 960 | | | | | | | | | | | | | | | | |
| | | 164.7 | 6 | 2.1 | 17 | 890 | | | | | | | | | | | | | | | | |
| | | 186.7 | 6 | 2.1 | 15 | 860 | | | | | | | | | | | | | | | | |
| | | 215.4 | 5 | 2.1 | 13 | 820 | | | | | | | | | | | | | | | | |
| 254.5 | 4 | 2.1 | 11 | 770 | | | | | | | | | | | | | | | | | | |
| 0.18 | 617/11 | 1.2 | 1182 | 2.3 | 731 | 27000 | 71M6B / 71M6A | 146 | 138 | 146 | 138 | 117 | 109 | 306-307 | | | | | | | | |
| | | 1.4 | 1049 | 2.6 | 649 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.5 | 962 | 2.8 | 595 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.6 | 904 | 3.0 | 559 | 27000 | | | | | | | | | | | | | | | | |
| | 617/10 | 1.2 | 1182 | 2.3 | 731 | 27000 | 71M6B / 71M6A | 135 | 131 | 135 | 131 | 106 | 102 | 302-303 | | | | | | | | |
| | | 1.4 | 1049 | 2.6 | 649 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.5 | 962 | 2.8 | 595 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.6 | 904 | 3.0 | 559 | 27000 | | | | | | | | | | | | | | | | |
| | 617/09 | 1.2 | 1182 | 2.3 | 731 | 27000 | 71M6B / 71M6A | 133 | 131 | 133 | 131 | 104 | 102 | 298-299 | | | | | | | | |
| | | 1.4 | 1049 | 2.6 | 649 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.5 | 962 | 2.8 | 595 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.6 | 904 | 3.0 | 559 | 27000 | | | | | | | | | | | | | | | | |
| | 616/11 | 1.2 | 1182 | 1.5 | 731 | 19200 | 71M6B / 71M6A | 111 | 104 | 106 | 99 | 93 | 86 | 294-295 | | | | | | | | |
| | | 1.4 | 1049 | 1.7 | 649 | 19200 | | | | | | | | | | | | | | | | |
| | | 1.5 | 962 | 1.9 | 595 | 19200 | | | | | | | | | | | | | | | | |
| | | 1.6 | 904 | 2.0 | 559 | 19200 | | | | | | | | | | | | | | | | |
| | | 1.7 | 849 | 2.1 | 525 | 19200 | | | | | | | | | | | | | | | | |
| | | 1.9 | 765 | 2.3 | 473 | 19200 | | | | | | | | | | | | | | | | |
| | | 2.1 | 687 | 2.6 | 425 | 19200 | | | | | | | | | | | | | | | | |
| | 2.4 | 609 | 2.9 | 377 | 19200 | | | | | | | | | | | | | | | | | |
| | 616/10 | 1.2 | 1182 | 1.5 | 731 | 19200 | 71M6B / 71M6A | 101 | 98 | 96 | 93 | 83 | 80 | 290-291 | | | | | | | | |
| | | 1.4 | 1049 | 1.7 | 649 | 19200 | | | | | | | | | | | | | | | | |
| | | 1.5 | 962 | 1.9 | 595 | 19200 | | | | | | | | | | | | | | | | |
| | | 1.6 | 904 | 2.0 | 559 | 19200 | | | | | | | | | | | | | | | | |
| | | 1.7 | 849 | 2.1 | 525 | 19200 | | | | | | | | | | | | | | | | |
| | | 1.9 | 765 | 2.3 | 473 | 19200 | | | | | | | | | | | | | | | | |
| | | 2.1 | 687 | 2.6 | 425 | 19200 | | | | | | | | | | | | | | | | |
| | | 2.4 | 609 | 2.9 | 377 | 19200 | | | | | | | | | | | | | | | | |
| | | 1.9 | 760 | 2.3 | 731 | 19200 | | | | | | | | | 63M4B | 98 | 95 | 93 | 90 | 80 | 77 | 290-291 |
| | | 2.2 | 674 | 2.6 | 649 | 19200 | | | | | | | | | | | | | | | | |
| | 2.4 | 618 | 2.9 | 595 | 19200 | | | | | | | | | | | | | | | | | |
| | 616/09 | 1.2 | 1182 | 1.5 | 731 | 19200 | 71M6B / 71M6A | 99 | 98 | 94 | 93 | 81 | 80 | 286-287 | | | | | | | | |
| | | 1.4 | 1049 | 1.7 | 649 | 19200 | | | | | | | | | | | | | | | | |
| | | 1.5 | 962 | 1.9 | 595 | 19200 | | | | | | | | | | | | | | | | |
| | | 1.6 | 904 | 2.0 | 559 | 19200 | | | | | | | | | | | | | | | | |
| | | 1.7 | 849 | 2.1 | 525 | 19200 | | | | | | | | | | | | | | | | |
| | | 1.9 | 765 | 2.3 | 473 | 19200 | | | | | | | | | | | | | | | | |
| | | 2.1 | 687 | 2.6 | 425 | 19200 | | | | | | | | | | | | | | | | |
| | | 2.4 | 609 | 2.9 | 377 | 19200 | | | | | | | | | | | | | | | | |
| | | 1.9 | 760 | 2.3 | 731 | 19200 | | | | | | | | | 63M4B | 96 | 95 | 91 | 90 | 78 | 77 | 286-287 |
| 2.2 | | 674 | 2.6 | 649 | 19200 | | | | | | | | | | | | | | | | | |
| 2.4 | 618 | 2.9 | 595 | 19200 | | | | | | | | | | | | | | | | | | |
| 614/10 | 1.2 | 1182 | 0.9 | 731 | 14400 | 71M6B / 71M6A | 59 | 57 | 59 | 56 | 52 | 50 | 282-283 | | | | | | | | | |
| | 1.4 | 1049 | 1.0 | 649 | 14400 | | | | | | | | | | | | | | | | | |
| | 1.5 | 962 | 1.1 | 595 | 14400 | | | | | | | | | | | | | | | | | |
| | 1.6 | 904 | 1.1 | 559 | 14400 | | | | | | | | | | | | | | | | | |
| | 1.7 | 849 | 1.2 | 525 | 14400 | | | | | | | | | | | | | | | | | |
| | 1.9 | 765 | 1.3 | 473 | 14400 | | | | | | | | | | | | | | | | | |
| | 2.1 | 687 | 1.5 | 425 | 14400 | | | | | | | | | | | | | | | | | |
| | 2.4 | 609 | 1.7 | 377 | 14400 | | | | | | | | | | | | | | | | | |
| | 2.5 | 577 | 1.8 | 357 | 14400 | | | | | | | | | | | | | | | | | |
| | 2.8 | 516 | 2.0 | 319 | 14400 | | | | | | | | | | | | | | | | | |
| | 3.3 | 441 | 2.3 | 273 | 14400 | | | | | | | | | | | | | | | | | |
| | 3.9 | 373 | 2.7 | 231 | 14400 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|---------------|---------------|----|----|----|----|----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | |
| 0.18 | 614/10 | 1.9 | 760 | 1.3 | 731 | 14400 | 63M4B | 56 | 54 | 56 | 53 | 49 | 47 | 282-283 | |
| | | 2.2 | 674 | 1.5 | 649 | 14400 | | | | | | | | | |
| | | 2.4 | 618 | 1.6 | 595 | 14400 | | | | | | | | | |
| | | 2.5 | 581 | 1.7 | 559 | 14400 | | | | | | | | | |
| | | 2.7 | 546 | 1.9 | 525 | 14400 | | | | | | | | | |
| | | 3.0 | 492 | 2.1 | 473 | 14400 | | | | | | | | | |
| | | 3.3 | 442 | 2.3 | 425 | 14400 | | | | | | | | | |
| | | 3.7 | 392 | 2.6 | 377 | 14400 | | | | | | | | | |
| | | 3.9 | 371 | 2.7 | 357 | 14400 | | | | | | | | | |
| | | 3.8 | 380 | 2.7 | 731 | 14400 | | | | | | | | | 63M2A |
| | 4.3 | 337 | 3.0 | 649 | 14400 | | | | | | | | | | |
| | 614/09 | 614/09 | 1.2 | 1182 | 0.9 | 731 | 14400 | 71M6B / 71M6A | 58 | 57 | 58 | 56 | 51 | 50 | 278-279 |
| | | | 1.4 | 1049 | 1.0 | 649 | 14400 | | | | | | | | |
| | | | 1.5 | 962 | 1.1 | 595 | 14400 | | | | | | | | |
| | | | 1.6 | 904 | 1.1 | 559 | 14400 | | | | | | | | |
| | | | 1.7 | 849 | 1.2 | 525 | 14400 | | | | | | | | |
| | | | 1.9 | 765 | 1.3 | 473 | 14400 | | | | | | | | |
| | | | 2.1 | 687 | 1.5 | 425 | 14400 | | | | | | | | |
| | | | 2.4 | 609 | 1.7 | 377 | 14400 | | | | | | | | |
| | | | 2.5 | 577 | 1.8 | 357 | 14400 | | | | | | | | |
| | | | 2.8 | 516 | 2.0 | 319 | 14400 | | | | | | | | |
| | | 3.3 | 441 | 2.3 | 273 | 14400 | | | | | | | | | |
| | | 3.9 | 373 | 2.7 | 231 | 14400 | | | | | | | | | |
| | | 1.9 | 760 | 1.3 | 731 | 14400 | 63M4B | 55 | 54 | 55 | 53 | 48 | 47 | 278-279 | |
| | | 2.2 | 674 | 1.5 | 649 | 14400 | | | | | | | | | |
| | | 2.4 | 618 | 1.6 | 595 | 14400 | | | | | | | | | |
| | | 2.5 | 581 | 1.7 | 559 | 14400 | | | | | | | | | |
| | | 2.7 | 546 | 1.9 | 525 | 14400 | | | | | | | | | |
| 3.0 | | 492 | 2.1 | 473 | 14400 | | | | | | | | | | |
| 3.3 | | 442 | 2.3 | 425 | 14400 | | | | | | | | | | |
| 3.7 | | 392 | 2.6 | 377 | 14400 | | | | | | | | | | |
| 3.9 | 371 | 2.7 | 357 | 14400 | | | | | | | | | | | |
| 3.8 | 380 | 2.7 | 731 | 14400 | 63M2A | 55 | | | | | | | | | 54 |
| 4.3 | 337 | 3.0 | 649 | 14400 | | | | | | | | | | | |
| 614/08 | 614/08 | 1.2 | 1182 | 0.9 | 731 | 14400 | 71M6B / 71M6A | 53 | 53 | 52 | 52 | 46 | 46 | 274-275 | |
| | | 1.4 | 1049 | 1.0 | 649 | 14400 | | | | | | | | | |
| | | 1.5 | 962 | 1.1 | 595 | 14400 | | | | | | | | | |
| | | 1.6 | 904 | 1.1 | 559 | 14400 | | | | | | | | | |
| | | 1.7 | 849 | 1.2 | 525 | 14400 | | | | | | | | | |
| | | 1.9 | 765 | 1.3 | 473 | 14400 | | | | | | | | | |
| | | 2.1 | 687 | 1.5 | 425 | 14400 | | | | | | | | | |
| | | 2.4 | 609 | 1.7 | 377 | 14400 | | | | | | | | | |
| | | 2.5 | 577 | 1.8 | 357 | 14400 | | | | | | | | | |
| | | 2.8 | 516 | 2.0 | 319 | 14400 | | | | | | | | | |
| | | 3.3 | 441 | 2.1 | 273 | 14400 | | | | | | | | | |
| | | 3.9 | 373 | 2.1 | 231 | 14400 | | | | | | | | | |
| | | 4.6 | 315 | 2.1 | 195 | 14400 | | | | | | | | | |
| | | 5.5 | 267 | 2.1 | 165 | 14400 | | | | | | | | | |
| | | 6.3 | 231 | 2.1 | 143 | 14400 | | | | | | | | | |
| | | 7.4 | 196 | 2.1 | 121 | 14400 | | | | | | | | | |
| | | 8.7 | 168 | 2.1 | 104 | 14400 | | | | | | | | | |
| | | 1.9 | 760 | 1.3 | 731 | 14400 | | | | | | | | | 63M4B |
| | 2.2 | 674 | 1.5 | 649 | 14400 | | | | | | | | | | |
| | 2.4 | 618 | 1.6 | 595 | 14400 | | | | | | | | | | |
| | 2.5 | 581 | 1.7 | 559 | 14400 | | | | | | | | | | |
| | 2.7 | 546 | 1.9 | 525 | 14400 | | | | | | | | | | |
| | 3.0 | 492 | 2.1 | 473 | 14400 | | | | | | | | | | |
| | 3.3 | 442 | 2.2 | 425 | 14400 | | | | | | | | | | |
| | 3.7 | 392 | 2.2 | 377 | 14400 | | | | | | | | | | |
| | 3.9 | 371 | 2.2 | 357 | 14400 | | | | | | | | | | |
| | 4.4 | 332 | 2.2 | 319 | 14400 | | | | | | | | | | |
| | 5.1 | 284 | 2.2 | 273 | 14400 | | | | | | | | | | |
| 6.1 | 240 | 2.2 | 231 | 14400 | | | | | | | | | | | |
| 7.2 | 203 | 2.2 | 195 | 14400 | | | | | | | | | | | |
| 8.5 | 171 | 2.2 | 165 | 14400 | | | | | | | | | | | |
| 9.8 | 149 | 2.2 | 143 | 14400 | | | | | | | | | | | |
| 11.6 | 126 | 2.2 | 121 | 14400 | | | | | | | | | | | |
| 13.5 | 108 | 2.2 | 104 | 14400 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|----|----|----|---------|-----|---|----------------------|----|----|----|----|---------|----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 0.18 | 614/08 | 3.8 | 380 | 2.2 | 731 | 14400 | 63M2A | 50 | 50 | 49 | 49 | 43 | 43 | 274-275 | | | | | | | | |
| | | 4.3 | 337 | 2.2 | 649 | 14400 | | | | | | | | | | | | | | | | |
| | | 4.7 | 309 | 2.2 | 595 | 14400 | | | | | | | | | | | | | | | | |
| | | 5.0 | 290 | 2.2 | 559 | 14400 | | | | | | | | | | | | | | | | |
| | | 5.3 | 273 | 2.2 | 525 | 14400 | | | | | | | | | | | | | | | | |
| | | 5.9 | 246 | 2.2 | 473 | 14400 | | | | | | | | | | | | | | | | |
| | | 6.6 | 221 | 2.2 | 425 | 14400 | | | | | | | | | | | | | | | | |
| | | 7.4 | 196 | 2.2 | 377 | 14400 | | | | | | | | | | | | | | | | |
| | | 7.8 | 186 | 2.2 | 357 | 14400 | | | | | | | | | | | | | | | | |
| | | 8.8 | 166 | 2.2 | 319 | 14400 | | | | | | | | | | | | | | | | |
| | | 10.3 | 142 | 2.2 | 273 | 14400 | | | | | | | | | | | | | | | | |
| | | 12.1 | 120 | 2.2 | 231 | 14400 | | | | | | | | | | | | | | | | |
| | | 14.4 | 101 | 2.2 | 195 | 14400 | | | | | | | | | | | | | | | | |
| | | 17.0 | 86 | 2.2 | 165 | 14400 | | | | | | | | | | | | | | | | |
| | | 19.6 | 74 | 2.2 | 143 | 14400 | | | | | | | | | | | | | | | | |
| 23.1 | 63 | 2.2 | 121 | 14400 | | | | | | | | | | | | | | | | | | |
| 26.9 | 54 | 2.2 | 104 | 14400 | | | | | | | | | | | | | | | | | | |
| | 613/10 | 1.6 | 904 | 0.8 | 559 | 12900 | 71M6B / 71M6A | 59 | 57 | 59 | 56 | 52 | 50 | 270-271 | | | | | | | | |
| | | 1.7 | 849 | 0.9 | 525 | 12900 | | | | | | | | | | | | | | | | |
| | | 1.9 | 765 | 1.0 | 473 | 12900 | | | | | | | | | | | | | | | | |
| | | 2.1 | 687 | 1.1 | 425 | 12900 | | | | | | | | | | | | | | | | |
| | | 2.4 | 609 | 1.2 | 377 | 12900 | | | | | | | | | | | | | | | | |
| | | 2.5 | 577 | 1.3 | 357 | 12900 | | | | | | | | | | | | | | | | |
| | | 2.8 | 516 | 1.5 | 319 | 12900 | | | | | | | | | | | | | | | | |
| | | 3.3 | 441 | 1.7 | 273 | 12900 | | | | | | | | | | | | | | | | |
| | | 3.9 | 373 | 2.0 | 231 | 12900 | | | | | | | | | | | | | | | | |
| | | 4.6 | 315 | 2.4 | 195 | 12900 | | | | | | | | | | | | | | | | |
| | | 5.5 | 267 | 2.8 | 165 | 12900 | | | | | | | | | | | | | | | | |
| | | 1.9 | 760 | 1.0 | 731 | 12900 | | | | | | | | | 63M4B | 56 | 54 | 56 | 53 | 49 | 47 | 270-271 |
| | | 2.2 | 674 | 1.1 | 649 | 12900 | | | | | | | | | | | | | | | | |
| | | 2.4 | 618 | 1.2 | 595 | 12900 | | | | | | | | | | | | | | | | |
| | | 2.5 | 581 | 1.3 | 559 | 12900 | | | | | | | | | | | | | | | | |
| 2.7 | 546 | 1.4 | 525 | 12900 | | | | | | | | | | | | | | | | | | |
| 3.0 | 492 | 1.5 | 473 | 12900 | | | | | | | | | | | | | | | | | | |
| 3.3 | 442 | 1.7 | 425 | 12900 | | | | | | | | | | | | | | | | | | |
| 3.7 | 392 | 1.9 | 377 | 12900 | | | | | | | | | | | | | | | | | | |
| 3.9 | 371 | 2.0 | 357 | 12900 | | | | | | | | | | | | | | | | | | |
| 4.4 | 332 | 2.3 | 319 | 12900 | | | | | | | | | | | | | | | | | | |
| 5.1 | 284 | 2.6 | 273 | 12900 | | | | | | | | | | | | | | | | | | |
| 3.8 | 380 | 2.0 | 731 | 12900 | 63M2A | 56 | 54 | 56 | 53 | 49 | 47 | 270-271 | | | | | | | | | | |
| 4.3 | 337 | 2.2 | 649 | 12900 | | | | | | | | | | | | | | | | | | |
| 4.7 | 309 | 2.4 | 595 | 12900 | | | | | | | | | | | | | | | | | | |
| 5.0 | 290 | 2.6 | 559 | 12900 | | | | | | | | | | | | | | | | | | |
| 5.3 | 273 | 2.7 | 525 | 12900 | | | | | | | | | | | | | | | | | | |
| | 613/09 | 1.6 | 904 | 0.8 | | | | | | | | | 559 | 12900 | 71M6B / 71M6A | 58 | 57 | 58 | 56 | 51 | 50 | 266-267 |
| | | 1.7 | 849 | 0.9 | | | | | | | | | 525 | 12900 | | | | | | | | |
| | | 1.9 | 765 | 1.0 | | | | | | | | | 473 | 12900 | | | | | | | | |
| | | 2.1 | 687 | 1.1 | | | | | | | | | 425 | 12900 | | | | | | | | |
| | | 2.4 | 609 | 1.2 | | | | | | | | | 377 | 12900 | | | | | | | | |
| | | 2.5 | 577 | 1.3 | | | | | | | | | 357 | 12900 | | | | | | | | |
| | | 2.8 | 516 | 1.5 | | | | | | | | | 319 | 12900 | | | | | | | | |
| | | 3.3 | 441 | 1.7 | | | | | | | | | 273 | 12900 | | | | | | | | |
| | | 3.9 | 373 | 2.0 | | | | | | | | | 231 | 12900 | | | | | | | | |
| | | 4.6 | 315 | 2.4 | | | | | | | | | 195 | 12900 | | | | | | | | |
| | | 5.5 | 267 | 2.8 | 165 | 12900 | | | | | | | | | | | | | | | | |
| | | 1.9 | 760 | 1.0 | 731 | 12900 | 63M4B | 55 | 54 | 55 | 53 | 48 | 47 | 266-267 | | | | | | | | |
| | | 2.2 | 674 | 1.1 | 649 | 12900 | | | | | | | | | | | | | | | | |
| | | 2.4 | 618 | 1.2 | 595 | 12900 | | | | | | | | | | | | | | | | |
| | | 2.5 | 581 | 1.3 | 559 | 12900 | | | | | | | | | | | | | | | | |
| 2.7 | 546 | 1.4 | 525 | 12900 | | | | | | | | | | | | | | | | | | |
| 3.0 | 492 | 1.5 | 473 | 12900 | | | | | | | | | | | | | | | | | | |
| 3.3 | 442 | 1.7 | 425 | 12900 | | | | | | | | | | | | | | | | | | |
| 3.7 | 392 | 1.9 | 377 | 12900 | | | | | | | | | | | | | | | | | | |
| 3.9 | 371 | 2.0 | 357 | 12900 | | | | | | | | | | | | | | | | | | |
| 4.4 | 332 | 2.3 | 319 | 12900 | | | | | | | | | | | | | | | | | | |
| 5.1 | 284 | 2.6 | 273 | 12900 | | | | | | | | | | | | | | | | | | |
| 3.8 | 380 | 2.0 | 731 | 12900 | 63M2A | 55 | | | | | | | | | 54 | 55 | 53 | 48 | 47 | 266-267 | | |
| 4.3 | 337 | 2.2 | 649 | 12900 | | | | | | | | | | | | | | | | | | |
| 4.7 | 309 | 2.4 | 595 | 12900 | | | | | | | | | | | | | | | | | | |
| 5.0 | 290 | 2.6 | 559 | 12900 | | | | | | | | | | | | | | | | | | |
| 5.3 | 273 | 2.7 | 525 | 12900 | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | | | | | | | |
|------------------------|---------------|--|------------------------|----------------|------------------|-------------------------|----------------------|------|----|----|----|----|---------|---------|--------------|--------------|----|----|----|----|----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | |
| 0.18 | 613/08 | 1.6 | 904 | 0.8 | 559 | 12900 | 71M6B / 71M6A | 54 | 53 | 53 | 52 | 47 | 46 | 262-263 | | | | | | | | | |
| | | 1.7 | 849 | 0.9 | 525 | 12900 | | | | | | | | | | | | | | | | | |
| | | 1.9 | 765 | 1.0 | 473 | 12900 | | | | | | | | | | | | | | | | | |
| | | 2.1 | 687 | 1.1 | 425 | 12900 | | | | | | | | | | | | | | | | | |
| | | 2.4 | 609 | 1.2 | 377 | 12900 | | | | | | | | | | | | | | | | | |
| | | 2.5 | 577 | 1.3 | 357 | 12900 | | | | | | | | | | | | | | | | | |
| | | 2.8 | 516 | 1.5 | 319 | 12900 | | | | | | | | | | | | | | | | | |
| | | 3.3 | 441 | 1.7 | 273 | 12900 | | | | | | | | | | | | | | | | | |
| | | 3.9 | 373 | 2.0 | 231 | 12900 | | | | | | | | | | | | | | | | | |
| | | 4.6 | 315 | 2.1 | 195 | 12900 | | | | | | | | | | | | | | | | | |
| | | 5.5 | 267 | 2.1 | 165 | 12900 | | | | | | | | | | | | | | | | | |
| | | 6.3 | 231 | 2.1 | 143 | 12900 | | | | | | | | | | | | | | | | | |
| | | 7.4 | 196 | 2.1 | 121 | 12900 | | | | | | | | | | | | | | | | | |
| | | 8.7 | 168 | 2.1 | 104 | 12900 | | | | | | | | | | | | | | | | | |
| | | 1.9 | 760 | 1.0 | 731 | 12900 | | | | | | | | | 63M4B | 51 | 50 | 50 | 49 | 44 | 43 | 262-263 | |
| | | 2.2 | 674 | 1.1 | 649 | 12900 | | | | | | | | | | | | | | | | | |
| | | 2.4 | 618 | 1.2 | 595 | 12900 | | | | | | | | | | | | | | | | | |
| | | 2.5 | 581 | 1.3 | 559 | 12900 | | | | | | | | | | | | | | | | | |
| | | 2.7 | 546 | 1.4 | 525 | 12900 | | | | | | | | | | | | | | | | | |
| | | 3.0 | 492 | 1.5 | 473 | 12900 | | | | | | | | | | | | | | | | | |
| | | 3.3 | 442 | 1.7 | 425 | 12900 | | | | | | | | | | | | | | | | | |
| | | 3.7 | 392 | 1.9 | 377 | 12900 | | | | | | | | | | | | | | | | | |
| | | 3.9 | 371 | 2.0 | 357 | 12900 | | | | | | | | | | | | | | | | | |
| | | 4.4 | 332 | 2.2 | 319 | 12900 | | | | | | | | | | | | | | | | | |
| | | 5.1 | 284 | 2.2 | 273 | 12900 | | | | | | | | | | | | | | | | | |
| | | 6.1 | 240 | 2.2 | 231 | 12900 | | | | | | | | | | | | | | | | | |
| | | 7.2 | 203 | 2.2 | 195 | 12900 | | | | | | | | | | | | | | | | | |
| | | 8.5 | 171 | 2.2 | 165 | 12900 | | | | | | | | | | | | | | | | | |
| | 9.8 | 149 | 2.2 | 143 | 12900 | | | | | | | | | | | | | | | | | | |
| | 11.6 | 126 | 2.2 | 121 | 12900 | | | | | | | | | | | | | | | | | | |
| | 13.5 | 108 | 2.2 | 104 | 12900 | | | | | | | | | | | | | | | | | | |
| | 3.8 | 380 | 2.0 | 731 | 12900 | 63M2A | 51 | 50 | 50 | 49 | 44 | 43 | 262-263 | | | | | | | | | | |
| | 4.3 | 337 | 2.2 | 649 | 12900 | | | | | | | | | | | | | | | | | | |
| | 4.7 | 309 | 2.2 | 595 | 12900 | | | | | | | | | | | | | | | | | | |
| | 5.0 | 290 | 2.2 | 559 | 12900 | | | | | | | | | | | | | | | | | | |
| | 5.3 | 273 | 2.2 | 525 | 12900 | | | | | | | | | | | | | | | | | | |
| | 5.9 | 246 | 2.2 | 473 | 12900 | | | | | | | | | | | | | | | | | | |
| | 6.6 | 221 | 2.2 | 425 | 12900 | | | | | | | | | | | | | | | | | | |
| | 7.4 | 196 | 2.2 | 377 | 12900 | | | | | | | | | | | | | | | | | | |
| | 7.8 | 186 | 2.2 | 357 | 12900 | | | | | | | | | | | | | | | | | | |
| | 8.8 | 166 | 2.2 | 319 | 12900 | | | | | | | | | | | | | | | | | | |
| | 10.3 | 142 | 2.2 | 273 | 12900 | | | | | | | | | | | | | | | | | | |
| | 12.1 | 120 | 2.2 | 231 | 12900 | | | | | | | | | | | | | | | | | | |
| | 14.4 | 101 | 2.2 | 195 | 12900 | | | | | | | | | | | | | | | | | | |
| | 17.0 | 86 | 2.2 | 165 | 12900 | | | | | | | | | | | | | | | | | | |
| | 19.6 | 74 | 2.2 | 143 | 12900 | | | | | | | | | | | | | | | | | | |
| | 23.1 | 63 | 2.2 | 121 | 12500 | | | | | | | | | | | | | | | | | | |
| | 26.9 | 54 | 2.2 | 104 | 11900 | | | | | | | | | | | | | | | | | | |
| | 611/09 | 2.4 | 609 | 0.8 | 377 | 8460 | 71M6B / 71M6A | 43 | 41 | 42 | 40 | 39 | 37 | 258-259 | | | | | | | | | |
| | | | 2.5 | 577 | 0.9 | 357 | | | | | | | | | 8460 | | | | | | | | |
| | | | 2.8 | 516 | 1.0 | 319 | | | | | | | | | 8460 | | | | | | | | |
| | | | 3.3 | 441 | 1.1 | 273 | | | | | | | | | 8460 | | | | | | | | |
| | | | 3.9 | 373 | 1.3 | 231 | | | | | | | | | 8460 | | | | | | | | |
| | | | 4.6 | 315 | 1.6 | 195 | | | | | | | | | 8460 | | | | | | | | |
| | | | 5.5 | 267 | 1.9 | 165 | | | | | | | | | 8460 | | | | | | | | |
| | | | 6.3 | 231 | 2.2 | 143 | | | | | | | | | 8460 | | | | | | | | |
| | | | 7.4 | 196 | 2.6 | 121 | | | | | | | | | 8460 | | | | | | | | |
| | | | 8.7 | 168 | 3.0 | 104 | | | | | | | | | 8460 | | | | | | | | |
| | | | 2.4 | 618 | 0.8 | 595 | | | | | | | | | 8460 | 63M4B | 40 | 38 | 39 | 37 | 36 | 34 | 258-259 |
| | | | 2.5 | 581 | 0.9 | 559 | | | | | | | | | 8460 | | | | | | | | |
| | | | 2.7 | 546 | 0.9 | 525 | | | | | | | | | 8460 | | | | | | | | |
| | | | 3.0 | 492 | 1.0 | 473 | | | | | | | | | 8460 | | | | | | | | |
| | | 3.3 | 442 | 1.1 | 425 | 8460 | | | | | | | | | | | | | | | | | |
| | | 3.7 | 392 | 1.3 | 377 | 8460 | | | | | | | | | | | | | | | | | |
| | | 3.9 | 371 | 1.3 | 357 | 8460 | | | | | | | | | | | | | | | | | |
| | | 4.4 | 332 | 1.5 | 319 | 8460 | | | | | | | | | | | | | | | | | |
| | | 5.1 | 284 | 1.8 | 273 | 8460 | | | | | | | | | | | | | | | | | |
| | | 6.1 | 240 | 2.1 | 231 | 8460 | | | | | | | | | | | | | | | | | |
| | | 7.2 | 203 | 2.5 | 195 | 8460 | | | | | | | | | | | | | | | | | |
| | | 8.5 | 171 | 2.9 | 165 | 8460 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|----------------------|----|----|----|----|----|---|---------|----|----|----|----|----|----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 0.18 | 611/09 | 3.8 | 380 | 1.3 | 731 | 8460 | 63M2A | 40 | 38 | 39 | 37 | 36 | 34 | 258-259 | | | | | | | | |
| | | 4.3 | 337 | 1.5 | 649 | 8460 | | | | | | | | | | | | | | | | |
| | | 4.7 | 309 | 1.6 | 595 | 8460 | | | | | | | | | | | | | | | | |
| | | 5.0 | 290 | 1.7 | 559 | 8460 | | | | | | | | | | | | | | | | |
| | | 5.3 | 273 | 1.8 | 525 | 8460 | | | | | | | | | | | | | | | | |
| | | 5.9 | 246 | 2.0 | 473 | 8460 | | | | | | | | | | | | | | | | |
| | | 6.6 | 221 | 2.1 | 425 | 8460 | | | | | | | | | | | | | | | | |
| | | 7.4 | 196 | 2.1 | 377 | 8460 | | | | | | | | | | | | | | | | |
| | | 7.8 | 186 | 2.1 | 357 | 8460 | | | | | | | | | | | | | | | | |
| | | 8.8 | 166 | 2.1 | 319 | 8460 | | | | | | | | | | | | | | | | |
| | | 10.3 | 142 | 2.0 | 273 | 8460 | | | | | | | | | | | | | | | | |
| | | 12.1 | 120 | 2.0 | 231 | 8460 | | | | | | | | | | | | | | | | |
| | | 14.4 | 101 | 1.0 | 195 | 8460 | | | | | | | | | | | | | | | | |
| | | 17.0 | 86 | 2.1 | 165 | 8460 | | | | | | | | | | | | | | | | |
| | | 19.6 | 74 | 2.0 | 143 | 8460 | | | | | | | | | | | | | | | | |
| | 23.1 | 63 | 2.0 | 121 | 8460 | | | | | | | | | | | | | | | | | |
| | 26.9 | 54 | 2.1 | 104 | 8460 | | | | | | | | | | | | | | | | | |
| | | 611/08 | 2.4 | 609 | 0.8 | 377 | 8460 | 71M6B / 71M6A | 37 | 37 | 36 | 36 | 33 | 33 | 254-255 | | | | | | | |
| | 2.5 | | 577 | 0.9 | 357 | 8460 | | | | | | | | | | | | | | | | |
| | 2.8 | | 516 | 1.0 | 319 | 8460 | | | | | | | | | | | | | | | | |
| | 3.3 | | 441 | 1.1 | 273 | 8460 | | | | | | | | | | | | | | | | |
| | 3.9 | | 373 | 1.3 | 231 | 8460 | | | | | | | | | | | | | | | | |
| | 4.6 | | 315 | 1.6 | 195 | 8460 | | | | | | | | | | | | | | | | |
| | 5.5 | | 267 | 1.9 | 165 | 8460 | | | | | | | | | | | | | | | | |
| | 6.3 | | 231 | 1.9 | 143 | 8460 | | | | | | | | | | | | | | | | |
| | 7.4 | | 196 | 1.9 | 121 | 8460 | | | | | | | | | | | | | | | | |
| | 8.7 | | 168 | 1.9 | 104 | 8460 | | | | | | | | | | | | | | | | |
| | 2.4 | | 618 | 0.8 | 595 | 8460 | 63M4B | | | | | | | | | 34 | 34 | 33 | 33 | 30 | 30 | 254-255 |
| | 2.5 | | 581 | 0.9 | 559 | 8460 | | | | | | | | | | | | | | | | |
| | 2.7 | | 546 | 0.9 | 525 | 8460 | | | | | | | | | | | | | | | | |
| | 3.0 | | 492 | 1.0 | 473 | 8460 | | | | | | | | | | | | | | | | |
| | 3.3 | | 442 | 1.1 | 425 | 8460 | | | | | | | | | | | | | | | | |
| | 3.7 | 392 | 1.3 | 377 | 8460 | | | | | | | | | | | | | | | | | |
| | 3.9 | 371 | 1.3 | 357 | 8460 | | | | | | | | | | | | | | | | | |
| | 4.4 | 332 | 1.5 | 319 | 8460 | | | | | | | | | | | | | | | | | |
| | 5.1 | 284 | 1.8 | 273 | 8460 | | | | | | | | | | | | | | | | | |
| | 6.1 | 240 | 2.1 | 231 | 8460 | | | | | | | | | | | | | | | | | |
| | 7.2 | 203 | 2.1 | 195 | 8460 | | | | | | | | | | | | | | | | | |
| | 8.5 | 171 | 2.1 | 165 | 8460 | | | | | | | | | | | | | | | | | |
| | 9.8 | 149 | 2.0 | 143 | 8460 | | | | | | | | | | | | | | | | | |
| | 11.6 | 126 | 2.1 | 121 | 8460 | | | | | | | | | | | | | | | | | |
| | 13.5 | 108 | 2.0 | 104 | 8460 | | | | | | | | | | | | | | | | | |
| | | 611/08 | 3.8 | 380 | 1.3 | 731 | 8460 | 63M2A | 34 | 34 | 33 | 33 | 30 | 30 | 254-255 | | | | | | | |
| | 4.3 | | 337 | 1.5 | 649 | 8460 | | | | | | | | | | | | | | | | |
| | 4.7 | | 309 | 1.6 | 595 | 8460 | | | | | | | | | | | | | | | | |
| | 5.0 | | 290 | 1.7 | 559 | 8460 | | | | | | | | | | | | | | | | |
| | 5.3 | | 273 | 1.8 | 525 | 8460 | | | | | | | | | | | | | | | | |
| | 5.9 | | 246 | 2.0 | 473 | 8460 | | | | | | | | | | | | | | | | |
| | 6.6 | | 221 | 2.1 | 425 | 8460 | | | | | | | | | | | | | | | | |
| | 7.4 | | 196 | 2.1 | 377 | 8460 | | | | | | | | | | | | | | | | |
| | 7.8 | | 186 | 2.1 | 357 | 8460 | | | | | | | | | | | | | | | | |
| | 8.8 | | 166 | 2.1 | 319 | 8460 | | | | | | | | | | | | | | | | |
| | 10.3 | | 142 | 2.0 | 273 | 8460 | | | | | | | | | | | | | | | | |
| | 12.1 | | 120 | 2.0 | 231 | 8460 | | | | | | | | | | | | | | | | |
| | 14.4 | | 101 | 1.0 | 195 | 8460 | | | | | | | | | | | | | | | | |
| | 17.0 | | 86 | 2.1 | 165 | 8460 | | | | | | | | | | | | | | | | |
| | 19.6 | | 74 | 2.0 | 143 | 8460 | | | | | | | | | | | | | | | | |
| | 23.1 | 63 | 2.0 | 121 | 8460 | | | | | | | | | | | | | | | | | |
| | 26.9 | 54 | 2.1 | 104 | 8460 | | | | | | | | | | | | | | | | | |
| | | 610/08 | 5.5 | 267 | 0.9 | 165 | 5290 | 71M6B / 71M6A | 27 | 26 | 25 | 24 | 24 | 23 | 250-251 | | | | | | | |
| | 6.3 | | 231 | 0.9 | 143 | 5290 | | | | | | | | | | | | | | | | |
| | 7.4 | | 196 | 1.0 | 121 | 5290 | | | | | | | | | | | | | | | | |
| | 8.7 | | 168 | 1.2 | 104 | 5290 | | | | | | | | | | | | | | | | |
| | 5.1 | | 284 | 0.9 | 273 | 5290 | 63M4B | 24 | 23 | 22 | 21 | 21 | 20 | 250-251 | | | | | | | | |
| | 6.1 | | 240 | 1.0 | 231 | 5290 | | | | | | | | | | | | | | | | |
| | 7.2 | | 203 | 1.2 | 195 | 5290 | | | | | | | | | | | | | | | | |
| | 8.5 | | 171 | 1.5 | 165 | 5290 | | | | | | | | | | | | | | | | |
| | 9.8 | | 149 | 1.4 | 143 | 5290 | | | | | | | | | | | | | | | | |
| | 11.6 | | 126 | 1.6 | 121 | 5290 | | | | | | | | | | | | | | | | |
| | 13.5 | 108 | 1.9 | 104 | 5290 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|---------------|---------------|-------|-------|----|----|----|---------|---------|---------|---------------|-------|---------------|----|----|----|----|---------|---------|---------|------|-------|----|----|----|----|----|----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | | | | | | | | | | | | | |
| 0.18 | 610/08 | 4.7 | 309 | 0.8 | 595 | 5290 | 63M2A | 24 | 23 | 22 | 21 | 21 | 20 | 250-251 | | | | | | | | | | | | | | | | | | | | | |
| | | 5.0 | 290 | 0.9 | 559 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 5.3 | 273 | 0.9 | 525 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 5.9 | 246 | 1.0 | 473 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 6.6 | 221 | 1.1 | 425 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 196 | 1.3 | 377 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 7.8 | 186 | 1.3 | 357 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 8.8 | 166 | 1.5 | 319 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 10.3 | 142 | 1.8 | 273 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 12.1 | 120 | 2.0 | 231 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 610 | 610 | 7.6 | 209 | 1.1 | 119 | 5290 | 71M6B / 71M6A | 26 | 24 | 24 | 22 | 23 | 21 | 176-177 | | | | | | | | | | | | | | | | | | | | |
| | | | 10.3 | 153 | 1.8 | 87 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 12.7 | 125 | 2.1 | 71 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 15.3 | 104 | 2.5 | 59 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 17.6 | 90 | 2.8 | 51 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 610 | 610 | 11.8 | 134 | 1.4 | 119 | 5290 | 63M4B | 23 | 21 | 21 | 19 | 20 | 18 | 176-177 | | | | | | | | | | | | | | | | | | | |
| | | | | 16.1 | 98 | 2.7 | 87 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 19.7 | 80 | 2.7 | 71 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 609/08 | 609/08 | 23.5 | 67 | 1.4 | | | | | | | | | 119 | 5290 | 63M2A | 23 | 21 | 21 | 19 | 20 | 18 | 176-177 | | | | | | | | | |
| | | | | | | 32.2 | 49 | 2.7 | | | | | | | | | 87 | 5290 | | | | | | | | | | | | | | | | | |
| | 39.4 | 40 | 2.7 | | | 71 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 609 | 609/08 | 11.6 | | | 126 | 0.8 | 121 | 3270 | 63M4B | 22 | 20 | 20 | 18 | 19 | 17 | 246-247 | | | | | | | | | | | | | | | | | | |
| | | | 13.5 | | | 108 | 1.0 | 104 | 3270 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 609 | 609 | 12.1 | 120 | 0.9 | 231 | 3270 | | | | | | | | | 63M2A | 22 | 20 | 20 | 18 | 19 | 17 | 246-247 | | | | | | | | | | |
| | | | | | 14.4 | 101 | 1.1 | 195 | 3270 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 17.0 | 86 | 1.1 | 165 | 3270 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 19.6 | | | 74 | 1.2 | 143 | 3270 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 23.1 | | | 63 | 1.3 | 121 | 3270 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 609 | 609 | 26.9 | 54 | 1.5 | 104 | 3270 | 63M2A | 22 | 20 | 20 | 18 | 19 | 17 | 246-247 | | | | | | | | | | | | | | | | | | | |
| | | | | 609 | 609 | 10.3 | 153 | 0.9 | | | | | | | | | 87 | 3280 | 71M6B / 71M6A | 25 | 22 | 23 | 20 | 22 | 19 | 172-173 | | | | | | | | | |
| | | | | | | 12.7 | 125 | 1.1 | | | | | | | | | 71 | 3280 | | | | | | | | | | | | | | | | | |
| | 15.3 | | | | | 104 | 1.3 | 59 | | | | | | | | | 3280 | | | | | | | | | | | | | | | | | | |
| | 17.6 | | | | | 90 | 1.5 | 51 | | | | | | | | | 3280 | | | | | | | | | | | | | | | | | | |
| | 20.9 | | | | | 76 | 1.8 | 43 | | | | | | | | | 3280 | | | | | | | | | | | | | | | | | | |
| | 609 | | | 609 | 25.7 | 62 | 2.2 | 35 | | | | | | | | | 3280 | 63M4B | 22 | 19 | 20 | 17 | 19 | 16 | 172-173 | | | | | | | | | | |
| | | | | | 31.0 | 51 | 2.7 | 29 | | | | | | | | | 3280 | | | | | | | | | | | | | | | | | | |
| | | | | | 608 | 608 | 16.1 | 98 | | | | | | | | | 1.4 | | | | | | | | | 87 | 3280 | 63M2A | 22 | 19 | 20 | 17 | 19 | 16 | 172-173 |
| | | | | | | | 19.7 | 80 | | | | | | | | | 1.4 | | | | | | | | | 71 | 3280 | | | | | | | | |
| | | 23.7 | 67 | | | | 1.8 | 59 | 3280 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 27.5 | 58 | 2.0 | 51 | | | 3280 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 32.6 | 49 | 2.7 | 43 | | | 3280 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 608 | 608 | 32.2 | 49 | 1.4 | 87 | 3280 | 63M2A | 22 | 19 | 20 | 17 | 19 | 16 | 172-173 | | | | | | | | | | | | | | | | | | | | |
| 39.4 | | | 40 | 1.4 | 71 | 3280 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 47.5 | | | 33 | 1.8 | 59 | 3280 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 54.9 | | | 29 | 2.0 | 51 | 3280 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 65.1 | | | 24 | 2.7 | 43 | 3280 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 608 | | | 608 | 25.7 | 62 | 0.9 | 35 | | | | | | | | | 1740 | 71M6B / 71M6A | 15 | 14 | 17 | 16 | 15 | 14 | 168-169 | | | | | | | | | | | |
| | | | | 31.0 | 51 | 1.1 | 29 | | | | | | | | | 1740 | | | | | | | | | | | | | | | | | | | |
| | | | | 36.0 | 44 | 1.1 | 25 | | | | | | | | | 1740 | | | | | | | | | | | | | | | | | | | |
| | | | | 42.9 | 37 | 1.4 | 21 | | | | | | | | | 1740 | | | | | | | | | | | | | | | | | | | |
| | | | | 52.9 | 30 | 1.8 | 17 | | | | | | | | | 1740 | | | | | | | | | | | | | | | | | | | |
| | 608 | 608 | | 60.0 | 26 | 2.1 | 15 | 1740 | 63M4B | 11 | 11 | 13 | 13 | 12 | 11 | 168-169 | | | | | | | | | | | | | | | | | | | |
| | | | | 69.2 | 23 | 2.1 | 13 | 1740 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 81.8 | 19 | 2.1 | 11 | 1740 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 112.5 | 14 | 2.1 | 8 | 1700 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 150.0 | 11 | 2.1 | 6 | 1540 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 608 | | | 608 | 32.6 | 49 | 1.1 | 43 | 1740 | | | | | | | | | 63M4B | 11 | 11 | 13 | 13 | 12 | 11 | 168-169 | | | | | | | | | | | |
| | | | | 40.0 | 40 | 1.4 | 35 | 1740 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 48.3 | 33 | 1.4 | 29 | 1740 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 56.0 | 28 | 1.4 | 25 | 1740 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 66.7 | 24 | 2.2 | 21 | 1740 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 608 | 608 | | 82.4 | 19 | 2.2 | 17 | 1740 | 63M4B | 11 | 11 | 13 | 13 | 12 | 11 | 168-169 | | | | | | | | | | | | | | | | | | | |
| | | | | 93.3 | 17 | 2.2 | 15 | 1740 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 107.7 | 15 | 2.2 | 13 | 1740 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 127.3 | 12 | 2.2 | 11 | 1650 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 175.0 | 9 | 2.2 | 8 | 1480 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 608 | | | 608 | 233.3 | 7 | 2.2 | 6 | 1340 | | | | | | | | | 63M4B | 11 | 11 | 13 | 13 | 12 | 11 | 168-169 | | | | | | | | | | | |










| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|----------------------|-----|-----|-----|-----|-----|---|----------------------|-----|-----|-----|-----|-----|-----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 0.18 | 608 | 65.1 | 24 | 1.1 | 43 | 1740 | 63M2A | 11 | 11 | 13 | 13 | 12 | 11 | 168-169 | | | | | | | | |
| | | 80.0 | 20 | 1.4 | 35 | 1740 | | | | | | | | | | | | | | | | |
| | | 96.6 | 16 | 1.4 | 29 | 1740 | | | | | | | | | | | | | | | | |
| | | 112.0 | 14 | 1.4 | 25 | 1720 | | | | | | | | | | | | | | | | |
| | | 133.3 | 12 | 2.2 | 21 | 1630 | | | | | | | | | | | | | | | | |
| | | 164.7 | 10 | 2.2 | 17 | 1510 | | | | | | | | | | | | | | | | |
| | | 186.7 | 8 | 2.2 | 15 | 1450 | | | | | | | | | | | | | | | | |
| | | 215.4 | 7 | 2.2 | 13 | 1380 | | | | | | | | | | | | | | | | |
| | 254.5 | 6 | 2.2 | 11 | 1300 | | | | | | | | | | | | | | | | | |
| | 350.0 | 5 | 2.2 | 8 | 1180 | | | | | | | | | | | | | | | | | |
| | 466.7 | 3 | 2.2 | 6 | 1070 | | | | | | | | | | | | | | | | | |
| | 0.18 | 607 | 52.9 | 30 | 0.9 | 17 | 1160 | 71M6B / 71M6A | 15 | 14 | 16 | 15 | 15 | 14 | 164-165 | | | | | | | |
| 60.0 | | | 26 | 1.1 | 15 | 1160 | | | | | | | | | | | | | | | | |
| 69.2 | | | 23 | 1.1 | 13 | 1160 | | | | | | | | | | | | | | | | |
| 81.8 | | | 19 | 1.1 | 11 | 1110 | | | | | | | | | | | | | | | | |
| 607 | | 56.0 | 28 | 0.8 | 25 | 1160 | 63M4B | 11 | 11 | 12 | 12 | 12 | 11 | 164-165 | | | | | | | | |
| | | 66.7 | 24 | 1.2 | 21 | 1160 | | | | | | | | | | | | | | | | |
| | | 82.4 | 19 | 1.4 | 17 | 1120 | | | | | | | | | | | | | | | | |
| | | 93.3 | 17 | 1.4 | 15 | 1080 | | | | | | | | | | | | | | | | |
| | | 107.7 | 15 | 1.4 | 13 | 1030 | | | | | | | | | | | | | | | | |
| | | 127.3 | 12 | 1.4 | 11 | 970 | | | | | | | | | | | | | | | | |
| | | 112.0 | 14 | 0.8 | 25 | 1010 | | | | | | | | | 63M2A | 11 | 11 | 12 | 12 | 12 | 11 | 164-165 |
| | | 133.3 | 12 | 1.2 | 21 | 960 | | | | | | | | | | | | | | | | |
| 164.7 | 10 | 1.4 | 17 | 890 | | | | | | | | | | | | | | | | | | |
| 186.7 | 8 | 1.4 | 15 | 860 | | | | | | | | | | | | | | | | | | |
| 215.4 | 7 | 1.4 | 13 | 820 | | | | | | | | | | | | | | | | | | |
| 254.5 | 6 | 1.4 | 11 | 770 | | | | | | | | | | | | | | | | | | |
| 0.25 | 618/10 | 1.2 | 1641 | 2.4 | 731 | 36600 | 71M6C / 71M6D | 179 | 186 | 166 | 173 | 146 | 153 | 310-311 | | | | | | | | |
| | | 1.4 | 1457 | 2.7 | 649 | 36600 | | | | | | | | | | | | | | | | |
| | | 1.5 | 1336 | 3.0 | 595 | 36600 | | | | | | | | | | | | | | | | |
| | 617/11 | 1.2 | 1641 | 1.6 | 731 | 27000 | 71M6C / 71M6D | 146 | 138 | 146 | 138 | 117 | 109 | 306-307 | | | | | | | | |
| | | 1.4 | 1457 | 1.8 | 649 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.5 | 1336 | 2.0 | 595 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.6 | 1255 | 2.1 | 559 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.7 | 1179 | 2.3 | 525 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 1062 | 2.5 | 473 | 27000 | | | | | | | | | | | | | | | | |
| | | 2.1 | 954 | 2.8 | 425 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 1055 | 2.5 | 731 | 27000 | | | | | | | | | 71M4A / 71M4B | 146 | 138 | 146 | 138 | 117 | 109 | 306-307 |
| | | 2.2 | 937 | 2.9 | 649 | 27000 | | | | | | | | | | | | | | | | |
| | 617/10 | 1.2 | 1641 | 1.6 | 731 | 27000 | 71M6C / 71M6D | 135 | 131 | 135 | 131 | 106 | 102 | 302-303 | | | | | | | | |
| | | 1.4 | 1457 | 1.8 | 649 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.5 | 1336 | 2.0 | 595 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.6 | 1255 | 2.1 | 559 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.7 | 1179 | 2.3 | 525 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 1062 | 2.5 | 473 | 27000 | | | | | | | | | | | | | | | | |
| | | 2.1 | 954 | 2.8 | 425 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 1055 | 2.5 | 731 | 27000 | | | | | | | | | 71M4A / 71M4B | 135 | 131 | 135 | 131 | 106 | 102 | 302-303 |
| | | 2.2 | 937 | 2.9 | 649 | 27000 | | | | | | | | | | | | | | | | |
| | 617/09 | 1.2 | 1641 | 1.6 | 731 | 27000 | 71M6C / 71M6D | 133 | 131 | 133 | 131 | 104 | 102 | 298-299 | | | | | | | | |
| | | 1.4 | 1457 | 1.8 | 649 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.5 | 1336 | 2.0 | 595 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.6 | 1255 | 2.1 | 559 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.7 | 1179 | 2.3 | 525 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 1062 | 2.5 | 473 | 27000 | | | | | | | | | | | | | | | | |
| | | 2.1 | 954 | 2.8 | 425 | 27000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 1055 | 2.5 | 731 | 27000 | | | | | | | | | 71M4A / 71M4B | 133 | 131 | 133 | 131 | 104 | 102 | 298-299 |
| | | 2.2 | 937 | 2.9 | 649 | 27000 | | | | | | | | | | | | | | | | |
| | 616/11 | 1.2 | 1641 | 1.1 | 731 | 19200 | 71M6C / 71M6D | 111 | 104 | 106 | 99 | 93 | 86 | 294-295 | | | | | | | | |
| | | 1.4 | 1457 | 1.2 | 649 | 19200 | | | | | | | | | | | | | | | | |
| | | 1.5 | 1336 | 1.3 | 595 | 19200 | | | | | | | | | | | | | | | | |
| | | 1.6 | 1255 | 1.4 | 559 | 19200 | | | | | | | | | | | | | | | | |
| | | 1.7 | 1179 | 1.5 | 525 | 19200 | | | | | | | | | | | | | | | | |
| | | 1.9 | 1062 | 1.7 | 473 | 19200 | | | | | | | | | | | | | | | | |
| 2.1 | | 954 | 1.9 | 425 | 19200 | | | | | | | | | | | | | | | | | |
| 2.4 | | 846 | 2.1 | 377 | 19200 | | | | | | | | | | | | | | | | | |
| 2.5 | | 802 | 2.2 | 357 | 19200 | | | | | | | | | | | | | | | | | |
| 2.8 | | 716 | 2.5 | 319 | 19200 | | | | | | | | | | | | | | | | | |
| 3.3 | | 613 | 2.9 | 273 | 19200 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | | | | | | | | | |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|---------------|---------------|---------------|-----|----|----|----|---------|---------|---------|---------------|---------------|----|----|----|----|----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | | | |
| 0.25 | 616/11 | 1.9 | 1055 | 1.7 | 731 | 19200 | 71M4A / 71M4B | 111 | 104 | 106 | 99 | 93 | 86 | 294-295 | | | | | | | | | | | |
| | | 2.2 | 937 | 1.9 | 649 | 19200 | | | | | | | | | | | | | | | | | | | |
| | | 2.4 | 859 | 2.1 | 595 | 19200 | | | | | | | | | | | | | | | | | | | |
| | | 2.5 | 807 | 2.2 | 559 | 19200 | | | | | | | | | | | | | | | | | | | |
| | | 2.7 | 758 | 2.3 | 525 | 19200 | | | | | | | | | | | | | | | | | | | |
| | | 3.0 | 683 | 2.6 | 473 | 19200 | | | | | | | | | | | | | | | | | | | |
| | 3.3 | 613 | 2.9 | 425 | 19200 | | | | | | | | | | | | | | | | | | | | |
| | 616/10 | 616/10 | 1.2 | 1641 | 1.1 | 731 | 19200 | 71M6C / 71M6D | 101 | 98 | 96 | 93 | 83 | 80 | 290-291 | | | | | | | | | | |
| | | | 1.4 | 1457 | 1.2 | 649 | 19200 | | | | | | | | | | | | | | | | | | |
| | | | 1.5 | 1336 | 1.3 | 595 | 19200 | | | | | | | | | | | | | | | | | | |
| | | | 1.6 | 1255 | 1.4 | 559 | 19200 | | | | | | | | | | | | | | | | | | |
| | | | 1.7 | 1179 | 1.5 | 525 | 19200 | | | | | | | | | | | | | | | | | | |
| | | | 1.9 | 1062 | 1.7 | 473 | 19200 | | | | | | | | | | | | | | | | | | |
| | | | 2.1 | 954 | 1.9 | 425 | 19200 | | | | | | | | | | | | | | | | | | |
| | | | 2.4 | 846 | 2.1 | 377 | 19200 | | | | | | | | | | | | | | | | | | |
| | | | 2.5 | 802 | 2.2 | 357 | 19200 | | | | | | | | | | | | | | | | | | |
| | | 2.8 | 716 | 2.5 | 319 | 19200 | | | | | | | | | | | | | | | | | | | |
| | | 3.3 | 613 | 2.9 | 273 | 19200 | | | | | | | | | | | | | | | | | | | |
| | | 616/09 | 616/09 | 1.9 | 1055 | 1.7 | 731 | 19200 | 71M4A / 71M4B | 101 | 98 | 96 | 93 | 83 | 80 | 290-291 | | | | | | | | | |
| | | | | 2.2 | 937 | 1.9 | 649 | 19200 | | | | | | | | | | | | | | | | | |
| | | | | 2.4 | 859 | 2.1 | 595 | 19200 | | | | | | | | | | | | | | | | | |
| | | | | 2.5 | 807 | 2.2 | 559 | 19200 | | | | | | | | | | | | | | | | | |
| | | | | 2.7 | 758 | 2.3 | 525 | 19200 | | | | | | | | | | | | | | | | | |
| | | | | 3.0 | 683 | 2.6 | 473 | 19200 | | | | | | | | | | | | | | | | | |
| | | | | 3.3 | 613 | 2.9 | 425 | 19200 | | | | | | | | | | | | | | | | | |
| | 614/10 | | | 616/09 | 1.2 | 1641 | 1.1 | 731 | | | | | | | | | 19200 | 71M6C / 71M6D | 99 | 98 | 94 | 93 | 81 | 80 | 286-287 |
| | | | | | 1.4 | 1457 | 1.2 | 649 | | | | | | | | | 19200 | | | | | | | | |
| | | 1.5 | 1336 | | 1.3 | 595 | 19200 | | | | | | | | | | | | | | | | | | |
| | | 1.6 | 1255 | | 1.4 | 559 | 19200 | | | | | | | | | | | | | | | | | | |
| | | 1.7 | 1179 | | 1.5 | 525 | 19200 | | | | | | | | | | | | | | | | | | |
| | | 1.9 | 1062 | | 1.7 | 473 | 19200 | | | | | | | | | | | | | | | | | | |
| | | 2.1 | 954 | | 1.9 | 425 | 19200 | | | | | | | | | | | | | | | | | | |
| | | 2.4 | 846 | | 2.1 | 377 | 19200 | | | | | | | | | | | | | | | | | | |
| | | 2.5 | 802 | | 2.2 | 357 | 19200 | | | | | | | | | | | | | | | | | | |
| | | 2.8 | 716 | 2.5 | 319 | 19200 | | | | | | | | | | | | | | | | | | | |
| | | 3.3 | 613 | 2.9 | 273 | 19200 | | | | | | | | | | | | | | | | | | | |
| 614/10 | | 614/10 | 1.9 | 1055 | 1.7 | 731 | 19200 | 71M4A / 71M4B | 99 | 98 | 94 | 93 | 81 | 80 | 286-287 | | | | | | | | | | |
| | | | 2.2 | 937 | 1.9 | 649 | 19200 | | | | | | | | | | | | | | | | | | |
| | | | 2.4 | 859 | 2.1 | 595 | 19200 | | | | | | | | | | | | | | | | | | |
| | | | 2.5 | 807 | 2.2 | 559 | 19200 | | | | | | | | | | | | | | | | | | |
| | | | 2.7 | 758 | 2.3 | 525 | 19200 | | | | | | | | | | | | | | | | | | |
| | | | 3.0 | 683 | 2.6 | 473 | 19200 | | | | | | | | | | | | | | | | | | |
| | | | 3.3 | 613 | 2.9 | 425 | 19200 | | | | | | | | | | | | | | | | | | |
| | 614/10 | | 614/10 | 1.6 | 1255 | 0.8 | 559 | | | | | | | | | 14400 | 71M6C / 71M6D | 59 | 57 | 59 | 56 | 52 | 50 | 282-283 | |
| | | | | 1.7 | 1179 | 0.9 | 525 | | | | | | | | | 14400 | | | | | | | | | |
| 1.9 | | 1062 | | 1.0 | 473 | 14400 | | | | | | | | | | | | | | | | | | | |
| 2.1 | | 954 | | 1.1 | 425 | 14400 | | | | | | | | | | | | | | | | | | | |
| 2.4 | | 846 | | 1.2 | 377 | 14400 | | | | | | | | | | | | | | | | | | | |
| 2.5 | | 802 | | 1.3 | 357 | 14400 | | | | | | | | | | | | | | | | | | | |
| 2.8 | | 716 | | 1.4 | 319 | 14400 | | | | | | | | | | | | | | | | | | | |
| 3.3 | | 613 | | 1.6 | 273 | 14400 | | | | | | | | | | | | | | | | | | | |
| 3.9 | | 519 | | 1.9 | 231 | 14400 | | | | | | | | | | | | | | | | | | | |
| 4.6 | | 438 | 2.3 | 195 | 14400 | | | | | | | | | | | | | | | | | | | | |
| 5.5 | | 370 | 2.7 | 165 | 14400 | | | | | | | | | | | | | | | | | | | | |
| 614/10 | | 614/10 | 1.9 | 1055 | 1.0 | 731 | 14400 | 71M4A / 71M4B | 59 | 57 | 59 | 56 | 52 | 50 | 282-283 | | | | | | | | | | |
| | | | 2.2 | 937 | 1.1 | 649 | 14400 | | | | | | | | | | | | | | | | | | |
| | | | 2.4 | 859 | 1.2 | 595 | 14400 | | | | | | | | | | | | | | | | | | |
| | | | 2.5 | 807 | 1.3 | 559 | 14400 | | | | | | | | | | | | | | | | | | |
| | | | 2.7 | 758 | 1.3 | 525 | 14400 | | | | | | | | | | | | | | | | | | |
| | | | 3.0 | 683 | 1.5 | 473 | 14400 | | | | | | | | | | | | | | | | | | |
| | | | 3.3 | 613 | 1.6 | 425 | 14400 | | | | | | | | | | | | | | | | | | |
| | 3.7 | | 544 | 1.9 | 377 | 14400 | | | | | | | | | | | | | | | | | | | |
| | 3.9 | | 515 | 2.0 | 357 | 14400 | | | | | | | | | | | | | | | | | | | |
| 4.4 | 460 | 2.2 | 319 | 14400 | | | | | | | | | | | | | | | | | | | | | |
| 5.1 | 394 | 2.6 | 273 | 14400 | | | | | | | | | | | | | | | | | | | | | |
| 614/10 | 614/10 | 3.8 | 528 | 1.9 | 731 | 14400 | 63M2B | 56 | 54 | 56 | 53 | 49 | 47 | 282-283 | | | | | | | | | | | |
| | | 4.3 | 468 | 2.2 | 649 | 14400 | | | | | | | | | | | | | | | | | | | |
| | | 4.7 | 429 | 2.4 | 595 | 14400 | | | | | | | | | | | | | | | | | | | |
| | | 5.0 | 403 | 2.5 | 559 | 14400 | | | | | | | | | | | | | | | | | | | |
| | | 5.3 | 379 | 2.7 | 525 | 14400 | | | | | | | | | | | | | | | | | | | |
| | | 5.9 | 341 | 3.0 | 473 | 14400 | | | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|---------------|----|----|----|----|----|---|---------|-------|---------------|----|----|----|----|----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | | |
| 0.25 | 614/09 | 1.6 | 1255 | 0.8 | 559 | 14400 | 71M6C / 71M6D | 58 | 57 | 58 | 56 | 51 | 50 | 278-279 | | | | | | | | | | |
| | | 1.7 | 1179 | 0.9 | 525 | 14400 | | | | | | | | | | | | | | | | | | |
| | | 1.9 | 1062 | 1.0 | 473 | 14400 | | | | | | | | | | | | | | | | | | |
| | | 2.1 | 954 | 1.1 | 425 | 14400 | | | | | | | | | | | | | | | | | | |
| | | 2.4 | 846 | 1.2 | 377 | 14400 | | | | | | | | | | | | | | | | | | |
| | | 2.5 | 802 | 1.3 | 357 | 14400 | | | | | | | | | | | | | | | | | | |
| | | 2.8 | 716 | 1.4 | 319 | 14400 | | | | | | | | | | | | | | | | | | |
| | | 3.3 | 613 | 1.6 | 273 | 14400 | | | | | | | | | | | | | | | | | | |
| | | 3.9 | 519 | 1.9 | 231 | 14400 | | | | | | | | | | | | | | | | | | |
| | | 4.6 | 438 | 2.3 | 195 | 14400 | | | | | | | | | | | | | | | | | | |
| | 5.5 | 370 | 2.7 | 165 | 14400 | | | | | | | | | | | | | | | | | | | |
| | | 614/09 | 1.9 | 1055 | 1.0 | 731 | 14400 | 71M4A / 71M4B | 58 | 57 | 58 | 56 | 51 | 50 | 278-279 | | | | | | | | | |
| | 2.2 | | 937 | 1.1 | 649 | 14400 | | | | | | | | | | | | | | | | | | |
| | 2.4 | | 859 | 1.2 | 595 | 14400 | | | | | | | | | | | | | | | | | | |
| | 2.5 | | 807 | 1.3 | 559 | 14400 | | | | | | | | | | | | | | | | | | |
| | 2.7 | | 758 | 1.3 | 525 | 14400 | | | | | | | | | | | | | | | | | | |
| | 3.0 | | 683 | 1.5 | 473 | 14400 | | | | | | | | | | | | | | | | | | |
| | 3.3 | | 613 | 1.6 | 425 | 14400 | | | | | | | | | | | | | | | | | | |
| | 3.7 | | 544 | 1.9 | 377 | 14400 | | | | | | | | | | | | | | | | | | |
| | 3.9 | | 515 | 2.0 | 357 | 14400 | | | | | | | | | | | | | | | | | | |
| | 4.4 | | 460 | 2.2 | 319 | 14400 | | | | | | | | | | | | | | | | | | |
| | 5.1 | 394 | 2.6 | 273 | 14400 | | | | | | | | | | | | | | | | | | | |
| | | 614/09 | 3.8 | 528 | 1.9 | 731 | 14400 | 63M2B | 55 | 54 | 55 | 53 | 48 | 47 | 278-279 | | | | | | | | | |
| | 4.3 | | 468 | 2.2 | 649 | 14400 | | | | | | | | | | | | | | | | | | |
| | 4.7 | | 429 | 2.4 | 595 | 14400 | | | | | | | | | | | | | | | | | | |
| | 5.0 | | 403 | 2.5 | 559 | 14400 | | | | | | | | | | | | | | | | | | |
| | 5.3 | | 379 | 2.7 | 525 | 14400 | | | | | | | | | | | | | | | | | | |
| | 5.9 | | 341 | 3.0 | 473 | 14400 | | | | | | | | | | | | | | | | | | |
| | | | 614/08 | 1.6 | 1255 | 0.8 | 559 | | | | | | | | | 14400 | 71M6C / 71M6D | 53 | 53 | 52 | 52 | 46 | 46 | 274-275 |
| | 1.7 | | | 1179 | 0.9 | 525 | 14400 | | | | | | | | | | | | | | | | | |
| | 1.9 | | | 1062 | 1.0 | 473 | 14400 | | | | | | | | | | | | | | | | | |
| | 2.1 | | | 954 | 1.1 | 425 | 14400 | | | | | | | | | | | | | | | | | |
| | 2.4 | 846 | | 1.2 | 377 | 14400 | | | | | | | | | | | | | | | | | | |
| | 2.5 | 802 | | 1.3 | 357 | 14400 | | | | | | | | | | | | | | | | | | |
| | 2.8 | 716 | | 1.4 | 319 | 14400 | | | | | | | | | | | | | | | | | | |
| | 3.3 | 613 | | 1.5 | 273 | 14400 | | | | | | | | | | | | | | | | | | |
| | 3.9 | 519 | | 1.5 | 231 | 14400 | | | | | | | | | | | | | | | | | | |
| | 4.6 | 438 | | 1.5 | 195 | 14400 | | | | | | | | | | | | | | | | | | |
| | 5.5 | 370 | | 1.5 | 165 | 14400 | | | | | | | | | | | | | | | | | | |
| | 6.3 | 321 | | 1.5 | 143 | 14400 | | | | | | | | | | | | | | | | | | |
| | 7.4 | 272 | | 1.5 | 121 | 14400 | | | | | | | | | | | | | | | | | | |
| | 8.7 | 234 | | 1.5 | 104 | 14400 | | | | | | | | | | | | | | | | | | |
| | 614/08 | 1.9 | | 1055 | 1.0 | 731 | 14400 | 71M4A / 71M4B | 53 | 53 | 52 | 52 | 46 | 46 | 274-275 | | | | | | | | | |
| 2.2 | | 937 | | 1.1 | 649 | 14400 | | | | | | | | | | | | | | | | | | |
| 2.4 | | 859 | | 1.2 | 595 | 14400 | | | | | | | | | | | | | | | | | | |
| 2.5 | | 807 | | 1.3 | 559 | 14400 | | | | | | | | | | | | | | | | | | |
| 2.7 | | 758 | | 1.3 | 525 | 14400 | | | | | | | | | | | | | | | | | | |
| 3.0 | | 683 | | 1.5 | 473 | 14400 | | | | | | | | | | | | | | | | | | |
| 3.3 | | 613 | 1.6 | 425 | 14400 | | | | | | | | | | | | | | | | | | | |
| 3.7 | | 544 | 1.6 | 377 | 14400 | | | | | | | | | | | | | | | | | | | |
| 3.9 | | 515 | 1.6 | 357 | 14400 | | | | | | | | | | | | | | | | | | | |
| 4.4 | | 460 | 1.6 | 319 | 14400 | | | | | | | | | | | | | | | | | | | |
| 5.1 | 394 | 1.6 | 273 | 14400 | | | | | | | | | | | | | | | | | | | | |
| | 614/08 | 6.1 | 333 | 1.6 | 231 | 14400 | 63M2B | 50 | 50 | 49 | 49 | 43 | 43 | 274-275 | | | | | | | | | | |
| 7.2 | | 281 | 1.6 | 195 | 14400 | | | | | | | | | | | | | | | | | | | |
| 8.5 | | 238 | 1.6 | 165 | 14400 | | | | | | | | | | | | | | | | | | | |
| 9.8 | | 206 | 1.6 | 143 | 14400 | | | | | | | | | | | | | | | | | | | |
| 11.6 | | 175 | 1.6 | 121 | 14400 | | | | | | | | | | | | | | | | | | | |
| 13.5 | | 150 | 1.6 | 104 | 14400 | | | | | | | | | | | | | | | | | | | |
| | | 614/08 | 3.8 | 528 | 1.6 | 731 | | | | | | | | | 14400 | 63M2B | 50 | 50 | 49 | 49 | 43 | 43 | 274-275 | |
| 4.3 | | | 468 | 1.6 | 649 | 14400 | | | | | | | | | | | | | | | | | | |
| 4.7 | | | 429 | 1.6 | 595 | 14400 | | | | | | | | | | | | | | | | | | |
| 5.0 | | | 403 | 1.6 | 559 | 14400 | | | | | | | | | | | | | | | | | | |
| 5.3 | 379 | | 1.6 | 525 | 14400 | | | | | | | | | | | | | | | | | | | |
| 5.9 | 341 | | 1.6 | 473 | 14400 | | | | | | | | | | | | | | | | | | | |
| 6.6 | 307 | | 1.6 | 425 | 14400 | | | | | | | | | | | | | | | | | | | |
| 7.4 | 272 | | 1.6 | 377 | 14400 | | | | | | | | | | | | | | | | | | | |
| 7.8 | 258 | | 1.6 | 357 | 14400 | | | | | | | | | | | | | | | | | | | |
| 8.8 | 230 | | 1.6 | 319 | 14400 | | | | | | | | | | | | | | | | | | | |
| 10.3 | 197 | 1.6 | 273 | 14400 | | | | | | | | | | | | | | | | | | | | |
| 12.1 | 167 | 1.6 | 231 | 14400 | | | | | | | | | | | | | | | | | | | | |
| 14.4 | 141 | 1.6 | 195 | 14400 | | | | | | | | | | | | | | | | | | | | |
| 17.0 | 119 | 1.6 | 165 | 14400 | | | | | | | | | | | | | | | | | | | | |
| 19.6 | 103 | 1.6 | 143 | 14400 | | | | | | | | | | | | | | | | | | | | |
| 23.1 | 87 | 1.6 | 121 | 14400 | | | | | | | | | | | | | | | | | | | | |
| 26.9 | 75 | 1.6 | 104 | 14400 | | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|---------------|---------------|----|----|----|----|---------|---------|---------------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | |
| 0.25 | | 2.4 | 846 | 0.9 | 377 | 12900 | 71M6C / 71M6D | 59 | 57 | 59 | 56 | 52 | 50 | 270-271 | |
| | | 2.5 | 802 | 0.9 | 357 | 12900 | | | | | | | | | |
| | | 2.8 | 716 | 1.0 | 319 | 12900 | | | | | | | | | |
| | | 3.3 | 613 | 1.2 | 273 | 12900 | | | | | | | | | |
| | | 3.9 | 519 | 1.4 | 231 | 12900 | | | | | | | | | |
| | | 4.6 | 438 | 1.7 | 195 | 12900 | | | | | | | | | |
| | | 5.5 | 370 | 2.0 | 165 | 12900 | | | | | | | | | |
| | | 6.3 | 321 | 2.3 | 143 | 12900 | | | | | | | | | |
| | | 7.4 | 272 | 2.8 | 121 | 12900 | | | | | | | | | |
| | | 613/10 | 2.2 | 937 | 0.8 | 649 | 12900 | 71M4A / 71M4B | 59 | 57 | 59 | 56 | 52 | 50 | 270-271 |
| | | | 2.4 | 859 | 0.9 | 595 | 12900 | | | | | | | | |
| | | | 2.5 | 807 | 0.9 | 559 | 12900 | | | | | | | | |
| | | | 2.7 | 758 | 1.0 | 525 | 12900 | | | | | | | | |
| | | | 3.0 | 683 | 1.1 | 473 | 12900 | | | | | | | | |
| | | | 3.3 | 613 | 1.2 | 425 | 12900 | | | | | | | | |
| | | | 3.7 | 544 | 1.4 | 377 | 12900 | | | | | | | | |
| | | | 3.9 | 515 | 1.5 | 357 | 12900 | | | | | | | | |
| | | | 4.4 | 460 | 1.6 | 319 | 12900 | | | | | | | | |
| | | | 5.1 | 394 | 1.9 | 273 | 12900 | | | | | | | | |
| | | | 6.1 | 333 | 2.2 | 231 | 12900 | | | | | | | | |
| | | 7.2 | 281 | 2.7 | 195 | 12900 | | | | | | | | | |
| | 613/09 | 3.8 | 528 | 1.4 | 731 | 12900 | 63M2B | 56 | 54 | 56 | 53 | 49 | 47 | 270-271 | |
| | | 4.3 | 468 | 1.6 | 649 | 12900 | | | | | | | | | |
| | | 4.7 | 429 | 1.7 | 595 | 12900 | | | | | | | | | |
| | | 5.0 | 403 | 1.9 | 559 | 12900 | | | | | | | | | |
| | | 5.3 | 379 | 2.0 | 525 | 12900 | | | | | | | | | |
| | | 5.9 | 341 | 2.2 | 473 | 12900 | | | | | | | | | |
| | | 6.6 | 307 | 2.4 | 425 | 12900 | | | | | | | | | |
| | | 7.4 | 272 | 2.8 | 377 | 12900 | | | | | | | | | |
| | | 7.8 | 258 | 2.9 | 357 | 12900 | | | | | | | | | |
| | | | 2.4 | 846 | 0.9 | 377 | | | | | | | | | 12900 |
| | 2.5 | | 802 | 0.9 | 357 | 12900 | | | | | | | | | |
| | 2.8 | | 716 | 1.0 | 319 | 12900 | | | | | | | | | |
| | 3.3 | | 613 | 1.2 | 273 | 12900 | | | | | | | | | |
| | 3.9 | | 519 | 1.4 | 231 | 12900 | | | | | | | | | |
| | 4.6 | | 438 | 1.7 | 195 | 12900 | | | | | | | | | |
| | 5.5 | | 370 | 2.0 | 165 | 12900 | | | | | | | | | |
| | 6.3 | | 321 | 2.3 | 143 | 12900 | | | | | | | | | |
| | 7.4 | | 272 | 2.8 | 121 | 12900 | | | | | | | | | |
| | 613/09 | | 2.2 | 937 | 0.8 | 649 | 12900 | 71M4A / 71M4B | 58 | 57 | 58 | 56 | 51 | 50 | 266-267 |
| | | | 2.4 | 859 | 0.9 | 595 | 12900 | | | | | | | | |
| | | | 2.5 | 807 | 0.9 | 559 | 12900 | | | | | | | | |
| 2.7 | | | 758 | 1.0 | 525 | 12900 | | | | | | | | | |
| 3.0 | | | 683 | 1.1 | 473 | 12900 | | | | | | | | | |
| 3.3 | | | 613 | 1.2 | 425 | 12900 | | | | | | | | | |
| 3.7 | | | 544 | 1.4 | 377 | 12900 | | | | | | | | | |
| 3.9 | | | 515 | 1.5 | 357 | 12900 | | | | | | | | | |
| 4.4 | | | 460 | 1.6 | 319 | 12900 | | | | | | | | | |
| 5.1 | | | 394 | 1.9 | 273 | 12900 | | | | | | | | | |
| 6.1 | | | 333 | 2.2 | 231 | 12900 | | | | | | | | | |
| 7.2 | 281 | | 2.7 | 195 | 12900 | | | | | | | | | | |
| 613/09 | 3.8 | 528 | 1.4 | 731 | 12900 | 63M2B | 55 | 54 | 55 | 53 | 48 | 47 | 266-267 | | |
| | 4.3 | 468 | 1.6 | 649 | 12900 | | | | | | | | | | |
| | 4.7 | 429 | 1.7 | 595 | 12900 | | | | | | | | | | |
| | 5.0 | 403 | 1.9 | 559 | 12900 | | | | | | | | | | |
| | 5.3 | 379 | 2.0 | 525 | 12900 | | | | | | | | | | |
| | 5.9 | 341 | 2.2 | 473 | 12900 | | | | | | | | | | |
| | 6.6 | 307 | 2.4 | 425 | 12900 | | | | | | | | | | |
| | 7.4 | 272 | 2.8 | 377 | 12900 | | | | | | | | | | |
| | 7.8 | 258 | 2.9 | 357 | 12900 | | | | | | | | | | |
| | 613/08 | 2.4 | 846 | 0.9 | 377 | | | | | | | | | 12900 | 71M6C / 71M6D |
| 2.5 | | 802 | 0.9 | 357 | 12900 | | | | | | | | | | |
| 2.8 | | 716 | 1.0 | 319 | 12900 | | | | | | | | | | |
| 3.3 | | 613 | 1.2 | 273 | 12900 | | | | | | | | | | |
| 3.9 | | 519 | 1.4 | 231 | 12900 | | | | | | | | | | |
| 4.6 | | 438 | 1.5 | 195 | 12900 | | | | | | | | | | |
| 5.5 | | 370 | 1.5 | 165 | 12900 | | | | | | | | | | |
| 6.3 | | 321 | 1.5 | 143 | 12900 | | | | | | | | | | |
| 7.4 | | 272 | 1.5 | 121 | 12900 | | | | | | | | | | |
| 8.7 | | 234 | 1.5 | 104 | 12900 | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|---------------|----|----|----|----|---------|---|---------|------|---------------|---------------|----|----|----|----|----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | | | |
| 0.25 | 613/08 | 2.2 | 937 | 0.8 | 649 | 12900 | 71M4A / 71M4B | 54 | 53 | 53 | 52 | 47 | 46 | 262-263 | | | | | | | | | | | |
| | | 2.4 | 859 | 0.9 | 595 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | 2.5 | 807 | 0.9 | 559 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | 2.7 | 758 | 1.0 | 525 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | 3.0 | 683 | 1.1 | 473 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | 3.3 | 613 | 1.2 | 425 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | 3.7 | 544 | 1.4 | 377 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | 3.9 | 515 | 1.5 | 357 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | 4.4 | 460 | 1.6 | 319 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | 5.1 | 394 | 1.6 | 273 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | 6.1 | 333 | 1.6 | 231 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | 7.2 | 281 | 1.6 | 195 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | 8.5 | 238 | 1.6 | 165 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | 9.8 | 206 | 1.6 | 143 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | 11.6 | 175 | 1.6 | 121 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | 13.5 | 150 | 1.6 | 104 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | | 612 | 10.3 | 212 | 2.6 | | | | | | | | | 87 | 9620 | 71M6C / 71M6D | 41 | 35 | 39 | 33 | 36 | 30 | 184-185 | |
| | | | | 611/09 | 3.3 | 613 | | | | | | | | | 0.8 | 273 | 8460 | 71M6C / 71M6D | 43 | 41 | 42 | 40 | 39 | 37 | 258-259 |
| | | 3.9 | | | 519 | 1.0 | | | | | | | | | 231 | 8460 | | | | | | | | | |
| | | 4.6 | | | 438 | 1.1 | | | | | | | | | 195 | 8460 | | | | | | | | | |
| | 5.5 | 370 | | | 1.3 | 165 | 8460 | | | | | | | | | | | | | | | | | | |
| | 6.3 | 321 | | | 1.6 | 143 | 8460 | | | | | | | | | | | | | | | | | | |
| | 7.4 | 272 | | | 1.8 | 121 | 8460 | | | | | | | | | | | | | | | | | | |
| | 8.7 | 234 | | | 2.1 | 104 | 8460 | | | | | | | | | | | | | | | | | | |
| | 3.3 | 613 | | | 0.8 | 425 | 8460 | 71M4A / 71M4B | 43 | 41 | 42 | 40 | 39 | 37 | 258-259 | | | | | | | | | | |
| | 3.7 | 544 | | | 0.9 | 377 | 8460 | | | | | | | | | | | | | | | | | | |
| | 3.9 | 515 | 1.0 | | 357 | 8460 | | | | | | | | | | | | | | | | | | | |
| | 4.4 | 460 | 1.1 | | 319 | 8460 | | | | | | | | | | | | | | | | | | | |
| | 5.1 | 394 | 1.3 | | 273 | 8460 | | | | | | | | | | | | | | | | | | | |
| | 6.1 | 333 | 1.5 | | 231 | 8460 | | | | | | | | | | | | | | | | | | | |
| | 7.2 | 281 | 1.8 | | 195 | 8460 | | | | | | | | | | | | | | | | | | | |
| | 8.5 | 238 | 2.1 | | 165 | 8460 | | | | | | | | | | | | | | | | | | | |
| | 9.8 | 206 | 2.4 | 143 | 8460 | | | | | | | | | | | | | | | | | | | | |
| | 11.6 | 175 | 2.9 | 121 | 8460 | | | | | | | | | | | | | | | | | | | | |
| | 3.8 | 528 | 0.9 | 731 | 8460 | 63M2B | 40 | 38 | 39 | 37 | 36 | 34 | 258-259 | | | | | | | | | | | | |
| | 4.3 | 468 | 1.1 | 649 | 8460 | | | | | | | | | | | | | | | | | | | | |
| | 4.7 | 429 | 1.2 | 595 | 8460 | | | | | | | | | | | | | | | | | | | | |
| | 5.0 | 403 | 1.2 | 559 | 8460 | | | | | | | | | | | | | | | | | | | | |
| | 5.3 | 379 | 1.3 | 525 | 8460 | | | | | | | | | | | | | | | | | | | | |
| | 5.9 | 341 | 1.5 | 473 | 8460 | | | | | | | | | | | | | | | | | | | | |
| | 6.6 | 307 | 1.5 | 425 | 8460 | | | | | | | | | | | | | | | | | | | | |
| | 7.4 | 272 | 1.5 | 377 | 8460 | | | | | | | | | | | | | | | | | | | | |
| | 7.8 | 258 | 1.5 | 357 | 8460 | | | | | | | | | | | | | | | | | | | | |
| | 8.8 | 230 | 1.5 | 319 | 8460 | | | | | | | | | | | | | | | | | | | | |
| | 10.3 | 197 | 1.5 | 273 | 8460 | | | | | | | | | | | | | | | | | | | | |
| 12.1 | 167 | 1.5 | 231 | 8460 | | | | | | | | | | | | | | | | | | | | | |
| 17.0 | 119 | 1.5 | 165 | 8460 | | | | | | | | | | | | | | | | | | | | | |
| 19.6 | 103 | 1.5 | 143 | 8460 | | | | | | | | | | | | | | | | | | | | | |
| 23.1 | 87 | 1.5 | 121 | 8460 | | | | | | | | | | | | | | | | | | | | | |
| 26.9 | 75 | 1.5 | 104 | 8460 | | | | | | | | | | | | | | | | | | | | | |
| | 611/08 | 3.3 | 613 | 0.8 | 273 | 8460 | 71M6C / 71M6D | 37 | 37 | 36 | 36 | 33 | 33 | 254-255 | | | | | | | | | | | |
| 3.9 | | 519 | 1.0 | 231 | 8460 | | | | | | | | | | | | | | | | | | | | |
| 4.6 | | 438 | 1.1 | 195 | 8460 | | | | | | | | | | | | | | | | | | | | |
| 5.5 | | 370 | 1.3 | 165 | 8460 | | | | | | | | | | | | | | | | | | | | |
| 6.3 | | 321 | 1.3 | 143 | 8460 | | | | | | | | | | | | | | | | | | | | |
| 7.4 | | 272 | 1.3 | 121 | 8460 | | | | | | | | | | | | | | | | | | | | |
| 8.7 | | 234 | 1.3 | 104 | 8460 | | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|----|----|----|---------|----|---|--------------|----|----|----|----|----|----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 0.25 |  | 3.3 | 613 | 0.8 | 425 | 8460 | 71M4A / 71M4B | 37 | 37 | 36 | 36 | 33 | 33 | 254-255 | | | | | | | | |
| | | 3.7 | 544 | 0.9 | 377 | 8460 | | | | | | | | | | | | | | | | |
| | | 3.9 | 515 | 1.0 | 357 | 8460 | | | | | | | | | | | | | | | | |
| | | 4.4 | 460 | 1.1 | 319 | 8460 | | | | | | | | | | | | | | | | |
| | | 5.1 | 394 | 1.3 | 273 | 8460 | | | | | | | | | | | | | | | | |
| | | 6.1 | 333 | 1.5 | 231 | 8460 | | | | | | | | | | | | | | | | |
| | | 7.2 | 281 | 1.5 | 195 | 8460 | | | | | | | | | | | | | | | | |
| | | 8.5 | 238 | 1.5 | 165 | 8460 | | | | | | | | | | | | | | | | |
| | | 9.8 | 206 | 1.5 | 143 | 8460 | | | | | | | | | | | | | | | | |
| | | 11.6 | 175 | 1.5 | 121 | 8460 | | | | | | | | | | | | | | | | |
| 13.5 | 150 | 1.5 | 104 | 8460 | | | | | | | | | | | | | | | | | | |
| 611/08 |  | 3.8 | 528 | 0.9 | 731 | 8460 | 63M2B | 34 | 34 | 33 | 33 | 30 | 30 | 254-255 | | | | | | | | |
| | | 4.3 | 468 | 1.1 | 649 | 8460 | | | | | | | | | | | | | | | | |
| | | 4.7 | 429 | 1.2 | 595 | 8460 | | | | | | | | | | | | | | | | |
| | | 5.0 | 403 | 1.2 | 559 | 8460 | | | | | | | | | | | | | | | | |
| | | 5.3 | 379 | 1.3 | 525 | 8460 | | | | | | | | | | | | | | | | |
| | | 5.9 | 341 | 1.5 | 473 | 8460 | | | | | | | | | | | | | | | | |
| | | 6.6 | 307 | 1.5 | 425 | 8460 | | | | | | | | | | | | | | | | |
| | | 7.4 | 272 | 1.5 | 377 | 8460 | | | | | | | | | | | | | | | | |
| | | 7.8 | 258 | 1.5 | 357 | 8460 | | | | | | | | | | | | | | | | |
| | | 8.8 | 230 | 1.5 | 319 | 8460 | | | | | | | | | | | | | | | | |
| | | 10.3 | 197 | 1.5 | 273 | 8460 | | | | | | | | | | | | | | | | |
| | | 12.1 | 167 | 1.5 | 231 | 8460 | | | | | | | | | | | | | | | | |
| | | 17.0 | 119 | 1.5 | 165 | 8460 | | | | | | | | | | | | | | | | |
| | | 19.6 | 103 | 1.5 | 143 | 8460 | | | | | | | | | | | | | | | | |
| 23.1 | 87 | 1.5 | 121 | 8460 | | | | | | | | | | | | | | | | | | |
| 26.9 | 75 | 1.5 | 104 | 8460 | | | | | | | | | | | | | | | | | | |
| 611 |  | 10.3 | 212 | 2.6 | 87 | 8460 | 71M6C / 71M6D | 40 | 34 | 39 | 33 | 36 | 30 | 180-181 | | | | | | | | |
| | | 12.7 | 173 | 2.9 | 71 | 8460 | | | | | | | | | | | | | | | | |
| 610/08 |  | 8.7 | 234 | 0.9 | 104 | 5290 | 71M6C / 71M6D | 27 | 26 | 25 | 24 | 24 | 23 | 250-251 | | | | | | | | |
| | | 7.2 | 281 | 0.9 | 195 | 5290 | | | | | | | | | | | | | | | | |
| | | 8.5 | 238 | 1.0 | 165 | 5290 | 71M4A / 71M4B | 27 | 26 | 25 | 24 | 24 | 23 | 250-251 | | | | | | | | |
| | | 9.8 | 206 | 1.0 | 143 | 5290 | | | | | | | | | | | | | | | | |
| | | 11.6 | 175 | 1.2 | 121 | 5290 | | | | | | | | | | | | | | | | |
| | | 13.5 | 150 | 1.3 | 104 | 5290 | | | | | | | | | | | | | | | | |
| | | 6.6 | 307 | 0.8 | 425 | 5290 | | | | | | | | | 63M2B | 24 | 23 | 22 | 21 | 21 | 20 | 250-251 |
| | | 7.4 | 272 | 0.9 | 377 | 5290 | | | | | | | | | | | | | | | | |
| | | 7.8 | 258 | 1.0 | 357 | 5290 | | | | | | | | | | | | | | | | |
| | | 8.8 | 230 | 1.1 | 319 | 5290 | | | | | | | | | | | | | | | | |
| | | 10.3 | 197 | 1.3 | 273 | 5290 | | | | | | | | | | | | | | | | |
| | | 12.1 | 167 | 1.5 | 231 | 5290 | | | | | | | | | | | | | | | | |
| | | 14.4 | 141 | 1.5 | 195 | 5290 | | | | | | | | | | | | | | | | |
| | | 17.0 | 119 | 1.5 | 165 | 5290 | | | | | | | | | | | | | | | | |
| 19.6 | 103 | 1.5 | 143 | 5290 | | | | | | | | | | | | | | | | | | |
| 23.1 | 87 | 1.5 | 121 | 5290 | | | | | | | | | | | | | | | | | | |
| 26.9 | 75 | 1.5 | 104 | 5290 | | | | | | | | | | | | | | | | | | |
| 610 |  | 10.3 | 212 | 1.3 | 87 | 5290 | 71M6C / 71M6D | 26 | 24 | 24 | 22 | 23 | 21 | 176-177 | | | | | | | | |
| | | 12.7 | 173 | 1.5 | 71 | 5290 | | | | | | | | | | | | | | | | |
| | | 15.3 | 144 | 1.8 | 59 | 5290 | | | | | | | | | | | | | | | | |
| | | 17.6 | 124 | 2.0 | 51 | 5290 | | | | | | | | | | | | | | | | |
| | | 20.9 | 105 | 2.6 | 43 | 5290 | | | | | | | | | | | | | | | | |
| | | 11.8 | 187 | 1.0 | 119 | 5290 | 71M4A / 71M4B | 26 | 24 | 24 | 22 | 23 | 21 | 176-177 | | | | | | | | |
| | | 16.1 | 136 | 2.0 | 87 | 5290 | | | | | | | | | | | | | | | | |
| | | 19.7 | 111 | 2.0 | 71 | 5290 | | | | | | | | | | | | | | | | |
| | | 23.7 | 93 | 2.4 | 59 | 5290 | | | | | | | | | | | | | | | | |
| | | 27.5 | 80 | 2.6 | 51 | 5290 | | | | | | | | | | | | | | | | |
| 23.5 | 93 | 1.0 | 119 | 5290 | 63M2B | 23 | 21 | 21 | 19 | 20 | 18 | 176-177 | | | | | | | | | | |
| 32.2 | 68 | 2.0 | 87 | 5290 | | | | | | | | | | | | | | | | | | |
| 39.4 | 56 | 2.0 | 71 | 5290 | | | | | | | | | | | | | | | | | | |
| 47.5 | 46 | 2.4 | 59 | 5290 | | | | | | | | | | | | | | | | | | |
| 54.9 | 40 | 2.6 | 51 | 5290 | | | | | | | | | | | | | | | | | | |
| 609/08 |  | 17.0 | 119 | 0.8 | 165 | 3270 | 63M2B | 22 | 20 | 20 | 18 | 19 | 17 | 246-247 | | | | | | | | |
| | | 19.6 | 103 | 0.9 | 143 | 3270 | | | | | | | | | | | | | | | | |
| | | 23.1 | 87 | 0.9 | 121 | 3270 | | | | | | | | | | | | | | | | |
| | | 26.9 | 75 | 1.1 | 104 | 3270 | | | | | | | | | | | | | | | | |




| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|----------------------|-----|-----|-----|-----|---------|---|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | |
| 0.25 | 609 | 12.7 | 173 | 0.8 | 71 | 3280 | 71M6C / 71M6D | 25 | 22 | 23 | 20 | 22 | 19 | 172-173 | |
| | | 15.3 | 144 | 1.0 | 59 | 3280 | | | | | | | | | |
| | | 17.6 | 124 | 1.1 | 51 | 3280 | | | | | | | | | |
| | | 20.9 | 105 | 1.3 | 43 | 3280 | | | | | | | | | |
| | | 25.7 | 85 | 1.6 | 35 | 3280 | | | | | | | | | |
| | | 31.0 | 71 | 2.0 | 29 | 3280 | | | | | | | | | |
| | | 36.0 | 61 | 2.2 | 25 | 3280 | | | | | | | | | |
| | | 42.9 | 51 | 2.7 | 21 | 3280 | | | | | | | | | |
| | | 16.1 | 136 | 1.0 | 87 | 3280 | | | | | | | | | |
| | | 19.7 | 111 | 1.0 | 71 | 3280 | | | | | | | | | |
| | 23.7 | 93 | 1.3 | 59 | 3280 | | | | | | | | | | |
| | 27.5 | 80 | 1.5 | 51 | 3280 | | | | | | | | | | |
| | 32.6 | 67 | 2.0 | 43 | 3280 | | | | | | | | | | |
| | 40.0 | 55 | 2.3 | 35 | 3280 | | | | | | | | | | |
| | 48.3 | 45 | 2.7 | 29 | 3280 | | | | | | | | | | |
| | 56.0 | 39 | 3.0 | 25 | 3280 | | | | | | | | | | |
| | 32.2 | 68 | 1.0 | 87 | 3280 | | | | | | | | | | |
| | 39.4 | 56 | 1.0 | 71 | 3280 | | | | | | | | | | |
| | 47.5 | 46 | 1.3 | 59 | 3280 | | | | | | | | | | |
| | 54.9 | 40 | 1.5 | 51 | 3280 | | | | | | | | | | |
| | 65.1 | 34 | 2.0 | 43 | 3280 | | | | | | | | | | |
| | 80.0 | 27 | 2.3 | 35 | 3280 | | | | | | | | | | |
| | 96.6 | 23 | 2.7 | 29 | 3280 | | | | | | | | | | |
| | 112.0 | 20 | 3.0 | 25 | 3230 | | | | | | | | | | |
| | 0.25 | 608 | 42.9 | 51 | 1.0 | 21 | 1740 | 71M6C / 71M6D | 15 | 14 | 17 | 16 | 15 | 14 | 168-169 |
| | | | 52.9 | 41 | 1.3 | 17 | 1740 | | | | | | | | |
| | | | 60.0 | 37 | 1.5 | 15 | 1740 | | | | | | | | |
| | | | 69.2 | 32 | 1.5 | 13 | 1740 | | | | | | | | |
| 81.8 | | | 27 | 1.5 | 11 | 1740 | | | | | | | | | |
| 112.5 | | | 20 | 1.5 | 8 | 1700 | | | | | | | | | |
| 150.0 | | | 15 | 1.5 | 6 | 1540 | | | | | | | | | |
| 32.6 | | | 67 | 0.8 | 43 | 1740 | | | | | | | | | |
| 40.0 | | | 55 | 1.0 | 35 | 1740 | | | | | | | | | |
| 48.3 | | | 45 | 1.0 | 29 | 1740 | | | | | | | | | |
| 56.0 | | 39 | 1.0 | 25 | 1740 | | | | | | | | | | |
| 66.7 | | 33 | 1.6 | 21 | 1740 | | | | | | | | | | |
| 82.4 | | 27 | 1.6 | 17 | 1740 | | | | | | | | | | |
| 93.3 | | 24 | 1.6 | 15 | 1740 | | | | | | | | | | |
| 107.7 | | 20 | 1.6 | 13 | 1740 | | | | | | | | | | |
| 127.3 | | 17 | 1.6 | 11 | 1650 | | | | | | | | | | |
| 175.0 | | 13 | 1.6 | 8 | 1480 | | | | | | | | | | |
| 233.3 | | 9 | 1.6 | 6 | 1340 | | | | | | | | | | |
| 65.1 | | 34 | 0.8 | 43 | 1740 | | | | | | | | | | |
| 80.0 | | 27 | 1.0 | 35 | 1740 | | | | | | | | | | |
| 96.6 | | 23 | 1.0 | 29 | 1740 | | | | | | | | | | |
| 112.0 | | 20 | 1.0 | 25 | 1720 | | | | | | | | | | |
| 133.3 | | 16 | 1.6 | 21 | 1630 | | | | | | | | | | |
| 164.7 | | 13 | 1.6 | 17 | 1510 | | | | | | | | | | |
| 186.7 | | 12 | 1.6 | 15 | 1450 | | | | | | | | | | |
| 215.4 | | 10 | 1.6 | 13 | 1380 | | | | | | | | | | |
| 254.5 | | 9 | 1.6 | 11 | 1300 | | | | | | | | | | |
| 350.0 | | 6 | 1.6 | 8 | 1180 | | | | | | | | | | |
| 466.7 | 5 | 1.6 | 6 | 1070 | | | | | | | | | | | |
| 0.25 | 607 | 66.7 | 33 | 0.8 | 21 | 1160 | 71M4A / 71M4B | 15 | 14 | 16 | 15 | 15 | 14 | 164-165 | |
| | | 82.4 | 27 | 1.0 | 17 | 1120 | | | | | | | | | |
| | | 93.3 | 24 | 1.0 | 15 | 1080 | | | | | | | | | |
| | | 107.7 | 20 | 1.0 | 13 | 1030 | | | | | | | | | |
| | | 127.3 | 17 | 1.0 | 11 | 970 | | | | | | | | | |
| | 133.3 | 16 | 0.8 | 21 | 960 | 63M2B | 11 | 11 | 12 | 12 | 12 | 11 | 164-165 | | |
| | 164.7 | 13 | 1.0 | 17 | 890 | | | | | | | | | | |
| | 186.7 | 12 | 1.0 | 15 | 860 | | | | | | | | | | |
| | 215.4 | 10 | 1.0 | 13 | 820 | | | | | | | | | | |
| | 254.5 | 9 | 1.0 | 11 | 770 | | | | | | | | | | |
| 0.37 | 619/13 | 1.2 | 2429 | 2.9 | 731 | 51000 | 80M6A | 270 | 264 | 255 | 249 | 225 | 219 | 322-323 | |
| | 619/11 | 1.2 | 2429 | 2.9 | 731 | 51000 | 80M6A | 255 | 257 | 244 | 242 | 214 | 212 | 318-319 | |
| | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|---------------|---------------|-----|-----|-----|-----|-----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | |
| 0.37 | 618/13 | 1.2 | 2429 | 1.6 | 731 | 36600 | 80M6A | 205 | 197 | 192 | 184 | 172 | 164 | 314-315 | |
| | | 1.4 | 2157 | 1.8 | 649 | 36600 | | | | | | | | | |
| | | 1.5 | 1977 | 2.0 | 595 | 36600 | | | | | | | | | |
| | | 1.6 | 1858 | 2.1 | 559 | 36600 | | | | | | | | | |
| | | 1.7 | 1745 | 2.3 | 525 | 36600 | | | | | | | | | |
| | | 1.9 | 1572 | 2.5 | 473 | 36600 | | | | | | | | | |
| | | 2.1 | 1412 | 2.8 | 425 | 36600 | | | | | | | | | |
| | 618/10 | 1.2 | 1.2 | 2429 | 1.6 | 731 | 36600 | 80M6A | 183 | 190 | 170 | 177 | 150 | 157 | 310-311 |
| | | | 1.4 | 2157 | 1.8 | 649 | 36600 | | | | | | | | |
| | | | 1.5 | 1977 | 2.0 | 595 | 36600 | | | | | | | | |
| | | | 1.6 | 1858 | 2.1 | 559 | 36600 | | | | | | | | |
| | | | 1.7 | 1745 | 2.3 | 525 | 36600 | | | | | | | | |
| | | | 1.9 | 1572 | 2.5 | 473 | 36600 | | | | | | | | |
| | | | 2.1 | 1412 | 2.8 | 425 | 36600 | | | | | | | | |
| | | 1.9 | 1.9 | 1562 | 2.5 | 731 | 36600 | 71M4B / 71M4C | 179 | 186 | 166 | 173 | 146 | 153 | 310-311 |
| | | | 2.2 | 1386 | 2.9 | 649 | 36600 | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | 617/11 | 1.2 | 1.2 | 2429 | 1.1 | 731 | 27000 | 80M6A | 149 | 143 | 149 | 143 | 120 | 114 | 306-307 |
| | | | 1.4 | 2157 | 1.2 | 649 | 27000 | | | | | | | | |
| | | | 1.5 | 1977 | 1.4 | 595 | 27000 | | | | | | | | |
| | | | 1.6 | 1858 | 1.4 | 559 | 27000 | | | | | | | | |
| | | | 1.7 | 1745 | 1.5 | 525 | 27000 | | | | | | | | |
| | | | 1.9 | 1572 | 1.7 | 473 | 27000 | | | | | | | | |
| | | | 2.1 | 1412 | 1.9 | 425 | 27000 | | | | | | | | |
| | | | 2.4 | 1253 | 2.1 | 377 | 27000 | | | | | | | | |
| | | | 2.5 | 1186 | 2.3 | 357 | 27000 | | | | | | | | |
| | | | 2.8 | 1060 | 2.5 | 319 | 27000 | | | | | | | | |
| | | 1.9 | 1.9 | 1562 | 1.7 | 731 | 27000 | 71M4B / 71M4C | 146 | 138 | 146 | 138 | 117 | 109 | 306-307 |
| | | | 2.2 | 1386 | 1.9 | 649 | 27000 | | | | | | | | |
| | | | 2.4 | 1271 | 2.1 | 595 | 27000 | | | | | | | | |
| | | | 2.5 | 1194 | 2.3 | 559 | 27000 | | | | | | | | |
| | | | 2.7 | 1122 | 2.4 | 525 | 27000 | | | | | | | | |
| | | | 3.0 | 1010 | 2.7 | 473 | 27000 | | | | | | | | |
| | | | 3.3 | 908 | 3.0 | 425 | 27000 | | | | | | | | |
| | 617/10 | 1.2 | 1.2 | 2429 | 1.1 | 731 | 27000 | 80M6A | 139 | 135 | 139 | 135 | 110 | 106 | 302-303 |
| | | | 1.4 | 2157 | 1.2 | 649 | 27000 | | | | | | | | |
| | | | 1.5 | 1977 | 1.4 | 595 | 27000 | | | | | | | | |
| | | | 1.6 | 1858 | 1.4 | 559 | 27000 | | | | | | | | |
| | | | 1.7 | 1745 | 1.5 | 525 | 27000 | | | | | | | | |
| | | | 1.9 | 1572 | 1.7 | 473 | 27000 | | | | | | | | |
| | | | 2.1 | 1412 | 1.9 | 425 | 27000 | | | | | | | | |
| | | | 2.4 | 1253 | 2.1 | 377 | 27000 | | | | | | | | |
| 2.5 | | | 1186 | 2.3 | 357 | 27000 | | | | | | | | | |
| 2.8 | | | 1060 | 2.5 | 319 | 27000 | | | | | | | | | |
| 1.9 | | 1.9 | 1562 | 1.7 | 731 | 27000 | 71M4B / 71M4C | 135 | 131 | 135 | 131 | 106 | 102 | 302-303 | |
| | | 2.2 | 1386 | 1.9 | 649 | 27000 | | | | | | | | | |
| | | 2.4 | 1271 | 2.1 | 595 | 27000 | | | | | | | | | |
| | | 2.5 | 1194 | 2.3 | 559 | 27000 | | | | | | | | | |
| 617/09 | 1.2 | 1.2 | 2429 | 1.1 | 731 | 27000 | 80M6A | 137 | 135 | 137 | 135 | 108 | 106 | 298-299 | |
| | | 1.4 | 2157 | 1.2 | 649 | 27000 | | | | | | | | | |
| | | 1.5 | 1977 | 1.4 | 595 | 27000 | | | | | | | | | |
| | | 1.6 | 1858 | 1.4 | 559 | 27000 | | | | | | | | | |
| | | 1.7 | 1745 | 1.5 | 525 | 27000 | | | | | | | | | |
| | | 1.9 | 1572 | 1.7 | 473 | 27000 | | | | | | | | | |
| | | 2.1 | 1412 | 1.9 | 425 | 27000 | | | | | | | | | |
| | | 2.4 | 1253 | 2.1 | 377 | 27000 | | | | | | | | | |
| | | 2.5 | 1186 | 2.2 | 357 | 27000 | | | | | | | | | |
| | | 2.8 | 1060 | 2.5 | 319 | 27000 | | | | | | | | | |
| | | 3.3 | 907 | 2.4 | 273 | 27000 | | | | | | | | | |
| | | 3.9 | 768 | 2.5 | 231 | 27000 | | | | | | | | | |
| | | 4.6 | 648 | 2.4 | 195 | 27000 | | | | | | | | | |
| | | 5.5 | 548 | 2.5 | 165 | 27000 | | | | | | | | | |
| | 6.3 | 475 | 2.5 | 143 | 27000 | | | | | | | | | | |
| | 7.4 | 402 | 2.5 | 121 | 27000 | | | | | | | | | | |
| | 8.7 | 346 | 2.7 | 104 | 27000 | | | | | | | | | | |
| | | | | | | | | | | | | | | | |




| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|--------------|-----|-----|-----|---------|---------|---|--------------|-------|-----|-----|----|----|----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 0.37 | 617/09 | 1.9 | 1562 | 1.7 | 731 | 27000 | 71M4B / 71M4C | 133 | 131 | 133 | 131 | 104 | 102 | 298-299 | | | | | | | | |
| | | 2.2 | 1386 | 1.9 | 649 | 27000 | | | | | | | | | | | | | | | | |
| | | 2.4 | 1271 | 2.1 | 595 | 27000 | | | | | | | | | | | | | | | | |
| | | 2.5 | 1194 | 2.3 | 559 | 27000 | | | | | | | | | | | | | | | | |
| | | 2.7 | 1122 | 2.4 | 525 | 27000 | | | | | | | | | | | | | | | | |
| | | 3.0 | 1010 | 2.7 | 473 | 27000 | | | | | | | | | | | | | | | | |
| | | 3.3 | 908 | 2.9 | 425 | 27000 | | | | | | | | | | | | | | | | |
| | | 3.9 | 763 | 2.9 | 357 | 27000 | | | | | | | | | | | | | | | | |
| | | 616/11 | 1.4 | 2157 | 0.8 | 649 | 19200 | 80M6A | 114 | 109 | 109 | 104 | 96 | 91 | 294-295 | | | | | | | |
| | | | | 1.5 | 1977 | 0.9 | 595 | | | | | | | | | 19200 | | | | | | |
| | | | | 1.6 | 1858 | 1.0 | 559 | | | | | | | | | 19200 | | | | | | |
| | | | | 1.7 | 1745 | 1.0 | 525 | | | | | | | | | 19200 | | | | | | |
| | | | | 1.9 | 1572 | 1.1 | 473 | | | | | | | | | 19200 | | | | | | |
| | | | | 2.1 | 1412 | 1.3 | 425 | | | | | | | | | 19200 | | | | | | |
| | 2.4 | | | 1253 | 1.4 | 377 | 19200 | | | | | | | | | | | | | | | |
| | 2.5 | | | 1186 | 1.5 | 357 | 19200 | | | | | | | | | | | | | | | |
| | 2.8 | | | 1060 | 1.7 | 319 | 19200 | | | | | | | | | | | | | | | |
| | 3.3 | | | 907 | 2.0 | 273 | 19200 | | | | | | | | | | | | | | | |
| | 3.9 | | 768 | 2.3 | 231 | 19200 | | | | | | | | | | | | | | | | |
| | 4.6 | | 648 | 2.7 | 195 | 19200 | | | | | | | | | | | | | | | | |
| | 1.9 | | 1562 | 1.1 | 731 | 19200 | 71M4B / 71M4C | 111 | 104 | 106 | 99 | 93 | 86 | 294-295 | | | | | | | | |
| | | | 2.2 | 1386 | 1.3 | 649 | | | | | | | | | 19200 | | | | | | | |
| | | | 2.4 | 1271 | 1.4 | 595 | | | | | | | | | 19200 | | | | | | | |
| | | | 2.5 | 1194 | 1.5 | 559 | | | | | | | | | 19200 | | | | | | | |
| | | 2.7 | 1122 | 1.6 | 525 | 19200 | | | | | | | | | | | | | | | | |
| | | 3.0 | 1010 | 1.8 | 473 | 19200 | | | | | | | | | | | | | | | | |
| | | 3.3 | 908 | 2.0 | 425 | 19200 | | | | | | | | | | | | | | | | |
| | | 3.7 | 805 | 2.2 | 377 | 19200 | | | | | | | | | | | | | | | | |
| | | 3.9 | 763 | 2.3 | 357 | 19200 | | | | | | | | | | | | | | | | |
| | | 4.4 | 681 | 2.6 | 319 | 19200 | | | | | | | | | | | | | | | | |
| 3.8 | 781 | 2.3 | 731 | 19200 | 71M2A | 111 | 104 | 106 | 99 | 93 | 86 | 294-295 | | | | | | | | | | |
| | 4.3 | 693 | 2.6 | 649 | | | | | | | | | 19200 | | | | | | | | | |
| | 4.7 | 636 | 2.8 | 595 | | | | | | | | | 19200 | | | | | | | | | |
| | 5.0 | 597 | 3.0 | 559 | | | | | | | | | 19200 | | | | | | | | | |
| | 616/10 | 1.4 | 2157 | 0.8 | | | | | | | | | 649 | 19200 | 80M6A | 105 | 101 | 100 | 96 | 87 | 83 | 290-291 |
| | | | 1.5 | 1977 | | | | | | | | | 0.9 | 595 | | | | | | | | |
| 1.6 | | | 1858 | 1.0 | 559 | 19200 | | | | | | | | | | | | | | | | |
| 1.7 | | | 1745 | 1.0 | 525 | 19200 | | | | | | | | | | | | | | | | |
| 1.9 | | | 1572 | 1.1 | 473 | 19200 | | | | | | | | | | | | | | | | |
| 2.1 | | | 1412 | 1.3 | 425 | 19200 | | | | | | | | | | | | | | | | |
| 2.4 | | | 1253 | 1.4 | 377 | 19200 | | | | | | | | | | | | | | | | |
| 2.5 | | | 1186 | 1.5 | 357 | 19200 | | | | | | | | | | | | | | | | |
| 2.8 | | | 1060 | 1.7 | 319 | 19200 | | | | | | | | | | | | | | | | |
| 3.3 | | | 907 | 2.0 | 273 | 19200 | | | | | | | | | | | | | | | | |
| 3.9 | | 768 | 2.3 | 231 | 19200 | | | | | | | | | | | | | | | | | |
| 4.6 | | 648 | 2.7 | 195 | 19200 | | | | | | | | | | | | | | | | | |
| 1.9 | | 1562 | 1.1 | 731 | 19200 | 71M4B / 71M4C | 101 | 98 | 96 | 93 | 83 | 80 | 290-291 | | | | | | | | | |
| | | 2.2 | 1386 | 1.3 | 649 | | | | | | | | | 19200 | | | | | | | | |
| | 2.4 | 1271 | 1.4 | 595 | 19200 | | | | | | | | | | | | | | | | | |
| | 2.5 | 1194 | 1.5 | 559 | 19200 | | | | | | | | | | | | | | | | | |
| | 2.7 | 1122 | 1.6 | 525 | 19200 | | | | | | | | | | | | | | | | | |
| | 3.0 | 1010 | 1.8 | 473 | 19200 | | | | | | | | | | | | | | | | | |
| | 3.3 | 908 | 2.0 | 425 | 19200 | | | | | | | | | | | | | | | | | |
| | 3.7 | 805 | 2.2 | 377 | 19200 | | | | | | | | | | | | | | | | | |
| 3.8 | 781 | 2.3 | 731 | 19200 | 71M2A | 101 | 98 | 96 | 93 | 83 | 80 | 290-291 | | | | | | | | | | |
| | 4.3 | 693 | 2.6 | 649 | | | | | | | | | 19200 | | | | | | | | | |
| | 4.7 | 636 | 2.8 | 595 | | | | | | | | | 19200 | | | | | | | | | |
| | 5.0 | 597 | 3.0 | 559 | | | | | | | | | 19200 | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | |
|------------------------|---------------|--|------------------------|----------------|------------------|-------------------------|---------------|-------|-----|----|----|----|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | |
| 0.37 | 616/09 | 1.4 | 2157 | 0.8 | 649 | 19200 | 80M6A | 103 | 101 | 98 | 96 | 85 | 83 | 286-287 | |
| | | 1.5 | 1977 | 0.9 | 595 | 19200 | | | | | | | | | |
| | | 1.6 | 1858 | 1.0 | 559 | 19200 | | | | | | | | | |
| | | 1.7 | 1745 | 1.0 | 525 | 19200 | | | | | | | | | |
| | | 1.9 | 1572 | 1.1 | 473 | 19200 | | | | | | | | | |
| | | 2.1 | 1412 | 1.3 | 425 | 19200 | | | | | | | | | |
| | | 2.4 | 1253 | 1.4 | 377 | 19200 | | | | | | | | | |
| | | 2.5 | 1186 | 1.5 | 357 | 19200 | | | | | | | | | |
| | | 2.8 | 1060 | 1.7 | 319 | 19200 | | | | | | | | | |
| | | 3.3 | 907 | 2.0 | 273 | 19200 | | | | | | | | | |
| | | 3.9 | 768 | 2.3 | 231 | 19200 | | | | | | | | | |
| | | 4.6 | 648 | 2.4 | 195 | 19200 | | | | | | | | | |
| | | 5.5 | 548 | 2.5 | 165 | 19200 | | | | | | | | | |
| | | 6.3 | 475 | 2.5 | 143 | 19200 | | | | | | | | | |
| | | 7.4 | 402 | 2.5 | 121 | 19200 | | | | | | | | | |
| | | 8.7 | 346 | 2.7 | 104 | 19200 | | | | | | | | | |
| | | | 71M4B / 71M4C | 1.9 | 1562 | 1.1 | 731 | 19200 | 99 | 98 | 94 | 93 | 81 | 80 | 286-287 |
| | | 2.2 | | 1386 | 1.3 | 649 | 19200 | | | | | | | | |
| | | 2.4 | | 1271 | 1.4 | 595 | 19200 | | | | | | | | |
| | | 2.5 | | 1194 | 1.5 | 559 | 19200 | | | | | | | | |
| | | 2.7 | | 1122 | 1.6 | 525 | 19200 | | | | | | | | |
| | | 3.0 | | 1010 | 1.8 | 473 | 19200 | | | | | | | | |
| | | 3.3 | | 908 | 2.0 | 425 | 19200 | | | | | | | | |
| | | 3.7 | | 805 | 2.2 | 377 | 19200 | | | | | | | | |
| | | 3.9 | | 763 | 2.3 | 357 | 19200 | | | | | | | | |
| | | 4.4 | | 681 | 2.6 | 319 | 19200 | | | | | | | | |
| | | | 71M2A | 3.8 | 781 | 2.3 | 731 | 19200 | 99 | 98 | 94 | 93 | 81 | 80 | 286-287 |
| | 4.3 | 693 | | 2.6 | 649 | 19200 | | | | | | | | | |
| | 4.7 | 636 | | 2.8 | 595 | 19200 | | | | | | | | | |
| | 5.0 | 597 | | 3.0 | 559 | 19200 | | | | | | | | | |
| | 6.6 | 454 | | 2.9 | 425 | 19200 | | | | | | | | | |
| | 7.8 | 381 | | 2.9 | 357 | 19200 | | | | | | | | | |
| | | 614/10 | | 2.4 | 1253 | 0.8 | 377 | 14400 | | | | | | | |
| | 2.5 | | 1186 | 0.9 | 357 | 14400 | | | | | | | | | |
| | 2.8 | | 1060 | 1.0 | 319 | 14400 | | | | | | | | | |
| | 3.3 | | 907 | 1.1 | 273 | 14400 | | | | | | | | | |
| | 3.9 | | 768 | 1.3 | 231 | 14400 | | | | | | | | | |
| | 4.6 | | 648 | 1.6 | 195 | 14400 | | | | | | | | | |
| | 5.5 | | 548 | 1.8 | 165 | 14400 | | | | | | | | | |
| | 6.3 | | 475 | 2.1 | 143 | 14400 | | | | | | | | | |
| | 7.4 | | 402 | 2.5 | 121 | 14400 | | | | | | | | | |
| | 8.7 | | 346 | 2.9 | 104 | 14400 | | | | | | | | | |
| | 71M4B / 71M4C | | 2.5 | 1194 | 0.8 | 559 | 14400 | 59 | 57 | 59 | 56 | 52 | 50 | 282-283 | |
| 2.7 | | | 1122 | 0.9 | 525 | 14400 | | | | | | | | | |
| 3.0 | | | 1010 | 1.0 | 473 | 14400 | | | | | | | | | |
| 3.3 | | | 908 | 1.1 | 425 | 14400 | | | | | | | | | |
| 3.7 | | | 805 | 1.3 | 377 | 14400 | | | | | | | | | |
| 3.9 | | 763 | 1.3 | 357 | 14400 | | | | | | | | | | |
| 4.4 | | 681 | 1.5 | 319 | 14400 | | | | | | | | | | |
| 5.1 | | 583 | 1.7 | 273 | 14400 | | | | | | | | | | |
| 6.1 | | 493 | 2.0 | 231 | 14400 | | | | | | | | | | |
| 7.2 | | 417 | 2.4 | 195 | 14400 | | | | | | | | | | |
| 8.5 | 352 | 2.9 | 165 | 14400 | | | | | | | | | | | |
| | 71M2A | 3.8 | 781 | 1.3 | 731 | 14400 | 59 | 57 | 59 | 56 | 52 | 50 | 282-283 | | |
| 4.3 | | 693 | 1.5 | 649 | 14400 | | | | | | | | | | |
| 4.7 | | 636 | 1.6 | 595 | 14400 | | | | | | | | | | |
| 5.0 | | 597 | 1.7 | 559 | 14400 | | | | | | | | | | |
| 5.3 | | 561 | 1.8 | 525 | 14400 | | | | | | | | | | |
| 5.9 | | 505 | 2.0 | 473 | 14400 | | | | | | | | | | |
| 6.6 | | 454 | 2.2 | 425 | 14400 | | | | | | | | | | |
| 7.4 | | 403 | 2.5 | 377 | 14400 | | | | | | | | | | |
| 7.8 | | 381 | 2.6 | 357 | 14400 | | | | | | | | | | |
| 8.8 | | 341 | 3.0 | 319 | 14400 | | | | | | | | | | |
| | 614/09 | 2.4 | 1253 | 0.8 | 377 | 14400 | 80M6A | 62 | 60 | 62 | 59 | 55 | 53 | 278-279 | |
| 2.5 | | 1186 | 0.9 | 357 | 14400 | | | | | | | | | | |
| 2.8 | | 1060 | 1.0 | 319 | 14400 | | | | | | | | | | |
| 3.3 | | 907 | 1.1 | 273 | 14400 | | | | | | | | | | |
| 3.9 | | 768 | 1.3 | 231 | 14400 | | | | | | | | | | |
| 4.6 | | 648 | 1.6 | 195 | 14400 | | | | | | | | | | |
| 5.5 | | 548 | 1.8 | 165 | 14400 | | | | | | | | | | |
| 6.3 | | 475 | 2.1 | 143 | 14400 | | | | | | | | | | |
| 7.4 | | 402 | 2.5 | 121 | 14400 | | | | | | | | | | |
| 8.7 | | 346 | 2.7 | 104 | 14400 | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|----|----|----|----|---------|---|-------|----|----|----|----|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | |
| 0.37 | 614/09 | 2.5 | 1194 | 0.8 | 559 | 14400 | 71M4B / 71M4C | 58 | 57 | 58 | 56 | 51 | 50 | 278-279 | | | | | |
| | | 2.7 | 1122 | 0.9 | 525 | 14400 | | | | | | | | | | | | | |
| | | 3.0 | 1010 | 1.0 | 473 | 14400 | | | | | | | | | | | | | |
| | | 3.3 | 908 | 1.1 | 425 | 14400 | | | | | | | | | | | | | |
| | | 3.7 | 805 | 1.3 | 377 | 14400 | | | | | | | | | | | | | |
| | | 3.9 | 763 | 1.3 | 357 | 14400 | | | | | | | | | | | | | |
| | | 4.4 | 681 | 1.5 | 319 | 14400 | | | | | | | | | | | | | |
| | | 5.1 | 583 | 1.7 | 273 | 14400 | | | | | | | | | | | | | |
| | | 6.1 | 493 | 2.0 | 231 | 14400 | | | | | | | | | | | | | |
| | | 7.2 | 417 | 2.4 | 195 | 14400 | | | | | | | | | | | | | |
| | | 8.5 | 352 | 2.9 | 165 | 14400 | | | | | | | | | | | | | |
| | | 3.8 | 781 | 1.3 | 731 | 14400 | | | | | | | | | | | | | |
| | | 4.3 | 693 | 1.5 | 649 | 14400 | | | | | | | | | | | | | |
| | | 4.7 | 636 | 1.6 | 595 | 14400 | | | | | | | | | | | | | |
| | | 5.0 | 597 | 1.7 | 559 | 14400 | | | | | | | | | | | | | |
| | | 5.3 | 561 | 1.8 | 525 | 14400 | | | | | | | | | | | | | |
| | | 5.9 | 505 | 2.0 | 473 | 14400 | | | | | | | | | | | | | |
| | | 6.6 | 454 | 2.2 | 425 | 14400 | | | | | | | | | | | | | |
| | 7.4 | 403 | 2.5 | 377 | 14400 | | | | | | | | | | | | | | |
| | 7.8 | 381 | 2.6 | 357 | 14400 | | | | | | | | | | | | | | |
| | 8.8 | 341 | 3.0 | 319 | 14400 | | | | | | | | | | | | | | |
| | 614/08 | 71M4B / 71M4C | 2.5 | 1194 | 0.8 | 559 | 14400 | 53 | 53 | 52 | 52 | 46 | 46 | 274-275 | | | | | |
| | | | 2.7 | 1122 | 0.9 | 525 | 14400 | | | | | | | | | | | | |
| | | | 3.0 | 1010 | 1.0 | 473 | 14400 | | | | | | | | | | | | |
| | | | 3.3 | 908 | 1.1 | 425 | 14400 | | | | | | | | | | | | |
| | | | 3.7 | 805 | 1.1 | 377 | 14400 | | | | | | | | | | | | |
| | | | 3.9 | 763 | 1.1 | 357 | 14400 | | | | | | | | | | | | |
| | | | 4.4 | 681 | 1.1 | 319 | 14400 | | | | | | | | | | | | |
| | | | 5.1 | 583 | 1.1 | 273 | 14400 | | | | | | | | | | | | |
| | | | 6.1 | 493 | 1.1 | 231 | 14400 | | | | | | | | | | | | |
| | | | 7.2 | 417 | 1.1 | 195 | 14400 | | | | | | | | | | | | |
| | | | 8.5 | 352 | 1.1 | 165 | 14400 | | | | | | | | | | | | |
| | | | 9.8 | 305 | 1.1 | 143 | 14400 | | | | | | | | | | | | |
| | | | 11.6 | 258 | 1.1 | 121 | 14400 | | | | | | | | | | | | |
| | | | 13.5 | 222 | 1.1 | 104 | 14400 | | | | | | | | | | | | |
| | | | 71M2A | 3.8 | 781 | 1.1 | 731 | | | | | | | | 14400 | 53 | 53 | 52 | 52 |
| | | 4.3 | | 693 | 1.1 | 649 | 14400 | | | | | | | | | | | | |
| | | 4.7 | | 636 | 1.1 | 595 | 14400 | | | | | | | | | | | | |
| | | 5.0 | | 597 | 1.1 | 559 | 14400 | | | | | | | | | | | | |
| | | 5.3 | | 561 | 1.1 | 525 | 14400 | | | | | | | | | | | | |
| | | 5.9 | | 505 | 1.1 | 473 | 14400 | | | | | | | | | | | | |
| | | 6.6 | | 454 | 1.1 | 425 | 14400 | | | | | | | | | | | | |
| | | 7.4 | | 403 | 1.1 | 377 | 14400 | | | | | | | | | | | | |
| | | 7.8 | | 381 | 1.1 | 357 | 14400 | | | | | | | | | | | | |
| | | 8.8 | | 341 | 1.1 | 319 | 14400 | | | | | | | | | | | | |
| | | 10.3 | | 292 | 1.1 | 273 | 14400 | | | | | | | | | | | | |
| | | 12.1 | | 247 | 1.1 | 231 | 14400 | | | | | | | | | | | | |
| | | 14.4 | | 208 | 1.1 | 195 | 14400 | | | | | | | | | | | | |
| 17.0 | | 176 | | 1.1 | 165 | 14400 | | | | | | | | | | | | | |
| 19.6 | | 153 | | 1.1 | 143 | 14400 | | | | | | | | | | | | | |
| 23.1 | | 129 | 1.1 | 121 | 14400 | | | | | | | | | | | | | | |
| 26.9 | 111 | 1.1 | 104 | 14400 | | | | | | | | | | | | | | | |
| 613/10 | 80M6A | 3.3 | 907 | 0.8 | 273 | 12900 | 63 | 60 | 63 | 59 | 56 | 53 | 270-271 | | | | | | |
| | | 3.9 | 768 | 1.0 | 231 | 12900 | | | | | | | | | | | | | |
| | | 4.6 | 648 | 1.2 | 195 | 12900 | | | | | | | | | | | | | |
| | | 5.5 | 548 | 1.4 | 165 | 12900 | | | | | | | | | | | | | |
| | | 6.3 | 475 | 1.6 | 143 | 12900 | | | | | | | | | | | | | |
| | | 7.4 | 402 | 1.9 | 121 | 12900 | | | | | | | | | | | | | |
| | 8.7 | 346 | 2.2 | 104 | 12900 | | | | | | | | | | | | | | |
| | 71M4B / 71M4C | 3.3 | 908 | 0.8 | 425 | 12900 | 59 | 57 | 59 | 56 | 52 | 50 | 270-271 | | | | | | |
| | | 3.7 | 805 | 0.9 | 377 | 12900 | | | | | | | | | | | | | |
| | | 3.9 | 763 | 1.0 | 357 | 12900 | | | | | | | | | | | | | |
| | | 4.4 | 681 | 1.1 | 319 | 12900 | | | | | | | | | | | | | |
| | | 5.1 | 583 | 1.3 | 273 | 12900 | | | | | | | | | | | | | |
| | | 6.1 | 493 | 1.5 | 231 | 12900 | | | | | | | | | | | | | |
| | | 7.2 | 417 | 1.8 | 195 | 12900 | | | | | | | | | | | | | |
| | | 8.5 | 352 | 2.1 | 165 | 12900 | | | | | | | | | | | | | |
| | | 9.8 | 305 | 2.5 | 143 | 12900 | | | | | | | | | | | | | |
| | | 11.6 | 258 | 2.9 | 121 | 12900 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|---------------|----|----|----|----|----|---|---------|---------------|-------|----|----|----|----|----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | | |
| 0.37 | 613/10 | 3.8 | 781 | 1.0 | 731 | 12900 | 71M2A | 59 | 57 | 59 | 56 | 52 | 50 | 270-271 | | | | | | | | | | |
| | | 4.3 | 693 | 1.1 | 649 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 4.7 | 636 | 1.2 | 595 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 5.0 | 597 | 1.3 | 559 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 5.3 | 561 | 1.3 | 525 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 5.9 | 505 | 1.5 | 473 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 6.6 | 454 | 1.6 | 425 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 403 | 1.9 | 377 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 7.8 | 381 | 2.0 | 357 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 8.8 | 341 | 2.2 | 319 | 12900 | | | | | | | | | | | | | | | | | | |
| | 10.3 | 292 | 2.6 | 273 | 12900 | | | | | | | | | | | | | | | | | | | |
| | 613/09 | 613/09 | 3.3 | 907 | 0.8 | 273 | 12900 | 80M6A | 62 | 60 | 62 | 59 | 55 | 53 | 266-267 | | | | | | | | | |
| | | | 3.9 | 768 | 1.0 | 231 | 12900 | | | | | | | | | | | | | | | | | |
| | | | 4.6 | 648 | 1.2 | 195 | 12900 | | | | | | | | | | | | | | | | | |
| | | | 5.5 | 548 | 1.4 | 165 | 12900 | | | | | | | | | | | | | | | | | |
| | | | 6.3 | 475 | 1.6 | 143 | 12900 | | | | | | | | | | | | | | | | | |
| | | | 7.4 | 402 | 1.9 | 121 | 12900 | | | | | | | | | | | | | | | | | |
| | | | 8.7 | 346 | 2.2 | 104 | 12900 | | | | | | | | | | | | | | | | | |
| | | | 3.3 | 908 | 0.8 | 425 | 12900 | | | | | | | | | 71M4B / 71M4C | 58 | 57 | 58 | 56 | 51 | 50 | 266-267 | |
| | | | 3.7 | 805 | 0.9 | 377 | 12900 | | | | | | | | | | | | | | | | | |
| | | | 3.9 | 763 | 1.0 | 357 | 12900 | | | | | | | | | | | | | | | | | |
| | 4.4 | 681 | 1.1 | 319 | 12900 | | | | | | | | | | | | | | | | | | | |
| | 5.1 | 583 | 1.3 | 273 | 12900 | | | | | | | | | | | | | | | | | | | |
| | 6.1 | 493 | 1.5 | 231 | 12900 | | | | | | | | | | | | | | | | | | | |
| | 7.2 | 417 | 1.8 | 195 | 12900 | | | | | | | | | | | | | | | | | | | |
| | 8.5 | 352 | 2.1 | 165 | 12900 | | | | | | | | | | | | | | | | | | | |
| | 9.8 | 305 | 2.5 | 143 | 12900 | | | | | | | | | | | | | | | | | | | |
| | 11.6 | 258 | 2.9 | 121 | 12900 | | | | | | | | | | | | | | | | | | | |
| | 613/08 | 613/08 | 3.8 | 781 | 1.0 | 731 | 12900 | 71M2A | 58 | 57 | 58 | 56 | 51 | 50 | 266-267 | | | | | | | | | |
| | | | 4.3 | 693 | 1.1 | 649 | 12900 | | | | | | | | | | | | | | | | | |
| | | | 4.7 | 636 | 1.2 | 595 | 12900 | | | | | | | | | | | | | | | | | |
| | | | 5.0 | 597 | 1.3 | 559 | 12900 | | | | | | | | | | | | | | | | | |
| | | | 5.3 | 561 | 1.3 | 525 | 12900 | | | | | | | | | | | | | | | | | |
| | | | 5.9 | 505 | 1.5 | 473 | 12900 | | | | | | | | | | | | | | | | | |
| | | | 6.6 | 454 | 1.6 | 425 | 12900 | | | | | | | | | | | | | | | | | |
| | | | 7.4 | 403 | 1.9 | 377 | 12900 | | | | | | | | | | | | | | | | | |
| | | | 7.8 | 381 | 2.0 | 357 | 12900 | | | | | | | | | | | | | | | | | |
| | | | 8.8 | 341 | 2.2 | 319 | 12900 | | | | | | | | | | | | | | | | | |
| | 10.3 | 292 | 2.6 | 273 | 12900 | | | | | | | | | | | | | | | | | | | |
| | 613/08 | 613/08 | 3.3 | 908 | 0.8 | 425 | 12900 | 71M4B / 71M4C | 54 | 53 | 53 | 52 | 47 | 46 | 262-263 | | | | | | | | | |
| | | | 3.7 | 805 | 0.9 | 377 | 12900 | | | | | | | | | | | | | | | | | |
| | | | 3.9 | 763 | 1.0 | 357 | 12900 | | | | | | | | | | | | | | | | | |
| 4.4 | | | 681 | 1.1 | 319 | 12900 | | | | | | | | | | | | | | | | | | |
| 5.1 | | | 583 | 1.1 | 273 | 12900 | | | | | | | | | | | | | | | | | | |
| 6.1 | | | 493 | 1.1 | 231 | 12900 | | | | | | | | | | | | | | | | | | |
| 7.2 | | | 417 | 1.1 | 195 | 12900 | | | | | | | | | | | | | | | | | | |
| 8.5 | | | 352 | 1.1 | 165 | 12900 | | | | | | | | | | | | | | | | | | |
| 9.8 | | | 305 | 1.1 | 143 | 12900 | | | | | | | | | | | | | | | | | | |
| 11.6 | | | 258 | 1.1 | 121 | 12900 | | | | | | | | | | | | | | | | | | |
| 13.5 | 222 | 1.1 | 104 | 12900 | | | | | | | | | | | | | | | | | | | | |
| 613/08 | 613/08 | 3.8 | 781 | 1.0 | 731 | 12900 | 71M2A | 54 | 53 | 53 | 52 | 47 | 46 | 262-263 | | | | | | | | | | |
| | | 4.3 | 693 | 1.1 | 649 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 4.7 | 636 | 1.1 | 595 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 5.0 | 597 | 1.1 | 559 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 5.3 | 561 | 1.1 | 525 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 5.9 | 505 | 1.1 | 473 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 6.6 | 454 | 1.1 | 425 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 403 | 1.1 | 377 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 7.8 | 381 | 1.1 | 357 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 8.8 | 341 | 1.1 | 319 | 12900 | | | | | | | | | | | | | | | | | | |
| 10.3 | 292 | 1.1 | 273 | 12900 | | | | | | | | | | | | | | | | | | | | |
| 613/08 | 613/08 | 12.1 | 247 | 1.1 | 231 | 12900 | 71M2A | 54 | 53 | 53 | 52 | 47 | 46 | 262-263 | | | | | | | | | | |
| | | 14.4 | 208 | 1.1 | 195 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 17.0 | 176 | 1.1 | 165 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 19.6 | 153 | 1.1 | 143 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 23.1 | 129 | 1.1 | 121 | 12500 | | | | | | | | | | | | | | | | | | |
| | | 26.9 | 111 | 1.1 | 104 | 11900 | | | | | | | | | | | | | | | | | | |
| | | 613 | 613 | 10.3 | 314 | 2.6 | | | | | | | | | 87 | 12900 | 80M6A | 63 | 57 | 62 | 56 | 56 | 50 | 188-189 |
| | | 612 | 612 | 10.3 | 314 | 1.8 | | | | | | | | | 87 | 9620 | 80M6A | 44 | 40 | 42 | 38 | 39 | 35 | 184-185 |
| | | | | 12.7 | 256 | 2.1 | | | | | | | | | 71 | 9620 | | | | | | | | |
| | | | | 15.3 | 213 | 2.6 | | | | | | | | | 59 | 9620 | | | | | | | | |
| 17.6 | 184 | | | 3.0 | 51 | 9620 | | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | kg ~ | | | | | |  mm | | |
|------------------------|---|---|---|---|---|--|--|--|----------------------|----|----|----|----|---|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | |
| 0.37 | 612 | 16.1 19.7 | 202 165 | 2.5 2.8 | 87 71 | 9620 9620 | 71M4B / 71M4C | 41 | 35 | 39 | 33 | 36 | 30 | 184-185 | | |
| | | 32.2 39.4 | 101 82 | 2.5 2.8 | 87 71 | 9620 9010 | 71M2A | 41 | 35 | 39 | 33 | 36 | 30 | 184-185 | | |
| | 611/09 | 5.5 6.3 7.4 8.7 | 548 475 402 346 | 0.9 1.1 1.2 1.4 | 165 143 121 104 | 8460 8460 8460 8460 | 80M6A | 47 | 44 | 46 | 43 | 43 | 40 | 258-259 | | |
| | | 5.1 6.1 7.2 8.5 9.8 11.6 13.5 | 583 493 417 352 305 258 222 | 0.9 1.0 1.2 1.4 1.6 1.9 2.1 | 273 231 195 165 143 121 104 | 8460 8460 8460 8460 8460 8460 8460 | 71M4B / 71M4C | 43 | 41 | 42 | 40 | 39 | 37 | 258-259 | | |
| | | 5.0 5.3 5.9 6.6 7.4 7.8 8.8 10.3 12.1 17.0 19.6 23.1 26.9 | 597 561 505 454 403 381 341 292 247 176 153 129 111 | 0.8 0.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 | 559 525 473 425 377 357 319 273 231 165 143 121 104 | 8460 8460 8460 8460 8460 8460 8460 8460 8460 8460 8460 8460 8460 | 71M2A | 43 | 41 | 42 | 40 | 39 | 37 | 258-259 | | |
| | | 5.1 6.1 7.2 8.5 9.8 11.6 13.5 | 583 493 417 352 305 258 222 | 0.9 1.0 1.0 1.0 1.0 1.0 1.0 | 273 231 195 165 143 121 104 | 8460 8460 8460 8460 8460 8460 8460 | 71M4B / 71M4C | 37 | 37 | 36 | 36 | 33 | 33 | 254-255 | | |
| | | 611/08 | 5.0 5.3 5.9 6.6 7.4 7.8 8.8 10.3 12.1 17.0 19.6 23.1 26.9 | 597 561 505 454 403 381 341 292 247 176 153 129 111 | 0.8 0.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 | 559 525 473 425 377 357 319 273 231 165 143 121 104 | 8460 8460 8460 8460 8460 8460 8460 8460 8460 8460 8460 8460 8460 | 71M2A | 37 | 37 | 36 | 36 | 33 | 33 | 254-255 | |
| | | | 10.3 12.7 15.3 17.6 | 314 256 213 184 | 1.8 2.0 2.5 3.0 | 87 71 59 51 | 8460 8460 8460 8460 | 80M6A | 43 | 39 | 42 | 38 | 39 | 35 | 180-181 | |
| | | | 16.1 19.7 | 202 165 | 2.5 2.6 | 87 71 | 8460 8460 | 71M4B / 71M4C | 40 | 34 | 39 | 33 | 36 | 30 | 180-181 | |
| | | | 32.2 39.4 | 101 82 | 2.5 2.6 | 87 71 | 8460 8460 | 71M2A | 40 | 34 | 39 | 33 | 36 | 30 | 180-181 | |
| | | | 611 | 13.5 | 222 | 0.9 | 104 | 5290 | 71M4B / 71M4C | 27 | 26 | 25 | 24 | 24 | 23 | 250-251 |
| | | | | 10.3 12.1 14.4 17.0 19.6 23.1 26.9 | 292 247 208 176 153 129 111 | 0.9 1.0 1.0 1.0 1.0 1.0 1.0 | 273 231 195 165 143 121 104 | 5290 5290 5290 5290 5290 5290 5290 | 71M2A | 27 | 26 | 25 | 24 | 24 | 23 | 250-251 |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |




| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|-----|-----|-----|-----|-----|---|
| | | | | | | | | HC | HX | VC | VX | FC | FX | |
| 0.37 | 610 | 10.3 | 314 | 0.9 | 87 | 5290 | 80M6A | 30 | 27 | 28 | 25 | 27 | 24 | 176-177 |
| | | 12.7 | 256 | 1.0 | 71 | 5290 | | | | | | | | |
| | | 15.3 | 213 | 1.2 | 59 | 5290 | | | | | | | | |
| | | 17.6 | 184 | 1.4 | 51 | 5290 | | | | | | | | |
| | | 20.9 | 155 | 1.8 | 43 | 5290 | | | | | | | | |
| | | 25.7 | 126 | 2.1 | 35 | 5290 | | | | | | | | |
| | 31.0 | 105 | 2.6 | 29 | 5290 | | | | | | | | | |
| | 610 | 71M4B / 71M4C | 16.1 | 202 | 1.3 | 87 | 5290 | 26 | 24 | 24 | 22 | 23 | 21 | 176-177 |
| | | | 19.7 | 165 | 1.3 | 71 | 5290 | | | | | | | |
| | | | 23.7 | 137 | 1.6 | 59 | 5290 | | | | | | | |
| | | | 27.5 | 118 | 1.8 | 51 | 5290 | | | | | | | |
| | | | 32.6 | 100 | 2.5 | 43 | 5290 | | | | | | | |
| | | | 40.0 | 81 | 2.8 | 35 | 5290 | | | | | | | |
| | 610 | 71M2A | 32.2 | 101 | 1.3 | 87 | 5290 | 26 | 24 | 24 | 22 | 23 | 21 | 176-177 |
| | | | 39.4 | 82 | 1.3 | 71 | 5290 | | | | | | | |
| | | | 47.5 | 68 | 1.6 | 59 | 5290 | | | | | | | |
| | | | 54.9 | 59 | 1.8 | 51 | 5290 | | | | | | | |
| | | | 65.1 | 50 | 2.5 | 43 | 5290 | | | | | | | |
| | | | 80.0 | 41 | 2.8 | 35 | 5290 | | | | | | | |
| | 609 | 80M6A | 20.9 | 155 | 0.9 | 43 | 3280 | 29 | 25 | 27 | 23 | 26 | 22 | 172-173 |
| | | | 25.7 | 126 | 1.1 | 35 | 3280 | | | | | | | |
| | | | 31.0 | 105 | 1.3 | 29 | 3280 | | | | | | | |
| | | | 36.0 | 90 | 1.5 | 25 | 3280 | | | | | | | |
| | | | 42.9 | 76 | 1.8 | 21 | 3280 | | | | | | | |
| 52.9 | | | 61 | 2.2 | 17 | 3280 | | | | | | | | |
| 60.0 | | | 54 | 2.3 | 15 | 3280 | | | | | | | | |
| 69.2 | | | 47 | 2.4 | 13 | 3280 | | | | | | | | |
| 81.8 | | | 40 | 2.5 | 11 | 3280 | | | | | | | | |
| 112.5 | | 29 | 2.7 | 8 | 3190 | | | | | | | | | |
| 150.0 | | 22 | 2.7 | 6 | 2890 | | | | | | | | | |
| 609 | | 71M4B / 71M4C | 23.7 | 137 | 0.9 | 59 | 3280 | 25 | 22 | 23 | 20 | 22 | 19 | 172-173 |
| | | | 27.5 | 118 | 1.0 | 51 | 3280 | | | | | | | |
| | | | 32.6 | 100 | 1.3 | 43 | 3280 | | | | | | | |
| | | | 40.0 | 81 | 1.5 | 35 | 3280 | | | | | | | |
| | | | 48.3 | 67 | 1.8 | 29 | 3280 | | | | | | | |
| | | | 56.0 | 58 | 2.0 | 25 | 3280 | | | | | | | |
| | | | 66.7 | 49 | 2.6 | 21 | 3280 | | | | | | | |
| | 82.4 | | 39 | 2.9 | 17 | 3280 | | | | | | | | |
| | 609 | | 71M2A | 47.5 | 68 | 0.9 | 59 | | | | | | | |
| 54.9 | | 59 | | 1.0 | 51 | 3280 | | | | | | | | |
| 65.1 | | 50 | | 1.3 | 43 | 3280 | | | | | | | | |
| 80.0 | | 41 | | 1.5 | 35 | 3280 | | | | | | | | |
| 96.6 | | 34 | | 1.8 | 29 | 3280 | | | | | | | | |
| 112.0 | | 29 | | 2.0 | 25 | 3230 | | | | | | | | |
| 133.3 | | 24 | | 2.6 | 21 | 3040 | | | | | | | | |
| 164.7 | | 20 | | 2.9 | 17 | 2830 | | | | | | | | |
| 608 | | 71M4B / 71M4C | | 66.7 | 49 | 1.1 | 21 | 1740 | 15 | 14 | 17 | 16 | 15 | 14 |
| | 82.4 | | 39 | 1.1 | 17 | 1740 | | | | | | | | |
| | 93.3 | | 35 | 1.1 | 15 | 1740 | | | | | | | | |
| | 107.7 | | 30 | 1.1 | 13 | 1740 | | | | | | | | |
| | 127.3 | | 26 | 1.1 | 11 | 1650 | | | | | | | | |
| | 175.0 | | 19 | 1.1 | 8 | 1480 | | | | | | | | |
| | 233.3 | 14 | 1.1 | 6 | 1340 | | | | | | | | | |
| | 608 | 71M2A | 133.3 | 24 | 1.1 | 21 | 1630 | 15 | 14 | 17 | 16 | 15 | 14 | 168-169 |
| | | | 164.7 | 20 | 1.1 | 17 | 1510 | | | | | | | |
| | | | 186.7 | 17 | 1.1 | 15 | 1450 | | | | | | | |
| | | | 215.4 | 15 | 1.1 | 13 | 1380 | | | | | | | |
| | | | 254.5 | 13 | 1.1 | 11 | 1300 | | | | | | | |
| 350.0 | | | 9 | 1.1 | 8 | 1180 | | | | | | | | |
| 466.7 | 7 | 1.1 | 6 | 1070 | | | | | | | | | | |
| 0.55 | 620/13 | 1.2 | 3611 | 2.3 | 731 | 67800 | 80M6B | 295 | 287 | 283 | 275 | 268 | 260 | 330-331 |
| | | 1.4 | 3206 | 2.6 | 649 | 67800 | | | | | | | | |
| | 620/11 | 1.2 | 3611 | 2.3 | 731 | 67800 | 80M6B | 280 | 277 | 268 | 265 | 253 | 250 | 326-327 |
| | | 1.4 | 3206 | 2.6 | 649 | 67800 | | | | | | | | |
| | 619/13 | 1.2 | 3611 | 2.0 | 731 | 51000 | 80M6B | 270 | 264 | 255 | 249 | 225 | 219 | 322-323 |
| | | 1.4 | 3206 | 2.2 | 649 | 51000 | | | | | | | | |
| | | 1.5 | 2939 | 2.4 | 595 | 51000 | | | | | | | | |
| | | 1.6 | 2761 | 2.6 | 559 | 51000 | | | | | | | | |
| | | | 1.7 | 2593 | 2.7 | 525 | 51000 | | | | | | | |




| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|-------|---------------|-----|-----|-----|-----|---|---------|---------|---------------|-----|-----|-----|-----|-----|-----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | | |
| 0.55 | 619/11 | 1.2 | 3611 | 2.0 | 731 | 51000 | 80M6B | 259 | 257 | 244 | 242 | 214 | 212 | 318-319 | | | | | | | | | | |
| | | 1.4 | 3206 | 2.2 | 649 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 1.5 | 2939 | 2.4 | 595 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 1.6 | 2761 | 2.6 | 559 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 1.7 | 2593 | 2.7 | 525 | 51000 | | | | | | | | | | | | | | | | | | |
| | 618/13 | 618/13 | 1.2 | 3611 | 1.1 | 731 | 36600 | 80M6B | 205 | 197 | 192 | 184 | 172 | 164 | 314-315 | | | | | | | | | |
| | | | 1.4 | 3206 | 1.2 | 649 | 36600 | | | | | | | | | | | | | | | | | |
| | | | 1.5 | 2939 | 1.4 | 595 | 36600 | | | | | | | | | | | | | | | | | |
| | | | 1.6 | 2761 | 1.4 | 559 | 36600 | | | | | | | | | | | | | | | | | |
| | | | 1.7 | 2593 | 1.5 | 525 | 36600 | | | | | | | | | | | | | | | | | |
| | | | 1.9 | 2336 | 1.7 | 473 | 36600 | | | | | | | | | | | | | | | | | |
| | | | 2.1 | 2099 | 1.9 | 425 | 36600 | | | | | | | | | | | | | | | | | |
| | | | 2.4 | 1862 | 2.1 | 377 | 36600 | | | | | | | | | | | | | | | | | |
| | | 2.5 | 1763 | 2.3 | 357 | 36600 | | | | | | | | | | | | | | | | | | |
| | | 2.8 | 1576 | 2.5 | 319 | 36600 | | | | | | | | | | | | | | | | | | |
| | | 3.3 | 1349 | 3.0 | 273 | 36600 | | | | | | | | | | | | | | | | | | |
| | | 618/10 | 618/10 | 1.9 | 2321 | 1.7 | 731 | 36600 | 80M4B / 80M4C | 205 | 197 | 192 | 184 | 172 | 164 | 314-315 | | | | | | | | |
| | | | | 2.2 | 2061 | 1.9 | 649 | 36600 | | | | | | | | | | | | | | | | |
| | 2.4 | | | 1889 | 2.1 | 595 | 36600 | | | | | | | | | | | | | | | | | |
| | 2.5 | | | 1775 | 2.2 | 559 | 36600 | | | | | | | | | | | | | | | | | |
| | 2.7 | | | 1667 | 2.4 | 525 | 36600 | | | | | | | | | | | | | | | | | |
| | 3.0 | 1502 | 2.6 | 473 | 36600 | | | | | | | | | | | | | | | | | | | |
| | 3.3 | 1350 | 2.9 | 425 | 36600 | | | | | | | | | | | | | | | | | | | |
| | 617/11 | 618/10 | 1.2 | 3611 | 1.1 | 731 | 36600 | 80M6B | 183 | 190 | 170 | 177 | 150 | 157 | 310-311 | | | | | | | | | |
| | | | 1.4 | 3206 | 1.2 | 649 | 36600 | | | | | | | | | | | | | | | | | |
| | | | 1.5 | 2939 | 1.4 | 595 | 36600 | | | | | | | | | | | | | | | | | |
| | | | 1.6 | 2761 | 1.4 | 559 | 36600 | | | | | | | | | | | | | | | | | |
| | | | 1.7 | 2593 | 1.5 | 525 | 36600 | | | | | | | | | | | | | | | | | |
| | | | 1.9 | 2336 | 1.7 | 473 | 36600 | | | | | | | | | | | | | | | | | |
| | | | 2.1 | 2099 | 1.9 | 425 | 36600 | | | | | | | | | | | | | | | | | |
| | | 2.4 | 1862 | 2.1 | 377 | 36600 | | | | | | | | | | | | | | | | | | |
| | | 2.5 | 1763 | 2.3 | 357 | 36600 | | | | | | | | | | | | | | | | | | |
| | | 2.8 | 1576 | 2.5 | 319 | 36600 | | | | | | | | | | | | | | | | | | |
| | | 3.3 | 1349 | 3.0 | 273 | 36600 | | | | | | | | | | | | | | | | | | |
| | | 617/11 | 617/11 | 1.9 | 2321 | 1.7 | 731 | 36600 | 80M4B / 80M4C | 183 | 190 | 170 | 177 | 150 | 157 | 310-311 | | | | | | | | |
| | | | | 2.2 | 2061 | 1.9 | 649 | 36600 | | | | | | | | | | | | | | | | |
| | | | | 2.4 | 1889 | 2.1 | 595 | 36600 | | | | | | | | | | | | | | | | |
| | 2.5 | | | 1775 | 2.2 | 559 | 36600 | | | | | | | | | | | | | | | | | |
| | 2.7 | | | 1667 | 2.4 | 525 | 36600 | | | | | | | | | | | | | | | | | |
| | 3.0 | | | 1502 | 2.6 | 473 | 36600 | | | | | | | | | | | | | | | | | |
| | 3.3 | | | 1350 | 2.9 | 425 | 36600 | | | | | | | | | | | | | | | | | |
| | 617/11 | 617/11 | 1.4 | 3206 | 0.8 | 649 | 27000 | 80M6B | 149 | 143 | 149 | 143 | 120 | 114 | 306-307 | | | | | | | | | |
| 1.5 | | | 2939 | 0.9 | 595 | 27000 | | | | | | | | | | | | | | | | | | |
| 1.6 | | | 2761 | 1.0 | 559 | 27000 | | | | | | | | | | | | | | | | | | |
| 1.7 | | | 2593 | 1.0 | 525 | 27000 | | | | | | | | | | | | | | | | | | |
| 1.9 | | | 2336 | 1.2 | 473 | 27000 | | | | | | | | | | | | | | | | | | |
| 2.1 | | | 2099 | 1.3 | 425 | 27000 | | | | | | | | | | | | | | | | | | |
| 2.4 | | | 1862 | 1.4 | 377 | 27000 | | | | | | | | | | | | | | | | | | |
| 2.5 | | | 1763 | 1.5 | 357 | 27000 | | | | | | | | | | | | | | | | | | |
| 2.8 | | | 1576 | 1.7 | 319 | 27000 | | | | | | | | | | | | | | | | | | |
| 3.3 | | | 1349 | 2.0 | 273 | 27000 | | | | | | | | | | | | | | | | | | |
| 3.9 | | | 1141 | 2.4 | 231 | 27000 | | | | | | | | | | | | | | | | | | |
| 4.6 | | | 963 | 2.8 | 195 | 27000 | | | | | | | | | | | | | | | | | | |
| 617/11 | | | 617/11 | 1.9 | 2321 | 1.2 | 731 | | | | | | | | | 27000 | 80M4B / 80M4C | 149 | 143 | 149 | 143 | 120 | 114 | 306-307 |
| | | | | 2.2 | 2061 | 1.3 | 649 | | | | | | | | | 27000 | | | | | | | | |
| | 2.4 | 1889 | | 1.4 | 595 | 27000 | | | | | | | | | | | | | | | | | | |
| | 2.5 | 1775 | | 1.5 | 559 | 27000 | | | | | | | | | | | | | | | | | | |
| | 2.7 | 1667 | | 1.6 | 525 | 27000 | | | | | | | | | | | | | | | | | | |
| | 3.0 | 1502 | | 1.8 | 473 | 27000 | | | | | | | | | | | | | | | | | | |
| | 3.3 | 1350 | | 2.0 | 425 | 27000 | | | | | | | | | | | | | | | | | | |
| 3.7 | 1197 | 2.2 | 377 | 27000 | | | | | | | | | | | | | | | | | | | | |
| 3.9 | 1134 | 2.4 | 357 | 27000 | | | | | | | | | | | | | | | | | | | | |
| 4.4 | 1013 | 2.7 | 319 | 27000 | | | | | | | | | | | | | | | | | | | | |
| 617/11 | 617/11 | 3.8 | 1161 | 2.3 | 731 | 27000 | 71M2B | 146 | 138 | 146 | 138 | 117 | 109 | 306-307 | | | | | | | | | | |
| | | 4.3 | 1030 | 2.6 | 649 | 27000 | | | | | | | | | | | | | | | | | | |
| | | 4.7 | 945 | 2.8 | 595 | 27000 | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | kg ~ | | | | | | mm | |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|---------------|---------------|-----|-----|-----|-----|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | |
| 0.55 | 617/10 | 1.4 | 3206 | 0.8 | 649 | 27000 | 80M6B | 139 | 135 | 139 | 135 | 110 | 106 | 302-303 | |
| | | 1.5 | 2939 | 0.9 | 595 | 27000 | | | | | | | | | |
| | | 1.6 | 2761 | 1.0 | 559 | 27000 | | | | | | | | | |
| | | 1.7 | 2593 | 1.0 | 525 | 27000 | | | | | | | | | |
| | | 1.9 | 2336 | 1.2 | 473 | 27000 | | | | | | | | | |
| | | 2.1 | 2099 | 1.3 | 425 | 27000 | | | | | | | | | |
| | | 2.4 | 1862 | 1.4 | 377 | 27000 | | | | | | | | | |
| | | 2.5 | 1763 | 1.5 | 357 | 27000 | | | | | | | | | |
| | | 2.8 | 1576 | 1.7 | 319 | 27000 | | | | | | | | | |
| | | 3.3 | 1349 | 2.0 | 273 | 27000 | | | | | | | | | |
| | | 3.9 | 1141 | 2.4 | 231 | 27000 | | | | | | | | | |
| | | 4.6 | 963 | 2.8 | 195 | 27000 | | | | | | | | | |
| | | 1.9 | 2321 | 1.2 | 731 | 27000 | 80M4B / 80M4C | 139 | 135 | 139 | 135 | 110 | 106 | 302-303 | |
| | | 2.2 | 2061 | 1.3 | 649 | 27000 | | | | | | | | | |
| | | 2.4 | 1889 | 1.4 | 595 | 27000 | | | | | | | | | |
| | | 2.5 | 1775 | 1.5 | 559 | 27000 | | | | | | | | | |
| | | 2.7 | 1667 | 1.6 | 525 | 27000 | | | | | | | | | |
| | | 3.0 | 1502 | 1.8 | 473 | 27000 | | | | | | | | | |
| | 3.3 | 1350 | 2.0 | 425 | 27000 | | | | | | | | | | |
| | 3.7 | 1197 | 2.2 | 377 | 27000 | | | | | | | | | | |
| | 3.9 | 1134 | 2.4 | 357 | 27000 | | | | | | | | | | |
| | 4.4 | 1013 | 2.7 | 319 | 27000 | | | | | | | | | | |
| | 3.8 | 1161 | 2.3 | 731 | 27000 | 71M2B | 135 | 131 | 135 | 131 | 106 | 102 | 302-303 | | |
| | 4.3 | 1030 | 2.6 | 649 | 27000 | | | | | | | | | | |
| | 4.7 | 945 | 2.8 | 595 | 27000 | | | | | | | | | | |
| | 617/09 | 617/09 | 1.4 | 3206 | 0.8 | 649 | 27000 | 80M6B | 137 | 135 | 137 | 135 | 108 | 106 | 298-299 |
| | | | 1.5 | 2939 | 0.9 | 595 | 27000 | | | | | | | | |
| | | | 1.6 | 2761 | 1.0 | 559 | 27000 | | | | | | | | |
| | | | 1.7 | 2593 | 1.0 | 525 | 27000 | | | | | | | | |
| | | | 1.9 | 2336 | 1.2 | 473 | 27000 | | | | | | | | |
| | | | 2.1 | 2099 | 1.3 | 425 | 27000 | | | | | | | | |
| | | | 2.4 | 1862 | 1.4 | 377 | 27000 | | | | | | | | |
| | | | 2.5 | 1763 | 1.5 | 357 | 27000 | | | | | | | | |
| | | | 2.8 | 1576 | 1.7 | 319 | 27000 | | | | | | | | |
| | | | 3.3 | 1349 | 1.6 | 273 | 27000 | | | | | | | | |
| | | | 3.9 | 1141 | 1.7 | 231 | 27000 | | | | | | | | |
| | | | 4.6 | 963 | 1.6 | 195 | 27000 | | | | | | | | |
| | | | 5.5 | 815 | 1.7 | 165 | 27000 | | | | | | | | |
| | | | 6.3 | 706 | 1.7 | 143 | 27000 | | | | | | | | |
| | | | 7.4 | 598 | 1.7 | 121 | 27000 | | | | | | | | |
| | | | 8.7 | 514 | 1.8 | 104 | 27000 | | | | | | | | |
| | | | 1.9 | 2321 | 1.2 | 731 | 27000 | 80M4B / 80M4C | 137 | 135 | 137 | 135 | 108 | 106 | 298-299 |
| 2.2 | | | 2061 | 1.3 | 649 | 27000 | | | | | | | | | |
| 2.4 | | 1889 | 1.4 | 595 | 27000 | | | | | | | | | | |
| 2.5 | | 1775 | 1.5 | 559 | 27000 | | | | | | | | | | |
| 2.7 | | 1667 | 1.6 | 525 | 27000 | | | | | | | | | | |
| 3.0 | | 1502 | 1.8 | 473 | 27000 | | | | | | | | | | |
| 3.3 | | 1350 | 1.9 | 425 | 27000 | | | | | | | | | | |
| 3.7 | | 1197 | 2.2 | 377 | 27000 | | | | | | | | | | |
| 3.9 | | 1134 | 1.9 | 357 | 27000 | | | | | | | | | | |
| 4.4 | | 1013 | 2.2 | 319 | 27000 | | | | | | | | | | |
| 5.1 | | 867 | 2.2 | 273 | 27000 | | | | | | | | | | |
| 6.1 | | 734 | 2.2 | 231 | 27000 | | | | | | | | | | |
| 7.2 | | 619 | 2.2 | 195 | 27000 | | | | | | | | | | |
| 8.5 | | 524 | 2.2 | 165 | 27000 | | | | | | | | | | |
| 9.8 | | 454 | 2.2 | 143 | 27000 | | | | | | | | | | |
| 11.6 | | 384 | 2.2 | 121 | 27000 | | | | | | | | | | |
| 13.5 | | 330 | 2.4 | 104 | 27000 | | | | | | | | | | |
| 3.8 | | 1161 | 1.9 | 731 | 27000 | 71M2B | 133 | 131 | 133 | 131 | 104 | 102 | 298-299 | | |
| 4.3 | | 1030 | 2.2 | 649 | 27000 | | | | | | | | | | |
| 4.7 | | 945 | 1.9 | 595 | 27000 | | | | | | | | | | |
| 5.0 | 888 | 2.2 | 559 | 27000 | | | | | | | | | | | |
| 5.3 | 834 | 2.2 | 525 | 27000 | | | | | | | | | | | |
| 5.9 | 751 | 2.2 | 473 | 27000 | | | | | | | | | | | |
| 6.6 | 675 | 1.9 | 425 | 27000 | | | | | | | | | | | |
| 7.4 | 599 | 2.2 | 377 | 27000 | | | | | | | | | | | |
| 7.8 | 567 | 1.9 | 357 | 27000 | | | | | | | | | | | |
| 8.8 | 506 | 2.2 | 319 | 27000 | | | | | | | | | | | |
| 10.3 | 433 | 2.2 | 273 | 27000 | | | | | | | | | | | |
| 12.1 | 367 | 2.2 | 231 | 27000 | | | | | | | | | | | |
| 14.4 | 310 | 2.2 | 195 | 27000 | | | | | | | | | | | |
| 17.0 | 262 | 2.2 | 165 | 26500 | | | | | | | | | | | |
| 19.6 | 227 | 2.2 | 143 | 25200 | | | | | | | | | | | |
| 23.1 | 192 | 2.2 | 121 | 23800 | | | | | | | | | | | |
| 26.9 | 165 | 2.4 | 104 | 22600 | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|-----|-----|-----|---------|---------|---|
| | | | | | | | | HC | HX | VC | VX | FC | FX | |
| 0.55 | 616/11 | 2.1 | 2099 | 0.8 | 425 | 19200 | 80M6B | 114 | 109 | 109 | 104 | 96 | 91 | 294-295 |
| | | 2.4 | 1862 | 1.0 | 377 | 19200 | | | | | | | | |
| | | 2.5 | 1763 | 1.0 | 357 | 19200 | | | | | | | | |
| | | 2.8 | 1576 | 1.1 | 319 | 19200 | | | | | | | | |
| | | 3.3 | 1349 | 1.3 | 273 | 19200 | | | | | | | | |
| | | 3.9 | 1141 | 1.6 | 231 | 19200 | | | | | | | | |
| | | 4.6 | 963 | 1.8 | 195 | 19200 | | | | | | | | |
| | | 5.5 | 815 | 2.2 | 165 | 19200 | | | | | | | | |
| | | 6.3 | 706 | 2.5 | 143 | 19200 | | | | | | | | |
| | | 7.4 | 598 | 3.0 | 121 | 19200 | | | | | | | | |
| | | 2.2 | 2061 | 0.9 | 649 | 19200 | 80M4B / 80M4C | 114 | 109 | 109 | 104 | 96 | 91 | 294-295 |
| | | 2.4 | 1889 | 0.9 | 595 | 19200 | | | | | | | | |
| | | 2.5 | 1775 | 1.0 | 559 | 19200 | | | | | | | | |
| | | 2.7 | 1667 | 1.1 | 525 | 19200 | | | | | | | | |
| | | 3.0 | 1502 | 1.2 | 473 | 19200 | | | | | | | | |
| | | 3.3 | 1350 | 1.3 | 425 | 19200 | | | | | | | | |
| | | 3.7 | 1197 | 1.5 | 377 | 19200 | | | | | | | | |
| | | 3.9 | 1134 | 1.6 | 357 | 19200 | | | | | | | | |
| | | 4.4 | 1013 | 1.8 | 319 | 19200 | | | | | | | | |
| | | 5.1 | 867 | 2.1 | 273 | 19200 | | | | | | | | |
| | | 6.1 | 734 | 2.4 | 231 | 19200 | | | | | | | | |
| | 7.2 | 619 | 2.9 | 195 | 19200 | | | | | | | | | |
| | 3.8 | 1161 | 1.5 | 731 | 19200 | 71M2B | 111 | 104 | 106 | 99 | 93 | 86 | 294-295 | |
| | 4.3 | 1030 | 1.7 | 649 | 19200 | | | | | | | | | |
| | 4.7 | 945 | 1.9 | 595 | 19200 | | | | | | | | | |
| | 5.0 | 888 | 2.0 | 559 | 19200 | | | | | | | | | |
| | 5.3 | 834 | 2.1 | 525 | 19200 | | | | | | | | | |
| | 5.9 | 751 | 2.4 | 473 | 19200 | | | | | | | | | |
| | 6.6 | 675 | 2.6 | 425 | 19200 | | | | | | | | | |
| | 7.4 | 599 | 3.0 | 377 | 19200 | | | | | | | | | |
| | 2.1 | 2099 | 0.8 | 425 | 19200 | | | | | | | | | 80M6B |
| | 2.4 | 1862 | 1.0 | 377 | 19200 | | | | | | | | | |
| | 2.5 | 1763 | 1.0 | 357 | 19200 | | | | | | | | | |
| | 2.8 | 1576 | 1.1 | 319 | 19200 | | | | | | | | | |
| | 3.3 | 1349 | 1.3 | 273 | 19200 | | | | | | | | | |
| | 3.9 | 1141 | 1.6 | 231 | 19200 | | | | | | | | | |
| | 4.6 | 963 | 1.8 | 195 | 19200 | | | | | | | | | |
| | 5.5 | 815 | 2.2 | 165 | 19200 | | | | | | | | | |
| | 6.3 | 706 | 2.5 | 143 | 19200 | | | | | | | | | |
| | 7.4 | 598 | 2.9 | 121 | 19200 | | | | | | | | | |
| | 2.2 | 2061 | 0.9 | 649 | 19200 | 80M4B / 80M4C | 105 | 101 | 100 | 96 | 87 | 83 | 290-291 | |
| | 2.4 | 1889 | 0.9 | 595 | 19200 | | | | | | | | | |
| 2.5 | 1775 | 1.0 | 559 | 19200 | | | | | | | | | | |
| 2.7 | 1667 | 1.1 | 525 | 19200 | | | | | | | | | | |
| 3.0 | 1502 | 1.2 | 473 | 19200 | | | | | | | | | | |
| 3.3 | 1350 | 1.3 | 425 | 19200 | | | | | | | | | | |
| 3.7 | 1197 | 1.5 | 377 | 19200 | | | | | | | | | | |
| 3.9 | 1134 | 1.6 | 357 | 19200 | | | | | | | | | | |
| 4.4 | 1013 | 1.8 | 319 | 19200 | | | | | | | | | | |
| 5.1 | 867 | 2.1 | 273 | 19200 | | | | | | | | | | |
| 6.1 | 734 | 2.4 | 231 | 19200 | | | | | | | | | | |
| 7.2 | 619 | 2.9 | 195 | 19200 | | | | | | | | | | |
| 3.8 | 1161 | 1.5 | 731 | 19200 | 71M2B | 101 | 98 | 96 | 93 | 83 | 80 | 290-291 | | |
| 4.3 | 1030 | 1.7 | 649 | 19200 | | | | | | | | | | |
| 4.7 | 945 | 1.9 | 595 | 19200 | | | | | | | | | | |
| 5.0 | 888 | 2.0 | 559 | 19200 | | | | | | | | | | |
| 5.3 | 834 | 2.1 | 525 | 19200 | | | | | | | | | | |
| 5.9 | 751 | 2.4 | 473 | 19200 | | | | | | | | | | |
| 6.6 | 675 | 2.6 | 425 | 19200 | | | | | | | | | | |
| 7.4 | 599 | 3.0 | 377 | 19200 | | | | | | | | | | |
| 2.1 | 2099 | 0.8 | 425 | 19200 | | | | | | | | | 80M6B | 103 |
| 2.4 | 1862 | 1.0 | 377 | 19200 | | | | | | | | | | |
| 2.5 | 1763 | 1.0 | 357 | 19200 | | | | | | | | | | |
| 2.8 | 1576 | 1.1 | 319 | 19200 | | | | | | | | | | |
| 3.3 | 1349 | 1.3 | 273 | 19200 | | | | | | | | | | |
| 3.9 | 1141 | 1.6 | 231 | 19200 | | | | | | | | | | |
| 4.6 | 963 | 1.6 | 195 | 19200 | | | | | | | | | | |
| 5.5 | 815 | 1.7 | 165 | 19200 | | | | | | | | | | |
| 6.3 | 706 | 1.7 | 143 | 19200 | | | | | | | | | | |
| 7.4 | 598 | 1.7 | 121 | 19200 | | | | | | | | | | |
| 8.7 | 514 | 1.8 | 104 | 19200 | | | | | | | | | | |
| | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | | | | | | | |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|---------------|---------------|-----|----|----|----|---------|---------|---------|-------|----|----|----|----|----|----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | |
| 0.55 | 616/09 | 2.2 | 2061 | 0.9 | 649 | 19200 | 80M4B / 80M4C | 103 | 101 | 98 | 96 | 85 | 83 | 286-287 | | | | | | | | | |
| | | 2.4 | 1889 | 0.9 | 595 | 19200 | | | | | | | | | | | | | | | | | |
| | | 2.5 | 1775 | 1.0 | 559 | 19200 | | | | | | | | | | | | | | | | | |
| | | 2.7 | 1667 | 1.1 | 525 | 19200 | | | | | | | | | | | | | | | | | |
| | | 3.0 | 1502 | 1.2 | 473 | 19200 | | | | | | | | | | | | | | | | | |
| | | 3.3 | 1350 | 1.3 | 425 | 19200 | | | | | | | | | | | | | | | | | |
| | | 3.7 | 1197 | 1.5 | 377 | 19200 | | | | | | | | | | | | | | | | | |
| | | 3.9 | 1134 | 1.6 | 357 | 19200 | | | | | | | | | | | | | | | | | |
| | | 4.4 | 1013 | 1.8 | 319 | 19200 | | | | | | | | | | | | | | | | | |
| | | 5.1 | 867 | 2.1 | 273 | 19200 | | | | | | | | | | | | | | | | | |
| | | 6.1 | 734 | 2.2 | 231 | 19200 | | | | | | | | | | | | | | | | | |
| | | 7.2 | 619 | 2.2 | 195 | 19200 | | | | | | | | | | | | | | | | | |
| | | 8.5 | 524 | 2.2 | 165 | 19200 | | | | | | | | | | | | | | | | | |
| | | 9.8 | 454 | 2.2 | 143 | 19200 | | | | | | | | | | | | | | | | | |
| | | 11.6 | 384 | 2.2 | 121 | 19200 | | | | | | | | | | | | | | | | | |
| | | 13.5 | 330 | 2.4 | 104 | 19200 | | | | | | | | | | | | | | | | | |
| | | 616/09 | 3.8 | 1161 | 1.5 | 731 | | | | | | | | | 19200 | 71M2B | 99 | 98 | 94 | 93 | 81 | 80 | 286-287 |
| | | | 4.3 | 1030 | 1.7 | 649 | | | | | | | | | 19200 | | | | | | | | |
| | | | 4.7 | 945 | 1.9 | 595 | | | | | | | | | 19200 | | | | | | | | |
| | | | 5.0 | 888 | 2.0 | 559 | | | | | | | | | 19200 | | | | | | | | |
| | | | 5.3 | 834 | 2.1 | 525 | | | | | | | | | 19200 | | | | | | | | |
| | 5.9 | | 751 | 2.2 | 473 | 19200 | | | | | | | | | | | | | | | | | |
| | 6.6 | | 675 | 1.9 | 425 | 19200 | | | | | | | | | | | | | | | | | |
| | 7.4 | | 599 | 2.2 | 377 | 19200 | | | | | | | | | | | | | | | | | |
| | 7.8 | | 567 | 1.9 | 357 | 19200 | | | | | | | | | | | | | | | | | |
| | 8.8 | | 506 | 2.2 | 319 | 19200 | | | | | | | | | | | | | | | | | |
| | 10.3 | | 433 | 2.2 | 273 | 19200 | | | | | | | | | | | | | | | | | |
| | 12.1 | | 367 | 2.2 | 231 | 19200 | | | | | | | | | | | | | | | | | |
| | 14.4 | | 310 | 2.2 | 195 | 19200 | | | | | | | | | | | | | | | | | |
| | 17.0 | | 262 | 2.2 | 165 | 19200 | | | | | | | | | | | | | | | | | |
| | 19.6 | | 227 | 2.2 | 143 | 19200 | | | | | | | | | | | | | | | | | |
| | 23.1 | | 192 | 2.2 | 121 | 19200 | | | | | | | | | | | | | | | | | |
| | 26.9 | | 165 | 2.4 | 104 | 19000 | | | | | | | | | | | | | | | | | |
| | 614/10 | | 3.9 | 1141 | 0.9 | 231 | 14400 | 80M6B | 63 | 60 | 63 | 59 | 56 | 53 | 282-283 | | | | | | | | |
| | | | 4.6 | 963 | 1.0 | 195 | 14400 | | | | | | | | | | | | | | | | |
| | | | 5.5 | 815 | 1.2 | 165 | 14400 | | | | | | | | | | | | | | | | |
| | | | 6.3 | 706 | 1.4 | 143 | 14400 | | | | | | | | | | | | | | | | |
| | | 7.4 | 598 | 1.7 | 121 | 14400 | | | | | | | | | | | | | | | | | |
| | | 8.7 | 514 | 2.0 | 104 | 14400 | | | | | | | | | | | | | | | | | |
| | | 614/10 | 3.7 | 1197 | 0.8 | 377 | 14400 | 80M4B / 80M4C | 63 | 60 | 63 | 59 | 56 | 53 | 282-283 | | | | | | | | |
| | | | 3.9 | 1134 | 0.9 | 357 | 14400 | | | | | | | | | | | | | | | | |
| | | | 4.4 | 1013 | 1.0 | 319 | 14400 | | | | | | | | | | | | | | | | |
| 5.1 | | | 867 | 1.2 | 273 | 14400 | | | | | | | | | | | | | | | | | |
| 6.1 | | | 734 | 1.4 | 231 | 14400 | | | | | | | | | | | | | | | | | |
| 7.2 | | | 619 | 1.6 | 195 | 14400 | | | | | | | | | | | | | | | | | |
| 8.5 | | | 524 | 1.9 | 165 | 14400 | | | | | | | | | | | | | | | | | |
| 9.8 | | | 454 | 2.2 | 143 | 14400 | | | | | | | | | | | | | | | | | |
| 11.6 | | | 384 | 2.6 | 121 | 14400 | | | | | | | | | | | | | | | | | |
| 614/10 | | | 3.8 | 1161 | 0.9 | 731 | 14400 | | | | | | | | | 71M2B | 59 | 57 | 59 | 56 | 52 | 50 | 282-283 |
| | | | 4.3 | 1030 | 1.0 | 649 | 14400 | | | | | | | | | | | | | | | | |
| | | | 4.7 | 945 | 1.1 | 595 | 14400 | | | | | | | | | | | | | | | | |
| | | | 5.0 | 888 | 1.1 | 559 | 14400 | | | | | | | | | | | | | | | | |
| | | | 5.3 | 834 | 1.2 | 525 | 14400 | | | | | | | | | | | | | | | | |
| | | | 5.9 | 751 | 1.3 | 473 | 14400 | | | | | | | | | | | | | | | | |
| | 6.6 | 675 | 1.5 | 425 | 14400 | | | | | | | | | | | | | | | | | | |
| | 7.4 | 599 | 1.7 | 377 | 14400 | | | | | | | | | | | | | | | | | | |
| | 7.8 | 567 | 1.8 | 357 | 14400 | | | | | | | | | | | | | | | | | | |
| | 8.8 | 506 | 2.0 | 319 | 14400 | | | | | | | | | | | | | | | | | | |
| | 10.3 | 433 | 2.3 | 273 | 14400 | | | | | | | | | | | | | | | | | | |
| | 12.1 | 367 | 2.8 | 231 | 14400 | | | | | | | | | | | | | | | | | | |
| 614/09 | 3.9 | 1141 | 0.9 | 231 | 14400 | 80M6B | 62 | 60 | 62 | 59 | 55 | 53 | 278-279 | | | | | | | | | | |
| | 4.6 | 963 | 1.0 | 195 | 14400 | | | | | | | | | | | | | | | | | | |
| | 5.5 | 815 | 1.2 | 165 | 14400 | | | | | | | | | | | | | | | | | | |
| | 6.3 | 706 | 1.4 | 143 | 14400 | | | | | | | | | | | | | | | | | | |
| | 7.4 | 598 | 1.7 | 121 | 14400 | | | | | | | | | | | | | | | | | | |
| | 8.7 | 514 | 1.8 | 104 | 14400 | | | | | | | | | | | | | | | | | | |
| 614/09 | | | | | | | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|----------------------|----------------------|----|----|----|----|---|---------|---------|-------|-------|--------------|----|----|----|----|----|----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | | | | |
| 0.55 | 614/09 | 3.7 | 1197 | 0.8 | 377 | 14400 | 80M4B / 80M4C | 62 | 60 | 62 | 59 | 55 | 53 | 278-279 | | | | | | | | | | | | |
| | | 3.9 | 1134 | 0.9 | 357 | 14400 | | | | | | | | | | | | | | | | | | | | |
| | | 4.4 | 1013 | 1.0 | 319 | 14400 | | | | | | | | | | | | | | | | | | | | |
| | | 5.1 | 867 | 1.2 | 273 | 14400 | | | | | | | | | | | | | | | | | | | | |
| | | 6.1 | 734 | 1.4 | 231 | 14400 | | | | | | | | | | | | | | | | | | | | |
| | | 7.2 | 619 | 1.6 | 195 | 14400 | | | | | | | | | | | | | | | | | | | | |
| | | 8.5 | 524 | 1.9 | 165 | 14400 | | | | | | | | | | | | | | | | | | | | |
| | | 9.8 | 454 | 2.2 | 143 | 14400 | | | | | | | | | | | | | | | | | | | | |
| | | 11.6 | 384 | 2.2 | 121 | 14400 | | | | | | | | | | | | | | | | | | | | |
| | | 13.5 | 330 | 2.4 | 104 | 14400 | | | | | | | | | | | | | | | | | | | | |
| | | 3.8 | 1161 | 0.9 | 731 | 14400 | | | | | | | | | | | | | | | | | | | | |
| | | 4.3 | 1030 | 1.0 | 649 | 14400 | | | | | | | | | | | | | | | | | | | | |
| | | 4.7 | 945 | 1.1 | 595 | 14400 | | | | | | | | | | | | | | | | | | | | |
| | | 5.0 | 888 | 1.1 | 559 | 14400 | | | | | | | | | | | | | | | | | | | | |
| | 5.3 | 834 | 1.2 | 525 | 14400 | | | | | | | | | | | | | | | | | | | | | |
| | 5.9 | 751 | 1.3 | 473 | 14400 | | | | | | | | | | | | | | | | | | | | | |
| | 6.6 | 675 | 1.5 | 425 | 14400 | | | | | | | | | | | | | | | | | | | | | |
| | 7.4 | 599 | 1.7 | 377 | 14400 | | | | | | | | | | | | | | | | | | | | | |
| | 7.8 | 567 | 1.8 | 357 | 14400 | | | | | | | | | | | | | | | | | | | | | |
| | 8.8 | 506 | 2.0 | 319 | 14400 | | | | | | | | | | | | | | | | | | | | | |
| | 10.3 | 433 | 2.2 | 273 | 14400 | | | | | | | | | | | | | | | | | | | | | |
| | 12.1 | 367 | 2.2 | 231 | 14400 | | | | | | | | | | | | | | | | | | | | | |
| | 14.4 | 310 | 2.2 | 195 | 14400 | | | | | | | | | | | | | | | | | | | | | |
| | 17.0 | 262 | 2.2 | 165 | 14400 | | | | | | | | | | | | | | | | | | | | | |
| | 19.6 | 227 | 2.2 | 143 | 14400 | | | | | | | | | | | | | | | | | | | | | |
| | 23.1 | 192 | 2.2 | 121 | 14400 | | | | | | | | | | | | | | | | | | | | | |
| | 26.9 | 165 | 2.4 | 104 | 14400 | | | | | | | | | | | | | | | | | | | | | |
| | 614 | | 10.3 | 467 | 2.4 | 87 | 14400 | 80M6B | 64 | 58 | 63 | 57 | 57 | 51 | 192-193 | | | | | | | | | | | |
| | | | 12.7 | 381 | 2.9 | 71 | 14400 | | | | | | | | | | | | | | | | | | | |
| | 613/10 | | 5.5 | 815 | 0.9 | 165 | 12900 | 80M6B | 63 | 60 | 63 | 59 | 56 | 53 | 270-271 | | | | | | | | | | | |
| | | | 6.3 | 706 | 1.1 | 143 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | | 7.4 | 598 | 1.3 | 121 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | | 8.7 | 514 | 1.5 | 104 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | 80M4B / 80M4C | | 5.1 | 867 | 0.9 | 273 | 12900 | 80M4B / 80M4C | 63 | 60 | 63 | 59 | 56 | 53 | 270-271 | | | | | | | | | | |
| | | | | 6.1 | 734 | 1.0 | 231 | 12900 | | | | | | | | | | | | | | | | | | |
| | | | | 7.2 | 619 | 1.2 | 195 | 12900 | | | | | | | | | | | | | | | | | | |
| | | | | 8.5 | 524 | 1.4 | 165 | 12900 | | | | | | | | | | | | | | | | | | |
| | | | | 9.8 | 454 | 1.6 | 143 | 12900 | | | | | | | | | | | | | | | | | | |
| | | | | 11.6 | 384 | 1.9 | 121 | 12900 | | | | | | | | | | | | | | | | | | |
| | | | | 13.5 | 330 | 2.3 | 104 | 12900 | | | | | | | | | | | | | | | | | | |
| | | | | 71M2B | | 5.0 | 888 | 0.8 | | | | | | | | | 559 | 12900 | 71M2B | 59 | 57 | 59 | 56 | 52 | 50 | 270-271 |
| | | | | | | 5.3 | 834 | 0.9 | | | | | | | | | 525 | 12900 | | | | | | | | |
| 5.9 | | | | | | 751 | 1.0 | 473 | | | | | | | | | 12900 | | | | | | | | | |
| 6.6 | 675 | 1.1 | 425 | | | 12900 | | | | | | | | | | | | | | | | | | | | |
| 7.4 | 599 | 1.3 | 377 | | | 12900 | | | | | | | | | | | | | | | | | | | | |
| 7.8 | 567 | 1.3 | 357 | | | 12900 | | | | | | | | | | | | | | | | | | | | |
| 8.8 | 506 | 1.5 | 319 | | | 12900 | | | | | | | | | | | | | | | | | | | | |
| 10.3 | 433 | 1.7 | 273 | | | 12900 | | | | | | | | | | | | | | | | | | | | |
| 12.1 | 367 | 2.0 | 231 | | | 12900 | | | | | | | | | | | | | | | | | | | | |
| 14.4 | 310 | 2.4 | 195 | | | 12900 | | | | | | | | | | | | | | | | | | | | |
| 17.0 | 262 | 2.9 | 165 | 12900 | | | | | | | | | | | | | | | | | | | | | | |
| 613/09 | | 5.5 | 815 | 0.9 | 165 | 12900 | 80M6B | 62 | 60 | 62 | 59 | 55 | 53 | 266-267 | | | | | | | | | | | | |
| | | 6.3 | 706 | 1.1 | 143 | 12900 | | | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 598 | 1.3 | 121 | 12900 | | | | | | | | | | | | | | | | | | | | |
| | | 8.7 | 514 | 1.5 | 104 | 12900 | | | | | | | | | | | | | | | | | | | | |
| | 80M4B / 80M4C | | 5.1 | 867 | 0.9 | 273 | 12900 | 80M4B / 80M4C | 62 | 60 | 62 | 59 | 55 | 53 | 266-267 | | | | | | | | | | | |
| | | | 6.1 | 734 | 1.0 | 231 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | | 7.2 | 619 | 1.2 | 195 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | | 8.5 | 524 | 1.4 | 165 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | | 9.8 | 454 | 1.6 | 143 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | | 11.6 | 384 | 1.9 | 121 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | | 13.5 | 330 | 2.3 | 104 | 12900 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | | | | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|-------|----|----|----|----|---------|---|---------|---------------|----|----|----|----|----|----|---------|--|--|--|--|--|--|--|--|--|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | | | | | | | | | | |
| 0.55 | 613/09 | 5.0 | 888 | 0.8 | 559 | 12900 | 71M2B | 58 | 57 | 58 | 56 | 51 | 50 | 266-267 | | | | | | | | | | | | | | | | | | |
| | | 5.3 | 834 | 0.9 | 525 | 12900 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 5.9 | 751 | 1.0 | 473 | 12900 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 6.6 | 675 | 1.1 | 425 | 12900 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 599 | 1.3 | 377 | 12900 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 7.8 | 567 | 1.3 | 357 | 12900 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 8.8 | 506 | 1.5 | 319 | 12900 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 10.3 | 433 | 1.7 | 273 | 12900 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 12.1 | 367 | 2.0 | 231 | 12900 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 14.4 | 310 | 2.1 | 195 | 12900 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 17.0 | 262 | 2.1 | 165 | 12900 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 19.6 | 227 | 2.1 | 143 | 12900 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 23.1 | 192 | 2.1 | 121 | 12500 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 26.9 | 165 | 2.3 | 104 | 11900 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 613 | | 10.3 | 467 | 1.8 | 87 | 12900 | 80M6B | 63 | 57 | 62 | 56 | 56 | 50 | 188-189 | | | | | | | | | | | | | | | | | |
| | | | 12.7 | 381 | 2.2 | 71 | 12900 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 15.3 | 317 | 2.6 | 59 | 12900 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 612 | | 10.3 | 467 | 1.2 | 87 | 9620 | 80M6B | 44 | 40 | 42 | 38 | 39 | 35 | 184-185 | | | | | | | | | | | | | | | | | |
| | | | 12.7 | 381 | 1.4 | 71 | 9620 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 15.3 | 317 | 1.7 | 59 | 9620 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 17.6 | 274 | 2.0 | 51 | 9620 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 20.9 | 231 | 2.4 | 43 | 9620 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 25.7 | 188 | 2.9 | 35 | 9620 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 16.1 | 300 | 1.7 | 87 | 9620 | | | | | | | | | 80M4B / 80M4C | 44 | 40 | 42 | 38 | 39 | 35 | 184-185 | | | | | | | | | |
| | | | 19.7 | 245 | 1.9 | 71 | 9620 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 23.7 | 204 | 2.5 | 59 | 9620 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 32.2 | 150 | 1.7 | 87 | 9620 | | | | | | | | | 71M2B | 41 | 35 | 39 | 33 | 36 | 30 | 184-185 | | | | | | | | | |
| | 39.4 | 123 | 1.9 | 71 | 9010 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 47.5 | 102 | 2.5 | 59 | 8470 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 611/09 | | 7.4 | 598 | 0.8 | 121 | 8460 | 80M6B | 47 | 44 | 46 | 43 | 43 | 40 | 258-259 | | | | | | | | | | | | | | | | | |
| | | | 8.7 | 514 | 1.0 | 104 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 7.2 | 619 | 0.8 | 195 | 8460 | | | | | | | | | 80M4B / 80M4C | 47 | 44 | 46 | 43 | 43 | 40 | 258-259 | | | | | | | | | |
| | | | 8.5 | 524 | 1.0 | 165 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 9.8 | 454 | 1.1 | 143 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 11.6 | 384 | 1.3 | 121 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 13.5 | 330 | 1.4 | 104 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 611 | | 10.3 | 467 | 1.2 | 87 | 8460 | 80M6B | 43 | 39 | 42 | 38 | 39 | 35 | 180-181 | | | | | | | | | | | | | | | | | |
| | | | 12.7 | 381 | 1.3 | 71 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 15.3 | 317 | 1.7 | 59 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 17.6 | 274 | 2.0 | 51 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 20.9 | 231 | 2.4 | 43 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 25.7 | 188 | 2.9 | 35 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 16.1 | 300 | 1.7 | 87 | 8460 | | | | | | | | | 80M4B / 80M4C | 43 | 39 | 42 | 38 | 39 | 35 | 180-181 | | | | | | | | | |
| | | | 19.7 | 245 | 1.7 | 71 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 23.7 | 204 | 2.5 | 59 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 32.2 | 150 | 1.7 | 87 | 8460 | 71M2B | 40 | 34 | 39 | 33 | 36 | 30 | 180-181 | | | | | | | | | | | | | | | | | | | |
| | 39.4 | 123 | 1.7 | 71 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 47.5 | 102 | 2.5 | 59 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 610 | | 15.3 | 317 | 0.8 | 59 | 5290 | 80M6B | 30 | 27 | 28 | 25 | 27 | 24 | 176-177 | | | | | | | | | | | | | | | | | |
| | | | 17.6 | 274 | 0.9 | 51 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 20.9 | 231 | 1.2 | 43 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 25.7 | 188 | 1.4 | 35 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 31.0 | 156 | 1.8 | 29 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 36.0 | 134 | 2.1 | 25 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 42.9 | 113 | 2.4 | 21 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 16.1 | 300 | 0.9 | 87 | 5290 | | | | | | | | | 80M4B / 80M4C | 30 | 27 | 28 | 25 | 27 | 24 | 176-177 | | | | | | | | | |
| | | | 19.7 | 245 | 0.9 | 71 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 23.7 | 204 | 1.1 | 59 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 27.5 | 176 | 1.2 | 51 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 32.6 | 148 | 1.7 | 43 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 40.0 | 121 | 1.9 | 35 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 48.3 | 100 | 2.5 | 29 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 56.0 | 86 | 2.7 | 25 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|----------------------|-----|-----|-----|-----|-----|---|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | |
| 0.55 | 610 | 32.2 | 150 | 0.9 | 87 | 5290 | 71M2B | 26 | 24 | 24 | 22 | 23 | 21 | 176-177 | |
| | | 39.4 | 123 | 0.9 | 71 | 5290 | | | | | | | | | |
| | | 47.5 | 102 | 1.1 | 59 | 5290 | | | | | | | | | |
| | | 54.9 | 88 | 1.2 | 51 | 5290 | | | | | | | | | |
| | | 65.1 | 74 | 1.7 | 43 | 5290 | | | | | | | | | |
| | | 80.0 | 60 | 1.9 | 35 | 5290 | | | | | | | | | |
| | 96.6 | 50 | 2.5 | 29 | 5290 | | | | | | | | | | |
| | 112.0 | 43 | 2.7 | 25 | 5080 | | | | | | | | | | |
| | 609 | 609 | 31.0 | 156 | 0.9 | 29 | 3280 | 80M6B | 29 | 25 | 27 | 23 | 26 | 22 | 172-173 |
| | | | 36.0 | 134 | 1.0 | 25 | 3280 | | | | | | | | |
| | | | 42.9 | 113 | 1.2 | 21 | 3280 | | | | | | | | |
| | | | 52.9 | 91 | 1.5 | 17 | 3280 | | | | | | | | |
| | | | 60.0 | 81 | 1.6 | 15 | 3280 | | | | | | | | |
| | | | 69.2 | 70 | 1.6 | 13 | 3280 | | | | | | | | |
| | | | 81.8 | 59 | 1.7 | 11 | 3280 | | | | | | | | |
| 112.5 | | | 43 | 1.8 | 8 | 3190 | | | | | | | | | |
| 150.0 | | 32 | 1.8 | 6 | 2890 | | | | | | | | | | |
| 609 | | 609 | 32.6 | 148 | 0.9 | 43 | 3280 | 80M4B / 80M4C | 29 | 25 | 27 | 23 | 26 | 22 | 172-173 |
| | | | 40.0 | 121 | 1.0 | 35 | 3280 | | | | | | | | |
| | | | 48.3 | 100 | 1.2 | 29 | 3280 | | | | | | | | |
| | | | 56.0 | 86 | 1.3 | 25 | 3280 | | | | | | | | |
| | | | 66.7 | 72 | 1.7 | 21 | 3280 | | | | | | | | |
| | | | 82.4 | 59 | 1.9 | 17 | 3280 | | | | | | | | |
| | 93.3 | | 52 | 2.1 | 15 | 3280 | | | | | | | | | |
| 107.7 | 45 | 2.2 | 13 | 3270 | | | | | | | | | | | |
| 127.3 | 38 | 2.2 | 11 | 3090 | | | | | | | | | | | |
| 175.0 | 28 | 2.4 | 8 | 2780 | | | | | | | | | | | |
| 233.3 | 21 | 2.4 | 6 | 2530 | | | | | | | | | | | |
| 0.75 | 622/13 | 1.2 | 4924 | 2.8 | 731 | 142000 | 90S6B / 90L6C | 453 | 446 | 440 | 433 | 410 | 403 | 342-343 | |
| | | 1.2 | 4924 | 2.3 | 731 | 84400 | | | | | | | | | |
| | | 1.4 | 4372 | 2.5 | 649 | 84400 | | | | | | | | | |
| | 621/16 | 1.6 | 3765 | 2.9 | 559 | 84400 | 90S6B / 90L6C | 402 | 391 | 380 | 369 | 361 | 350 | 338-339 | |
| | | 1.2 | 4924 | 2.3 | 731 | 84400 | | | | | | | | | |
| | | 1.4 | 4372 | 2.5 | 649 | 84400 | | | | | | | | | |
| | 621/13 | 1.6 | 3765 | 2.9 | 559 | 84400 | 90S6B / 90L6C | 378 | 371 | 356 | 349 | 337 | 330 | 334-335 | |
| | | 1.2 | 4924 | 1.7 | 731 | 67800 | | | | | | | | | |
| | | 1.4 | 4372 | 1.9 | 649 | 67800 | | | | | | | | | |
| | 620/13 | 620/13 | 1.6 | 3765 | 2.2 | 559 | 67800 | 90S6B / 90L6C | 298 | 290 | 286 | 278 | 271 | 263 | 330-331 |
| | | | 1.9 | 3186 | 2.6 | 473 | 67800 | | | | | | | | |
| | | | 2.4 | 2539 | 2.8 | 377 | 67800 | | | | | | | | |
| | | | 2.5 | 2405 | 3.0 | 357 | 67800 | | | | | | | | |
| | | | 1.9 | 3165 | 2.6 | 731 | 67800 | | | | | | | | |
| | 2.2 | 2810 | 3.0 | 649 | 67800 | | | | | | | | | | |
| 620/11 | 620/11 | 1.2 | 4924 | 1.7 | 731 | 67800 | 90S6B / 90L6C | 283 | 280 | 271 | 268 | 256 | 253 | 326-327 | |
| | | 1.4 | 4372 | 1.9 | 649 | 67800 | | | | | | | | | |
| | | 1.6 | 3765 | 2.2 | 559 | 67800 | | | | | | | | | |
| | | 1.9 | 3186 | 2.6 | 473 | 67800 | | | | | | | | | |
| | | 2.4 | 2539 | 2.8 | 377 | 67800 | | | | | | | | | |
| 2.5 | 2405 | 3.0 | 357 | 67800 | | | | | | | | | | | |
| | | 1.9 | 3165 | 2.6 | 731 | 67800 | 80M4C / 80M4D | 280 | 277 | 268 | 265 | 253 | 250 | 326-327 | |
| | | 2.2 | 2810 | 3.0 | 649 | 67800 | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | | | | | | | |
|------------------------|---------------|--|------------------------|----------------|------------------|-------------------------|----------------------|----------------------|----------------------|-----|-----|-----|-----|---------|----------------------|----------------------|-----|-----|-----|-----|-----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | |
| 0.75 | 619/13 | 1.2 | 4924 | 1.4 | 731 | 51000 | 90S6B / 90L6C | 273 | 267 | 258 | 252 | 228 | 222 | 322-323 | | | | | | | | | |
| | | 1.4 | 4372 | 1.6 | 649 | 51000 | | | | | | | | | | | | | | | | | |
| | | 1.5 | 4008 | 1.8 | 595 | 51000 | | | | | | | | | | | | | | | | | |
| | | 1.6 | 3765 | 1.9 | 559 | 51000 | | | | | | | | | | | | | | | | | |
| | | 1.7 | 3536 | 2.0 | 525 | 51000 | | | | | | | | | | | | | | | | | |
| | | 1.9 | 3186 | 2.2 | 473 | 51000 | | | | | | | | | | | | | | | | | |
| | | 2.1 | 2863 | 2.5 | 425 | 51000 | | | | | | | | | | | | | | | | | |
| | | 2.4 | 2539 | 2.8 | 377 | 51000 | | | | | | | | | | | | | | | | | |
| | | 2.5 | 2405 | 3.0 | 357 | 51000 | | | | | | | | | | | | | | | | | |
| | | 1.9 | 3165 | 2.2 | 731 | 51000 | | | | | | | | | 80M4C / 80M4D | 270 | 264 | 255 | 249 | 225 | 219 | 322-323 | |
| | | 2.2 | 2810 | 2.5 | 649 | 51000 | | | | | | | | | | | | | | | | | |
| | | 2.4 | 2576 | 2.8 | 595 | 51000 | | | | | | | | | | | | | | | | | |
| | 2.5 | 2421 | 2.9 | 559 | 51000 | | | | | | | | | | | | | | | | | | |
| | 619/11 | | 1.2 | 4924 | 1.4 | 731 | 51000 | 90S6B / 90L6C | 262 | 260 | 247 | 245 | 217 | 215 | 318-319 | | | | | | | | |
| | | | 1.4 | 4372 | 1.6 | 649 | 51000 | | | | | | | | | | | | | | | | |
| | | | 1.5 | 4008 | 1.8 | 595 | 51000 | | | | | | | | | | | | | | | | |
| | | | 1.6 | 3765 | 1.9 | 559 | 51000 | | | | | | | | | | | | | | | | |
| | | | 1.7 | 3536 | 2.0 | 525 | 51000 | | | | | | | | | | | | | | | | |
| | | | 1.9 | 3186 | 2.2 | 473 | 51000 | | | | | | | | | | | | | | | | |
| | | | 2.1 | 2863 | 2.5 | 425 | 51000 | | | | | | | | | | | | | | | | |
| | | | 2.4 | 2539 | 2.8 | 377 | 51000 | | | | | | | | | | | | | | | | |
| | | | 2.5 | 2405 | 3.0 | 357 | 51000 | | | | | | | | | | | | | | | | |
| | | | 1.9 | 3165 | 2.2 | 731 | 51000 | | | | | | | | | 80M4C / 80M4D | 259 | 257 | 244 | 242 | 214 | 212 | 318-319 |
| | | | 2.2 | 2810 | 2.5 | 649 | 51000 | | | | | | | | | | | | | | | | |
| | | | 2.4 | 2576 | 2.8 | 595 | 51000 | | | | | | | | | | | | | | | | |
| | 2.5 | 2421 | 2.9 | 559 | 51000 | | | | | | | | | | | | | | | | | | |
| | 618/13 | | 1.2 | 4924 | 0.8 | 731 | 36600 | 90S6B / 90L6C | 208 | 200 | 195 | 187 | 175 | 167 | 314-315 | | | | | | | | |
| | | | 1.4 | 4372 | 0.9 | 649 | 36600 | | | | | | | | | | | | | | | | |
| | | | 1.5 | 4008 | 1.0 | 595 | 36600 | | | | | | | | | | | | | | | | |
| | | | 1.6 | 3765 | 1.1 | 559 | 36600 | | | | | | | | | | | | | | | | |
| | | | 1.7 | 3536 | 1.1 | 525 | 36600 | | | | | | | | | | | | | | | | |
| | | | 1.9 | 3186 | 1.2 | 473 | 36600 | | | | | | | | | | | | | | | | |
| | | | 2.1 | 2863 | 1.4 | 425 | 36600 | | | | | | | | | | | | | | | | |
| | | | 2.4 | 2539 | 1.6 | 377 | 36600 | | | | | | | | | | | | | | | | |
| | | | 2.5 | 2405 | 1.7 | 357 | 36600 | | | | | | | | | | | | | | | | |
| | | | 2.8 | 2149 | 1.9 | 319 | 36600 | | | | | | | | | | | | | | | | |
| | | | 3.3 | 1839 | 2.2 | 273 | 36600 | | | | | | | | | | | | | | | | |
| | | | 3.9 | 1556 | 2.6 | 231 | 36600 | | | | | | | | | | | | | | | | |
| | | | | 1.9 | 3165 | 1.3 | 731 | 36600 | 80M4C / 80M4D | 205 | 197 | 192 | 184 | 172 | 164 | 314-315 | | | | | | | |
| | | | | 2.2 | 2810 | 1.4 | 649 | 36600 | | | | | | | | | | | | | | | |
| | | | | 2.4 | 2576 | 1.5 | 595 | 36600 | | | | | | | | | | | | | | | |
| | | | | 2.5 | 2421 | 1.6 | 559 | 36600 | | | | | | | | | | | | | | | |
| | | | | 2.7 | 2273 | 1.8 | 525 | 36600 | | | | | | | | | | | | | | | |
| | | | | 3.0 | 2048 | 1.9 | 473 | 36600 | | | | | | | | | | | | | | | |
| | | | | 3.3 | 1840 | 2.2 | 425 | 36600 | | | | | | | | | | | | | | | |
| | | | | 3.7 | 1633 | 2.4 | 377 | 36600 | | | | | | | | | | | | | | | |
| | | | | 3.9 | 1546 | 2.6 | 357 | 36600 | | | | | | | | | | | | | | | |
| | | | | 4.4 | 1381 | 2.9 | 319 | 36600 | | | | | | | | | | | | | | | |
| 3.8 | | | | 1583 | 2.5 | 731 | 36600 | 80M2B / 80M2C | | | | | | | | | 205 | 197 | 192 | 184 | 172 | 164 | 314-315 |
| 4.3 | | | | 1405 | 2.8 | 649 | 36600 | | | | | | | | | | | | | | | | |
| 618/10 | | 1.2 | 4924 | 0.8 | 731 | 36600 | 90S6B / 90L6C | 186 | 193 | 173 | 180 | 153 | 160 | 310-311 | | | | | | | | | |
| | | 1.4 | 4372 | 0.9 | 649 | 36600 | | | | | | | | | | | | | | | | | |
| | | 1.5 | 4008 | 1.0 | 595 | 36600 | | | | | | | | | | | | | | | | | |
| | | 1.6 | 3765 | 1.1 | 559 | 36600 | | | | | | | | | | | | | | | | | |
| | | 1.7 | 3536 | 1.1 | 525 | 36600 | | | | | | | | | | | | | | | | | |
| | | 1.9 | 3186 | 1.2 | 473 | 36600 | | | | | | | | | | | | | | | | | |
| | | 2.1 | 2863 | 1.4 | 425 | 36600 | | | | | | | | | | | | | | | | | |
| | | 2.4 | 2539 | 1.6 | 377 | 36600 | | | | | | | | | | | | | | | | | |
| | | 2.5 | 2405 | 1.7 | 357 | 36600 | | | | | | | | | | | | | | | | | |
| | | 2.8 | 2149 | 1.9 | 319 | 36600 | | | | | | | | | | | | | | | | | |
| | | 3.3 | 1839 | 2.2 | 273 | 36600 | | | | | | | | | | | | | | | | | |
| | | 3.9 | 1556 | 2.6 | 231 | 36600 | | | | | | | | | | | | | | | | | |
| | | 4.6 | 1314 | 2.3 | 195 | 36600 | | | | | | | | | | | | | | | | | |
| | | 5.5 | 1111 | 2.7 | 165 | 36600 | | | | | | | | | | | | | | | | | |
| | | 6.3 | 963 | 2.7 | 143 | 36600 | | | | | | | | | | | | | | | | | |
| | | 7.4 | 815 | 2.7 | 121 | 36600 | | | | | | | | | | | | | | | | | |
| | | 8.7 | 701 | 2.7 | 104 | 36600 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|---------------|-----|-----|-----|-----|-----|---|---------------|---------------|-----|-----|-----|-----|-----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | |
| 0.75 | 618/10 | 1.9 | 3165 | 1.3 | 731 | 36600 | 80M4C / 80M4D | 183 | 190 | 170 | 177 | 150 | 157 | 310-311 | | | | | | | | | |
| | | 2.2 | 2810 | 1.4 | 649 | 36600 | | | | | | | | | | | | | | | | | |
| | | 2.4 | 2576 | 1.5 | 595 | 36600 | | | | | | | | | | | | | | | | | |
| | | 2.5 | 2421 | 1.6 | 559 | 36600 | | | | | | | | | | | | | | | | | |
| | | 2.7 | 2273 | 1.8 | 525 | 36600 | | | | | | | | | | | | | | | | | |
| | | 3.0 | 2048 | 1.9 | 473 | 36600 | | | | | | | | | | | | | | | | | |
| | | 3.3 | 1840 | 2.2 | 425 | 36600 | | | | | | | | | | | | | | | | | |
| | | 3.7 | 1633 | 2.4 | 377 | 36600 | | | | | | | | | | | | | | | | | |
| | | 3.9 | 1546 | 2.6 | 357 | 36600 | | | | | | | | | | | | | | | | | |
| | | 4.4 | 1381 | 2.9 | 319 | 36600 | | | | | | | | | | | | | | | | | |
| | | 3.8 | 1583 | 2.5 | 731 | 36600 | | | | | | | | | 80M2B / 80M2C | 183 | 190 | 170 | 177 | 150 | 157 | 310-311 | |
| | | 4.3 | 1405 | 2.8 | 649 | 36600 | | | | | | | | | | | | | | | | | |
| | | 4.7 | 1288 | 2.9 | 595 | 36600 | | | | | | | | | | | | | | | | | |
| | | 6.6 | 920 | 2.9 | 425 | 36600 | | | | | | | | | | | | | | | | | |
| | 7.8 | 773 | 2.9 | 357 | 36600 | | | | | | | | | | | | | | | | | | |
| | 617/11 | 90S6B / 90L6C | 1.9 | 3186 | 0.8 | 473 | 27000 | 90S6B / 90L6C | 152 | 146 | 152 | 146 | 123 | 117 | 306-307 | | | | | | | | |
| | | | 2.1 | 2863 | 0.9 | 425 | 27000 | | | | | | | | | | | | | | | | |
| | | | 2.4 | 2539 | 1.1 | 377 | 27000 | | | | | | | | | | | | | | | | |
| | | | 2.5 | 2405 | 1.1 | 357 | 27000 | | | | | | | | | | | | | | | | |
| | | | 2.8 | 2149 | 1.3 | 319 | 27000 | | | | | | | | | | | | | | | | |
| | | | 3.3 | 1839 | 1.5 | 273 | 27000 | | | | | | | | | | | | | | | | |
| | | | 3.9 | 1556 | 1.7 | 231 | 27000 | | | | | | | | | | | | | | | | |
| | | | 4.6 | 1314 | 2.0 | 195 | 27000 | | | | | | | | | | | | | | | | |
| | | | 5.5 | 1111 | 2.4 | 165 | 27000 | | | | | | | | | | | | | | | | |
| | | | 6.3 | 963 | 2.8 | 143 | 27000 | | | | | | | | | | | | | | | | |
| | | | 1.9 | 3165 | 0.8 | 731 | 27000 | | | | | | | | | 80M4C / 80M4D | 149 | 143 | 149 | 143 | 120 | 114 | 306-307 |
| | | | 2.2 | 2810 | 1.0 | 649 | 27000 | | | | | | | | | | | | | | | | |
| | | | 2.4 | 2576 | 1.0 | 595 | 27000 | | | | | | | | | | | | | | | | |
| | | | 2.5 | 2421 | 1.1 | 559 | 27000 | | | | | | | | | | | | | | | | |
| | | 2.7 | 2273 | 1.2 | 525 | 27000 | | | | | | | | | | | | | | | | | |
| | | 3.0 | 2048 | 1.3 | 473 | 27000 | | | | | | | | | | | | | | | | | |
| | | 3.3 | 1840 | 1.5 | 425 | 27000 | | | | | | | | | | | | | | | | | |
| | | 3.7 | 1633 | 1.6 | 377 | 27000 | | | | | | | | | | | | | | | | | |
| | | 3.9 | 1546 | 1.7 | 357 | 27000 | | | | | | | | | | | | | | | | | |
| | | 4.4 | 1381 | 1.9 | 319 | 27000 | | | | | | | | | | | | | | | | | |
| | | 5.1 | 1182 | 2.3 | 273 | 27000 | | | | | | | | | | | | | | | | | |
| | | 6.1 | 1000 | 2.7 | 231 | 27000 | | | | | | | | | | | | | | | | | |
| | | 3.8 | 1583 | 1.7 | 731 | 27000 | 80M2B / 80M2C | 149 | 143 | 149 | 143 | 120 | 114 | 306-307 | | | | | | | | | |
| | | 4.3 | 1405 | 1.9 | 649 | 27000 | | | | | | | | | | | | | | | | | |
| | | 4.7 | 1288 | 2.1 | 595 | 27000 | | | | | | | | | | | | | | | | | |
| | | 5.0 | 1210 | 2.2 | 559 | 27000 | | | | | | | | | | | | | | | | | |
| | | 5.3 | 1137 | 2.4 | 525 | 27000 | | | | | | | | | | | | | | | | | |
| | | 5.9 | 1024 | 2.6 | 473 | 27000 | | | | | | | | | | | | | | | | | |
| | 6.6 | 920 | 2.9 | 425 | 27000 | | | | | | | | | | | | | | | | | | |
| | 617/10 | 90S6B / 90L6C | 1.9 | 3186 | 0.8 | 473 | 27000 | 90S6B / 90L6C | 142 | 138 | 142 | 138 | 113 | 109 | 302-303 | | | | | | | | |
| | | | 2.1 | 2863 | 0.9 | 425 | 27000 | | | | | | | | | | | | | | | | |
| | | | 2.4 | 2539 | 1.1 | 377 | 27000 | | | | | | | | | | | | | | | | |
| | | | 2.5 | 2405 | 1.1 | 357 | 27000 | | | | | | | | | | | | | | | | |
| 2.8 | | | 2149 | 1.3 | 319 | 27000 | | | | | | | | | | | | | | | | | |
| 3.3 | | | 1839 | 1.5 | 273 | 27000 | | | | | | | | | | | | | | | | | |
| 3.9 | | | 1556 | 1.7 | 231 | 27000 | | | | | | | | | | | | | | | | | |
| 4.6 | | | 1314 | 2.0 | 195 | 27000 | | | | | | | | | | | | | | | | | |
| 5.5 | | | 1111 | 2.4 | 165 | 27000 | | | | | | | | | | | | | | | | | |
| 6.3 | | | 963 | 2.7 | 143 | 27000 | | | | | | | | | | | | | | | | | |
| 7.4 | | | 815 | 2.7 | 121 | 27000 | | | | | | | | | | | | | | | | | |
| 8.7 | | | 701 | 2.7 | 104 | 27000 | | | | | | | | | | | | | | | | | |
| 1.9 | | | 3165 | 0.8 | 731 | 27000 | 80M4C / 80M4D | | | | | | | | | 139 | 135 | 139 | 135 | 110 | 106 | 302-303 | |
| 2.2 | | | 2810 | 1.0 | 649 | 27000 | | | | | | | | | | | | | | | | | |
| 2.4 | | 2576 | 1.0 | 595 | 27000 | | | | | | | | | | | | | | | | | | |
| 2.5 | | 2421 | 1.1 | 559 | 27000 | | | | | | | | | | | | | | | | | | |
| 2.7 | | 2273 | 1.2 | 525 | 27000 | | | | | | | | | | | | | | | | | | |
| 3.0 | | 2048 | 1.3 | 473 | 27000 | | | | | | | | | | | | | | | | | | |
| 3.3 | | 1840 | 1.5 | 425 | 27000 | | | | | | | | | | | | | | | | | | |
| 3.7 | | 1633 | 1.6 | 377 | 27000 | | | | | | | | | | | | | | | | | | |
| 3.9 | | 1546 | 1.7 | 357 | 27000 | | | | | | | | | | | | | | | | | | |
| 4.4 | | 1381 | 1.9 | 319 | 27000 | | | | | | | | | | | | | | | | | | |
| 5.1 | 1182 | 2.3 | 273 | 27000 | | | | | | | | | | | | | | | | | | | |
| 6.1 | 1000 | 2.7 | 231 | 27000 | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] | IE2 / IE3 | kg ~ | | | | | | mm | | |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|---------------|---------------|---------------|-----|-----|-----|-----|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | |
| 0.75 | 617/10 | 3.8 | 1583 | 1.7 | 731 | 27000 | 80M2B / 80M2C | 139 | 135 | 139 | 135 | 110 | 106 | 302-303 | | |
| | | 4.3 | 1405 | 1.9 | 649 | 27000 | | | | | | | | | | |
| | | 4.7 | 1288 | 2.1 | 595 | 27000 | | | | | | | | | | |
| | | 5.0 | 1210 | 2.2 | 559 | 27000 | | | | | | | | | | |
| | | 5.3 | 1137 | 2.4 | 525 | 27000 | | | | | | | | | | |
| | | 5.9 | 1024 | 2.6 | 473 | 27000 | | | | | | | | | | |
| | | 6.6 | 920 | 2.9 | 425 | 27000 | | | | | | | | | | |
| | 7.8 | 773 | 2.9 | 357 | 27000 | | | | | | | | | | | |
| | 617/09 | 617/09 | 1.9 | 3186 | 0.8 | 473 | 27000 | 90S6B / 90L6C | 140 | 138 | 140 | 138 | 111 | 109 | 298-299 | |
| | | | 2.1 | 2863 | 0.9 | 425 | 27000 | | | | | | | | | |
| | | | 2.4 | 2539 | 1.1 | 377 | 27000 | | | | | | | | | |
| | | | 2.5 | 2405 | 1.1 | 357 | 27000 | | | | | | | | | |
| | | | 2.8 | 2149 | 1.2 | 319 | 27000 | | | | | | | | | |
| | | | 3.3 | 1839 | 1.2 | 273 | 27000 | | | | | | | | | |
| | | | 3.9 | 1556 | 1.2 | 231 | 27000 | | | | | | | | | |
| | | | 4.6 | 1314 | 1.2 | 195 | 27000 | | | | | | | | | |
| | | | 5.5 | 1111 | 1.2 | 165 | 27000 | | | | | | | | | |
| | | | 6.3 | 963 | 1.2 | 143 | 27000 | | | | | | | | | |
| | | 7.4 | 815 | 1.2 | 121 | 27000 | | | | | | | | | | |
| | | 8.7 | 701 | 1.3 | 104 | 27000 | | | | | | | | | | |
| | | 617/09 | 617/09 | 1.9 | 3165 | 0.8 | 731 | 27000 | 80M4C / 80M4D | 137 | 135 | 137 | 135 | 108 | 106 | 298-299 |
| | | | | 2.2 | 2810 | 1.0 | 649 | 27000 | | | | | | | | |
| | | | | 2.4 | 2576 | 1.0 | 595 | 27000 | | | | | | | | |
| | 2.5 | | | 2421 | 1.1 | 559 | 27000 | | | | | | | | | |
| | 2.7 | | | 2273 | 1.2 | 525 | 27000 | | | | | | | | | |
| | 3.0 | | | 2048 | 1.3 | 473 | 27000 | | | | | | | | | |
| | 3.3 | | | 1840 | 1.4 | 425 | 27000 | | | | | | | | | |
| | 3.7 | | | 1633 | 1.6 | 377 | 27000 | | | | | | | | | |
| | 3.9 | | | 1546 | 1.4 | 357 | 27000 | | | | | | | | | |
| | 4.4 | | | 1381 | 1.6 | 319 | 27000 | | | | | | | | | |
| | 5.1 | 1182 | 1.6 | 273 | 27000 | | | | | | | | | | | |
| | 6.1 | 1000 | 1.6 | 231 | 27000 | | | | | | | | | | | |
| | 7.2 | 844 | 1.6 | 195 | 27000 | | | | | | | | | | | |
| | 8.5 | 714 | 1.6 | 165 | 27000 | | | | | | | | | | | |
| | 9.8 | 619 | 1.6 | 143 | 27000 | | | | | | | | | | | |
| | 11.6 | 524 | 1.6 | 121 | 27000 | | | | | | | | | | | |
| | 13.5 | 450 | 1.8 | 104 | 27000 | | | | | | | | | | | |
| | 616/11 | 616/11 | 3.8 | 1583 | 1.4 | 731 | 27000 | 80M2B / 80M2C | 137 | 135 | 137 | 135 | 108 | 106 | 298-299 | |
| | | | 4.3 | 1405 | 1.6 | 649 | 27000 | | | | | | | | | |
| | | | 4.7 | 1288 | 1.4 | 595 | 27000 | | | | | | | | | |
| | | | 5.0 | 1210 | 1.6 | 559 | 27000 | | | | | | | | | |
| | | | 5.3 | 1137 | 1.6 | 525 | 27000 | | | | | | | | | |
| 5.9 | | | 1024 | 1.6 | 473 | 27000 | | | | | | | | | | |
| 6.6 | | | 920 | 1.4 | 425 | 27000 | | | | | | | | | | |
| 7.4 | | | 816 | 1.6 | 377 | 27000 | | | | | | | | | | |
| 7.8 | | | 773 | 1.4 | 357 | 27000 | | | | | | | | | | |
| 8.8 | | | 691 | 1.6 | 319 | 27000 | | | | | | | | | | |
| 10.3 | | | 591 | 1.6 | 273 | 27000 | | | | | | | | | | |
| 12.1 | | | 500 | 1.6 | 231 | 27000 | | | | | | | | | | |
| 14.4 | | | 422 | 1.6 | 195 | 27000 | | | | | | | | | | |
| 17.0 | | 357 | 1.6 | 165 | 26500 | | | | | | | | | | | |
| 19.6 | | 310 | 1.6 | 143 | 25200 | | | | | | | | | | | |
| 23.1 | | 262 | 1.6 | 121 | 23800 | | | | | | | | | | | |
| 26.9 | | 225 | 1.8 | 104 | 22600 | | | | | | | | | | | |
| 616/11 | | 616/11 | 2.8 | 2149 | 0.8 | 319 | 19200 | 90S6B / 90L6C | 117 | 112 | 112 | 107 | 99 | 94 | 294-295 | |
| | 3.3 | | 1839 | 1.0 | 273 | 19200 | | | | | | | | | | |
| | 3.9 | | 1556 | 1.1 | 231 | 19200 | | | | | | | | | | |
| | 4.6 | | 1314 | 1.4 | 195 | 19200 | | | | | | | | | | |
| | 5.5 | | 1111 | 1.6 | 165 | 19200 | | | | | | | | | | |
| | 6.3 | | 963 | 1.8 | 143 | 19200 | | | | | | | | | | |
| | 7.4 | | 815 | 2.2 | 121 | 19200 | | | | | | | | | | |
| | 8.7 | 701 | 2.5 | 104 | 19200 | | | | | | | | | | | |
| | 616/11 | 616/11 | 3.0 | 2048 | 0.9 | 473 | 19200 | 80M4C / 80M4D | 114 | 109 | 109 | 104 | 96 | 91 | 294-295 | |
| | | | 3.3 | 1840 | 1.0 | 425 | 19200 | | | | | | | | | |
| | | | 3.7 | 1633 | 1.1 | 377 | 19200 | | | | | | | | | |
| | | | 3.9 | 1546 | 1.2 | 357 | 19200 | | | | | | | | | |
| | | | 4.4 | 1381 | 1.3 | 319 | 19200 | | | | | | | | | |
| | | | 5.1 | 1182 | 1.5 | 273 | 19200 | | | | | | | | | |
| | | | 6.1 | 1000 | 1.8 | 231 | 19200 | | | | | | | | | |
| 7.2 | | | 844 | 2.1 | 195 | 19200 | | | | | | | | | | |
| 8.5 | 714 | 2.5 | 165 | 19200 | | | | | | | | | | | | |
| 9.8 | 619 | 2.9 | 143 | 19200 | | | | | | | | | | | | |
| 11.6 | 524 | 2.8 | 121 | 19200 | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|---------------|---------------|-----|-----|-----|----|---|---------|---------------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | |
| 0.75 | 616/11 | 3.8 | 1583 | 1.1 | 731 | 19200 | 80M2B / 80M2C | 114 | 109 | 109 | 104 | 96 | 91 | 294-295 | | |
| | | 4.3 | 1405 | 1.3 | 649 | 19200 | | | | | | | | | | |
| | | 4.7 | 1288 | 1.4 | 595 | 19200 | | | | | | | | | | |
| | | 5.0 | 1210 | 1.5 | 559 | 19200 | | | | | | | | | | |
| | | 5.3 | 1137 | 1.6 | 525 | 19200 | | | | | | | | | | |
| | | 5.9 | 1024 | 1.7 | 473 | 19200 | | | | | | | | | | |
| | | 6.6 | 920 | 1.9 | 425 | 19200 | | | | | | | | | | |
| | | 7.4 | 816 | 2.2 | 377 | 19200 | | | | | | | | | | |
| | | 7.8 | 773 | 2.3 | 357 | 19200 | | | | | | | | | | |
| | 8.8 | 691 | 2.6 | 319 | 19200 | | | | | | | | | | | |
| | 0.75 | 616/10 | 2.8 | 2149 | 0.8 | 319 | 19200 | 90S6B / 90L6C | 108 | 104 | 103 | 99 | 90 | 86 | 290-291 | |
| | | | 3.3 | 1839 | 1.0 | 273 | 19200 | | | | | | | | | |
| | | | 3.9 | 1556 | 1.1 | 231 | 19200 | | | | | | | | | |
| | | | 4.6 | 1314 | 1.4 | 195 | 19200 | | | | | | | | | |
| | | | 5.5 | 1111 | 1.6 | 165 | 19200 | | | | | | | | | |
| | | | 6.3 | 963 | 1.8 | 143 | 19200 | | | | | | | | | |
| | | | 7.4 | 815 | 2.1 | 121 | 19200 | | | | | | | | | |
| | | | 8.7 | 701 | 2.5 | 104 | 19200 | | | | | | | | | |
| | | | 3.0 | 2048 | 0.9 | 473 | 19200 | | | | | | | | | 80M4C / 80M4D |
| | | 3.3 | 1840 | 1.0 | 425 | 19200 | | | | | | | | | | |
| | | 3.7 | 1633 | 1.1 | 377 | 19200 | | | | | | | | | | |
| | | 3.9 | 1546 | 1.2 | 357 | 19200 | | | | | | | | | | |
| | | 4.4 | 1381 | 1.3 | 319 | 19200 | | | | | | | | | | |
| | | 5.1 | 1182 | 1.5 | 273 | 19200 | | | | | | | | | | |
| | | 6.1 | 1000 | 1.8 | 231 | 19200 | | | | | | | | | | |
| | | 7.2 | 844 | 2.1 | 195 | 19200 | | | | | | | | | | |
| | | 8.5 | 714 | 2.5 | 165 | 19200 | | | | | | | | | | |
| | | 9.8 | 619 | 2.9 | 143 | 19200 | | | | | | | | | | |
| | | 11.6 | 524 | 2.8 | 121 | 19200 | | | | | | | | | | |
| | | 0.75 | 616/10 | 3.8 | 1583 | 1.1 | 731 | 19200 | 80M2B / 80M2C | 105 | 101 | 100 | 96 | 87 | 83 | 290-291 |
| | | | | 4.3 | 1405 | 1.3 | 649 | 19200 | | | | | | | | |
| | | | | 4.7 | 1288 | 1.4 | 595 | 19200 | | | | | | | | |
| | | | | 5.0 | 1210 | 1.5 | 559 | 19200 | | | | | | | | |
| | | | | 5.3 | 1137 | 1.6 | 525 | 19200 | | | | | | | | |
| | | | | 5.9 | 1024 | 1.7 | 473 | 19200 | | | | | | | | |
| | | | | 6.6 | 920 | 1.9 | 425 | 19200 | | | | | | | | |
| 7.4 | | | | 816 | 2.2 | 377 | 19200 | | | | | | | | | |
| 7.8 | | | | 773 | 2.3 | 357 | 19200 | | | | | | | | | |
| 8.8 | | | 691 | 2.6 | 319 | 19200 | | | | | | | | | | |
| 0.75 | | | 616/09 | 2.8 | 2149 | 0.8 | 319 | 19200 | 90S6B / 90L6C | 106 | 104 | 101 | 99 | 88 | 86 | 286-287 |
| | | | | 3.3 | 1839 | 1.0 | 273 | 19200 | | | | | | | | |
| | | | | 3.9 | 1556 | 1.1 | 231 | 19200 | | | | | | | | |
| | | | | 4.6 | 1314 | 1.2 | 195 | 19200 | | | | | | | | |
| | | | | 5.5 | 1111 | 1.2 | 165 | 19200 | | | | | | | | |
| | | | | 6.3 | 963 | 1.2 | 143 | 19200 | | | | | | | | |
| | | | | 7.4 | 815 | 1.2 | 121 | 19200 | | | | | | | | |
| | 8.7 | | | 701 | 1.3 | 104 | 19200 | | | | | | | | | |
| | 3.0 | | | 2048 | 0.9 | 473 | 19200 | 80M4C / 80M4D | | | | | | | | |
| | 3.3 | | 1840 | 1.0 | 425 | 19200 | | | | | | | | | | |
| | 3.7 | | 1633 | 1.1 | 377 | 19200 | | | | | | | | | | |
| | 3.9 | | 1546 | 1.2 | 357 | 19200 | | | | | | | | | | |
| | 4.4 | | 1381 | 1.3 | 319 | 19200 | | | | | | | | | | |
| | 5.1 | | 1182 | 1.5 | 273 | 19200 | | | | | | | | | | |
| | 6.1 | | 1000 | 1.6 | 231 | 19200 | | | | | | | | | | |
| | 7.2 | | 844 | 1.6 | 195 | 19200 | | | | | | | | | | |
| | 8.5 | | 714 | 1.6 | 165 | 19200 | | | | | | | | | | |
| | 9.8 | | 619 | 1.6 | 143 | 19200 | | | | | | | | | | |
| | 11.6 | | 524 | 1.6 | 121 | 19200 | | | | | | | | | | |
| | 13.5 | | 450 | 1.8 | 104 | 19200 | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | |
|------------------------|---------------|--|------------------------|----------------------|------------------|-------------------------|----------------------|----------------------|-----|----|----|----|----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | |
| 0.75 | 616/09 | 3.8 | 1583 | 1.1 | 731 | 19200 | 80M2B / 80M2C | 103 | 101 | 98 | 96 | 85 | 83 | 286-287 | |
| | | 4.3 | 1405 | 1.3 | 649 | 19200 | | | | | | | | | |
| | | 4.7 | 1288 | 1.4 | 595 | 19200 | | | | | | | | | |
| | | 5.0 | 1210 | 1.5 | 559 | 19200 | | | | | | | | | |
| | | 5.3 | 1137 | 1.6 | 525 | 19200 | | | | | | | | | |
| | | 5.9 | 1024 | 1.6 | 473 | 19200 | | | | | | | | | |
| | | 6.6 | 920 | 1.4 | 425 | 19200 | | | | | | | | | |
| | | 7.4 | 816 | 1.6 | 377 | 19200 | | | | | | | | | |
| | | 7.8 | 773 | 1.4 | 357 | 19200 | | | | | | | | | |
| | | 8.8 | 691 | 1.6 | 319 | 19200 | | | | | | | | | |
| 615 | | 10.3 | 637 | 1.7 | 87 | 15400 | 90S6B / 90L6C | 69 | 61 | 66 | 57 | 60 | 51 | 196-197 | |
| | | 12.7 | 520 | 2.1 | 71 | 15400 | | | | | | | | | |
| | | 15.3 | 432 | 2.6 | 59 | 15400 | | | | | | | | | |
| | | 17.6 | 373 | 3.0 | 51 | 15400 | | | | | | | | | |
| 614/10 | | 5.5 | 1111 | 0.9 | 165 | 14400 | 90S6B / 90L6C | 66 | 63 | 66 | 62 | 59 | 56 | 282-283 | |
| | | 6.3 | 963 | 1.0 | 143 | 14400 | | | | | | | | | |
| | | 7.4 | 815 | 1.2 | 121 | 14400 | | | | | | | | | |
| | | 8.7 | 701 | 1.4 | 104 | 14400 | | | | | | | | | |
| | | 80M4C / 80M4D | 5.1 | 1182 | 0.9 | 273 | 14400 | 63 | 60 | 63 | 59 | 56 | 53 | 282-283 | |
| | | | 6.1 | 1000 | 1.0 | 231 | 14400 | | | | | | | | |
| | | | 7.2 | 844 | 1.2 | 195 | 14400 | | | | | | | | |
| | | | 8.5 | 714 | 1.4 | 165 | 14400 | | | | | | | | |
| | | | 9.8 | 619 | 1.6 | 143 | 14400 | | | | | | | | |
| | | | 11.6 | 524 | 1.9 | 121 | 14400 | | | | | | | | |
| | | | 13.5 | 450 | 2.2 | 104 | 14400 | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | 614/10 | | 5.0 | 1210 | 0.8 | 559 | 14400 | 80M2B / 80M2C | 63 | 60 | 63 | 59 | 56 | 53 | 282-283 |
| | | | 5.3 | 1137 | 0.9 | 525 | 14400 | | | | | | | | |
| | | | 5.9 | 1024 | 1.0 | 473 | 14400 | | | | | | | | |
| | | | 6.6 | 920 | 1.1 | 425 | 14400 | | | | | | | | |
| | | 90S6B / 90L6C | 7.4 | 816 | 1.2 | 377 | 14400 | 65 | 63 | 65 | 62 | 58 | 56 | 278-279 | |
| | | | 7.8 | 773 | 1.3 | 357 | 14400 | | | | | | | | |
| | | | 8.8 | 691 | 1.5 | 319 | 14400 | | | | | | | | |
| | | | 10.3 | 591 | 1.7 | 273 | 14400 | | | | | | | | |
| | | | 12.1 | 500 | 2.0 | 231 | 14400 | | | | | | | | |
| | | | 14.4 | 422 | 2.4 | 195 | 14400 | | | | | | | | |
| | | | 17.0 | 357 | 2.8 | 165 | 14400 | | | | | | | | |
| | | | 19.6 | 310 | 3.0 | 143 | 14400 | | | | | | | | |
| 614/09 | | | 5.5 | 1111 | 0.9 | 165 | 14400 | 90S6B / 90L6C | 65 | 63 | 65 | 62 | 58 | 56 | 278-279 |
| | | | 6.3 | 963 | 1.0 | 143 | 14400 | | | | | | | | |
| | | | 7.4 | 815 | 1.2 | 121 | 14400 | | | | | | | | |
| | | | 8.7 | 701 | 1.3 | 104 | 14400 | | | | | | | | |
| | | 80M4C / 80M4D | 5.1 | 1182 | 0.9 | 273 | 14400 | 62 | 60 | 62 | 59 | 55 | 53 | 278-279 | |
| | | | 6.1 | 1000 | 1.0 | 231 | 14400 | | | | | | | | |
| | | | 7.2 | 844 | 1.2 | 195 | 14400 | | | | | | | | |
| | | | 8.5 | 714 | 1.4 | 165 | 14400 | | | | | | | | |
| | | | 9.8 | 619 | 1.6 | 143 | 14400 | | | | | | | | |
| | | | 11.6 | 524 | 1.6 | 121 | 14400 | | | | | | | | |
| | | | 13.5 | 450 | 1.8 | 104 | 14400 | | | | | | | | |
| | | | | 80M2B / 80M2C | 5.0 | 1210 | 0.8 | | | | | | | | 559 |
| | 5.3 | 1137 | | | 0.9 | 525 | 14400 | | | | | | | | |
| | 5.9 | 1024 | | | 1.0 | 473 | 14400 | | | | | | | | |
| | 6.6 | 920 | | | 1.1 | 425 | 14400 | | | | | | | | |
| | 7.4 | 816 | | | 1.2 | 377 | 14400 | | | | | | | | |
| 7.8 | 773 | 1.3 | | | 357 | 14400 | | | | | | | | | |
| 8.8 | 691 | 1.5 | | | 319 | 14400 | | | | | | | | | |
| 10.3 | 591 | 1.6 | | | 273 | 14400 | | | | | | | | | |
| 12.1 | 500 | 1.6 | 231 | 14400 | | | | | | | | | | | |
| 14.4 | 422 | 1.6 | 195 | 14400 | | | | | | | | | | | |
| 17.0 | 357 | 1.6 | 165 | 14400 | | | | | | | | | | | |
| 19.6 | 310 | 1.6 | 143 | 14400 | | | | | | | | | | | |
| 23.1 | 262 | 1.6 | 121 | 14400 | | | | | | | | | | | |
| 26.9 | 225 | 1.8 | 104 | 14400 | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | | |
|------------------------|---|--|------------------------|----------------|----------------------|-------------------------|--|------|----|----|----|---------|----------------------|---|----------------------|----------------------|----|----|----|---------|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | |
| 0.75 | 614 | 10.3 | 637 | 1.7 | 87 | 14400 | 90S6B / 90L6C | 67 | 61 | 66 | 59 | 60 | 54 | 192-193 | | | | | | | | | |
| | | 12.7 | 520 | 2.1 | 71 | 14400 | | | | | | | | | | | | | | | | | |
| | | 15.3 | 432 | 2.6 | 59 | 14400 | | | | | | | | | | | | | | | | | |
| | | 17.6 | 373 | 3.0 | 51 | 14400 | | | | | | | | | | | | | | | | | |
| | | 16.1 | 409 | 2.6 | 87 | 14400 | | | | | | | | | 80M4C / 80M4D | 64 | 58 | 63 | 57 | 57 | 51 | 192-193 | |
| | | 19.7 | 334 | 2.8 | 71 | 14400 | | | | | | | | | | | | | | | | | |
| | 32.2 | 205 | 2.6 | 87 | 13900 | 80M2B / 80M2C | 64 | 58 | 63 | 57 | 57 | 51 | 192-193 | | | | | | | | | | |
| | 39.4 | 167 | 2.8 | 71 | 13000 | | | | | | | | | | | | | | | | | | |
| | 613/10 | 7.4 | 815 | 0.9 | 121 | 12900 | 90S6B / 90L6C | 66 | 63 | 66 | 62 | 59 | 56 | 270-271 | | | | | | | | | |
| | | | 8.7 | 701 | 1.1 | 104 | | | | | | | | | 12900 | | | | | | | | |
| | | | 7.2 | 844 | 0.9 | 195 | | | | | | | | | 12900 | 80M4C / 80M4D | 63 | 60 | 63 | 59 | 56 | 53 | 270-271 |
| | | | 8.5 | 714 | 1.0 | 165 | | | | | | | | | 12900 | | | | | | | | |
| | | | 9.8 | 619 | 1.2 | 143 | | | | | | | | | 12900 | | | | | | | | |
| | | | 11.6 | 524 | 1.4 | 121 | 12900 | | | | | | | | | | | | | | | | |
| | | 13.5 | 450 | 1.7 | 104 | 12900 | | | | | | | | | | | | | | | | | |
| | | 6.6 | 920 | 0.8 | 425 | 12900 | 80M2B / 80M2C | 63 | 60 | 63 | 59 | 56 | 53 | 270-271 | | | | | | | | | |
| | | 7.4 | 816 | 0.9 | 377 | 12900 | | | | | | | | | | | | | | | | | |
| | | 7.8 | 773 | 1.0 | 357 | 12900 | | | | | | | | | | | | | | | | | |
| | | 8.8 | 691 | 1.1 | 319 | 12900 | | | | | | | | | | | | | | | | | |
| | | 10.3 | 591 | 1.3 | 273 | 12900 | | | | | | | | | | | | | | | | | |
| | | 12.1 | 500 | 1.5 | 231 | 12900 | | | | | | | | | | | | | | | | | |
| | | 14.4 | 422 | 1.8 | 195 | 12900 | | | | | | | | | | | | | | | | | |
| | | 17.0 | 357 | 2.1 | 165 | 12900 | | | | | | | | | | | | | | | | | |
| | | 19.6 | 310 | 2.4 | 143 | 12900 | | | | | | | | | | | | | | | | | |
| 23.1 | | 262 | 2.9 | 121 | 12500 | | | | | | | | | | | | | | | | | | |
| 613/09 | | 7.4 | 815 | 0.9 | 121 | 12900 | | | | | | | | | 90S6B / 90L6C | 65 | 63 | 65 | 62 | 58 | 56 | 266-267 | |
| | 8.7 | | 701 | 1.1 | 104 | 12900 | | | | | | | | | | | | | | | | | |
| | 7.2 | | 844 | 0.9 | 195 | 12900 | 80M4C / 80M4D | 62 | 60 | 62 | 59 | 55 | 53 | 266-267 | | | | | | | | | |
| | 8.5 | | 714 | 1.0 | 165 | 12900 | | | | | | | | | | | | | | | | | |
| | 9.8 | 619 | 1.2 | 143 | 12900 | | | | | | | | | | | | | | | | | | |
| | 11.6 | 524 | 1.4 | 121 | 12900 | | | | | | | | | | | | | | | | | | |
| | 13.5 | 450 | 1.7 | 104 | 12900 | | | | | | | | | | | | | | | | | | |
| | 6.6 | 920 | 0.8 | 425 | 12900 | 80M2B / 80M2C | 62 | 60 | 62 | 59 | 55 | 53 | 266-267 | | | | | | | | | | |
| | 7.4 | 816 | 0.9 | 377 | 12900 | | | | | | | | | | | | | | | | | | |
| | 7.8 | 773 | 1.0 | 357 | 12900 | | | | | | | | | | | | | | | | | | |
| | 8.8 | 691 | 1.1 | 319 | 12900 | | | | | | | | | | | | | | | | | | |
| | 10.3 | 591 | 1.3 | 273 | 12900 | | | | | | | | | | | | | | | | | | |
| 12.1 | 500 | 1.5 | 231 | 12900 | | | | | | | | | | | | | | | | | | | |
| 14.4 | 422 | 1.5 | 195 | 12900 | | | | | | | | | | | | | | | | | | | |
| 17.0 | 357 | 1.5 | 165 | 12900 | | | | | | | | | | | | | | | | | | | |
| 19.6 | 310 | 1.5 | 143 | 12900 | | | | | | | | | | | | | | | | | | | |
| 23.1 | 262 | 1.5 | 121 | 12500 | | | | | | | | | | | | | | | | | | | |
| 26.9 | 225 | 1.7 | 104 | 11900 | | | | | | | | | | | | | | | | | | | |
| 613 | 10.3 | 637 | 1.3 | 87 | 12900 | | | | | | | | | 90S6B / 90L6C | 66 | 60 | 65 | 59 | 59 | 53 | 188-189 | | |
| | | 12.7 | 520 | 1.6 | 71 | 12900 | | | | | | | | | | | | | | | | | |
| | | 15.3 | 432 | 1.9 | 59 | 12900 | | | | | | | | | | | | | | | | | |
| | | 17.6 | 373 | 2.2 | 51 | 12900 | | | | | | | | | | | | | | | | | |
| | | 20.9 | 315 | 2.6 | 43 | 12700 | | | | | | | | | | | | | | | | | |
| | 16.1 | 409 | 1.9 | 87 | 12900 | 80M4C / 80M4D | 63 | 57 | 62 | 56 | 56 | 50 | 188-189 | | | | | | | | | | |
| | 19.7 | 334 | 2.4 | 71 | 12900 | | | | | | | | | | | | | | | | | | |
| | 23.7 | 278 | 2.9 | 59 | 12400 | | | | | | | | | | | | | | | | | | |
| | 32.2 | 205 | 1.9 | 87 | 11200 | | | | | | | | | 80M2B / 80M2C | 63 | 57 | 62 | 56 | 56 | 50 | 188-189 | | |
| 39.4 | 167 | 2.4 | 71 | 10400 | | | | | | | | | | | | | | | | | | | |
| 47.5 | 139 | 2.9 | 59 | 9780 | | | | | | | | | | | | | | | | | | | |
| 10.3 | 637 | 0.9 | 87 | 9620 | 90S6B / 90L6C | 47 | 43 | 45 | 41 | 42 | 38 | 184-185 | | | | | | | | | | | |
| 12.7 | 520 | 1.0 | 71 | 9620 | | | | | | | | | | | | | | | | | | | |
| 15.3 | 432 | 1.3 | 59 | 9620 | | | | | | | | | | | | | | | | | | | |
| 17.6 | 373 | 1.5 | 51 | 9620 | | | | | | | | | | | | | | | | | | | |
| 20.9 | 315 | 1.7 | 43 | 9620 | | | | | | | | | | | | | | | | | | | |
| 25.7 | 256 | 2.2 | 35 | 9620 | | | | | | | | | | | | | | | | | | | |
| 31.0 | 212 | 2.6 | 29 | 9620 | | | | | | | | | | | | | | | | | | | |
| 16.1 | 409 | 1.2 | 87 | 9620 | | | | | | | | | 80M4C / 80M4D | 44 | 40 | 42 | 38 | 39 | 35 | 184-185 | | | |
| 19.7 | 334 | 1.4 | 71 | 9620 | | | | | | | | | | | | | | | | | | | |
| 23.7 | 278 | 1.8 | 59 | 9620 | | | | | | | | | | | | | | | | | | | |
| 27.5 | 240 | 2.2 | 51 | 9620 | | | | | | | | | | | | | | | | | | | |
| 32.6 | 202 | 2.6 | 43 | 9610 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm |
|---|--|--|------------------------|----------------|----------------------|-------------------------|----------------------|------|----|----|----|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | |
| 0.75 | 612 | 32.2 | 205 | 1.2 | 87 | 9620 | 80M2B / 80M2C | 44 | 40 | 42 | 38 | 39 | 35 | 184-185 |
| | | 39.4 | 167 | 1.4 | 71 | 9010 | | | | | | | | |
| | | 47.5 | 139 | 1.8 | 59 | 8470 | | | | | | | | |
| | | 54.9 | 120 | 2.2 | 51 | 8070 | | | | | | | | |
| | | 65.1 | 101 | 2.6 | 43 | 7630 | | | | | | | | |
| | 611/09 | 9.8 | 619 | 0.8 | 143 | 8460 | 80M4C / 80M4D | 47 | 44 | 46 | 43 | 43 | 40 | 258-259 |
| | | 11.6 | 524 | 1.0 | 121 | 8460 | | | | | | | | |
| | | 13.5 | 450 | 1.0 | 104 | 8460 | | | | | | | | |
| | 611 | 10.3 12.7 15.3 17.6 20.9 25.7 31.0 | 637 | 0.9 | 87 | 8460 | 90S6B / 90L6C | 46 | 42 | 45 | 41 | 42 | 38 | 180-181 |
| | | | 520 | 1.0 | 71 | 8460 | | | | | | | | |
| | | | 432 | 1.2 | 59 | 8460 | | | | | | | | |
| | | | 373 | 1.5 | 51 | 8460 | | | | | | | | |
| | | | 315 | 1.7 | 43 | 8460 | | | | | | | | |
| | | | 256 | 2.2 | 35 | 8460 | | | | | | | | |
| | | 212 | 2.6 | 29 | 8460 | | | | | | | | | |
| | | 16.1 19.7 23.7 27.5 32.6 | 409 | 1.2 | 87 | 8460 | 80M4C / 80M4D | 43 | 39 | 42 | 38 | 39 | 35 | 180-181 |
| | | | 334 | 1.3 | 71 | 8460 | | | | | | | | |
| | | | 278 | 1.8 | 59 | 8460 | | | | | | | | |
| | 240 | | 2.2 | 51 | 8460 | | | | | | | | | |
| | 202 | 2.6 | 43 | 8460 | | | | | | | | | | |
| 610 | 20.9 25.7 31.0 36.0 42.9 52.9 60.0 69.2 81.8 112.5 150.0 | 315 | 0.9 | 43 | 5290 | 90S6B / 90L6C | 33 | 30 | 31 | 28 | 30 | 27 | 176-177 | |
| | | 256 | 1.0 | 35 | 5290 | | | | | | | | | |
| | | 212 | 1.3 | 29 | 5290 | | | | | | | | | |
| | | 183 | 1.5 | 25 | 5290 | | | | | | | | | |
| | | 154 | 1.8 | 21 | 5290 | | | | | | | | | |
| | | 124 | 2.2 | 17 | 5290 | | | | | | | | | |
| | | 110 | 2.5 | 15 | 5290 | | | | | | | | | |
| | | 95 | 2.3 | 13 | 5290 | | | | | | | | | |
| | | 81 | 2.7 | 11 | 5290 | | | | | | | | | |
| | 59 | 2.7 | 8 | 5010 | | | | | | | | | | |
| | 44 | 2.7 | 6 | 4550 | | | | | | | | | | |
| | 23.7 27.5 32.6 40.0 48.3 56.0 66.7 82.4 | 278 | 0.8 | 59 | 5290 | 80M4C / 80M4D | 30 | 27 | 28 | 25 | 27 | 24 | 176-177 | |
| | | 240 | 0.9 | 51 | 5290 | | | | | | | | | |
| | | 202 | 1.2 | 43 | 5290 | | | | | | | | | |
| | | 165 | 1.4 | 35 | 5290 | | | | | | | | | |
| 136 | | 1.8 | 29 | 5290 | | | | | | | | | | |
| 118 | | 2.0 | 25 | 5290 | | | | | | | | | | |
| 47.5 54.9 65.1 80.0 96.6 112.0 133.3 164.7 | 139 | 0.8 | 59 | 5290 | 80M2B / 80M2C | 30 | 27 | 28 | 25 | 27 | 24 | 176-177 | | |
| | 120 | 0.9 | 51 | 5290 | | | | | | | | | | |
| | 101 | 1.2 | 43 | 5290 | | | | | | | | | | |
| | 82 | 1.4 | 35 | 5290 | | | | | | | | | | |
| | 68 | 1.8 | 29 | 5290 | | | | | | | | | | |
| | 59 | 2.0 | 25 | 5080 | | | | | | | | | | |
| | 49 | 2.7 | 21 | 4790 | | | | | | | | | | |
| 40 | 2.9 | 17 | 4470 | | | | | | | | | | | |
| 609 | 42.9 52.9 60.0 69.2 81.8 112.5 150.0 | 154 | 0.9 | 21 | 3280 | 90S6B / 90L6C | 32 | 28 | 30 | 26 | 29 | 25 | 172-173 | |
| | | 124 | 1.1 | 17 | 3280 | | | | | | | | | |
| | | 110 | 1.1 | 15 | 3280 | | | | | | | | | |
| | | 95 | 1.2 | 13 | 3280 | | | | | | | | | |
| | | 81 | 1.2 | 11 | 3280 | | | | | | | | | |
| | | 59 | 1.3 | 8 | 3190 | | | | | | | | | |
| | | 44 | 1.3 | 6 | 2890 | | | | | | | | | |
| | 48.3 56.0 66.7 82.4 93.3 107.7 127.3 175.0 233.3 | 136 | 0.9 | 29 | 3280 | 80M4C / 80M4D | 29 | 25 | 27 | 23 | 26 | 22 | 172-173 | |
| | | 118 | 1.0 | 25 | 3280 | | | | | | | | | |
| | | 99 | 1.3 | 21 | 3280 | | | | | | | | | |
| | | 80 | 1.4 | 17 | 3280 | | | | | | | | | |
| | | 71 | 1.5 | 15 | 3280 | | | | | | | | | |
| | | 61 | 1.6 | 13 | 3270 | | | | | | | | | |
| | | 52 | 1.6 | 11 | 3090 | | | | | | | | | |
| 38 | 1.8 | 8 | 2780 | | | | | | | | | | | |
| 28 | 1.8 | 6 | 2530 | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|----------------------|-----|-----|-----|-----|-----|---|---------|--|--|--|--|--|--|--|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 0.75 | 609 | 96.6 | 68 | 0.9 | 29 | 3280 | 80M2B / 80M2C | 29 | 25 | 27 | 23 | 26 | 22 | 172-173 | | | | | | | | |
| | | 112.0 | 59 | 1.0 | 25 | 3230 | | | | | | | | | | | | | | | | |
| | | 133.3 | 49 | 1.3 | 21 | 3040 | | | | | | | | | | | | | | | | |
| | | 164.7 | 40 | 1.4 | 17 | 2830 | | | | | | | | | | | | | | | | |
| | | 186.7 | 35 | 1.5 | 15 | 2730 | | | | | | | | | | | | | | | | |
| | | 215.4 | 31 | 1.6 | 13 | 2600 | | | | | | | | | | | | | | | | |
| | | 254.5 | 26 | 1.6 | 11 | 2450 | | | | | | | | | | | | | | | | |
| | | 350.0 | 19 | 1.8 | 8 | 2210 | | | | | | | | | | | | | | | | |
| 466.7 | 14 | 1.8 | 6 | 2000 | | | | | | | | | | | | | | | | | | |
| 1.10 | 623/16 | 1.2 | 7222 | 2.5 | 731 | 175000 | 90L6C / 90L6D | 577 | 564 | 548 | 535 | 504 | 491 | 350-351 | | | | | | | | |
| | | 1.4 | 6412 | 2.8 | 649 | 175000 | | | | | | | | | | | | | | | | |
| | 622/13 | | 1.2 | 7222 | 1.9 | 731 | 142000 | 90L6C / 90L6D | 453 | 446 | 440 | 433 | 410 | 403 | 342-343 | | | | | | | |
| | | | 1.4 | 6412 | 2.2 | 649 | 142000 | | | | | | | | | | | | | | | |
| | | | 1.6 | 5523 | 2.5 | 559 | 142000 | | | | | | | | | | | | | | | |
| | | | 1.9 | 4673 | 3.0 | 473 | 142000 | | | | | | | | | | | | | | | |
| | | | 1.9 | 4643 | 3.0 | 731 | 142000 | 90L4B / 90L4C | 504 | 491 | 440 | 433 | 410 | 403 | 342-343 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | 621/16 | | 1.2 | 7222 | 1.5 | 731 | 84400 | 90L6C / 90L6D | 402 | 391 | 380 | 369 | 361 | 350 | 338-339 | | | | | | | |
| | | | 1.4 | 6412 | 1.7 | 649 | 84400 | | | | | | | | | | | | | | | |
| | | | 1.6 | 5523 | 2.0 | 559 | 84400 | | | | | | | | | | | | | | | |
| | | | 1.9 | 4673 | 2.4 | 473 | 84400 | | | | | | | | | | | | | | | |
| | | | 2.4 | 3725 | 2.5 | 377 | 84400 | | | | | | | | | | | | | | | |
| | | | 2.5 | 3527 | 2.7 | 357 | 84400 | | | | | | | | | | | | | | | |
| | | | 2.8 | 3152 | 3.0 | 319 | 84400 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | 621/13 | | 1.2 | 7222 | 1.5 | 731 | 84400 | 90L6C / 90L6D | 378 | 371 | 356 | 349 | 337 | 330 | 334-335 | | | | | | | |
| | | | 1.4 | 6412 | 1.7 | 649 | 84400 | | | | | | | | | | | | | | | |
| | | | 1.6 | 5523 | 2.0 | 559 | 84400 | | | | | | | | | | | | | | | |
| | | | 1.9 | 4673 | 2.4 | 473 | 84400 | | | | | | | | | | | | | | | |
| | | | 2.4 | 3725 | 2.5 | 377 | 84400 | | | | | | | | | | | | | | | |
| | | | 2.5 | 3527 | 2.7 | 357 | 84400 | | | | | | | | | | | | | | | |
| | | | 2.8 | 3152 | 3.0 | 319 | 84400 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | 620/13 | | 1.2 | 7222 | 1.1 | 731 | 67800 | 90L6C / 90L6D | 298 | 290 | 286 | 278 | 271 | 263 | 330-331 | | | | | | | |
| | | | 1.4 | 6412 | 1.3 | 649 | 67800 | | | | | | | | | | | | | | | |
| 1.6 | | | 5523 | 1.5 | 559 | 67800 | | | | | | | | | | | | | | | | |
| 1.9 | | | 4673 | 1.8 | 473 | 67800 | | | | | | | | | | | | | | | | |
| 2.4 | | | 3725 | 1.9 | 377 | 67800 | | | | | | | | | | | | | | | | |
| 2.5 | | | 3527 | 2.0 | 357 | 67800 | | | | | | | | | | | | | | | | |
| 2.8 | | | 3152 | 2.3 | 319 | 67800 | | | | | | | | | | | | | | | | |
| 3.3 | | | 2697 | 2.6 | 273 | 67800 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| 620/11 | | 1.2 | 7222 | 1.1 | 731 | 67800 | 90L6C / 90L6D | 283 | 280 | 271 | 268 | 256 | 253 | 326-327 | | | | | | | | |
| | | 1.4 | 6412 | 1.3 | 649 | 67800 | | | | | | | | | | | | | | | | |
| | | 1.6 | 5523 | 1.5 | 559 | 67800 | | | | | | | | | | | | | | | | |
| | | 1.9 | 4673 | 1.8 | 473 | 67800 | | | | | | | | | | | | | | | | |
| | | 2.4 | 3725 | 1.9 | 377 | 67800 | | | | | | | | | | | | | | | | |
| | | 2.5 | 3527 | 2.0 | 357 | 67800 | | | | | | | | | | | | | | | | |
| | | 2.8 | 3152 | 2.3 | 319 | 67800 | | | | | | | | | | | | | | | | |
| | | 3.3 | 2697 | 2.6 | 273 | 67800 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | 1.9 | 4643 | 1.8 | 731 | 67800 | 90L4B / 90L4C | 283 | 280 | 271 | 268 | 256 | 253 | 326-327 | | | | | | | | |
| | | 2.2 | 4122 | 2.0 | 649 | 67800 | | | | | | | | | | | | | | | | |
| | | 2.5 | 3550 | 2.3 | 559 | 67800 | | | | | | | | | | | | | | | | |
| | | 3.0 | 3004 | 2.8 | 473 | 67800 | | | | | | | | | | | | | | | | |
| | | 3.7 | 2394 | 3.0 | 377 | 67800 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | | | | | |
|------------------------|---------------|--|------------------------|----------------|------------------|-------------------------|---------------|------|-----|-----|-----|-----|---------|---------|-----|-----|-----|-----|-----|-----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | |
| 1.10 | 619/13 | 1.2 | 7222 | 1.0 | 731 | 51000 | 90L6C / 90L6D | 273 | 267 | 258 | 252 | 228 | 222 | 322-323 | | | | | | | |
| | | 1.4 | 6412 | 1.1 | 649 | 51000 | | | | | | | | | | | | | | | |
| | | 1.5 | 5878 | 1.2 | 595 | 51000 | | | | | | | | | | | | | | | |
| | | 1.6 | 5523 | 1.3 | 559 | 51000 | | | | | | | | | | | | | | | |
| | | 1.7 | 5187 | 1.4 | 525 | 51000 | | | | | | | | | | | | | | | |
| | | 1.9 | 4673 | 1.5 | 473 | 51000 | | | | | | | | | | | | | | | |
| | | 2.1 | 4199 | 1.7 | 425 | 51000 | | | | | | | | | | | | | | | |
| | | 2.4 | 3725 | 1.9 | 377 | 51000 | | | | | | | | | | | | | | | |
| | | 2.5 | 3527 | 2.0 | 357 | 51000 | | | | | | | | | | | | | | | |
| | | 2.8 | 3152 | 2.3 | 319 | 51000 | | | | | | | | | | | | | | | |
| | | 3.3 | 2697 | 2.6 | 273 | 51000 | | | | | | | | | | | | | | | |
| | | 3.8 | 2321 | 2.9 | 731 | 51000 | | | | | | | | | | | | | | | |
| | 619/11 | 90L6C / 90L6D | 1.2 | 7222 | 1.0 | 731 | 51000 | 262 | 260 | 247 | 245 | 217 | 215 | 318-319 | | | | | | | |
| | | | 1.4 | 6412 | 1.1 | 649 | 51000 | | | | | | | | | | | | | | |
| | | | 1.5 | 5878 | 1.2 | 595 | 51000 | | | | | | | | | | | | | | |
| | | | 1.6 | 5523 | 1.3 | 559 | 51000 | | | | | | | | | | | | | | |
| | | | 1.7 | 5187 | 1.4 | 525 | 51000 | | | | | | | | | | | | | | |
| | | | 1.9 | 4673 | 1.5 | 473 | 51000 | | | | | | | | | | | | | | |
| | | | 2.1 | 4199 | 1.7 | 425 | 51000 | | | | | | | | | | | | | | |
| | | | 2.4 | 3725 | 1.9 | 377 | 51000 | | | | | | | | | | | | | | |
| | | | 2.5 | 3527 | 2.0 | 357 | 51000 | | | | | | | | | | | | | | |
| | | | 2.8 | 3152 | 2.3 | 319 | 51000 | | | | | | | | | | | | | | |
| | | | 3.3 | 2697 | 2.6 | 273 | 51000 | | | | | | | | | | | | | | |
| | | | 4.6 | 1926 | 3.0 | 195 | 51000 | | | | | | | | | | | | | | |
| | 618/13 | 90L4B / 90L4C | 1.9 | 4643 | 1.5 | 731 | 51000 | 262 | 260 | 247 | 245 | 217 | 215 | 318-319 | | | | | | | |
| | | | 2.2 | 4122 | 1.7 | 649 | 51000 | | | | | | | | | | | | | | |
| | | | 2.4 | 3779 | 1.9 | 595 | 51000 | | | | | | | | | | | | | | |
| | | | 2.5 | 3550 | 2.0 | 559 | 51000 | | | | | | | | | | | | | | |
| | | | 2.7 | 3334 | 2.1 | 525 | 51000 | | | | | | | | | | | | | | |
| | | | 3.0 | 3004 | 2.4 | 473 | 51000 | | | | | | | | | | | | | | |
| | | | 3.3 | 2699 | 2.6 | 425 | 51000 | | | | | | | | | | | | | | |
| | | | 3.7 | 2394 | 3.0 | 377 | 51000 | | | | | | | | | | | | | | |
| | | | 1.9 | 4673 | 0.9 | 473 | 36600 | | | | | | | | 208 | 200 | 195 | 187 | 175 | 167 | 314-315 |
| | | | 2.1 | 4199 | 0.9 | 425 | 36600 | | | | | | | | | | | | | | |
| | | | 2.4 | 3725 | 1.1 | 377 | 36600 | | | | | | | | | | | | | | |
| | | | 2.5 | 3527 | 1.1 | 357 | 36600 | | | | | | | | | | | | | | |
| 2.8 | 3152 | 1.3 | 319 | 36600 | | | | | | | | | | | | | | | | | |
| 3.3 | 2697 | 1.5 | 273 | 36600 | | | | | | | | | | | | | | | | | |
| 3.9 | 2282 | 1.7 | 231 | 36600 | | | | | | | | | | | | | | | | | |
| 4.6 | 1926 | 2.1 | 195 | 36600 | | | | | | | | | | | | | | | | | |
| 5.5 | 1630 | 2.4 | 165 | 36600 | | | | | | | | | | | | | | | | | |
| 6.3 | 1413 | 2.8 | 143 | 36600 | | | | | | | | | | | | | | | | | |
| 7.4 | 1195 | 2.7 | 121 | 36600 | | | | | | | | | | | | | | | | | |
| 618/13 | 80M2C / 80M2D | 1.9 | 4643 | 0.9 | 731 | 36600 | 205 | 197 | 192 | 184 | 172 | 164 | 314-315 | | | | | | | | |
| | | 2.2 | 4122 | 1.0 | 649 | 36600 | | | | | | | | | | | | | | | |
| | | 2.4 | 3779 | 1.1 | 595 | 36600 | | | | | | | | | | | | | | | |
| | | 2.5 | 3550 | 1.1 | 559 | 36600 | | | | | | | | | | | | | | | |
| | | 2.7 | 3334 | 1.2 | 525 | 36600 | | | | | | | | | | | | | | | |
| | | 3.0 | 3004 | 1.3 | 473 | 36600 | | | | | | | | | | | | | | | |
| | | 3.3 | 2699 | 1.5 | 425 | 36600 | | | | | | | | | | | | | | | |
| | | 3.7 | 2394 | 1.7 | 377 | 36600 | | | | | | | | | | | | | | | |
| | | 3.9 | 2267 | 1.8 | 357 | 36600 | | | | | | | | | | | | | | | |
| | | 4.4 | 2026 | 2.0 | 319 | 36600 | | | | | | | | | | | | | | | |
| | | 5.1 | 1734 | 2.3 | 273 | 36600 | | | | | | | | | | | | | | | |
| | | 6.1 | 1467 | 2.7 | 231 | 36600 | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|----------------------|-------------------------|--|------|-----|-----|-----|---------|---------|---|----------------------|-----|-----|-----|-----|-----|-----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 1.10 | 618/10 | 1.9 | 4673 | 0.9 | 473 | 36600 | 90L6C / 90L6D | 186 | 193 | 173 | 180 | 153 | 160 | 310-311 | | | | | | | | |
| | | 2.1 | 4199 | 0.9 | 425 | 36600 | | | | | | | | | | | | | | | | |
| | | 2.4 | 3725 | 1.1 | 377 | 36600 | | | | | | | | | | | | | | | | |
| | | 2.5 | 3527 | 1.1 | 357 | 36600 | | | | | | | | | | | | | | | | |
| | | 2.8 | 3152 | 1.3 | 319 | 36600 | | | | | | | | | | | | | | | | |
| | | 3.3 | 2697 | 1.5 | 273 | 36600 | | | | | | | | | | | | | | | | |
| | | 3.9 | 2282 | 1.7 | 231 | 36600 | | | | | | | | | | | | | | | | |
| | | 4.6 | 1926 | 1.6 | 195 | 36600 | | | | | | | | | | | | | | | | |
| | | 5.5 | 1630 | 1.8 | 165 | 36600 | | | | | | | | | | | | | | | | |
| | | 6.3 | 1413 | 1.8 | 143 | 36600 | | | | | | | | | | | | | | | | |
| | | 7.4 | 1195 | 1.8 | 121 | 36600 | | | | | | | | | | | | | | | | |
| | | 8.7 | 1027 | 1.8 | 104 | 36600 | | | | | | | | | | | | | | | | |
| | | 1.9 | 4643 | 0.9 | 731 | 36600 | | | | | | | | | 90L4B / 90L4C | 186 | 193 | 173 | 180 | 153 | 160 | 310-311 |
| | | 2.2 | 4122 | 1.0 | 649 | 36600 | | | | | | | | | | | | | | | | |
| | | 2.4 | 3779 | 1.1 | 595 | 36600 | | | | | | | | | | | | | | | | |
| | | 2.5 | 3550 | 1.1 | 559 | 36600 | | | | | | | | | | | | | | | | |
| | | 2.7 | 3334 | 1.2 | 525 | 36600 | | | | | | | | | | | | | | | | |
| | | 3.0 | 3004 | 1.3 | 473 | 36600 | | | | | | | | | | | | | | | | |
| | | 3.3 | 2699 | 1.5 | 425 | 36600 | | | | | | | | | | | | | | | | |
| | | 3.7 | 2394 | 1.7 | 377 | 36600 | | | | | | | | | | | | | | | | |
| | | 3.9 | 2267 | 1.8 | 357 | 36600 | | | | | | | | | | | | | | | | |
| | | 4.4 | 2026 | 2.0 | 319 | 36600 | | | | | | | | | | | | | | | | |
| | | 5.1 | 1734 | 2.3 | 273 | 36600 | | | | | | | | | | | | | | | | |
| | | 6.1 | 1467 | 2.5 | 231 | 36600 | | | | | | | | | | | | | | | | |
| | 7.2 | 1238 | 2.4 | 195 | 36600 | | | | | | | | | | | | | | | | | |
| | 8.5 | 1048 | 2.5 | 165 | 36600 | | | | | | | | | | | | | | | | | |
| | 9.8 | 908 | 2.5 | 143 | 36600 | | | | | | | | | | | | | | | | | |
| | 11.6 | 768 | 2.5 | 121 | 36600 | | | | | | | | | | | | | | | | | |
| | 13.5 | 661 | 2.5 | 104 | 36600 | | | | | | | | | | | | | | | | | |
| | 3.8 | 2321 | 1.7 | 731 | 36600 | 80M2C / 80M2D | 183 | 190 | 170 | 177 | 150 | 157 | 310-311 | | | | | | | | | |
| | 4.3 | 2061 | 1.9 | 649 | 36600 | | | | | | | | | | | | | | | | | |
| | 4.7 | 1889 | 2.0 | 595 | 36600 | | | | | | | | | | | | | | | | | |
| | 5.0 | 1775 | 2.4 | 559 | 36600 | | | | | | | | | | | | | | | | | |
| | 5.3 | 1667 | 2.5 | 525 | 36600 | | | | | | | | | | | | | | | | | |
| | 5.9 | 1502 | 2.5 | 473 | 36600 | | | | | | | | | | | | | | | | | |
| | 6.6 | 1350 | 2.0 | 425 | 36600 | | | | | | | | | | | | | | | | | |
| | 7.4 | 1197 | 2.4 | 377 | 36600 | | | | | | | | | | | | | | | | | |
| | 7.8 | 1134 | 2.0 | 357 | 36600 | | | | | | | | | | | | | | | | | |
| | 8.8 | 1013 | 2.5 | 319 | 36600 | | | | | | | | | | | | | | | | | |
| | 10.3 | 867 | 2.4 | 273 | 36600 | | | | | | | | | | | | | | | | | |
| | 12.1 | 734 | 2.5 | 231 | 36600 | | | | | | | | | | | | | | | | | |
| | 14.4 | 619 | 2.4 | 195 | 36600 | | | | | | | | | | | | | | | | | |
| | 17.0 | 524 | 2.5 | 165 | 35500 | | | | | | | | | | | | | | | | | |
| | 19.6 | 454 | 2.5 | 143 | 33800 | | | | | | | | | | | | | | | | | |
| | 23.1 | 384 | 2.5 | 121 | 32100 | | | | | | | | | | | | | | | | | |
| | 26.9 | 330 | 2.5 | 104 | 30500 | | | | | | | | | | | | | | | | | |
| | 2.8 | 3152 | 0.9 | 319 | 27000 | 90L6C / 90L6D | 152 | 146 | 152 | 146 | 123 | 117 | 306-307 | | | | | | | | | |
| | 3.3 | 2697 | 1.0 | 273 | 27000 | | | | | | | | | | | | | | | | | |
| 3.9 | 2282 | 1.2 | 231 | 27000 | | | | | | | | | | | | | | | | | | |
| 4.6 | 1926 | 1.4 | 195 | 27000 | | | | | | | | | | | | | | | | | | |
| 5.5 | 1630 | 1.7 | 165 | 27000 | | | | | | | | | | | | | | | | | | |
| 6.3 | 1413 | 1.9 | 143 | 27000 | | | | | | | | | | | | | | | | | | |
| 7.4 | 1195 | 2.1 | 121 | 27000 | | | | | | | | | | | | | | | | | | |
| 8.7 | 1027 | 2.6 | 104 | 27000 | | | | | | | | | | | | | | | | | | |
| 2.7 | 3334 | 0.8 | 525 | 27000 | 90L4B / 90L4C | 152 | 146 | 152 | 146 | 123 | 117 | 306-307 | | | | | | | | | | |
| 3.0 | 3004 | 0.9 | 473 | 27000 | | | | | | | | | | | | | | | | | | |
| 3.3 | 2699 | 1.0 | 425 | 27000 | | | | | | | | | | | | | | | | | | |
| 3.7 | 2394 | 1.1 | 377 | 27000 | | | | | | | | | | | | | | | | | | |
| 3.9 | 2267 | 1.2 | 357 | 27000 | | | | | | | | | | | | | | | | | | |
| 4.4 | 2026 | 1.3 | 319 | 27000 | | | | | | | | | | | | | | | | | | |
| 5.1 | 1734 | 1.6 | 273 | 27000 | | | | | | | | | | | | | | | | | | |
| 6.1 | 1467 | 1.8 | 231 | 27000 | | | | | | | | | | | | | | | | | | |
| 7.2 | 1238 | 2.2 | 195 | 27000 | | | | | | | | | | | | | | | | | | |
| 8.5 | 1048 | 2.6 | 165 | 27000 | 80M2C / 80M2D | 149 | 143 | 149 | 143 | 120 | 114 | 306-307 | | | | | | | | | | |
| 9.8 | 908 | 3.0 | 143 | 27000 | | | | | | | | | | | | | | | | | | |
| 3.8 | 2321 | 1.2 | 731 | 27000 | | | | | | | | | | | | | | | | | | |
| 4.3 | 2061 | 1.3 | 649 | 27000 | | | | | | | | | | | | | | | | | | |
| 4.7 | 1889 | 1.4 | 595 | 27000 | | | | | | | | | | | | | | | | | | |
| 5.0 | 1775 | 1.5 | 559 | 27000 | | | | | | | | | | | | | | | | | | |
| 5.3 | 1667 | 1.6 | 525 | 27000 | | | | | | | | | | | | | | | | | | |
| 5.9 | 1502 | 1.8 | 473 | 27000 | | | | | | | | | | | | | | | | | | |
| 6.6 | 1350 | 2.0 | 425 | 27000 | | | | | | | | | | | | | | | | | | |
| 7.4 | 1197 | 2.2 | 377 | 27000 | | | | | | | | | | | | | | | | | | |
| 7.8 | 1134 | 2.4 | 357 | 27000 | | | | | | | | | | | | | | | | | | |
| 8.8 | 1013 | 2.7 | 319 | 27000 | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] | IE2 / IE3 | kg ~ | | | | | | mm | | | | | | | | |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|---------------|------|-----|-----|-----|-----|---------|---------|--|--|--|--|--|--|--|--|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 1.10 | 617/10 | 2.8 | 3152 | 0.9 | 319 | 27000 | 90L6C / 90L6D | 142 | 138 | 142 | 138 | 113 | 109 | 302-303 | | | | | | | | |
| | | 3.3 | 2697 | 1.0 | 273 | 27000 | | | | | | | | | | | | | | | | |
| | | 3.9 | 2282 | 1.2 | 231 | 27000 | | | | | | | | | | | | | | | | |
| | | 4.6 | 1926 | 1.4 | 195 | 27000 | | | | | | | | | | | | | | | | |
| | | 5.5 | 1630 | 1.7 | 165 | 27000 | | | | | | | | | | | | | | | | |
| | | 6.3 | 1413 | 1.8 | 143 | 27000 | | | | | | | | | | | | | | | | |
| | | 7.4 | 1195 | 1.8 | 121 | 27000 | | | | | | | | | | | | | | | | |
| | | 8.7 | 1027 | 1.8 | 104 | 27000 | | | | | | | | | | | | | | | | |
| | | 2.7 | 3334 | 0.8 | 525 | 27000 | 90L4B / 90L4C | 142 | 138 | 142 | 138 | 113 | 109 | 302-303 | | | | | | | | |
| | | 3.0 | 3004 | 0.9 | 473 | 27000 | | | | | | | | | | | | | | | | |
| | | 3.3 | 2699 | 1.0 | 425 | 27000 | | | | | | | | | | | | | | | | |
| | | 3.7 | 2394 | 1.1 | 377 | 27000 | | | | | | | | | | | | | | | | |
| | | 3.9 | 2267 | 1.2 | 357 | 27000 | | | | | | | | | | | | | | | | |
| | | 4.4 | 2026 | 1.3 | 319 | 27000 | | | | | | | | | | | | | | | | |
| | | 5.1 | 1734 | 1.6 | 273 | 27000 | | | | | | | | | | | | | | | | |
| | | 6.1 | 1467 | 1.8 | 231 | 27000 | | | | | | | | | | | | | | | | |
| | | 7.2 | 1238 | 2.2 | 195 | 27000 | | | | | | | | | | | | | | | | |
| | | 8.5 | 1048 | 2.5 | 165 | 27000 | | | | | | | | | | | | | | | | |
| | | 9.8 | 908 | 2.5 | 143 | 27000 | | | | | | | | | | | | | | | | |
| | | 11.6 | 768 | 2.5 | 121 | 27000 | | | | | | | | | | | | | | | | |
| | | 13.5 | 661 | 2.5 | 104 | 27000 | | | | | | | | | | | | | | | | |
| | | 3.8 | 2321 | 1.2 | 731 | 27000 | 80M2C / 80M2D | 139 | 135 | 139 | 135 | 110 | 106 | 302-303 | | | | | | | | |
| | | 4.3 | 2061 | 1.3 | 649 | 27000 | | | | | | | | | | | | | | | | |
| | | 4.7 | 1889 | 1.4 | 595 | 27000 | | | | | | | | | | | | | | | | |
| | | 5.0 | 1775 | 1.5 | 559 | 27000 | | | | | | | | | | | | | | | | |
| | | 5.3 | 1667 | 1.6 | 525 | 27000 | | | | | | | | | | | | | | | | |
| | | 5.9 | 1502 | 1.8 | 473 | 27000 | | | | | | | | | | | | | | | | |
| | 6.6 | 1350 | 2.0 | 425 | 27000 | | | | | | | | | | | | | | | | | |
| | 7.4 | 1197 | 2.4 | 377 | 27000 | | | | | | | | | | | | | | | | | |
| | 7.8 | 1134 | 2.0 | 357 | 27000 | | | | | | | | | | | | | | | | | |
| | 8.8 | 1013 | 2.5 | 319 | 27000 | | | | | | | | | | | | | | | | | |
| | 10.3 | 867 | 2.4 | 273 | 27000 | | | | | | | | | | | | | | | | | |
| | 12.1 | 734 | 2.5 | 231 | 27000 | | | | | | | | | | | | | | | | | |
| | 14.4 | 619 | 2.4 | 195 | 27000 | | | | | | | | | | | | | | | | | |
| | 17.0 | 524 | 2.5 | 165 | 26500 | | | | | | | | | | | | | | | | | |
| | 19.6 | 454 | 2.5 | 143 | 25200 | | | | | | | | | | | | | | | | | |
| | 23.1 | 384 | 2.5 | 121 | 23800 | | | | | | | | | | | | | | | | | |
| | 26.9 | 330 | 2.5 | 104 | 22600 | | | | | | | | | | | | | | | | | |
| | 617/09 | 90L6C / 90L6D | 2.8 | 3152 | 0.8 | 319 | 27000 | 140 | 138 | 140 | 138 | 111 | 109 | 298-299 | | | | | | | | |
| | | | 3.3 | 2697 | 0.8 | 273 | 27000 | | | | | | | | | | | | | | | |
| | | | 3.9 | 2282 | 0.8 | 231 | 27000 | | | | | | | | | | | | | | | |
| | | | 4.6 | 1926 | 0.8 | 195 | 27000 | | | | | | | | | | | | | | | |
| | | | 5.5 | 1630 | 0.8 | 165 | 27000 | | | | | | | | | | | | | | | |
| | | | 6.3 | 1413 | 0.8 | 143 | 27000 | | | | | | | | | | | | | | | |
| | | | 7.4 | 1195 | 0.8 | 121 | 27000 | | | | | | | | | | | | | | | |
| 8.7 | | | 1027 | 0.9 | 104 | 27000 | | | | | | | | | | | | | | | | |
| 90L4B / 90L4C | | 2.7 | 3334 | 0.8 | 525 | 27000 | 140 | 138 | 140 | 138 | 111 | 109 | 298-299 | | | | | | | | | |
| | | 3.0 | 3004 | 0.9 | 473 | 27000 | | | | | | | | | | | | | | | | |
| | | 3.3 | 2699 | 1.0 | 425 | 27000 | | | | | | | | | | | | | | | | |
| | | 3.7 | 2394 | 1.1 | 377 | 27000 | | | | | | | | | | | | | | | | |
| | | 3.9 | 2267 | 1.0 | 357 | 27000 | | | | | | | | | | | | | | | | |
| | | 4.4 | 2026 | 1.1 | 319 | 27000 | | | | | | | | | | | | | | | | |
| | | 5.1 | 1734 | 1.1 | 273 | 27000 | | | | | | | | | | | | | | | | |
| | | 6.1 | 1467 | 1.1 | 231 | 27000 | | | | | | | | | | | | | | | | |
| | | 7.2 | 1238 | 1.1 | 195 | 27000 | | | | | | | | | | | | | | | | |
| | | 8.5 | 1048 | 1.1 | 165 | 27000 | | | | | | | | | | | | | | | | |
| | | 9.8 | 908 | 1.1 | 143 | 27000 | | | | | | | | | | | | | | | | |
| | | 11.6 | 768 | 1.1 | 121 | 27000 | | | | | | | | | | | | | | | | |
| | | 13.5 | 661 | 1.2 | 104 | 27000 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
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| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|----------------------|----------------------|-----|-----|-----|-----|---|---------|---------|----------------------|----------------------|-----|-----|-----|-----|----|---------|---------|-------|----------------------|-----|-----|-----|----|----|----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | | | | | | | | | | | | |
| 1.10 | 617/09 | 3.8 | 2321 | 1.0 | 731 | 27000 | 80M2C / 80M2D | 137 | 135 | 137 | 135 | 108 | 106 | 298-299 | | | | | | | | | | | | | | | | | | | | |
| | | 4.3 | 2061 | 1.1 | 649 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 4.7 | 1889 | 1.0 | 595 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 5.0 | 1775 | 1.1 | 559 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 5.3 | 1667 | 1.1 | 525 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 5.9 | 1502 | 1.1 | 473 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 6.6 | 1350 | 1.0 | 425 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 1197 | 1.1 | 377 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 7.8 | 1134 | 1.0 | 357 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 8.8 | 1013 | 1.1 | 319 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 10.3 | 867 | 1.1 | 273 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 12.1 | 734 | 1.1 | 231 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 14.4 | 619 | 1.1 | 195 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 17.0 | 524 | 1.1 | 165 | 26500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 19.6 | 454 | 1.1 | 143 | 25200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23.1 | 384 | 1.1 | 121 | 23800 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26.9 | 330 | 1.2 | 104 | 22600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 616/11 | 4.6 | 1926 | 0.9 | 195 | 19200 | 90L6C / 90L6D | 117 | 112 | 112 | 107 | 99 | 94 | 294-295 | | | | | | | | | | | | | | | | | | | | |
| | | 5.5 | 1630 | 1.1 | 165 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 6.3 | 1413 | 1.3 | 143 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 1195 | 1.5 | 121 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 8.7 | 1027 | 1.7 | 104 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 616/10 | 4.4 | 2026 | 0.9 | 319 | 19200 | 90L4B / 90L4C | 117 | 112 | 112 | 107 | 99 | 94 | 294-295 | | | | | | | | | | | | | | | | | | | |
| | | | 5.1 | 1734 | 1.0 | 273 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 6.1 | 1467 | 1.2 | 231 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 7.2 | 1238 | 1.4 | 195 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 8.5 | 1048 | 1.7 | 165 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 9.8 | 908 | 2.0 | 143 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 11.6 | 768 | 1.9 | 121 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 13.5 | 661 | 2.3 | 104 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 616/10 | 4.3 | 2061 | 0.9 | | | | | | | | | 649 | 19200 | 80M2C / 80M2D | 114 | 109 | 109 | 104 | 96 | 91 | 294-295 | | | | | | | | | |
| | | | | | 4.7 | 1889 | 0.9 | | | | | | | | | 595 | 19200 | | | | | | | | | | | | | | | | | |
| 5.0 | | | | | 1775 | 1.0 | 559 | | | | | | | | | 19200 | | | | | | | | | | | | | | | | | | |
| 5.3 | | | | | 1667 | 1.1 | 525 | | | | | | | | | 19200 | | | | | | | | | | | | | | | | | | |
| 5.9 | | | | | 1502 | 1.2 | 473 | | | | | | | | | 19200 | | | | | | | | | | | | | | | | | | |
| 6.6 | | | | | 1350 | 1.3 | 425 | | | | | | | | | 19200 | | | | | | | | | | | | | | | | | | |
| 7.4 | | | | | 1197 | 1.5 | 377 | | | | | | | | | 19200 | | | | | | | | | | | | | | | | | | |
| 7.8 | 1134 | 1.6 | | | 357 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.8 | 1013 | 1.8 | | | 319 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10.3 | 867 | 2.1 | | | 273 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12.1 | 734 | 2.4 | | | 231 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14.4 | 619 | 2.9 | | | 195 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 616/10 | 4.6 | | | 1926 | 0.9 | 195 | 19200 | 90L6C / 90L6D | 108 | 104 | 103 | 99 | 90 | 86 | 290-291 | | | | | | | | | | | | | | | | | | |
| | | 5.5 | | | 1630 | 1.1 | 165 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 6.3 | | | 1413 | 1.3 | 143 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 1195 | 1.4 | 121 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 8.7 | 1027 | 1.7 | 104 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 616/10 | 4.4 | 2026 | 0.9 | 319 | 19200 | | | | | | | | | 90L4B / 90L4C | 108 | 104 | 103 | 99 | 90 | 86 | 290-291 | | | | | | | | | | |
| | | | | 5.1 | 1734 | 1.0 | 273 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 6.1 | 1467 | 1.2 | 231 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 7.2 | 1238 | 1.4 | 195 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 8.5 | 1048 | 1.7 | 165 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 9.8 | 908 | 2.0 | 143 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 11.6 | 768 | 1.9 | 121 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | 13.5 | 661 | 2.3 | 104 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | 616/10 | 4.3 | 2061 | 0.9 | | | | | | | | | | | | | | | | | 649 | 19200 | 80M2C / 80M2D | 105 | 101 | 100 | 96 | 87 | 83 | 290-291 |
| | | | | | | 4.7 | 1889 | 0.9 | | | | | | | | | | | | | | | | | 595 | 19200 | | | | | | | | |
| 5.0 | 1775 | | | | | 1.0 | 559 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.3 | 1667 | | | | | 1.1 | 525 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5.9 | 1502 | | | | | 1.2 | 473 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6.6 | 1350 | | | | | 1.3 | 425 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.4 | 1197 | | | | | 1.5 | 377 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.8 | 1134 | 1.6 | 357 | | | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8.8 | 1013 | 1.8 | 319 | | | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10.3 | 867 | 2.1 | 273 | | | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12.1 | 734 | 2.3 | 231 | | | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14.4 | 619 | 2.3 | 195 | | | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17.0 | 524 | 2.3 | 165 | | | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19.6 | 454 | 2.3 | 143 | | | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23.1 | 384 | 2.3 | 121 | | | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26.9 | 330 | 2.3 | 104 | 19000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm |
|------------------------|---------------|--|------------------------|----------------|------------------|-------------------------|----------------------|------|-----|-----|----|----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | |
| 1.10 | 616/09 | 4.6 | 1926 | 0.8 | 195 | 19200 | 90L6C / 90L6D | 106 | 104 | 101 | 99 | 88 | 86 | 286-287 |
| | | 5.5 | 1630 | 0.8 | 165 | 19200 | | | | | | | | |
| | | 6.3 | 1413 | 0.8 | 143 | 19200 | | | | | | | | |
| | | 7.4 | 1195 | 0.8 | 121 | 19200 | | | | | | | | |
| | | 8.7 | 1027 | 0.9 | 104 | 19200 | | | | | | | | |
| | | 4.4 | 2026 | 0.9 | 319 | 19200 | 90L4B / 90L4C | 106 | 104 | 101 | 99 | 88 | 86 | 286-287 |
| | | 5.1 | 1734 | 1.0 | 273 | 19200 | | | | | | | | |
| | | 6.1 | 1467 | 1.1 | 231 | 19200 | | | | | | | | |
| | | 7.2 | 1238 | 1.1 | 195 | 19200 | | | | | | | | |
| | | 8.5 | 1048 | 1.1 | 165 | 19200 | | | | | | | | |
| | | 9.8 | 908 | 1.1 | 143 | 19200 | | | | | | | | |
| | | 11.6 | 768 | 1.1 | 121 | 19200 | | | | | | | | |
| | | 13.5 | 661 | 1.2 | 104 | 19200 | | | | | | | | |
| | | 4.3 | 2061 | 0.9 | 649 | 19200 | 80M2C / 80M2D | 103 | 101 | 98 | 96 | 85 | 83 | 286-287 |
| | | 4.7 | 1889 | 0.9 | 595 | 19200 | | | | | | | | |
| | | 5.0 | 1775 | 1.0 | 559 | 19200 | | | | | | | | |
| | | 5.3 | 1667 | 1.1 | 525 | 19200 | | | | | | | | |
| | | 5.9 | 1502 | 1.1 | 473 | 19200 | | | | | | | | |
| | | 6.6 | 1350 | 1.0 | 425 | 19200 | | | | | | | | |
| | | 7.4 | 1197 | 1.1 | 377 | 19200 | | | | | | | | |
| | | 7.8 | 1134 | 1.0 | 357 | 19200 | | | | | | | | |
| | | 8.8 | 1013 | 1.1 | 319 | 19200 | | | | | | | | |
| | | 10.3 | 867 | 1.1 | 273 | 19200 | | | | | | | | |
| | | 12.1 | 734 | 1.1 | 231 | 19200 | | | | | | | | |
| | | 14.4 | 619 | 1.1 | 195 | 19200 | | | | | | | | |
| | | 17.0 | 524 | 1.1 | 165 | 19200 | | | | | | | | |
| | | 19.6 | 454 | 1.1 | 143 | 19200 | | | | | | | | |
| | | 23.1 | 384 | 1.1 | 121 | 19200 | | | | | | | | |
| | 26.9 | 330 | 1.2 | 104 | 19000 | | | | | | | | | |
| | 616 | 10.3 | 934 | 2.1 | 87 | 19200 | 90L6C / 90L6D | 112 | 100 | 107 | 95 | 94 | 82 | 200-201 |
| | | 12.7 | 762 | 2.6 | 71 | 19200 | | | | | | | | |
| | | 16.1 | 601 | 3.0 | 87 | 19200 | 90L4B / 90L4C | 112 | 100 | 107 | 95 | 94 | 82 | 200-201 |
| | 615 | 10.3 | 934 | 1.2 | 87 | 15400 | 90L6C / 90L6D | 69 | 61 | 66 | 57 | 60 | 51 | 196-197 |
| | | 12.7 | 762 | 1.5 | 71 | 15400 | | | | | | | | |
| | | 15.3 | 634 | 1.8 | 59 | 15400 | | | | | | | | |
| | | 17.6 | 548 | 2.0 | 51 | 15400 | | | | | | | | |
| | | 20.9 | 462 | 2.4 | 43 | 15400 | | | | | | | | |
| | | 25.7 | 376 | 3.0 | 35 | 15400 | | | | | | | | |
| | 16.1 | 601 | 1.8 | 87 | 15400 | 90L4B / 90L4C | 69 | 61 | 66 | 57 | 60 | 51 | 196-197 | |
| | 19.7 | 490 | 2.1 | 71 | 15400 | | | | | | | | | |
| | 23.7 | 407 | 2.6 | 59 | 15400 | | | | | | | | | |
| | 614/10 | 7.4 | 1195 | 0.8 | 121 | 14400 | 90L6C / 90L6D | 66 | 63 | 66 | 62 | 59 | 56 | 282-283 |
| | | 8.7 | 1027 | 1.0 | 104 | 14400 | | | | | | | | |
| | | 7.2 | 1238 | 0.8 | 195 | 14400 | 90L4B / 90L4C | 66 | 63 | 66 | 62 | 59 | 56 | 282-283 |
| | | 8.5 | 1048 | 1.0 | 165 | 14400 | | | | | | | | |
| | | 9.8 | 908 | 1.1 | 143 | 14400 | | | | | | | | |
| | | 11.6 | 768 | 1.3 | 121 | 14400 | | | | | | | | |
| | | 13.5 | 661 | 1.5 | 104 | 14400 | | | | | | | | |
| 7.4 | | 1197 | 0.8 | 377 | 14400 | 80M2C / 80M2D | 63 | 60 | 63 | 59 | 56 | 53 | 282-283 | |
| 7.8 | | 1134 | 0.9 | 357 | 14400 | | | | | | | | | |
| 8.8 | | 1013 | 1.0 | 319 | 14400 | | | | | | | | | |
| 10.3 | | 867 | 1.2 | 273 | 14400 | | | | | | | | | |
| 12.1 | | 734 | 1.4 | 231 | 14400 | | | | | | | | | |
| 14.4 | | 619 | 1.6 | 195 | 14400 | | | | | | | | | |
| 17.0 | | 524 | 1.9 | 165 | 14400 | | | | | | | | | |
| 19.6 | | 454 | 2.0 | 143 | 14400 | | | | | | | | | |
| 23.1 | 384 | 2.3 | 121 | 14400 | | | | | | | | | | |
| 26.9 | 330 | 2.3 | 104 | 14400 | | | | | | | | | | |
| 614/09 | 7.4 | 1195 | 0.8 | 121 | 14400 | 90L6C / 90L6D | 65 | 63 | 65 | 62 | 58 | 56 | 278-279 | |
| | 8.7 | 1027 | 0.9 | 104 | 14400 | | | | | | | | | |
| | 7.2 | 1238 | 0.8 | 195 | 14400 | 90L4B / 90L4C | 65 | 63 | 65 | 62 | 58 | 56 | 278-279 | |
| | 8.5 | 1048 | 1.0 | 165 | 14400 | | | | | | | | | |
| | 9.8 | 908 | 1.1 | 143 | 14400 | | | | | | | | | |
| | 11.6 | 768 | 1.1 | 121 | 14400 | | | | | | | | | |
| | 13.5 | 661 | 1.2 | 104 | 14400 | | | | | | | | | |
| | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | | | |
|------------------------|---|--|--|----------------|------------------|-------------------------|--|----------------------|----|----|----|----|----|---|---------|----------------------|----------------------|----|----|----|----|----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | | |
| 1.10 | 614/09 | 7.4 | 1197 | 0.8 | 377 | 14400 | 80M2C / 80M2D | 62 | 60 | 62 | 59 | 55 | 53 | 278-279 | | | | | | | | | | |
| | | 7.8 | 1134 | 0.9 | 357 | 14400 | | | | | | | | | | | | | | | | | | |
| | | 8.8 | 1013 | 1.0 | 319 | 14400 | | | | | | | | | | | | | | | | | | |
| | | 10.3 | 867 | 1.1 | 273 | 14400 | | | | | | | | | | | | | | | | | | |
| | | 12.1 | 734 | 1.1 | 231 | 14400 | | | | | | | | | | | | | | | | | | |
| | | 14.4 | 619 | 1.1 | 195 | 14400 | | | | | | | | | | | | | | | | | | |
| | | 17.0 | 524 | 1.1 | 165 | 14400 | | | | | | | | | | | | | | | | | | |
| | | 19.6 | 454 | 1.1 | 143 | 14400 | | | | | | | | | | | | | | | | | | |
| | 23.1 | 384 | 1.1 | 121 | 14400 | | | | | | | | | | | | | | | | | | | |
| | 26.9 | 330 | 1.2 | 104 | 14400 | | | | | | | | | | | | | | | | | | | |
| | 614 | 10.3 12.7 15.3 17.6 20.9 25.7 | 934 | 934 | 1.2 | 87 | 14400 | 90L6C / 90L6D | 67 | 61 | 66 | 59 | 60 | 54 | 192-193 | | | | | | | | | |
| | | | 762 | 762 | 1.4 | 71 | 14400 | | | | | | | | | | | | | | | | | |
| | | | 634 | 634 | 1.8 | 59 | 14400 | | | | | | | | | | | | | | | | | |
| | | | 548 | 548 | 2.0 | 51 | 14400 | | | | | | | | | | | | | | | | | |
| | | | 462 | 462 | 2.1 | 43 | 14400 | | | | | | | | | | | | | | | | | |
| | | | 376 | 376 | 3.0 | 35 | 14400 | | | | | | | | | | | | | | | | | |
| | | 16.1 19.7 23.7 27.5 32.6 | 601 | 601 | 1.8 | 87 | 14400 | 90L4B / 90L4C | 67 | 61 | 66 | 59 | 60 | 54 | 192-193 | | | | | | | | | |
| | | | 490 | 490 | 1.9 | 71 | 14400 | | | | | | | | | | | | | | | | | |
| | | | 407 | 407 | 2.6 | 59 | 14400 | | | | | | | | | | | | | | | | | |
| | | | 352 | 352 | 2.7 | 51 | 14400 | | | | | | | | | | | | | | | | | |
| | | | 297 | 297 | 2.9 | 43 | 13800 | | | | | | | | | | | | | | | | | |
| | | | 32.2 39.4 47.5 54.9 65.1 | 300 | 300 | 1.8 | 87 | | | | | | | | | 13900 | 80M2C / 80M2D | 64 | 58 | 63 | 57 | 57 | 51 | 192-193 |
| | 245 | 245 | | 1.9 | 71 | 13000 | | | | | | | | | | | | | | | | | | |
| | 204 | 204 | | 2.7 | 59 | 12400 | | | | | | | | | | | | | | | | | | |
| | 176 | 176 | | 2.7 | 51 | 11900 | | | | | | | | | | | | | | | | | | |
| | 148 | 148 | | 2.9 | 43 | 11200 | | | | | | | | | | | | | | | | | | |
| | 9.8 11.6 13.5 | 908 | | 908 | 0.8 | 143 | 12900 | 90L4B / 90L4C | 66 | 63 | 66 | 62 | 59 | 56 | 270-271 | | | | | | | | | |
| | | 768 | 768 | 1.0 | 121 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 661 | 661 | 1.1 | 104 | 12900 | | | | | | | | | | | | | | | | | | |
| | | 10.3 12.1 14.4 17.0 19.6 23.1 26.9 | 867 | 867 | 0.9 | 273 | 12900 | | | | | | | | | 80M2C / 80M2D | 63 | 60 | 63 | 59 | 56 | 53 | 270-271 | |
| | | | 734 | 734 | 1.0 | 231 | 12900 | | | | | | | | | | | | | | | | | |
| | | | 619 | 619 | 1.2 | 195 | 12900 | | | | | | | | | | | | | | | | | |
| | 524 | | 524 | 1.4 | 165 | 12900 | | | | | | | | | | | | | | | | | | |
| | 454 | | 454 | 1.6 | 143 | 12900 | | | | | | | | | | | | | | | | | | |
| | 384 | | 384 | 1.9 | 121 | 12500 | | | | | | | | | | | | | | | | | | |
| | 330 | 330 | 2.3 | 104 | 11900 | | | | | | | | | | | | | | | | | | | |
| | 613/09 | 9.8 11.6 13.5 | 908 | 908 | 0.8 | 143 | 12900 | 90L4B / 90L4C | 65 | 63 | 65 | 62 | 58 | 56 | 266-267 | | | | | | | | | |
| | | | 768 | 768 | 1.0 | 121 | 12900 | | | | | | | | | | | | | | | | | |
| | | | 661 | 661 | 1.1 | 104 | 12900 | | | | | | | | | | | | | | | | | |
| | | | 10.3 12.1 14.4 17.0 19.6 23.1 26.9 | 867 | 867 | 0.9 | 273 | | | | | | | | | 12900 | 80M2C / 80M2D | 62 | 60 | 62 | 59 | 55 | 53 | 266-267 |
| | | | | 734 | 734 | 1.0 | 231 | | | | | | | | | 12900 | | | | | | | | |
| | | | | 619 | 619 | 1.0 | 195 | | | | | | | | | 12900 | | | | | | | | |
| 524 | | 524 | | 1.0 | 165 | 12900 | | | | | | | | | | | | | | | | | | |
| 454 | | 454 | | 1.0 | 143 | 12900 | | | | | | | | | | | | | | | | | | |
| 384 | | 384 | | 1.0 | 121 | 12500 | | | | | | | | | | | | | | | | | | |
| 330 | | 330 | 1.1 | 104 | 11900 | | | | | | | | | | | | | | | | | | | |
| 613 | | 10.3 12.7 15.3 17.6 20.9 25.7 31.0 | 934 | 934 | 0.9 | 87 | 12900 | 90L6C / 90L6D | 66 | 60 | 65 | 59 | 59 | 53 | 188-189 | | | | | | | | | |
| | | | 762 | 762 | 1.1 | 71 | 12900 | | | | | | | | | | | | | | | | | |
| | 634 | | 634 | 1.3 | 59 | 12900 | | | | | | | | | | | | | | | | | | |
| | 548 | | 548 | 1.5 | 51 | 12900 | | | | | | | | | | | | | | | | | | |
| | 462 | | 462 | 1.8 | 43 | 12700 | | | | | | | | | | | | | | | | | | |
| | 376 | | 376 | 2.2 | 35 | 11900 | | | | | | | | | | | | | | | | | | |
| | 311 | | 311 | 2.7 | 29 | 11200 | | | | | | | | | | | | | | | | | | |
| | 16.1 19.7 23.7 27.5 32.6 | | 601 | 601 | 1.3 | 87 | 12900 | | | | | | | | | 90L4B / 90L4C | 66 | 60 | 65 | 59 | 59 | 53 | 188-189 | |
| | | | 490 | 490 | 1.6 | 71 | 12900 | | | | | | | | | | | | | | | | | |
| | | 407 | 407 | 1.9 | 59 | 12400 | | | | | | | | | | | | | | | | | | |
| | | 352 | 352 | 2.3 | 51 | 11800 | | | | | | | | | | | | | | | | | | |
| | | 297 | 297 | 2.7 | 43 | 11100 | | | | | | | | | | | | | | | | | | |
| | | 32.2 39.4 47.5 54.9 65.1 | 300 | 300 | 1.3 | 87 | 11200 | 80M2C / 80M2D | 63 | 57 | 62 | 56 | 56 | 50 | 188-189 | | | | | | | | | |
| | | | 245 | 245 | 1.6 | 71 | 10400 | | | | | | | | | | | | | | | | | |
| | | | 204 | 204 | 1.9 | 59 | 9780 | | | | | | | | | | | | | | | | | |
| | | | 176 | 176 | 2.3 | 51 | 9320 | | | | | | | | | | | | | | | | | |
| | 148 | | 148 | 2.7 | 43 | 8800 | | | | | | | | | | | | | | | | | | |
| | 612 | | 15.3 | 634 | 0.9 | 59 | 9620 | | | | | | | | | 90L6C / 90L6D | 47 | 43 | 45 | 41 | 42 | 38 | 184-185 | |
| 17.6 | | | 548 | 1.0 | 51 | 9620 | | | | | | | | | | | | | | | | | | |
| 20.9 | | | 462 | 1.2 | 43 | 9620 | | | | | | | | | | | | | | | | | | |
| 25.7 | | | 376 | 1.5 | 35 | 9620 | | | | | | | | | | | | | | | | | | |
| 31.0 | | 311 | 1.8 | 29 | 9620 | | | | | | | | | | | | | | | | | | | |
| 36.0 | | 268 | 2.1 | 25 | 9180 | | | | | | | | | | | | | | | | | | | |
| 42.9 | | 226 | 2.5 | 21 | 8660 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |

















| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | | | | | | | | | | | | | | | |
|------------------------|------|--|------------------------|----------------|------------------|-------------------------|---------------|---------------|---------------|----|----|----|----|---------|---------------|------|---------------|----|----|----|---------|---------|---------|---------|--|--|--|--|--|--|--|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | | | | | | | | | |
| 1.10 | 612 | 16.1 | 601 | 0.8 | 87 | 9620 | 90L4B / 90L4C | 47 | 43 | 45 | 41 | 42 | 38 | 184-185 | | | | | | | | | | | | | | | | | |
| | | 19.7 | 490 | 0.9 | 71 | 9620 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 23.7 | 407 | 1.2 | 59 | 9620 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 27.5 | 352 | 1.5 | 51 | 9620 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 32.6 | 297 | 1.8 | 43 | 9610 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 40.0 | 242 | 2.2 | 35 | 8970 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 48.3 | 200 | 2.6 | 29 | 8420 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 32.2 | 300 | 0.8 | 87 | 9620 | | | | | | | | | 80M2C / 80M2D | 44 | 40 | 42 | 38 | 39 | 35 | 184-185 | | | | | | | | | |
| | | 39.4 | 245 | 0.9 | 71 | 9010 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 47.5 | 204 | 1.2 | 59 | 8470 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 54.9 | 176 | 1.5 | 51 | 8070 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 65.1 | 148 | 1.8 | 43 | 7630 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 80.0 | 121 | 2.2 | 35 | 7120 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 96.6 | 100 | 2.6 | 29 | 6690 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 611 | 611 | 15.3 | 634 | 0.8 | 59 | 8460 | 90L6C / 90L6D | 46 | 42 | 45 | 41 | 42 | 38 | | | | | | | | | 180-181 | | | | | | | | |
| | | | 17.6 | 548 | 1.0 | 51 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 20.9 | 462 | 1.2 | 43 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 25.7 | 376 | 1.5 | 35 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 31.0 | 311 | 1.8 | 29 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 36.0 | 268 | 2.1 | 25 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 42.9 | 226 | 2.5 | 21 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 16.1 | 601 | 0.8 | 87 | 8460 | | | | | | | | 90L4B / 90L4C | 46 | 42 | 45 | 41 | 42 | 38 | 180-181 | | | | | | | | | |
| | | | 19.7 | 490 | 0.9 | 71 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 23.7 | 407 | 1.2 | 59 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 27.5 | 352 | 1.5 | 51 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 32.6 | 297 | 1.7 | 43 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 40.0 | 242 | 2.2 | 35 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 48.3 | 200 | 2.6 | 29 | 8420 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 56.0 | 173 | 2.9 | 25 | 8020 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 32.2 | 300 | 0.8 | 87 | 8460 | 80M2C / 80M2D | 43 | 39 | 42 | 38 | 39 | 35 | 180-181 | | | | | | | | | | | | | | | | | |
| | | 39.4 | 245 | 0.9 | 71 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 47.5 | 204 | 1.2 | 59 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 54.9 | 176 | 1.5 | 51 | 8460 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 65.1 | 148 | 1.7 | 43 | 8070 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 80.0 | 121 | 2.2 | 35 | 7630 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 96.6 | 100 | 2.6 | 29 | 7120 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 112.0 | 86 | 2.9 | 25 | 6690 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 610 | 610 | 31.0 | 311 | 0.9 | | | | | | | | | 29 | 5290 | 90L6C / 90L6D | 33 | 30 | 31 | 28 | 30 | 27 | 176-177 | | | | | | | |
| | 36.0 | | | 268 | 1.0 | 25 | | | | | | | | | 5290 | | | | | | | | | | | | | | | | |
| | 42.9 | | | 226 | 1.2 | 21 | | | | | | | | | 5290 | | | | | | | | | | | | | | | | |
| | 52.9 | | | 183 | 1.5 | 17 | | | | | | | | | 5290 | | | | | | | | | | | | | | | | |
| | 60.0 | | | 161 | 1.7 | 15 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | |
| 69.2 | 140 | | | 1.6 | 13 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81.8 | 118 | | | 1.8 | 11 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 112.5 | 86 | | | 1.8 | 8 | 5010 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 150.0 | 64 | | | 1.8 | 6 | 4550 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32.6 | 297 | | | 0.8 | 43 | 5290 | 90L4B / 90L4C | 33 | 30 | 31 | 28 | 30 | 27 | 176-177 | | | | | | | | | | | | | | | | | |
| 40.0 | 242 | | | 0.9 | 35 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 48.3 | 200 | | | 1.2 | 29 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 56.0 | 173 | | | 1.3 | 25 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66.7 | 145 | | | 1.8 | 21 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82.4 | 117 | | | 2.0 | 17 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93.3 | 104 | | | 2.5 | 15 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 107.7 | 90 | | | 2.4 | 13 | 5150 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 127.3 | 76 | | | 2.5 | 11 | 4860 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 175.0 | 55 | | 2.5 | 8 | 4370 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 233.3 | 41 | | 2.5 | 6 | 3980 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 65.1 | 148 | | 0.8 | 43 | 5290 | 80M2C / 80M2D | | | | | | | | | 30 | 27 | 28 | 25 | 27 | 24 | 176-177 | | | | | | | | | | |
| 80.0 | 121 | | 0.9 | 35 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96.6 | 100 | | 1.2 | 29 | 5290 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 112.0 | 86 | | 1.3 | 25 | 5080 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 133.3 | 72 | | 1.8 | 21 | 4790 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 164.7 | 59 | | 2.0 | 17 | 4470 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 186.7 | 52 | | 2.5 | 15 | 4280 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 215.4 | 45 | | 2.4 | 13 | 4090 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 254.5 | 38 | | 2.5 | 11 | 3860 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 350.0 | 28 | | 2.5 | 8 | 3470 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 466.7 | 21 | | 2.5 | 6 | 3160 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 609 | 609 | | 69.2 | 140 | 0.8 | | 13 | 3280 | 90L6C / 90L6D | 32 | 28 | 30 | 26 | 29 | | | | | | | | 25 | 172-173 | | | | | | | | |
| | | | 81.8 | 118 | 0.8 | | 11 | 3280 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 112.5 | 86 | 0.9 | | 8 | 3190 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 150.0 | 64 | 0.9 | | 6 | 2890 | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|-----|-----|-----|-----|---------|---|----------------------|-----|-----|-----|-----|-----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 1.10 | 609 | 66.7 | 145 | 0.9 | 21 | 3280 | 90L4B / 90L4C | 32 | 28 | 30 | 26 | 29 | 25 | 172-173 | | | | | | | | |
| | | 82.4 | 117 | 1.0 | 17 | 3280 | | | | | | | | | | | | | | | | |
| | | 93.3 | 104 | 1.0 | 15 | 3280 | | | | | | | | | | | | | | | | |
| | | 107.7 | 90 | 1.1 | 13 | 3270 | | | | | | | | | | | | | | | | |
| | | 127.3 | 76 | 1.1 | 11 | 3090 | | | | | | | | | | | | | | | | |
| | | 175.0 | 55 | 1.2 | 8 | 2780 | | | | | | | | | | | | | | | | |
| | | 233.3 | 41 | 1.2 | 6 | 2530 | | | | | | | | | | | | | | | | |
| | | 133.3 | 72 | 0.9 | 21 | 3040 | 80M2C / 80M2D | 29 | 25 | 27 | 23 | 26 | 22 | 172-173 | | | | | | | | |
| | | 164.7 | 59 | 1.0 | 17 | 2830 | | | | | | | | | | | | | | | | |
| | | 186.7 | 52 | 1.0 | 15 | 2730 | | | | | | | | | | | | | | | | |
| | | 215.4 | 45 | 1.1 | 13 | 2600 | | | | | | | | | | | | | | | | |
| | | 254.5 | 38 | 1.1 | 11 | 2450 | | | | | | | | | | | | | | | | |
| | | 350.0 | 28 | 1.2 | 8 | 2210 | | | | | | | | | | | | | | | | |
| | | 466.7 | 21 | 1.2 | 6 | 2000 | | | | | | | | | | | | | | | | |
| 1.50 | 624/18 | 1.2 | 9848 | 2.3 | 731 | 204000 | 100L6C / 100L6D | 735 | - | 689 | - | 668 | - | 362-363 | | | | | | | | |
| | | 1.4 | 8743 | 2.6 | 649 | 204000 | | | | | | | | | | | | | | | | |
| | 624/16 | 1.2 | 9848 | 2.3 | 731 | 204000 | 100L6C / 100L6D | 668 | 684 | 649 | 638 | 628 | 617 | 358-359 | | | | | | | | |
| | | 1.4 | 8743 | 2.6 | 649 | 204000 | | | | | | | | | | | | | | | | |
| | 623/18 | 1.2 | 9848 | 1.8 | 731 | 175000 | 100L6C / 100L6D | 630 | - | 601 | - | 557 | - | 354-355 | | | | | | | | |
| | | 1.4 | 8743 | 2.0 | 649 | 175000 | | | | | | | | | | | | | | | | |
| | | 1.6 | 7531 | 2.4 | 559 | 175000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 6372 | 2.8 | 473 | 175000 | | | | | | | | | | | | | | | | |
| | 623/16 | 1.2 | 9848 | 1.8 | 731 | 175000 | 100L6C / 100L6D | 590 | 576 | 561 | 547 | 517 | 503 | 350-351 | | | | | | | | |
| | | 1.4 | 8743 | 2.0 | 649 | 175000 | | | | | | | | | | | | | | | | |
| | | 1.6 | 7531 | 2.4 | 559 | 175000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 6372 | 2.8 | 473 | 175000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 6331 | 2.8 | 731 | 175000 | | | | | | | | | 90L4C / 90L4D | 577 | 564 | 548 | 535 | 504 | 491 | 350-351 |
| | 622/17 | 1.2 | 9848 | 1.4 | 731 | 142000 | 100L6C / 100L6D | 520 | - | 507 | - | 477 | - | 346-347 | | | | | | | | |
| | | 1.4 | 8743 | 1.6 | 649 | 142000 | | | | | | | | | | | | | | | | |
| | | 1.6 | 7531 | 1.8 | 559 | 142000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 6372 | 2.2 | 473 | 142000 | | | | | | | | | | | | | | | | |
| | | 2.4 | 5079 | 2.5 | 377 | 142000 | | | | | | | | | | | | | | | | |
| | | 2.5 | 4809 | 2.6 | 357 | 142000 | | | | | | | | | | | | | | | | |
| | | 2.8 | 4298 | 2.9 | 319 | 137000 | | | | | | | | | | | | | | | | |
| | 622/13 | 1.2 | 9848 | 1.4 | 731 | 142000 | 100L6C / 100L6D | 466 | 458 | 453 | 445 | 423 | 415 | 342-343 | | | | | | | | |
| | | 1.4 | 8743 | 1.6 | 649 | 142000 | | | | | | | | | | | | | | | | |
| | | 1.6 | 7531 | 1.8 | 559 | 142000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 6372 | 2.2 | 473 | 142000 | | | | | | | | | | | | | | | | |
| | | 2.4 | 5079 | 2.5 | 377 | 142000 | | | | | | | | | | | | | | | | |
| | | 2.5 | 4809 | 2.6 | 357 | 142000 | | | | | | | | | | | | | | | | |
| | | 2.8 | 4298 | 2.9 | 319 | 137000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 6331 | 2.2 | 731 | 142000 | | | | | | | | | 90L4C / 90L4D | 453 | 446 | 440 | 433 | 410 | 403 | 342-343 |
| | | 2.2 | 5621 | 2.5 | 649 | 142000 | | | | | | | | | | | | | | | | |
| | 2.5 | 4841 | 2.9 | 559 | 142000 | | | | | | | | | | | | | | | | | |
| 621/16 | 1.2 | 9848 | 1.1 | 731 | 84400 | 100L6C / 100L6D | 415 | 403 | 393 | 381 | 374 | 362 | 338-339 | | | | | | | | | |
| | 1.4 | 8743 | 1.3 | 649 | 84400 | | | | | | | | | | | | | | | | | |
| | 1.6 | 7531 | 1.5 | 559 | 84400 | | | | | | | | | | | | | | | | | |
| | 1.9 | 6372 | 1.7 | 473 | 84400 | | | | | | | | | | | | | | | | | |
| | 2.4 | 5079 | 1.9 | 377 | 84400 | | | | | | | | | | | | | | | | | |
| | 2.5 | 4809 | 2.0 | 357 | 84400 | | | | | | | | | | | | | | | | | |
| | 2.8 | 4298 | 2.2 | 319 | 84400 | | | | | | | | | | | | | | | | | |
| | 3.3 | 3678 | 2.6 | 273 | 84400 | | | | | | | | | | | | | | | | | |
| | 1.9 | 6331 | 1.8 | 731 | 84400 | | | | | | | | | 90L4C / 90L4D | 402 | 391 | 380 | 369 | 361 | 350 | 338-339 | |
| | 2.2 | 5621 | 2.0 | 649 | 84400 | | | | | | | | | | | | | | | | | |
| 2.5 | 4841 | 2.3 | 559 | 84400 | | | | | | | | | | | | | | | | | | |
| 3.0 | 4096 | 2.7 | 473 | 84400 | | | | | | | | | | | | | | | | | | |
| 3.7 | 3265 | 2.9 | 377 | 84400 | | | | | | | | | | | | | | | | | | |
| 621/13 | 1.2 | 9848 | 1.1 | 731 | 84400 | 100L6C / 100L6D | 391 | 383 | 369 | 361 | 350 | 342 | 334-335 | | | | | | | | | |
| | 1.4 | 8743 | 1.3 | 649 | 84400 | | | | | | | | | | | | | | | | | |
| | 1.6 | 7531 | 1.5 | 559 | 84400 | | | | | | | | | | | | | | | | | |
| | 1.9 | 6372 | 1.7 | 473 | 84400 | | | | | | | | | | | | | | | | | |
| | 2.4 | 5079 | 1.9 | 377 | 84400 | | | | | | | | | | | | | | | | | |
| | 2.5 | 4809 | 2.0 | 357 | 84400 | | | | | | | | | | | | | | | | | |
| | 2.8 | 4298 | 2.2 | 319 | 84400 | | | | | | | | | | | | | | | | | |
| | 3.3 | 3678 | 2.6 | 273 | 84400 | | | | | | | | | | | | | | | | | |
| | 1.9 | 6331 | 1.8 | 731 | 84400 | | | | | | | | | 90L4C / 90L4D | 378 | 371 | 356 | 349 | 337 | 330 | 334-335 | |
| | 2.2 | 5621 | 2.0 | 649 | 84400 | | | | | | | | | | | | | | | | | |
| | 2.5 | 4841 | 2.3 | 559 | 84400 | | | | | | | | | | | | | | | | | |
| 3.0 | 4096 | 2.7 | 473 | 84400 | | | | | | | | | | | | | | | | | | |
| 3.7 | 3265 | 2.9 | 377 | 84400 | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|-----------------|-----------------|---------------|-----|-----|-----|-----|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | |
| 1.50 | 620/13 | 1.2 | 9848 | 0.8 | 731 | 67800 | 100L6C / 100L6D | 311 | 302 | 299 | 290 | 284 | 275 | 330-331 | | |
| | | 1.4 | 8743 | 0.9 | 649 | 67800 | | | | | | | | | | |
| | | 1.6 | 7531 | 1.1 | 559 | 67800 | | | | | | | | | | |
| | | 1.9 | 6372 | 1.3 | 473 | 67800 | | | | | | | | | | |
| | | 2.4 | 5079 | 1.4 | 377 | 67800 | | | | | | | | | | |
| | | 2.5 | 4809 | 1.5 | 357 | 67800 | | | | | | | | | | |
| | | 2.8 | 4298 | 1.7 | 319 | 67800 | | | | | | | | | | |
| | | 3.3 | 3678 | 1.9 | 273 | 67800 | | | | | | | | | | |
| | | 3.9 | 3112 | 2.3 | 231 | 67800 | | | | | | | | | | |
| | | 4.6 | 2627 | 2.6 | 195 | 67800 | | | | | | | | | | |
| | | | | 1.9 | 6331 | 1.3 | 731 | 67800 | 90L4C / 90L4D | 298 | 290 | 286 | 278 | 271 | 263 | 330-331 |
| | | | | 2.2 | 5621 | 1.5 | 649 | 67800 | | | | | | | | |
| | | | | 2.5 | 4841 | 1.7 | 559 | 67800 | | | | | | | | |
| | | | | 3.0 | 4096 | 2.0 | 473 | 67800 | | | | | | | | |
| | | | | 3.7 | 3265 | 2.2 | 377 | 67800 | | | | | | | | |
| | | | | 3.9 | 3092 | 2.3 | 357 | 67800 | | | | | | | | |
| | | | | 4.4 | 2763 | 2.6 | 319 | 67800 | | | | | | | | |
| | | | | 3.8 | 3165 | 2.6 | 731 | 67800 | 90L2B / 90L2C | 298 | 290 | 286 | 278 | 271 | 263 | 330-331 |
| | | | 4.3 | 2810 | 2.6 | 649 | 67800 | | | | | | | | | |
| | | 620/11 | 1.2 | 9848 | 0.8 | 731 | 67800 | 100L6C / 100L6D | 295 | 300 | 283 | 288 | 268 | 273 | 326-327 | |
| | | | | 1.4 | 8743 | 0.9 | 649 | | | | | | | | | 67800 |
| | | | | 1.6 | 7531 | 1.1 | 559 | | | | | | | | | 67800 |
| | | | | 1.9 | 6372 | 1.3 | 473 | | | | | | | | | 67800 |
| | | | | 2.4 | 5079 | 1.4 | 377 | | | | | | | | | 67800 |
| | | | | 2.5 | 4809 | 1.5 | 357 | | | | | | | | | 67800 |
| | | | | 2.8 | 4298 | 1.7 | 319 | | | | | | | | | 67800 |
| | | | | 3.3 | 3678 | 1.9 | 273 | | | | | | | | | 67800 |
| | | | | 3.9 | 3112 | 2.5 | 231 | | | | | | | | | 67800 |
| | | | | 4.6 | 2627 | 2.4 | 195 | 67800 | | | | | | | | |
| | | | | 5.5 | 2223 | 2.5 | 165 | 67800 | | | | | | | | |
| | | | | 7.4 | 1630 | 2.5 | 121 | 67800 | | | | | | | | |
| | | | | 1.9 | 6331 | 1.3 | 731 | 67800 | 90L4C / 90L4D | 283 | 280 | 271 | 268 | 256 | 253 | 326-327 |
| | | | | 2.2 | 5621 | 1.5 | 649 | 67800 | | | | | | | | |
| | | | | 2.5 | 4841 | 1.7 | 559 | 67800 | | | | | | | | |
| | | | | 3.0 | 4096 | 2.0 | 473 | 67800 | | | | | | | | |
| | | | | 3.7 | 3265 | 2.2 | 377 | 67800 | | | | | | | | |
| | | | 3.9 | 3092 | 2.3 | 357 | 67800 | | | | | | | | | |
| | | 4.4 | 2763 | 2.6 | 319 | 67800 | | | | | | | | | | |
| | | 3.8 | 3165 | 2.6 | 731 | 67800 | 90L2B / 90L2C | 283 | 280 | 271 | 268 | 256 | 253 | 326-327 | | |
| | | 4.3 | 2810 | 2.6 | 649 | 67800 | | | | | | | | | | |
| | 619/13 | 1.4 | 8743 | 0.8 | 649 | 51000 | 100L6C / 100L6D | 286 | 280 | 271 | 265 | 241 | 235 | 322-323 | | |
| | | | 1.5 | 8016 | 0.9 | 595 | | | | | | | | | 51000 | |
| | | | 1.6 | 7531 | 0.9 | 559 | | | | | | | | | 51000 | |
| | | | 1.7 | 7073 | 1.0 | 525 | | | | | | | | | 51000 | |
| | | | 1.9 | 6372 | 1.1 | 473 | | | | | | | | | 51000 | |
| | | | 2.1 | 5726 | 1.2 | 425 | | | | | | | | | 51000 | |
| | | | 2.4 | 5079 | 1.4 | 377 | | | | | | | | | 51000 | |
| | | | 2.5 | 4809 | 1.5 | 357 | | | | | | | | | 51000 | |
| | | | 2.8 | 4298 | 1.7 | 319 | | | | | | | | | 51000 | |
| | | | 3.3 | 3678 | 1.9 | 273 | 51000 | | | | | | | | | |
| | | | 3.9 | 3112 | 2.3 | 231 | 51000 | | | | | | | | | |
| | | | 4.6 | 2627 | 2.6 | 195 | 51000 | | | | | | | | | |
| | | | 1.9 | 6331 | 1.1 | 731 | 51000 | 90L4C / 90L4D | 273 | 267 | 258 | 252 | 228 | 222 | 322-323 | |
| | | | 2.2 | 5621 | 1.3 | 649 | 51000 | | | | | | | | | |
| | | | 2.4 | 5153 | 1.4 | 595 | 51000 | | | | | | | | | |
| | | | 2.5 | 4841 | 1.5 | 559 | 51000 | | | | | | | | | |
| | | | 2.7 | 4547 | 1.6 | 525 | 51000 | | | | | | | | | |
| | | | 3.0 | 4096 | 1.7 | 473 | 51000 | | | | | | | | | |
| | | 3.3 | 3681 | 1.9 | 425 | 51000 | | | | | | | | | | |
| | | 3.7 | 3265 | 2.2 | 377 | 51000 | | | | | | | | | | |
| | | 3.9 | 3092 | 2.3 | 357 | 51000 | | | | | | | | | | |
| | | 4.4 | 2763 | 2.6 | 319 | 51000 | | | | | | | | | | |
| | | 3.8 | 3165 | 2.2 | 731 | 51000 | 90L2B / 90L2C | 273 | 267 | 258 | 252 | 228 | 222 | 322-323 | | |
| | | 4.3 | 2810 | 2.2 | 649 | 51000 | | | | | | | | | | |
| | | 4.7 | 2576 | 2.6 | 595 | 51000 | | | | | | | | | | |
| | | 5.0 | 2421 | 2.6 | 559 | 51000 | | | | | | | | | | |
| | | 5.9 | 2048 | 2.9 | 473 | 51000 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | kg ~ | | | | | |  mm | | | | | | | | | |
|------------------------|---|--|------------------------|-----------------|------------------|-------------------------|--|------|-----|-----|-----|---------|---------|---|-------|-------|-----|-----|-----|-----|-----|-----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | |
| 1.50 | 619/11 | 1.4 | 8743 | 0.8 | 649 | 51000 | 100L6C / 100L6D | 274 | 278 | 259 | 263 | 229 | 233 | 318-319 | | | | | | | | | |
| | | 1.5 | 8016 | 0.9 | 595 | 51000 | | | | | | | | | | | | | | | | | |
| | | 1.6 | 7531 | 0.9 | 559 | 51000 | | | | | | | | | | | | | | | | | |
| | | 1.7 | 7073 | 1.0 | 525 | 51000 | | | | | | | | | | | | | | | | | |
| | | 1.9 | 6372 | 1.1 | 473 | 51000 | | | | | | | | | | | | | | | | | |
| | | 2.1 | 5726 | 1.2 | 425 | 51000 | | | | | | | | | | | | | | | | | |
| | | 2.4 | 5079 | 1.4 | 377 | 51000 | | | | | | | | | | | | | | | | | |
| | | 2.5 | 4809 | 1.5 | 357 | 51000 | | | | | | | | | | | | | | | | | |
| | | 2.8 | 4298 | 1.7 | 319 | 51000 | | | | | | | | | | | | | | | | | |
| | | 3.3 | 3678 | 1.9 | 273 | 51000 | | | | | | | | | | | | | | | | | |
| | | 3.9 | 3112 | 2.3 | 231 | 51000 | | | | | | | | | | | | | | | | | |
| | | 4.6 | 2627 | 2.2 | 195 | 51000 | | | | | | | | | | | | | | | | | |
| | | 5.5 | 2223 | 2.3 | 165 | 51000 | | | | | | | | | | | | | | | | | |
| | | 6.3 | 1926 | 2.3 | 143 | 51000 | | | | | | | | | | | | | | | | | |
| | | 7.4 | 1630 | 2.3 | 121 | 51000 | | | | | | | | | | | | | | | | | |
| | | 8.7 | 1401 | 2.3 | 104 | 51000 | | | | | | | | | | | | | | | | | |
| | | 619/11 | 90L4C / 90L4D | 1.9 | 6331 | 1.1 | | | | | | | | | 731 | 51000 | 262 | 260 | 247 | 245 | 217 | 215 | 318-319 |
| | | | | 2.2 | 5621 | 1.3 | | | | | | | | | 649 | 51000 | | | | | | | |
| | 2.4 | | | 5153 | 1.4 | 595 | 51000 | | | | | | | | | | | | | | | | |
| | 2.5 | | | 4841 | 1.5 | 559 | 51000 | | | | | | | | | | | | | | | | |
| | 2.7 | | | 4547 | 1.6 | 525 | 51000 | | | | | | | | | | | | | | | | |
| | 3.0 | | | 4096 | 1.7 | 473 | 51000 | | | | | | | | | | | | | | | | |
| | 3.3 | | | 3681 | 1.9 | 425 | 51000 | | | | | | | | | | | | | | | | |
| | 3.7 | | | 3265 | 2.2 | 377 | 51000 | | | | | | | | | | | | | | | | |
| | 3.9 | | | 3092 | 2.3 | 357 | 51000 | | | | | | | | | | | | | | | | |
| | 4.4 | | 2763 | 2.6 | 319 | 51000 | | | | | | | | | | | | | | | | | |
| | 90L2B / 90L2C | | 3.8 | 3165 | 2.2 | 731 | 51000 | 262 | 260 | 247 | 245 | 217 | 215 | 318-319 | | | | | | | | | |
| | | | 4.3 | 2810 | 2.5 | 649 | 51000 | | | | | | | | | | | | | | | | |
| | | | 4.7 | 2576 | 2.8 | 595 | 51000 | | | | | | | | | | | | | | | | |
| | | | 5.0 | 2421 | 2.9 | 559 | 51000 | | | | | | | | | | | | | | | | |
| | | | 5.3 | 2273 | 2.5 | 525 | 51000 | | | | | | | | | | | | | | | | |
| | | | 6.6 | 1840 | 2.9 | 425 | 51000 | | | | | | | | | | | | | | | | |
| | | | 7.8 | 1546 | 2.9 | 357 | 51000 | | | | | | | | | | | | | | | | |
| | | | 618/13 | 100L6C / 100L6D | 2.5 | 4809 | 0.8 | | | | | | | | 357 | 36600 | 221 | 212 | 208 | 199 | 188 | 179 | 314-315 |
| | | 2.8 | | | 4298 | 0.9 | 319 | | | | | | | | 36600 | | | | | | | | |
| | 3.3 | 3678 | | | 1.1 | 273 | 36600 | | | | | | | | | | | | | | | | |
| | 3.9 | 3112 | | | 1.3 | 231 | 36600 | | | | | | | | | | | | | | | | |
| | 4.6 | 2627 | | | 1.5 | 195 | 36600 | | | | | | | | | | | | | | | | |
| | 5.5 | 2223 | | | 1.8 | 165 | 36600 | | | | | | | | | | | | | | | | |
| | 6.3 | 1926 | | | 2.0 | 143 | 36600 | | | | | | | | | | | | | | | | |
| | 7.4 | 1630 | | | 2.0 | 121 | 36600 | | | | | | | | | | | | | | | | |
| | 8.7 | 1401 | | | 2.8 | 104 | 36600 | | | | | | | | | | | | | | | | |
| 90L4C / 90L4D | 2.5 | 4841 | | 0.8 | 559 | 36600 | 208 | 200 | 195 | 187 | 175 | 167 | 314-315 | | | | | | | | | | |
| | 2.7 | 4547 | | 0.9 | 525 | 36600 | | | | | | | | | | | | | | | | | |
| | 3.0 | 4096 | | 1.0 | 473 | 36600 | | | | | | | | | | | | | | | | | |
| | 3.3 | 3681 | | 1.1 | 425 | 36600 | | | | | | | | | | | | | | | | | |
| | 3.7 | 3265 | | 1.2 | 377 | 36600 | | | | | | | | | | | | | | | | | |
| | 3.9 | 3092 | | 1.3 | 357 | 36600 | | | | | | | | | | | | | | | | | |
| | 4.4 | 2763 | | 1.4 | 319 | 36600 | | | | | | | | | | | | | | | | | |
| | 5.1 | 2364 | | 1.7 | 273 | 36600 | | | | | | | | | | | | | | | | | |
| | 6.1 | 2001 | | 2.0 | 231 | 36600 | | | | | | | | | | | | | | | | | |
| 90L2B / 90L2C | 3.8 | 3165 | 1.3 | 731 | 36600 | 208 | 200 | 195 | 187 | 175 | 167 | 314-315 | | | | | | | | | | | |
| | 4.3 | 2810 | 1.4 | 649 | 36600 | | | | | | | | | | | | | | | | | | |
| | 4.7 | 2576 | 1.5 | 595 | 36600 | | | | | | | | | | | | | | | | | | |
| | 5.0 | 2421 | 1.6 | 559 | 36600 | | | | | | | | | | | | | | | | | | |
| | 5.3 | 2273 | 1.8 | 525 | 36600 | | | | | | | | | | | | | | | | | | |
| | 5.9 | 2048 | 1.9 | 473 | 36600 | | | | | | | | | | | | | | | | | | |
| | 6.6 | 1840 | 2.2 | 425 | 36600 | | | | | | | | | | | | | | | | | | |
| | 7.4 | 1633 | 2.4 | 377 | 36600 | | | | | | | | | | | | | | | | | | |
| | 7.8 | 1546 | 2.6 | 357 | 36600 | | | | | | | | | | | | | | | | | | |
| 8.8 | 1381 | 2.9 | 319 | 36600 | | | | | | | | | | | | | | | | | | | |
| 618/10 | 100L6C / 100L6D | 2.5 | 4809 | 0.8 | 357 | 36600 | 198 | 205 | 185 | 192 | 165 | 172 | 310-311 | | | | | | | | | | |
| | | 2.8 | 4298 | 0.9 | 319 | 36600 | | | | | | | | | | | | | | | | | |
| | | 3.3 | 3678 | 1.1 | 273 | 36600 | | | | | | | | | | | | | | | | | |
| | | 3.9 | 3112 | 1.3 | 231 | 36600 | | | | | | | | | | | | | | | | | |
| | | 4.6 | 2627 | 1.2 | 195 | 36600 | | | | | | | | | | | | | | | | | |
| | | 5.5 | 2223 | 1.4 | 165 | 36600 | | | | | | | | | | | | | | | | | |
| | | 6.3 | 1926 | 1.4 | 143 | 36600 | | | | | | | | | | | | | | | | | |
| | | 7.4 | 1630 | 1.4 | 121 | 36600 | | | | | | | | | | | | | | | | | |
| | | 8.7 | 1401 | 1.4 | 104 | 36600 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | | | | | | |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|-----------------|-----------------|-----|-----|-----|-----|-----|---------|---------|---------------|-----|-----|-----|-----|-----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 1.50 | 618/10 | 2.5 | 4841 | 0.8 | 559 | 36600 | 90L4C / 90L4D | 186 | 193 | 173 | 180 | 153 | 160 | 310-311 | | | | | | | | |
| | | 2.7 | 4547 | 0.9 | 525 | 36600 | | | | | | | | | | | | | | | | |
| | | 3.0 | 4096 | 1.0 | 473 | 36600 | | | | | | | | | | | | | | | | |
| | | 3.3 | 3681 | 1.1 | 425 | 36600 | | | | | | | | | | | | | | | | |
| | | 3.7 | 3265 | 1.2 | 377 | 36600 | | | | | | | | | | | | | | | | |
| | | 3.9 | 3092 | 1.3 | 357 | 36600 | | | | | | | | | | | | | | | | |
| | | 4.4 | 2763 | 1.4 | 319 | 36600 | | | | | | | | | | | | | | | | |
| | | 5.1 | 2364 | 1.7 | 273 | 36600 | | | | | | | | | | | | | | | | |
| | | 6.1 | 2001 | 1.8 | 231 | 36600 | | | | | | | | | | | | | | | | |
| | | 7.2 | 1689 | 1.8 | 195 | 36600 | | | | | | | | | | | | | | | | |
| | | 8.5 | 1429 | 1.8 | 165 | 36600 | | | | | | | | | | | | | | | | |
| | | 9.8 | 1238 | 1.8 | 143 | 36600 | | | | | | | | | | | | | | | | |
| | | 11.6 | 1048 | 1.8 | 121 | 36600 | | | | | | | | | | | | | | | | |
| | | 13.5 | 901 | 1.8 | 104 | 36600 | | | | | | | | | | | | | | | | |
| | | 618/10 | 3.8 | 3165 | 1.3 | 731 | | | | | | | | | 36600 | 90L2B / 90L2C | 186 | 193 | 173 | 180 | 153 | 160 |
| | 4.3 | | 2810 | 1.4 | 649 | 36600 | | | | | | | | | | | | | | | | |
| | 4.7 | | 2576 | 1.4 | 595 | 36600 | | | | | | | | | | | | | | | | |
| | 5.0 | | 2421 | 1.8 | 559 | 36600 | | | | | | | | | | | | | | | | |
| | 5.3 | | 2273 | 1.8 | 525 | 36600 | | | | | | | | | | | | | | | | |
| | 5.9 | | 2048 | 1.8 | 473 | 36600 | | | | | | | | | | | | | | | | |
| | 6.6 | | 1840 | 1.4 | 425 | 36600 | | | | | | | | | | | | | | | | |
| | 7.4 | | 1633 | 1.8 | 377 | 36600 | | | | | | | | | | | | | | | | |
| | 7.8 | | 1546 | 1.4 | 357 | 36600 | | | | | | | | | | | | | | | | |
| | 8.8 | | 1381 | 1.8 | 319 | 36600 | | | | | | | | | | | | | | | | |
| | 10.3 | | 1182 | 1.8 | 273 | 36600 | | | | | | | | | | | | | | | | |
| | 12.1 | | 1000 | 1.8 | 231 | 36600 | | | | | | | | | | | | | | | | |
| | 14.4 | | 844 | 1.8 | 195 | 36600 | | | | | | | | | | | | | | | | |
| | 17.0 | | 714 | 1.8 | 165 | 35500 | | | | | | | | | | | | | | | | |
| | 19.6 | | 619 | 1.8 | 143 | 33800 | | | | | | | | | | | | | | | | |
| | 617/11 | 3.9 | 3112 | 0.9 | 231 | 27000 | 100L6C / 100L6D | 164 | 158 | 164 | 158 | 135 | 129 | 306-307 | | | | | | | | |
| | | 4.6 | 2627 | 1.0 | 195 | 27000 | | | | | | | | | | | | | | | | |
| | | 5.5 | 2223 | 1.2 | 165 | 27000 | | | | | | | | | | | | | | | | |
| | | 6.3 | 1926 | 1.4 | 143 | 27000 | | | | | | | | | | | | | | | | |
| | | 7.4 | 1630 | 1.5 | 121 | 27000 | | | | | | | | | | | | | | | | |
| | | 617/11 | 3.7 | 3265 | 0.8 | 377 | 27000 | 90L4C / 90L4D | 152 | 146 | 152 | 146 | 123 | 117 | 306-307 | | | | | | | |
| | | | 3.9 | 3092 | 0.9 | 357 | 27000 | | | | | | | | | | | | | | | |
| | | | 4.4 | 2763 | 1.0 | 319 | 27000 | | | | | | | | | | | | | | | |
| | | | 5.1 | 2364 | 1.1 | 273 | 27000 | | | | | | | | | | | | | | | |
| | | | 6.1 | 2001 | 1.3 | 231 | 27000 | | | | | | | | | | | | | | | |
| | | | 7.2 | 1689 | 1.6 | 195 | 27000 | | | | | | | | | | | | | | | |
| | | | 8.5 | 1429 | 1.9 | 165 | 27000 | | | | | | | | | | | | | | | |
| | | | 9.8 | 1238 | 2.2 | 143 | 27000 | | | | | | | | | | | | | | | |
| 11.6 | | | 1048 | 2.4 | 121 | 27000 | | | | | | | | | | | | | | | | |
| 13.5 | | | 901 | 3.0 | 104 | 27000 | | | | | | | | | | | | | | | | |
| 617/11 | 3.8 | | 3165 | 0.8 | 731 | 27000 | 90L2B / 90L2C | | | | | | | | | 152 | 146 | 152 | 146 | 123 | 117 | 306-307 |
| | 4.3 | | 2810 | 1.0 | 649 | 27000 | | | | | | | | | | | | | | | | |
| | 4.7 | | 2576 | 1.0 | 595 | 27000 | | | | | | | | | | | | | | | | |
| | 5.0 | | 2421 | 1.1 | 559 | 27000 | | | | | | | | | | | | | | | | |
| | 5.3 | | 2273 | 1.2 | 525 | 27000 | | | | | | | | | | | | | | | | |
| | 5.9 | 2048 | 1.3 | 473 | 27000 | | | | | | | | | | | | | | | | | |
| | 6.6 | 1840 | 1.5 | 425 | 27000 | | | | | | | | | | | | | | | | | |
| | 7.4 | 1633 | 1.6 | 377 | 27000 | | | | | | | | | | | | | | | | | |
| | 7.8 | 1546 | 1.7 | 357 | 27000 | | | | | | | | | | | | | | | | | |
| | 8.8 | 1381 | 1.9 | 319 | 27000 | | | | | | | | | | | | | | | | | |
| | 10.3 | 1182 | 2.3 | 273 | 27000 | | | | | | | | | | | | | | | | | |
| | 12.1 | 1000 | 2.7 | 231 | 27000 | | | | | | | | | | | | | | | | | |
| | 14.4 | 844 | 2.7 | 195 | 27000 | | | | | | | | | | | | | | | | | |
| | 617/10 | 3.9 | 3112 | 0.9 | 231 | 27000 | | 100L6C / 100L6D | 154 | 151 | 154 | 151 | 125 | 122 | 302-303 | | | | | | | |
| | | 4.6 | 2627 | 1.0 | 195 | 27000 | | | | | | | | | | | | | | | | |
| 5.5 | | 2223 | 1.2 | 165 | 27000 | | | | | | | | | | | | | | | | | |
| 6.3 | | 1926 | 1.4 | 143 | 27000 | | | | | | | | | | | | | | | | | |
| 7.4 | | 1630 | 1.4 | 121 | 27000 | | | | | | | | | | | | | | | | | |
| 8.7 | | 1401 | 1.4 | 104 | 27000 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|-----|-----|-----|-----|-----|---|--|-----|-----|-----|-----|-----|-----|---------|--|-----|-----|-----|-----|----|----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | | | | | | | | |
| 1.50 |  | 3.7 | 3265 | 0.8 | 377 | 27000 |  90L4C / 90L4D | 142 | 138 | 145 | 138 | 113 | 109 | 302-303 | | | | | | | | | | | | | | | | |
| | | 3.9 | 3092 | 0.9 | 357 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 4.4 | 2763 | 1.0 | 319 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 5.1 | 2364 | 1.1 | 273 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 6.1 | 2001 | 1.3 | 231 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 7.2 | 1689 | 1.6 | 195 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 8.5 | 1429 | 1.8 | 165 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 9.8 | 1238 | 1.8 | 143 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 11.6 | 1048 | 1.8 | 121 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 13.5 | 901 | 1.8 | 104 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| 617/10 |  | 3.8 | 3165 | 0.8 | 731 | 27000 |  90L2B / 90L2C | 142 | 138 | 145 | 138 | 113 | 109 | 302-303 | | | | | | | | | | | | | | | | |
| | | 4.3 | 2810 | 1.0 | 649 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 4.7 | 2576 | 1.0 | 595 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 5.0 | 2421 | 1.1 | 559 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 5.3 | 2273 | 1.2 | 525 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 5.9 | 2048 | 1.3 | 473 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 6.6 | 1840 | 1.4 | 425 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 1633 | 1.8 | 377 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 7.8 | 1546 | 1.4 | 357 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 8.8 | 1381 | 1.8 | 319 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 10.3 | 1182 | 1.8 | 273 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 12.1 | 1000 | 1.8 | 231 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 14.4 | 844 | 1.8 | 195 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 17.0 | 714 | 1.8 | 165 | 26500 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 19.6 | 619 | 1.8 | 143 | 25200 | | | | | | | | | | | | | | | | | | | | | | | | |
| 23.1 | 524 | 1.8 | 121 | 23800 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26.9 | 450 | 1.8 | 104 | 22600 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 617/09 |  | 3.7 | 3265 | 0.8 | 377 | 27000 |  90L4C / 90L4D | 140 | 138 | 140 | 138 | 111 | 109 | 298-299 | | | | | | | | | | | | | | | | |
| | | 4.4 | 2763 | 0.8 | 319 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 5.1 | 2364 | 0.8 | 273 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 6.1 | 2001 | 0.8 | 231 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 7.2 | 1689 | 0.8 | 195 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 8.5 | 1429 | 0.8 | 165 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 9.8 | 1238 | 0.8 | 143 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 11.6 | 1048 | 0.8 | 121 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 13.5 | 901 | 0.9 | 104 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 4.3 | 2810 | 0.8 | 649 | 27000 | | | | | | | | |  90L2B / 90L2C | 140 | 138 | 140 | 138 | 111 | 109 | 298-299 | | | | | | | | |
| | | 5.0 | 2421 | 0.8 | 559 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 5.3 | 2273 | 0.8 | 525 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 5.9 | 2048 | 0.8 | 473 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 1633 | 0.8 | 377 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 8.8 | 1381 | 0.8 | 319 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 10.3 | 1182 | 0.8 | 273 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 12.1 | 1000 | 0.8 | 231 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 14.4 | 844 | 0.8 | 195 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| 17.0 | 714 | 0.8 | 165 | 26500 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19.6 | 619 | 0.8 | 143 | 25200 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23.1 | 524 | 0.8 | 121 | 23800 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26.9 | 450 | 0.9 | 104 | 22600 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 617 |  | 10.3 | 1274 | 2.3 | 87 | 27000 |  100L6C / 100L6D | 170 | - | 170 | - | 141 | - | 204-205 | | | | | | | | | | | | | | | | |
| | | 12.7 | 1040 | 2.9 | 71 | 27000 | | | | | | | | | | | | | | | | | | | | | | | | |
| 616/11 |  | 5.5 | 2223 | 0.8 | 165 | 19200 |  100L6C / 100L6D | 129 | 123 | 124 | 118 | 111 | 105 | 294-295 | | | | | | | | | | | | | | | | |
| | | 6.3 | 1926 | 0.9 | 143 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 1630 | 1.1 | 121 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 8.7 | 1401 | 1.3 | 104 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 6.1 | 2001 | 0.9 | 231 | 19200 | | | | | | | | |  90L4C / 90L4D | 117 | 112 | 112 | 107 | 99 | 94 | 294-295 | | | | | | | | |
| | | 7.2 | 1689 | 1.1 | 195 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 8.5 | 1429 | 1.2 | 165 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 9.8 | 1238 | 1.4 | 143 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 11.6 | 1048 | 1.4 | 121 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 13.5 | 901 | 1.7 | 104 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 5.9 | 2048 | 0.9 | 473 | 19200 | | | | | | | | | | | | | | | | |  90L2B / 90L2C | 117 | 112 | 112 | 107 | 99 | 94 | 294-295 |
| | | 6.6 | 1840 | 1.0 | 425 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 1633 | 1.1 | 377 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 7.8 | 1546 | 1.2 | 357 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 8.8 | 1381 | 1.3 | 319 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | |
| 10.3 | 1182 | 1.5 | 273 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12.1 | 1000 | 1.8 | 231 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14.4 | 844 | 2.1 | 195 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17.0 | 714 | 2.5 | 165 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19.6 | 619 | 2.9 | 143 | 19200 | | | | | | | | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | | | | | |
|------------------------|---------------|--|------------------------|----------------|----------------------|-------------------------|------------------------|------|-----|-----|-----|---------|----------------------|------------------------|-----|-----|-----|-----|-----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | |
| 1.50 | 616/10 | 5.5 | 2223 | 0.8 | 165 | 19200 | 100L6C / 100L6D | 120 | 115 | 115 | 110 | 102 | 97 | 290-291 | | | | | | | |
| | | 6.3 | 1926 | 0.9 | 143 | 19200 | | | | | | | | | | | | | | | |
| | | 7.4 | 1630 | 1.1 | 121 | 19200 | | | | | | | | | | | | | | | |
| | | 8.7 | 1401 | 1.2 | 104 | 19200 | | | | | | | | | | | | | | | |
| | | 6.1 | 2001 | 0.9 | 231 | 19200 | 90L4C / 90L4D | 108 | 104 | 103 | 99 | 90 | 86 | 290-291 | | | | | | | |
| | | 7.2 | 1689 | 1.1 | 195 | 19200 | | | | | | | | | | | | | | | |
| | | 8.5 | 1429 | 1.2 | 165 | 19200 | | | | | | | | | | | | | | | |
| | | 9.8 | 1238 | 1.4 | 143 | 19200 | | | | | | | | | | | | | | | |
| | | 11.6 | 1048 | 1.4 | 121 | 19200 | | | | | | | | | | | | | | | |
| | | 13.5 | 901 | 1.7 | 104 | 19200 | | | | | | | | | | | | | | | |
| | | 5.9 | 2048 | 0.9 | 473 | 19200 | 90L2B / 90L2C | 108 | 104 | 103 | 99 | 90 | 86 | 290-291 | | | | | | | |
| | | 6.6 | 1840 | 1.0 | 425 | 19200 | | | | | | | | | | | | | | | |
| | 7.4 | 1633 | 1.1 | 377 | 19200 | | | | | | | | | | | | | | | | |
| | 7.8 | 1546 | 1.2 | 357 | 19200 | | | | | | | | | | | | | | | | |
| | 8.8 | 1381 | 1.3 | 319 | 19200 | | | | | | | | | | | | | | | | |
| | 10.3 | 1182 | 1.5 | 273 | 19200 | | | | | | | | | | | | | | | | |
| | 12.1 | 1000 | 1.7 | 231 | 19200 | | | | | | | | | | | | | | | | |
| | 14.4 | 844 | 1.7 | 195 | 19200 | | | | | | | | | | | | | | | | |
| | 17.0 | 714 | 1.7 | 165 | 19200 | | | | | | | | | | | | | | | | |
| | 19.6 | 619 | 1.7 | 143 | 19200 | | | | | | | | | | | | | | | | |
| | 23.1 | 524 | 1.7 | 121 | 19200 | | | | | | | | | | | | | | | | |
| | 26.9 | 450 | 1.7 | 104 | 19000 | | | | | | | | | | | | | | | | |
| | 6.1 | 2001 | 0.8 | 231 | 19200 | 90L4C / 90L4D | 106 | 104 | 101 | 99 | 88 | 86 | 286-287 | | | | | | | | |
| | 7.2 | 1689 | 0.8 | 195 | 19200 | | | | | | | | | | | | | | | | |
| | 8.5 | 1429 | 0.8 | 165 | 19200 | | | | | | | | | | | | | | | | |
| | 9.8 | 1238 | 0.8 | 143 | 19200 | | | | | | | | | | | | | | | | |
| | 11.6 | 1048 | 0.8 | 121 | 19200 | | | | | | | | | | | | | | | | |
| | 13.5 | 901 | 0.9 | 104 | 19200 | | | | | | | | | | | | | | | | |
| | 5.9 | 2048 | 0.8 | 473 | 19200 | 90L2B / 90L2C | 106 | 104 | 101 | 99 | 88 | 86 | 286-287 | | | | | | | | |
| | 7.4 | 1633 | 0.8 | 377 | 19200 | | | | | | | | | | | | | | | | |
| | 8.8 | 1381 | 0.8 | 319 | 19200 | | | | | | | | | | | | | | | | |
| | 10.3 | 1182 | 0.8 | 273 | 19200 | | | | | | | | | | | | | | | | |
| | 12.1 | 1000 | 0.8 | 231 | 19200 | | | | | | | | | | | | | | | | |
| | 14.4 | 844 | 0.8 | 195 | 19200 | | | | | | | | | | | | | | | | |
| | 17.0 | 714 | 0.8 | 165 | 19200 | | | | | | | | | | | | | | | | |
| | 19.6 | 619 | 0.8 | 143 | 19200 | | | | | | | | | | | | | | | | |
| | 23.1 | 524 | 0.8 | 121 | 19200 | | | | | | | | | | | | | | | | |
| | 26.9 | 450 | 0.9 | 104 | 19000 | | | | | | | | | | | | | | | | |
| | 10.3 | 1274 | 1.5 | 87 | 19200 | | | | | | | | | 100L6C / 100L6D | 125 | 112 | 120 | 107 | 107 | 94 | 200-201 |
| | 12.7 | 1040 | 1.9 | 71 | 19200 | | | | | | | | | | | | | | | | |
| | 15.3 | 864 | 2.3 | 59 | 19200 | | | | | | | | | | | | | | | | |
| | 17.6 | 747 | 2.6 | 51 | 19200 | | | | | | | | | | | | | | | | |
| | 16.1 | 819 | 2.2 | 87 | 19200 | 90L4C / 90L4D | 112 | 100 | 107 | 95 | 94 | 82 | 200-201 | | | | | | | | |
| | 19.7 | 668 | 2.7 | 71 | 19200 | | | | | | | | | | | | | | | | |
| | 32.2 | 409 | 2.2 | 87 | 17900 | 90L2B / 90L2C | 112 | 100 | 107 | 95 | 94 | 82 | 200-201 | | | | | | | | |
| | 39.4 | 334 | 2.8 | 71 | 16800 | | | | | | | | | | | | | | | | |
| | 10.3 | 1274 | 0.9 | 87 | 15400 | 100L6C / 100L6D | 82 | 73 | 79 | 68 | 73 | 62 | 196-197 | | | | | | | | |
| | 12.7 | 1040 | 1.1 | 71 | 15400 | | | | | | | | | | | | | | | | |
| 15.3 | 864 | 1.3 | 59 | 15400 | | | | | | | | | | | | | | | | | |
| 17.6 | 747 | 1.5 | 51 | 15400 | | | | | | | | | | | | | | | | | |
| 20.9 | 630 | 1.8 | 43 | 15400 | | | | | | | | | | | | | | | | | |
| 25.7 | 513 | 2.2 | 35 | 15400 | | | | | | | | | | | | | | | | | |
| 31.0 | 425 | 2.6 | 29 | 15400 | | | | | | | | | | | | | | | | | |
| 16.1 | 819 | 1.3 | 87 | 15400 | 90L4C / 90L4D | 69 | 61 | 66 | 57 | 60 | 51 | 196-197 | | | | | | | | | |
| 19.7 | 668 | 1.5 | 71 | 15400 | | | | | | | | | | | | | | | | | |
| 23.7 | 555 | 1.9 | 59 | 15400 | | | | | | | | | | | | | | | | | |
| 27.5 | 480 | 2.2 | 51 | 15400 | | | | | | | | | | | | | | | | | |
| 32.6 | 405 | 2.6 | 43 | 15400 | | | | | | | | | | | | | | | | | |
| 32.2 | 409 | 1.3 | 87 | 15400 | 90L2B / 90L2C | 69 | 61 | 66 | 57 | 60 | 51 | 196-197 | | | | | | | | | |
| 39.4 | 334 | 1.5 | 71 | 15300 | | | | | | | | | | | | | | | | | |
| 47.5 | 278 | 1.9 | 59 | 14400 | | | | | | | | | | | | | | | | | |
| 54.9 | 240 | 2.2 | 51 | 13800 | | | | | | | | | | | | | | | | | |
| 65.1 | 202 | 2.6 | 43 | 13100 | | | | | | | | | | | | | | | | | |
| 9.8 | 1238 | 0.8 | 143 | 14400 | | | | | | | | | 90L4C / 90L4D | 66 | 63 | 66 | 62 | 59 | 56 | 282-283 | |
| 11.6 | 1048 | 1.0 | 121 | 14400 | | | | | | | | | | | | | | | | | |
| 13.5 | 901 | 1.1 | 104 | 14400 | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|----------------------|-------------------------|--|------|----|----|----|---------|---------|---|----------------------|----------------------|----|----|----|----|----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 1.50 | 614/10 | 10.3 | 1182 | 0.9 | 273 | 14400 | 90L2B / 90L2C | 66 | 63 | 66 | 62 | 59 | 56 | 282-283 | | | | | | | | |
| | | 12.1 | 1000 | 1.0 | 231 | 14400 | | | | | | | | | | | | | | | | |
| | | 14.4 | 844 | 1.2 | 195 | 14400 | | | | | | | | | | | | | | | | |
| | | 17.0 | 714 | 1.4 | 165 | 14400 | | | | | | | | | | | | | | | | |
| | | 19.6 | 619 | 1.5 | 143 | 14400 | | | | | | | | | | | | | | | | |
| | | 23.1 | 524 | 1.7 | 121 | 14400 | | | | | | | | | | | | | | | | |
| | | 26.9 | 450 | 1.7 | 104 | 14400 | | | | | | | | | | | | | | | | |
| | 614/09 | 9.8 | 1238 | 0.8 | 143 | 14400 | 90L4C / 90L4D | 65 | 63 | 65 | 62 | 58 | 56 | 278-279 | | | | | | | | |
| | | 11.6 | 1048 | 0.8 | 121 | 14400 | | | | | | | | | | | | | | | | |
| | | 13.5 | 901 | 0.9 | 104 | 14400 | | | | | | | | | | | | | | | | |
| | | 10.3 | 1182 | 0.8 | 273 | 14400 | | | | | | | | | 90L2B / 90L2C | 65 | 63 | 65 | 62 | 58 | 56 | 278-279 |
| | | 12.1 | 1000 | 0.8 | 231 | 14400 | | | | | | | | | | | | | | | | |
| | | 14.4 | 844 | 0.8 | 195 | 14400 | | | | | | | | | | | | | | | | |
| | | 17.0 | 714 | 0.8 | 165 | 14400 | | | | | | | | | | | | | | | | |
| | 19.6 | 619 | 0.8 | 143 | 14400 | | | | | | | | | | | | | | | | | |
| | 23.1 | 524 | 0.8 | 121 | 14400 | | | | | | | | | | | | | | | | | |
| | 26.9 | 450 | 0.9 | 104 | 14400 | | | | | | | | | | | | | | | | | |
| | 614 | 10.3 | 1274 | 0.9 | 87 | 14400 | 100L6C / 100L6D | 80 | 73 | 79 | 72 | 73 | 66 | 192-193 | | | | | | | | |
| | | | 12.7 | 1040 | 1.0 | 71 | | | | | | | | | 14400 | | | | | | | |
| | | | 15.3 | 864 | 1.3 | 59 | | | | | | | | | 14400 | | | | | | | |
| | | | 17.6 | 747 | 1.5 | 51 | | | | | | | | | 14400 | | | | | | | |
| | | | 20.9 | 630 | 1.6 | 43 | | | | | | | | | 14400 | | | | | | | |
| | | | 25.7 | 513 | 2.2 | 35 | | | | | | | | | 14400 | | | | | | | |
| | | | 31.0 | 425 | 2.5 | 29 | | | | | | | | | 13900 | | | | | | | |
| 36.0 | | 366 | 2.9 | 25 | 13300 | | | | | | | | | | | | | | | | | |
| 614 | | 16.1 | 819 | 1.3 | 87 | 14400 | 90L4C / 90L4D | 67 | 61 | 66 | 59 | 60 | 54 | 192-193 | | | | | | | | |
| | | | 19.7 | 668 | 1.4 | 71 | | | | | | | | | 14400 | | | | | | | |
| | | | 23.7 | 555 | 1.9 | 59 | | | | | | | | | 14400 | | | | | | | |
| | | | 27.5 | 480 | 2.0 | 51 | | | | | | | | | 14400 | | | | | | | |
| | | | 32.6 | 405 | 2.1 | 43 | | | | | | | | | 13800 | | | | | | | |
| | | | 32.2 | 409 | 1.3 | 87 | | | | | | | | | 13900 | 90L2B / 90L2C | 67 | 61 | 66 | 59 | 60 | 54 |
| | 39.4 | | 334 | 1.4 | 71 | 13000 | | | | | | | | | | | | | | | | |
| 47.5 | 278 | 2.0 | 59 | 12400 | | | | | | | | | | | | | | | | | | |
| 54.9 | 240 | 2.0 | 51 | 11900 | | | | | | | | | | | | | | | | | | |
| 65.1 | 202 | 2.1 | 43 | 11200 | | | | | | | | | | | | | | | | | | |
| 13.5 | 901 | 0.8 | 104 | 12900 | 90L4C / 90L4D | 66 | 63 | 66 | 62 | 59 | 56 | 270-271 | | | | | | | | | | |
| 14.4 | 844 | 0.9 | 195 | 12900 | | | | | | | | | | | | | | | | | | |
| 17.0 | 714 | 1.0 | 165 | 12900 | | | | | | | | | | | | | | | | | | |
| 19.6 | 619 | 1.2 | 143 | 12900 | | | | | | | | | | | | | | | | | | |
| 23.1 | 524 | 1.4 | 121 | 12500 | | | | | | | | | | | | | | | | | | |
| 26.9 | 450 | 1.7 | 104 | 11900 | | | | | | | | | | | | | | | | | | |
| 613/10 | 13.5 | 901 | 0.8 | 104 | 12900 | 90L4C / 90L4D | 65 | 63 | 65 | 62 | 58 | 56 | 266-267 | | | | | | | | | |
| | | 26.9 | 450 | 0.8 | 104 | | | | | | | | | 11900 | | | | | | | | |
| 613/09 | 13.5 | 901 | 0.8 | 104 | 12900 | 90L4C / 90L4D | 65 | 63 | 65 | 62 | 58 | 56 | 266-267 | | | | | | | | | |
| | | 26.9 | 450 | 0.8 | 104 | | | | | | | | | 11900 | | | | | | | | |
| 613 | 12.7 | 1040 | 0.8 | 71 | 12900 | 100L6C / 100L6D | 79 | 72 | 78 | 71 | 72 | 65 | 188-189 | | | | | | | | | |
| | | 15.3 | 864 | 1.0 | 59 | | | | | | | | | 12900 | | | | | | | | |
| | | 17.6 | 747 | 1.1 | 51 | | | | | | | | | 12900 | | | | | | | | |
| | | 20.9 | 630 | 1.3 | 43 | | | | | | | | | 12700 | | | | | | | | |
| | | 25.7 | 513 | 1.6 | 35 | | | | | | | | | 11900 | | | | | | | | |
| | | 31.0 | 425 | 1.9 | 29 | | | | | | | | | 11200 | | | | | | | | |
| | | 36.0 | 366 | 2.3 | 25 | | | | | | | | | 10600 | | | | | | | | |
| | 42.9 | 308 | 2.7 | 21 | 10000 | | | | | | | | | | | | | | | | | |
| | 613 | 16.1 | 819 | 1.0 | 87 | 12900 | 90L4C / 90L4D | 66 | 60 | 65 | 59 | 59 | 53 | 188-189 | | | | | | | | |
| | | | 19.7 | 668 | 1.2 | 71 | | | | | | | | | 12900 | | | | | | | |
| | | | 23.7 | 555 | 1.4 | 59 | | | | | | | | | 12400 | | | | | | | |
| | | | 27.5 | 480 | 1.7 | 51 | | | | | | | | | 11800 | | | | | | | |
| | | | 32.6 | 405 | 2.0 | 43 | | | | | | | | | 11100 | | | | | | | |
| | | | 40.0 | 329 | 2.4 | 35 | | | | | | | | | 10400 | | | | | | | |
| | | | 48.3 | 273 | 2.9 | 29 | | | | | | | | | 9740 | | | | | | | |
| | 613 | 32.2 | 409 | 1.0 | 87 | 11200 | 90L2B / 90L2C | 66 | 60 | 65 | 59 | 59 | 53 | 188-189 | | | | | | | | |
| | | | 39.4 | 334 | 1.2 | 71 | | | | | | | | | 10400 | | | | | | | |
| | | | 47.5 | 278 | 1.4 | 59 | | | | | | | | | 9780 | | | | | | | |
| | | | 54.9 | 240 | 1.7 | 51 | | | | | | | | | 9320 | | | | | | | |
| | | | 65.1 | 202 | 2.0 | 43 | | | | | | | | | 8800 | | | | | | | |
| | | | 80.0 | 165 | 2.4 | 35 | | | | | | | | | 8230 | | | | | | | |
| 96.6 | | | 136 | 2.9 | 29 | 7730 | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | | | | | | |
|------------------------|------------|--|------------------------|----------------|----------------------|-------------------------|------------------------|------|----|----|----|---------|------------------------|------------------------|----------------------|----|----|----|----|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 1.50 | 612 | 20.9 | 630 | 0.9 | 43 | 9620 | 100L6C / 100L6D | 59 | 54 | 57 | 52 | 54 | 49 | 184-185 | | | | | | | | |
| | | 25.7 | 513 | 1.1 | 35 | 9620 | | | | | | | | | | | | | | | | |
| | | 31.0 | 425 | 1.3 | 29 | 9620 | | | | | | | | | | | | | | | | |
| | | 36.0 | 366 | 1.5 | 25 | 9180 | | | | | | | | | | | | | | | | |
| | | 42.9 | 308 | 1.8 | 21 | 8660 | | | | | | | | | | | | | | | | |
| | | 52.9 | 249 | 2.2 | 17 | 8070 | | | | | | | | | | | | | | | | |
| | | 60.0 | 220 | 2.5 | 15 | 7750 | | | | | | | | | | | | | | | | |
| | | 69.2 | 190 | 2.5 | 13 | 7380 | | | | | | | | | | | | | | | | |
| | | 81.8 | 161 | 2.5 | 11 | 6980 | | | | | | | | | | | | | | | | |
| | | 23.7 | 555 | 0.9 | 59 | 9620 | | | | | | | | | 90L4C / 90L4D | 47 | 43 | 45 | 41 | 42 | 38 | 184-185 |
| | | 27.5 | 480 | 1.1 | 51 | 9620 | | | | | | | | | | | | | | | | |
| | | 32.6 | 405 | 1.3 | 43 | 9610 | | | | | | | | | | | | | | | | |
| | 40.0 | 329 | 1.6 | 35 | 8970 | | | | | | | | | | | | | | | | | |
| | 48.3 | 273 | 1.9 | 29 | 8420 | | | | | | | | | | | | | | | | | |
| | 56.0 | 235 | 2.2 | 25 | 8020 | | | | | | | | | | | | | | | | | |
| | 66.7 | 198 | 2.7 | 21 | 7570 | | | | | | | | | | | | | | | | | |
| | 47.5 | 278 | 0.9 | 59 | 8470 | 90L2B / 90L2C | 47 | 43 | 45 | 41 | 42 | 38 | 184-185 | | | | | | | | | |
| | 54.9 | 240 | 1.1 | 51 | 8070 | | | | | | | | | | | | | | | | | |
| | 65.1 | 202 | 1.3 | 43 | 7630 | | | | | | | | | | | | | | | | | |
| | 80.0 | 165 | 1.6 | 35 | 7120 | | | | | | | | | | | | | | | | | |
| | 96.6 | 136 | 1.9 | 29 | 6690 | | | | | | | | | | | | | | | | | |
| | 112.0 | 118 | 2.2 | 25 | 6360 | | | | | | | | | | | | | | | | | |
| | 133.3 | 99 | 2.7 | 21 | 6000 | | | | | | | | | | | | | | | | | |
| | 20.9 | 630 | 0.9 | 43 | 8460 | | | | | | | | | 100L6C / 100L6D | 58 | 54 | 57 | 53 | 54 | 50 | 180-181 | |
| | 25.7 | 513 | 1.1 | 35 | 8460 | | | | | | | | | | | | | | | | | |
| | 31.0 | 425 | 1.3 | 29 | 8460 | | | | | | | | | | | | | | | | | |
| | 36.0 | 366 | 1.5 | 25 | 8460 | | | | | | | | | | | | | | | | | |
| | 42.9 | 308 | 1.8 | 21 | 8460 | | | | | | | | | | | | | | | | | |
| | 52.9 | 249 | 2.2 | 17 | 8070 | | | | | | | | | | | | | | | | | |
| | 60.0 | 220 | 2.4 | 15 | 7750 | | | | | | | | | | | | | | | | | |
| | 69.2 | 190 | 2.4 | 13 | 7380 | | | | | | | | | | | | | | | | | |
| | 81.8 | 161 | 2.5 | 11 | 6980 | | | | | | | | | | | | | | | | | |
| | 112.5 | 117 | 2.5 | 8 | 6280 | | | | | | | | | | | | | | | | | |
| | 150.0 | 88 | 2.5 | 6 | 5710 | | | | | | | | | | | | | | | | | |
| | 23.7 | 555 | 0.9 | 59 | 8460 | 90L4C / 90L4D | 46 | 42 | 45 | 41 | 42 | 38 | 180-181 | | | | | | | | | |
| | 27.5 | 480 | 1.1 | 51 | 8460 | | | | | | | | | | | | | | | | | |
| 32.6 | 405 | 1.3 | 43 | 8460 | | | | | | | | | | | | | | | | | | |
| 40.0 | 329 | 1.6 | 35 | 8460 | | | | | | | | | | | | | | | | | | |
| 48.3 | 273 | 1.9 | 29 | 8420 | | | | | | | | | | | | | | | | | | |
| 56.0 | 235 | 2.1 | 25 | 8020 | | | | | | | | | | | | | | | | | | |
| 66.7 | 198 | 2.7 | 21 | 7570 | | | | | | | | | | | | | | | | | | |
| 47.5 | 278 | 0.9 | 59 | 8460 | 90L2B / 90L2C | 46 | 42 | 45 | 41 | 42 | 38 | 180-181 | | | | | | | | | | |
| 54.9 | 240 | 1.1 | 51 | 8460 | | | | | | | | | | | | | | | | | | |
| 65.1 | 202 | 1.3 | 43 | 8070 | | | | | | | | | | | | | | | | | | |
| 80.0 | 165 | 1.6 | 35 | 7630 | | | | | | | | | | | | | | | | | | |
| 96.6 | 136 | 1.9 | 29 | 7120 | | | | | | | | | | | | | | | | | | |
| 112.0 | 118 | 2.1 | 25 | 6690 | | | | | | | | | | | | | | | | | | |
| 133.3 | 99 | 2.7 | 21 | 6360 | | | | | | | | | | | | | | | | | | |
| 42.9 | 308 | 0.9 | 21 | 5290 | | | | | | | | | 100L6C / 100L6D | 45 | 41 | 43 | 39 | 42 | 38 | 176-177 | | |
| 52.9 | 249 | 1.1 | 17 | 5290 | | | | | | | | | | | | | | | | | | |
| 60.0 | 220 | 1.3 | 15 | 5290 | | | | | | | | | | | | | | | | | | |
| 69.2 | 190 | 1.2 | 13 | 5290 | | | | | | | | | | | | | | | | | | |
| 81.8 | 161 | 1.4 | 11 | 5290 | | | | | | | | | | | | | | | | | | |
| 112.5 | 117 | 1.4 | 8 | 5010 | | | | | | | | | | | | | | | | | | |
| 150.0 | 88 | 1.4 | 6 | 4550 | | | | | | | | | | | | | | | | | | |
| 48.3 | 273 | 0.9 | 29 | 5290 | 90L4C / 90L4D | 33 | 30 | 31 | 28 | 30 | 27 | 176-177 | | | | | | | | | | |
| 56.0 | 235 | 1.0 | 25 | 5290 | | | | | | | | | | | | | | | | | | |
| 66.7 | 198 | 1.3 | 21 | 5290 | | | | | | | | | | | | | | | | | | |
| 82.4 | 160 | 1.4 | 17 | 5290 | | | | | | | | | | | | | | | | | | |
| 93.3 | 141 | 1.8 | 15 | 5290 | | | | | | | | | | | | | | | | | | |
| 107.7 | 122 | 1.8 | 13 | 5150 | | | | | | | | | | | | | | | | | | |
| 127.3 | 104 | 1.8 | 11 | 4860 | | | | | | | | | | | | | | | | | | |
| 175.0 | 75 | 1.8 | 8 | 4370 | | | | | | | | | | | | | | | | | | |
| 233.3 | 56 | 1.8 | 6 | 3980 | | | | | | | | | | | | | | | | | | |
| 96.6 | 136 | 0.9 | 29 | 5290 | 90L2B / 90L2C | 33 | 30 | 31 | 28 | 30 | 27 | 176-177 | | | | | | | | | | |
| 112.0 | 118 | 1.0 | 25 | 5080 | | | | | | | | | | | | | | | | | | |
| 133.3 | 99 | 1.3 | 21 | 4790 | | | | | | | | | | | | | | | | | | |
| 164.7 | 80 | 1.4 | 17 | 4470 | | | | | | | | | | | | | | | | | | |
| 186.7 | 71 | 1.8 | 15 | 4280 | | | | | | | | | | | | | | | | | | |
| 215.4 | 61 | 1.8 | 13 | 4090 | | | | | | | | | | | | | | | | | | |
| 254.5 | 52 | 1.8 | 11 | 3860 | | | | | | | | | | | | | | | | | | |
| 350.0 | 38 | 1.8 | 8 | 3470 | | | | | | | | | | | | | | | | | | |
| 466.7 | 28 | 1.8 | 6 | 3160 | | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------------------------|-----|-----|-----|-----|-----|---|---------|------------------------|-----|-----|-----|-----|-----|-----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | |
| 1.50 | 609 | 107.7 | 122 | 0.8 | 13 | 3270 | 90L4C / 90L4D | 32 | 28 | 30 | 26 | 29 | 25 | 172-173 | | | | | | | | | |
| | | 127.3 | 104 | 0.8 | 11 | 3090 | | | | | | | | | | | | | | | | | |
| | | 175.0 | 75 | 0.9 | 8 | 2780 | | | | | | | | | | | | | | | | | |
| | | 233.3 | 56 | 0.9 | 6 | 2530 | | | | | | | | | | | | | | | | | |
| | | 215.4 | 61 | 0.8 | 13 | 2600 | 90L2B / 90L2C | 32 | 28 | 30 | 26 | 29 | 25 | 172-173 | | | | | | | | | |
| | | 254.5 | 52 | 0.8 | 11 | 2450 | | | | | | | | | | | | | | | | | |
| | | 350.0 | 38 | 0.9 | 8 | 2210 | | | | | | | | | | | | | | | | | |
| | | 466.7 | 28 | 0.9 | 6 | 2000 | | | | | | | | | | | | | | | | | |
| 2.20 | 625/17 | 1.2 | 14444 | 2.1 | 731 | 253000 | 112M6C / 112M6D | 1065 | - | 973 | - | 908 | - | 366-367 | | | | | | | | | |
| | | 1.4 | 12823 | 2.3 | 649 | 253000 | | | | | | | | | | | | | | | | | |
| | | 1.6 | 11045 | 2.7 | 559 | 253000 | | | | | | | | | | | | | | | | | |
| | | 624/18 | 1.2 | 14444 | 1.6 | 731 | 204000 | 112M6C / 112M6D | 743 | - | 697 | - | 676 | - | 362-363 | | | | | | | | |
| | 1.4 | | 12823 | 1.8 | 649 | 204000 | | | | | | | | | | | | | | | | | |
| | 1.6 | | 11045 | 2.1 | 559 | 204000 | | | | | | | | | | | | | | | | | |
| | 1.9 | | 9346 | 2.5 | 473 | 204000 | | | | | | | | | | | | | | | | | |
| | 2.4 | | 7449 | 2.7 | 377 | 200000 | | | | | | | | | | | | | | | | | |
| | 2.5 | | 7054 | 2.9 | 357 | 197000 | | | | | | | | | | | | | | | | | |
| | | | 1.9 | 9285 | 2.5 | 731 | 204000 | 100L4B / 100L4C | 735 | - | 689 | - | 668 | - | 362-363 | | | | | | | | |
| | | | 2.2 | 8244 | 2.8 | 649 | 204000 | | | | | | | | | | | | | | | | |
| | | 624/16 | 1.2 | 14444 | 1.6 | 731 | 204000 | 112M6C / 112M6D | 703 | 692 | 657 | 646 | 636 | 625 | 358-359 | | | | | | | | |
| | 1.4 | | 12823 | 1.8 | 649 | 204000 | | | | | | | | | | | | | | | | | |
| | 1.6 | | 11045 | 2.1 | 559 | 204000 | | | | | | | | | | | | | | | | | |
| | 1.9 | | 9346 | 2.5 | 473 | 204000 | | | | | | | | | | | | | | | | | |
| | 2.4 | | 7449 | 2.7 | 377 | 200000 | | | | | | | | | | | | | | | | | |
| | | | 2.5 | 7054 | 2.9 | 357 | 197000 | | | | | | | | | | | | | | | | |
| | | | 1.9 | 9285 | 2.5 | 731 | 204000 | 100L4B / 100L4C | 695 | 684 | 649 | 638 | 628 | 617 | 358-359 | | | | | | | | |
| | | | 2.2 | 8244 | 2.8 | 649 | 204000 | | | | | | | | | | | | | | | | |
| | | 623/18 | 1.2 | 14444 | 1.2 | 731 | 175000 | 112M6C / 112M6D | 638 | - | 609 | - | 565 | - | 354-355 | | | | | | | | |
| | 1.4 | | 12823 | 1.4 | 649 | 175000 | | | | | | | | | | | | | | | | | |
| | 1.6 | | 11045 | 1.6 | 559 | 175000 | | | | | | | | | | | | | | | | | |
| | 1.9 | | 9346 | 1.9 | 473 | 175000 | | | | | | | | | | | | | | | | | |
| | 2.4 | | 7449 | 2.1 | 377 | 175000 | | | | | | | | | | | | | | | | | |
| 2.5 | 7054 | | 2.3 | 357 | 175000 | | | | | | | | | | | | | | | | | | |
| 2.8 | 6303 | | 2.5 | 319 | 171000 | | | | | | | | | | | | | | | | | | |
| 3.3 | 5394 | | 2.9 | 273 | 163000 | | | | | | | | | | | | | | | | | | |
| | | | 1.9 | 9285 | 1.9 | 731 | 175000 | | | | | | | | | 100L4B / 100L4C | 630 | - | 601 | - | 557 | - | 354-355 |
| | | 2.2 | 8244 | 2.1 | 649 | 175000 | | | | | | | | | | | | | | | | | |
| | | 2.5 | 7100 | 2.5 | 559 | 175000 | | | | | | | | | | | | | | | | | |
| | | 3.0 | 6008 | 2.9 | 473 | 170000 | | | | | | | | | | | | | | | | | |
| | 623/16 | 1.2 | 14444 | 1.2 | 731 | 175000 | 112M6C / 112M6D | 598 | 584 | 569 | 555 | 525 | 511 | 350-351 | | | | | | | | | |
| 1.4 | | 12823 | 1.4 | 649 | 175000 | | | | | | | | | | | | | | | | | | |
| 1.6 | | 11045 | 1.6 | 559 | 175000 | | | | | | | | | | | | | | | | | | |
| 1.9 | | 9346 | 1.9 | 473 | 175000 | | | | | | | | | | | | | | | | | | |
| 2.4 | | 7449 | 2.1 | 377 | 175000 | | | | | | | | | | | | | | | | | | |
| 2.5 | | 7054 | 2.3 | 357 | 175000 | | | | | | | | | | | | | | | | | | |
| 2.8 | | 6303 | 2.5 | 319 | 171000 | | | | | | | | | | | | | | | | | | |
| 3.3 | | 5394 | 2.9 | 273 | 163000 | | | | | | | | | | | | | | | | | | |
| | | | 1.9 | 9285 | 1.9 | 731 | | | | | | | | | 175000 | 100L4B / 100L4C | 590 | 576 | 561 | 547 | 517 | 503 | 350-351 |
| | | | 2.2 | 8244 | 2.1 | 649 | | | | | | | | | 175000 | | | | | | | | |
| | | 2.5 | 7100 | 2.5 | 559 | 175000 | | | | | | | | | | | | | | | | | |
| | | 3.0 | 6008 | 2.9 | 473 | 170000 | | | | | | | | | | | | | | | | | |
| | 622/17 | 1.2 | 14444 | 1.0 | 731 | 142000 | 112M6C / 112M6D | 528 | - | 515 | - | 485 | - | 346-347 | | | | | | | | | |
| 1.4 | | 12823 | 1.1 | 649 | 142000 | | | | | | | | | | | | | | | | | | |
| 1.6 | | 11045 | 1.3 | 559 | 142000 | | | | | | | | | | | | | | | | | | |
| 1.9 | | 9346 | 1.5 | 473 | 142000 | | | | | | | | | | | | | | | | | | |
| 2.4 | | 7449 | 1.7 | 377 | 142000 | | | | | | | | | | | | | | | | | | |
| 2.5 | | 7054 | 1.8 | 357 | 142000 | | | | | | | | | | | | | | | | | | |
| 2.8 | | 6303 | 2.0 | 319 | 137000 | | | | | | | | | | | | | | | | | | |
| 3.3 | | 5394 | 2.3 | 273 | 130000 | | | | | | | | | | | | | | | | | | |
| 3.9 | | 4564 | 2.7 | 231 | 125000 | | | | | | | | | | | | | | | | | | |
| 4.6 | | 3853 | 2.9 | 195 | 119000 | | | | | | | | | | | | | | | | | | |
| | | | 1.9 | 9285 | 1.5 | 731 | | | | | | | | | 142000 | 100L4B / 100L4C | 520 | - | 507 | - | 477 | - | 346-347 |
| | | | 2.2 | 8244 | 1.7 | 649 | | | | | | | | | 142000 | | | | | | | | |
| | | | 2.5 | 7100 | 2.0 | 559 | | | | | | | | | 142000 | | | | | | | | |
| | | 3.0 | 6008 | 2.3 | 473 | 136000 | | | | | | | | | | | | | | | | | |
| | | 3.7 | 4789 | 2.6 | 377 | 127000 | | | | | | | | | | | | | | | | | |
| | | 3.9 | 4535 | 2.8 | 357 | 125000 | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|-----------------|-----------------|-----|-----|-----|-----|-----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | |
| 2.20 | 622/13 | 1.2 | 14444 | 1.0 | 731 | 142000 | 112M6C / 112M6D | 474 | 466 | 461 | 453 | 431 | 423 | 342-343 | |
| | | 1.4 | 12823 | 1.1 | 649 | 142000 | | | | | | | | | |
| | | 1.6 | 11045 | 1.3 | 559 | 142000 | | | | | | | | | |
| | | 1.9 | 9346 | 1.5 | 473 | 142000 | | | | | | | | | |
| | | 2.4 | 7449 | 1.7 | 377 | 142000 | | | | | | | | | |
| | | 2.5 | 7054 | 1.8 | 357 | 142000 | | | | | | | | | |
| | | 2.8 | 6303 | 2.0 | 319 | 137000 | | | | | | | | | |
| | | 3.3 | 5394 | 2.3 | 273 | 130000 | | | | | | | | | |
| | | 3.9 | 4564 | 2.7 | 231 | 125000 | | | | | | | | | |
| | | 4.6 | 3853 | 2.7 | 195 | 119000 | | | | | | | | | |
| | | 1.9 | 9285 | 1.5 | 731 | 142000 | | | | | | | | | |
| | | 2.2 | 8244 | 1.7 | 649 | 142000 | | | | | | | | | |
| | 2.5 | 7100 | 2.0 | 559 | 142000 | | | | | | | | | | |
| | 3.0 | 6008 | 2.3 | 473 | 136000 | | | | | | | | | | |
| | 3.7 | 4789 | 2.6 | 377 | 127000 | | | | | | | | | | |
| | 3.9 | 4535 | 2.8 | 357 | 125000 | | | | | | | | | | |
| | 3.8 | 4643 | 3.0 | 731 | 126000 | | | | | | | | | | |
| | 4.3 | 4122 | 3.0 | 649 | 122000 | | | | | | | | | | |
| | 621/16 | 621/16 | 1.4 | 12823 | 0.9 | 649 | 84400 | 112M6C / 112M6D | 423 | 411 | 401 | 389 | 382 | 370 | 338-339 |
| | | | 1.6 | 11045 | 1.0 | 559 | 84400 | | | | | | | | |
| | | | 1.9 | 9346 | 1.2 | 473 | 84400 | | | | | | | | |
| | | | 2.4 | 7449 | 1.3 | 377 | 84400 | | | | | | | | |
| | | | 2.5 | 7054 | 1.3 | 357 | 84400 | | | | | | | | |
| | | | 2.8 | 6303 | 1.5 | 319 | 84400 | | | | | | | | |
| | | | 3.3 | 5394 | 1.7 | 273 | 84400 | | | | | | | | |
| | | | 3.9 | 4564 | 2.1 | 231 | 84400 | | | | | | | | |
| | | | 4.6 | 3853 | 2.2 | 195 | 84400 | | | | | | | | |
| | | | 5.5 | 3260 | 2.5 | 165 | 84400 | | | | | | | | |
| | | | 7.4 | 2391 | 3.0 | 121 | 84400 | | | | | | | | |
| | | | 1.9 | 9285 | 1.2 | 731 | 84400 | | | | | | | | |
| | | 2.2 | 8244 | 1.3 | 649 | 84400 | | | | | | | | | |
| | | 2.5 | 7100 | 1.6 | 559 | 84400 | | | | | | | | | |
| | | 3.0 | 6008 | 1.8 | 473 | 84400 | | | | | | | | | |
| | | 3.7 | 4789 | 2.0 | 377 | 84400 | | | | | | | | | |
| | | 3.9 | 4535 | 2.1 | 357 | 84400 | | | | | | | | | |
| | | 4.4 | 4052 | 2.3 | 319 | 84400 | | | | | | | | | |
| 5.1 | 3468 | 2.7 | 273 | 84400 | | | | | | | | | | | |
| 3.8 | 4643 | 2.4 | 731 | 67800 | | | | | | | | | | | |
| 4.3 | 4122 | 2.3 | 649 | 67800 | | | | | | | | | | | |
| 5.0 | 3550 | 2.8 | 559 | 67800 | | | | | | | | | | | |
| 621/13 | 621/13 | 1.4 | 12823 | 0.9 | 649 | 84400 | 112M6C / 112M6D | 399 | 391 | 377 | 369 | 358 | 350 | 334-335 | |
| | | 1.6 | 11045 | 1.0 | 559 | 84400 | | | | | | | | | |
| | | 1.9 | 9346 | 1.2 | 473 | 84400 | | | | | | | | | |
| | | 2.4 | 7449 | 1.3 | 377 | 84400 | | | | | | | | | |
| | | 2.5 | 7054 | 1.3 | 357 | 84400 | | | | | | | | | |
| | | 2.8 | 6303 | 1.5 | 319 | 84400 | | | | | | | | | |
| | | 3.3 | 5394 | 1.7 | 273 | 84400 | | | | | | | | | |
| | | 3.9 | 4564 | 2.1 | 231 | 84400 | | | | | | | | | |
| | | 4.6 | 3853 | 2.2 | 195 | 84400 | | | | | | | | | |
| | | 5.5 | 3260 | 2.5 | 165 | 84400 | | | | | | | | | |
| | | 7.4 | 2391 | 3.0 | 121 | 84400 | | | | | | | | | |
| | | 1.9 | 9285 | 1.2 | 731 | 84400 | | | | | | | | | |
| | 2.2 | 8244 | 1.3 | 649 | 84400 | | | | | | | | | | |
| | 2.5 | 7100 | 1.6 | 559 | 84400 | | | | | | | | | | |
| | 3.0 | 6008 | 1.8 | 473 | 84400 | | | | | | | | | | |
| | 3.7 | 4789 | 2.0 | 377 | 84400 | | | | | | | | | | |
| | 3.9 | 4535 | 2.1 | 357 | 84400 | | | | | | | | | | |
| | 4.4 | 4052 | 2.3 | 319 | 84400 | | | | | | | | | | |
| 5.1 | 3468 | 2.7 | 273 | 84400 | | | | | | | | | | | |
| 3.8 | 4643 | 2.4 | 731 | 67800 | | | | | | | | | | | |
| 4.3 | 4122 | 2.3 | 649 | 67800 | | | | | | | | | | | |
| 5.0 | 3550 | 2.8 | 559 | 67800 | | | | | | | | | | | |
| 620/13 | 620/13 | 1.9 | 9346 | 0.9 | 473 | 67800 | 112M6C / 112M6D | 319 | 310 | 307 | 298 | 292 | 283 | 330-331 | |
| | | 2.4 | 7449 | 1.0 | 377 | 67800 | | | | | | | | | |
| | | 2.5 | 7054 | 1.0 | 357 | 67800 | | | | | | | | | |
| | | 2.8 | 6303 | 1.1 | 319 | 67800 | | | | | | | | | |
| | | 3.3 | 5394 | 1.3 | 273 | 67800 | | | | | | | | | |
| | | 3.9 | 4564 | 1.6 | 231 | 67800 | | | | | | | | | |
| | | 4.6 | 3853 | 1.7 | 195 | 67800 | | | | | | | | | |
| | | 5.5 | 3260 | 2.1 | 165 | 67800 | | | | | | | | | |
| | | 7.4 | 2391 | 2.3 | 121 | 67800 | | | | | | | | | |
| | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|-----|-----|-----|---------|---------|---|-------|-----|-----|-----|-----|-----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 2.20 | 620/13 | 1.9 | 9285 | 0.9 | 731 | 67800 | 100L4B / 100L4C | 311 | 302 | 299 | 290 | 284 | 275 | 330-331 | | | | | | | | |
| | | 2.2 | 8244 | 1.0 | 649 | 67800 | | | | | | | | | | | | | | | | |
| | | 2.5 | 7100 | 1.2 | 559 | 67800 | | | | | | | | | | | | | | | | |
| | | 3.0 | 6008 | 1.4 | 473 | 67800 | | | | | | | | | | | | | | | | |
| | | 3.7 | 4789 | 1.5 | 377 | 67800 | | | | | | | | | | | | | | | | |
| | | 3.9 | 4535 | 1.6 | 357 | 67800 | | | | | | | | | | | | | | | | |
| | | 4.4 | 4052 | 1.8 | 319 | 67800 | | | | | | | | | | | | | | | | |
| | | 5.1 | 3468 | 2.1 | 273 | 67800 | | | | | | | | | | | | | | | | |
| | | 6.1 | 2934 | 2.4 | 231 | 67800 | | | | | | | | | | | | | | | | |
| | | 7.2 | 2477 | 2.7 | 195 | 67800 | | | | | | | | | | | | | | | | |
| | | 3.8 | 4643 | 1.8 | 731 | 67800 | | | | | | | | | 90L2D | 298 | 290 | 286 | 278 | 271 | 263 | 330-331 |
| | | 4.3 | 4122 | 1.8 | 649 | 67800 | | | | | | | | | | | | | | | | |
| | | 5.0 | 3550 | 2.1 | 559 | 67800 | | | | | | | | | | | | | | | | |
| | | 5.9 | 3004 | 2.4 | 473 | 67800 | | | | | | | | | | | | | | | | |
| | 7.4 | 2394 | 2.7 | 377 | 67800 | | | | | | | | | | | | | | | | | |
| | 8.8 | 2026 | 3.0 | 319 | 67800 | | | | | | | | | | | | | | | | | |
| | 1.9 | 9346 | 0.9 | 473 | 67800 | 112M6C / 112M6D | 303 | 308 | 291 | 296 | 276 | 281 | 326-327 | | | | | | | | | |
| | 2.4 | 7449 | 1.0 | 377 | 67800 | | | | | | | | | | | | | | | | | |
| | 2.5 | 7054 | 1.0 | 357 | 67800 | | | | | | | | | | | | | | | | | |
| | 2.8 | 6303 | 1.1 | 319 | 67800 | | | | | | | | | | | | | | | | | |
| | 3.3 | 5394 | 1.3 | 273 | 67800 | | | | | | | | | | | | | | | | | |
| | 3.9 | 4564 | 1.7 | 231 | 67800 | | | | | | | | | | | | | | | | | |
| | 4.6 | 3853 | 1.7 | 195 | 67800 | | | | | | | | | | | | | | | | | |
| | 5.5 | 3260 | 1.7 | 165 | 67800 | | | | | | | | | | | | | | | | | |
| | 7.4 | 2391 | 1.7 | 121 | 67800 | | | | | | | | | | | | | | | | | |
| | 1.9 | 9285 | 0.9 | 731 | 67800 | 100L4B / 100L4C | 295 | 300 | 283 | 288 | 268 | 273 | 326-327 | | | | | | | | | |
| | 2.2 | 8244 | 1.0 | 649 | 67800 | | | | | | | | | | | | | | | | | |
| | 2.5 | 7100 | 1.2 | 559 | 67800 | | | | | | | | | | | | | | | | | |
| | 3.0 | 6008 | 1.4 | 473 | 67800 | | | | | | | | | | | | | | | | | |
| | 3.7 | 4789 | 1.5 | 377 | 67800 | | | | | | | | | | | | | | | | | |
| | 3.9 | 4535 | 1.6 | 357 | 67800 | | | | | | | | | | | | | | | | | |
| | 4.4 | 4052 | 1.8 | 319 | 67800 | | | | | | | | | | | | | | | | | |
| | 5.1 | 3468 | 2.1 | 273 | 67800 | | | | | | | | | | | | | | | | | |
| | 6.1 | 2934 | 2.3 | 231 | 67800 | | | | | | | | | | | | | | | | | |
| | 7.2 | 2477 | 2.2 | 195 | 67800 | | | | | | | | | | | | | | | | | |
| | 8.5 | 2096 | 2.3 | 165 | 67800 | | | | | | | | | | | | | | | | | |
| | 11.6 | 1537 | 2.3 | 121 | 67800 | | | | | | | | | | | | | | | | | |
| | 3.8 | 4643 | 1.8 | 731 | 67800 | | | | | | | | | 90L2D | 283 | 280 | 271 | 268 | 256 | 253 | 326-327 | |
| | 4.3 | 4122 | 1.8 | 649 | 67800 | | | | | | | | | | | | | | | | | |
| | 5.0 | 3550 | 2.2 | 559 | 67800 | | | | | | | | | | | | | | | | | |
| | 5.9 | 3004 | 2.3 | 473 | 67800 | | | | | | | | | | | | | | | | | |
| | 7.4 | 2394 | 2.2 | 377 | 67800 | | | | | | | | | | | | | | | | | |
| 7.8 | 2267 | 2.1 | 357 | 67800 | | | | | | | | | | | | | | | | | | |
| 8.8 | 2026 | 2.3 | 319 | 67800 | | | | | | | | | | | | | | | | | | |
| 10.3 | 1734 | 2.2 | 273 | 67800 | | | | | | | | | | | | | | | | | | |
| 12.1 | 1467 | 2.3 | 231 | 66700 | | | | | | | | | | | | | | | | | | |
| 14.4 | 1238 | 2.2 | 195 | 63400 | | | | | | | | | | | | | | | | | | |
| 17.0 | 1048 | 2.3 | 165 | 60300 | | | | | | | | | | | | | | | | | | |
| 23.1 | 768 | 2.3 | 121 | 54900 | | | | | | | | | | | | | | | | | | |
| 2.1 | 8397 | 0.8 | 425 | 51000 | 112M6C / 112M6D | 294 | 288 | 279 | 273 | 249 | 243 | 322-323 | | | | | | | | | | |
| 2.4 | 7449 | 1.0 | 377 | 51000 | | | | | | | | | | | | | | | | | | |
| 2.5 | 7054 | 1.0 | 357 | 51000 | | | | | | | | | | | | | | | | | | |
| 2.8 | 6303 | 1.1 | 319 | 51000 | | | | | | | | | | | | | | | | | | |
| 3.3 | 5394 | 1.3 | 273 | 51000 | | | | | | | | | | | | | | | | | | |
| 3.9 | 4564 | 1.6 | 231 | 51000 | | | | | | | | | | | | | | | | | | |
| 4.6 | 3853 | 1.7 | 195 | 51000 | | | | | | | | | | | | | | | | | | |
| 5.5 | 3260 | 2.1 | 165 | 51000 | | | | | | | | | | | | | | | | | | |
| 6.3 | 2825 | 2.4 | 143 | 51000 | | | | | | | | | | | | | | | | | | |
| 7.4 | 2391 | 2.3 | 121 | 51000 | | | | | | | | | | | | | | | | | | |
| 8.7 | 2055 | 2.9 | 104 | 51000 | | | | | | | | | | | | | | | | | | |
| 2.2 | 8244 | 0.9 | 649 | 51000 | 100L4B / 100L4C | 286 | 280 | 271 | 265 | 241 | 235 | 322-323 | | | | | | | | | | |
| 2.4 | 7558 | 0.9 | 595 | 51000 | | | | | | | | | | | | | | | | | | |
| 2.5 | 7100 | 1.0 | 559 | 51000 | | | | | | | | | | | | | | | | | | |
| 2.7 | 6669 | 1.1 | 525 | 51000 | | | | | | | | | | | | | | | | | | |
| 3.0 | 6008 | 1.2 | 473 | 51000 | | | | | | | | | | | | | | | | | | |
| 3.3 | 5398 | 1.3 | 425 | 51000 | | | | | | | | | | | | | | | | | | |
| 3.7 | 4789 | 1.5 | 377 | 51000 | | | | | | | | | | | | | | | | | | |
| 3.9 | 4535 | 1.6 | 357 | 51000 | | | | | | | | | | | | | | | | | | |
| 4.4 | 4052 | 1.8 | 319 | 51000 | | | | | | | | | | | | | | | | | | |
| 5.1 | 3468 | 2.1 | 273 | 51000 | | | | | | | | | | | | | | | | | | |
| 6.1 | 2934 | 2.4 | 231 | 51000 | | | | | | | | | | | | | | | | | | |
| 7.2 | 2477 | 2.5 | 195 | 51000 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | kg ~ | | | | | | mm | | | | | | | | | | | |
|------------------------|---------------|--|------------------------|----------------|------------------|-------------------------|---------------|------------------------|------------------------|--------------|-----|-----|-----|---------|---------|---------|---------|------------------------|-----|-----|-----|-----|-----|-----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | | | |
| 2.20 | 619/13 | 3.8 | 4643 | 1.5 | 731 | 51000 | 90L2D | 273 | 267 | 258 | 252 | 228 | 222 | 322-323 | | | | | | | | | | | |
| | | 4.3 | 4122 | 1.5 | 649 | 51000 | | | | | | | | | | | | | | | | | | | |
| | | 4.7 | 3779 | 1.8 | 595 | 51000 | | | | | | | | | | | | | | | | | | | |
| | | 5.0 | 3550 | 1.8 | 559 | 51000 | | | | | | | | | | | | | | | | | | | |
| | | 5.3 | 3334 | 2.1 | 525 | 51000 | | | | | | | | | | | | | | | | | | | |
| | | 5.9 | 3004 | 2.0 | 473 | 51000 | | | | | | | | | | | | | | | | | | | |
| | | 6.6 | 2699 | 2.6 | 425 | 51000 | | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 2394 | 2.5 | 377 | 51000 | | | | | | | | | | | | | | | | | | | |
| | | 8.8 | 2026 | 2.8 | 319 | 51000 | | | | | | | | | | | | | | | | | | | |
| | | 8.8 | 2026 | 2.8 | 319 | 51000 | | | | | | | | | | | | | | | | | | | |
| | 619/11 | | 2.1 | 8397 | 0.8 | 425 | 51000 | 112M6C / 112M6D | 282 | 286 | 267 | 271 | 237 | 241 | 318-319 | | | | | | | | | | |
| | | | 2.4 | 7449 | 1.0 | 377 | 51000 | | | | | | | | | | | | | | | | | | |
| | | | 2.5 | 7054 | 1.0 | 357 | 51000 | | | | | | | | | | | | | | | | | | |
| | | | 2.8 | 6303 | 1.1 | 319 | 51000 | | | | | | | | | | | | | | | | | | |
| | | | 3.3 | 5394 | 1.3 | 273 | 51000 | | | | | | | | | | | | | | | | | | |
| | | | 3.9 | 4564 | 1.6 | 231 | 51000 | | | | | | | | | | | | | | | | | | |
| | | | 4.6 | 3853 | 1.5 | 195 | 51000 | | | | | | | | | | | | | | | | | | |
| | | | 5.5 | 3260 | 1.6 | 165 | 51000 | | | | | | | | | | | | | | | | | | |
| | | | 6.3 | 2825 | 1.6 | 143 | 51000 | | | | | | | | | | | | | | | | | | |
| | | | 7.4 | 2391 | 1.6 | 121 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 8.7 | 2055 | 1.6 | 104 | 51000 | | | | | | | | | | | | | | | | | | | |
| | | | | 2.2 | 8244 | 0.9 | 649 | 51000 | 100L4B / 100L4C | 274 | 278 | 259 | 263 | 229 | 233 | 318-319 | | | | | | | | | |
| | | | | 2.4 | 7558 | 0.9 | 595 | 51000 | | | | | | | | | | | | | | | | | |
| | | | | 2.5 | 7100 | 1.0 | 559 | 51000 | | | | | | | | | | | | | | | | | |
| | | | | 2.7 | 6669 | 1.1 | 525 | 51000 | | | | | | | | | | | | | | | | | |
| | | | | 3.0 | 6008 | 1.2 | 473 | 51000 | | | | | | | | | | | | | | | | | |
| | | | | 3.3 | 5398 | 1.3 | 425 | 51000 | | | | | | | | | | | | | | | | | |
| | | | | 3.7 | 4789 | 1.5 | 377 | 51000 | | | | | | | | | | | | | | | | | |
| | | | | 3.9 | 4535 | 1.6 | 357 | 51000 | | | | | | | | | | | | | | | | | |
| | | | | 4.4 | 4052 | 1.8 | 319 | 51000 | | | | | | | | | | | | | | | | | |
| | | | | 5.1 | 3468 | 2.1 | 273 | 51000 | | | | | | | | | | | | | | | | | |
| | | | 6.1 | 2934 | 2.1 | 231 | 51000 | | | | | | | | | | | | | | | | | | |
| | | | 7.2 | 2477 | 2.1 | 195 | 51000 | | | | | | | | | | | | | | | | | | |
| | | | 8.5 | 2096 | 2.1 | 165 | 51000 | | | | | | | | | | | | | | | | | | |
| | | | 9.8 | 1816 | 2.1 | 143 | 51000 | | | | | | | | | | | | | | | | | | |
| | | | 11.6 | 1537 | 2.1 | 121 | 51000 | | | | | | | | | | | | | | | | | | |
| | | | 13.5 | 1321 | 2.1 | 104 | 51000 | | | | | | | | | | | | | | | | | | |
| | | | | | 3.8 | 4643 | 1.5 | 731 | 51000 | 90L2D | 262 | 260 | 247 | 245 | 217 | 215 | 318-319 | | | | | | | | |
| | | | | | 4.3 | 4122 | 1.7 | 649 | 51000 | | | | | | | | | | | | | | | | |
| | | | | | 4.7 | 3779 | 1.9 | 595 | 51000 | | | | | | | | | | | | | | | | |
| | | | | | 5.0 | 3550 | 2.0 | 559 | 51000 | | | | | | | | | | | | | | | | |
| | | 5.3 | | | 3334 | 1.7 | 525 | 51000 | | | | | | | | | | | | | | | | | |
| | | 5.9 | | | 3004 | 2.1 | 473 | 51000 | | | | | | | | | | | | | | | | | |
| | | 6.6 | | | 2699 | 2.0 | 425 | 51000 | | | | | | | | | | | | | | | | | |
| | | 7.4 | | | 2394 | 2.1 | 377 | 51000 | | | | | | | | | | | | | | | | | |
| | | 7.8 | | | 2267 | 2.0 | 357 | 51000 | | | | | | | | | | | | | | | | | |
| | | 8.8 | | | 2026 | 2.1 | 319 | 51000 | | | | | | | | | | | | | | | | | |
| | | 10.3 | | 1734 | 2.1 | 273 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 12.1 | | 1467 | 2.1 | 231 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 14.4 | | 1238 | 2.1 | 195 | 51000 | | | | | | | | | | | | | | | | | | |
| | 17.0 | 1048 | | 2.1 | 165 | 49700 | | | | | | | | | | | | | | | | | | | |
| | 19.6 | 908 | | 2.1 | 143 | 47400 | | | | | | | | | | | | | | | | | | | |
| | 23.1 | 768 | | 2.1 | 121 | 44800 | | | | | | | | | | | | | | | | | | | |
| | 26.9 | 661 | | 2.1 | 104 | 42500 | | | | | | | | | | | | | | | | | | | |
| | 618/13 | | | 3.9 | 4564 | 0.9 | 231 | 36600 | 112M6C / 112M6D | 229 | 220 | 216 | 207 | 196 | 187 | 314-315 | | | | | | | | | |
| | | | | 4.6 | 3853 | 1.0 | 195 | 36600 | | | | | | | | | | | | | | | | | |
| | | | | 5.5 | 3260 | 1.2 | 165 | 36600 | | | | | | | | | | | | | | | | | |
| | | | 6.3 | 2825 | 1.4 | 143 | 36600 | | | | | | | | | | | | | | | | | | |
| | | | 7.4 | 2391 | 1.4 | 121 | 36600 | | | | | | | | | | | | | | | | | | |
| | | | 8.7 | 2055 | 1.9 | 104 | 36600 | | | | | | | | | | | | | | | | | | |
| | | | | | 3.7 | 4789 | 0.8 | 377 | | | | | | | | | 36600 | 100L4B / 100L4C | 221 | 212 | 208 | 199 | 188 | 179 | 314-315 |
| | | | | | 3.9 | 4535 | 0.9 | 357 | | | | | | | | | 36600 | | | | | | | | |
| | | | | | 4.4 | 4052 | 1.0 | 319 | | | | | | | | | 36600 | | | | | | | | |
| | | | | | 5.1 | 3468 | 1.1 | 273 | | | | | | | | | 36600 | | | | | | | | |
| | | 6.1 | | | 2934 | 1.4 | 231 | 36600 | | | | | | | | | | | | | | | | | |
| | | 7.2 | | | 2477 | 1.6 | 195 | 36600 | | | | | | | | | | | | | | | | | |
| | | 8.5 | | | 2096 | 1.9 | 165 | 36600 | | | | | | | | | | | | | | | | | |
| | | 9.8 | | | 1816 | 2.1 | 143 | 36600 | | | | | | | | | | | | | | | | | |
| | | 11.6 | | | 1537 | 2.1 | 121 | 36600 | | | | | | | | | | | | | | | | | |
| | | 13.5 | | | 1321 | 2.9 | 104 | 36600 | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|-------|------------------------|-----|-----|-----|-----|---|-----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | |
| 2.20 | 618/13 | 3.8 | 4643 | 0.9 | 731 | 36600 | 90L2D | 208 | 200 | 195 | 187 | 175 | 167 | 314-315 | | |
| | | 4.3 | 4122 | 1.0 | 649 | 36600 | | | | | | | | | | |
| | | 4.7 | 3779 | 1.1 | 595 | 36600 | | | | | | | | | | |
| | | 5.0 | 3550 | 1.1 | 559 | 36600 | | | | | | | | | | |
| | | 5.3 | 3334 | 1.2 | 525 | 36600 | | | | | | | | | | |
| | | 5.9 | 3004 | 1.3 | 473 | 36600 | | | | | | | | | | |
| | | 6.6 | 2699 | 1.5 | 425 | 36600 | | | | | | | | | | |
| | | 7.4 | 2394 | 1.7 | 377 | 36600 | | | | | | | | | | |
| | | 7.8 | 2267 | 1.8 | 357 | 36600 | | | | | | | | | | |
| | | 8.8 | 2026 | 2.0 | 319 | 36600 | | | | | | | | | | |
| 10.3 | 1734 | 2.3 | 273 | 36600 | | | | | | | | | | | | |
| 12.1 | 1467 | 2.7 | 231 | 36600 | | | | | | | | | | | | |
| | | 3.7 | 4789 | 0.8 | 377 | 36600 | 100L4B / 100L4C | 198 | 205 | 185 | 192 | 165 | 172 | 310-311 | | |
| | | 3.9 | 4535 | 0.9 | 357 | 36600 | | | | | | | | | | |
| | | 4.4 | 4052 | 1.0 | 319 | 36600 | | | | | | | | | | |
| | | 5.1 | 3468 | 1.1 | 273 | 36600 | | | | | | | | | | |
| | | 6.1 | 2934 | 1.2 | 231 | 36600 | | | | | | | | | | |
| | | 7.2 | 2477 | 1.2 | 195 | 36600 | | | | | | | | | | |
| | | 8.5 | 2096 | 1.2 | 165 | 36600 | | | | | | | | | | |
| | | 9.8 | 1816 | 1.2 | 143 | 36600 | | | | | | | | | | |
| | | 11.6 | 1537 | 1.2 | 121 | 36600 | | | | | | | | | | |
| | | 13.5 | 1321 | 1.2 | 104 | 36600 | | | | | | | | | | |
| | 618/10 | 3.8 | 4643 | 0.9 | 731 | 36600 | 90L2D | 186 | 193 | 173 | 180 | 153 | 160 | 310-311 | | |
| | | 4.3 | 4122 | 1.0 | 649 | 36600 | | | | | | | | | | |
| | | 4.7 | 3779 | 1.0 | 595 | 36600 | | | | | | | | | | |
| | | 5.0 | 3550 | 1.2 | 559 | 36600 | | | | | | | | | | |
| | | 5.3 | 3334 | 1.2 | 525 | 36600 | | | | | | | | | | |
| | | 5.9 | 3004 | 1.2 | 473 | 36600 | | | | | | | | | | |
| | | 6.6 | 2699 | 1.0 | 425 | 36600 | | | | | | | | | | |
| | | 7.4 | 2394 | 1.2 | 377 | 36600 | | | | | | | | | | |
| | | 7.8 | 2267 | 1.0 | 357 | 36600 | | | | | | | | | | |
| | | 8.8 | 2026 | 1.2 | 319 | 36600 | | | | | | | | | | |
| 10.3 | 1734 | 1.2 | 273 | 36600 | | | | | | | | | | | | |
| 12.1 | 1467 | 1.2 | 231 | 36600 | | | | | | | | | | | | |
| 14.4 | 1238 | 1.2 | 195 | 36600 | | | | | | | | | | | | |
| 17.0 | 1048 | 1.2 | 165 | 35500 | | | | | | | | | | | | |
| 19.6 | 908 | 1.2 | 143 | 33800 | | | | | | | | | | | | |
| 23.1 | 768 | 1.2 | 121 | 32100 | | | | | | | | | | | | |
| 26.9 | 661 | 1.2 | 104 | 30500 | | | | | | | | | | | | |
| 618 | | 10.3 | 1868 | 2.4 | 87 | 36600 | 112M6C / 112M6D | 217 | - | 204 | - | 184 | - | 208-209 | | |
| | | 12.7 | 1525 | 2.8 | 71 | 36600 | | | | | | | | | | |
| | | 5.5 | 3260 | 0.8 | 165 | 27000 | 112M6C / 112M6D | 172 | 166 | 172 | 166 | 143 | 137 | 306-307 | | |
| | | 6.3 | 2825 | 1.0 | 143 | 27000 | | | | | | | | | | |
| | | 7.4 | 2391 | 1.0 | 121 | 27000 | | | | | | | | | | |
| | | 8.7 | 2055 | 1.3 | 104 | 27000 | | | | | | | | | | |
| | | 617/11 | | 6.1 | 2934 | 0.9 | 231 | 27000 | 100L4B / 100L4C | 164 | 158 | 164 | 158 | 135 | 129 | 306-307 |
| | | | | 7.2 | 2477 | 1.1 | 195 | 27000 | | | | | | | | |
| | | | | 8.5 | 2096 | 1.3 | 165 | 27000 | | | | | | | | |
| | | | | 9.8 | 1816 | 1.5 | 143 | 27000 | | | | | | | | |
| | | | | 11.6 | 1537 | 1.6 | 121 | 27000 | | | | | | | | |
| | | | | 13.5 | 1321 | 2.0 | 104 | 27000 | | | | | | | | |
| 617/11 | | 5.3 | 3334 | 0.8 | 525 | 27000 | 90L2D | 152 | 146 | 152 | 146 | 123 | 117 | 306-307 | | |
| | | 5.9 | 3004 | 0.9 | 473 | 27000 | | | | | | | | | | |
| | | 6.6 | 2699 | 1.0 | 425 | 27000 | | | | | | | | | | |
| | | 7.4 | 2394 | 1.1 | 377 | 27000 | | | | | | | | | | |
| | | 7.8 | 2267 | 1.2 | 357 | 27000 | | | | | | | | | | |
| | | 8.8 | 2026 | 1.3 | 319 | 27000 | | | | | | | | | | |
| | | 10.3 | 1734 | 1.6 | 273 | 27000 | | | | | | | | | | |
| | | 12.1 | 1467 | 1.8 | 231 | 27000 | | | | | | | | | | |
| | | 14.4 | 1238 | 1.9 | 195 | 27000 | | | | | | | | | | |
| | | 17.0 | 1048 | 2.1 | 165 | 26500 | | | | | | | | | | |
| 19.6 | 908 | 2.1 | 143 | 25200 | | | | | | | | | | | | |
| 23.1 | 768 | 2.1 | 121 | 23800 | | | | | | | | | | | | |
| 26.9 | 661 | 2.1 | 104 | 22600 | | | | | | | | | | | | |
| 617/10 | | 6.1 | 2934 | 0.9 | 231 | 27000 | 100L4B / 100L4C | 154 | 151 | 154 | 151 | 125 | 122 | 302-303 | | |
| | | 7.2 | 2477 | 1.1 | 195 | 27000 | | | | | | | | | | |
| | | 8.5 | 2096 | 1.2 | 165 | 27000 | | | | | | | | | | |
| | | 9.8 | 1816 | 1.2 | 143 | 27000 | | | | | | | | | | |
| | | 11.6 | 1537 | 1.2 | 121 | 27000 | | | | | | | | | | |
| 13.5 | 1321 | 1.2 | 104 | 27000 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | | | | | | |
|------------------------|---------------|--|------------------------|----------------|------------------|-------------------------|------------------------|------|-----|-----|-----|-----|-----|---------|------------------------|----|----|----|----|----|----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 2.20 | 617/10 | 5.3 | 3334 | 0.8 | 525 | 27000 | 90L2D | 142 | 138 | 142 | 138 | 113 | 109 | 302-303 | | | | | | | | |
| | | 5.9 | 3004 | 0.9 | 473 | 27000 | | | | | | | | | | | | | | | | |
| | | 6.6 | 2699 | 1.0 | 425 | 27000 | | | | | | | | | | | | | | | | |
| | | 7.4 | 2394 | 1.2 | 377 | 27000 | | | | | | | | | | | | | | | | |
| | | 7.8 | 2267 | 1.0 | 357 | 27000 | | | | | | | | | | | | | | | | |
| | | 8.8 | 2026 | 1.2 | 319 | 27000 | | | | | | | | | | | | | | | | |
| | | 10.3 | 1734 | 1.2 | 273 | 27000 | | | | | | | | | | | | | | | | |
| | | 12.1 | 1467 | 1.2 | 231 | 27000 | | | | | | | | | | | | | | | | |
| | | 14.4 | 1238 | 1.2 | 195 | 27000 | | | | | | | | | | | | | | | | |
| | | 17.0 | 1048 | 1.2 | 165 | 26500 | | | | | | | | | | | | | | | | |
| 617 | | 10.3 | 1868 | 1.6 | 87 | 27000 | 112M6C / 112M6D | 178 | - | 178 | - | 149 | - | 204-205 | | | | | | | | |
| | | 12.7 | 1525 | 1.9 | 71 | 27000 | | | | | | | | | | | | | | | | |
| | | 15.3 | 1267 | 2.3 | 59 | 27000 | | | | | | | | | | | | | | | | |
| | | 17.6 | 1095 | 2.7 | 51 | 25800 | | | | | | | | | | | | | | | | |
| | | 16.1 | 1201 | 2.2 | 87 | 26900 | | | | | | | | | | | | | | | | |
| 616/11 | | 8.7 | 2055 | 0.9 | 104 | 19200 | 112M6C / 112M6D | 137 | 130 | 132 | 125 | 119 | 112 | 294-295 | | | | | | | | |
| | | 8.5 | 2096 | 0.8 | 165 | 19200 | | | | | | | | | | | | | | | | |
| | | 9.8 | 1816 | 1.0 | 143 | 19200 | | | | | | | | | | | | | | | | |
| | | 11.6 | 1537 | 1.0 | 121 | 19200 | | | | | | | | | | | | | | | | |
| | | 13.5 | 1321 | 1.2 | 104 | 19200 | | | | | | | | | | | | | | | | |
| | | 8.8 | 2026 | 0.9 | 319 | 19200 | | | | | | | | | | | | | | | | |
| | | 10.3 | 1734 | 1.0 | 273 | 19200 | | | | | | | | | | | | | | | | |
| | | 12.1 | 1467 | 1.2 | 231 | 19200 | | | | | | | | | | | | | | | | |
| | | 14.4 | 1238 | 1.4 | 195 | 19200 | | | | | | | | | | | | | | | | |
| | | 17.0 | 1048 | 1.7 | 165 | 19200 | | | | | | | | | | | | | | | | |
| 616/10 | | 8.5 | 2096 | 0.8 | 165 | 19200 | 100L4B / 100L4C | 120 | 115 | 115 | 110 | 102 | 97 | 290-291 | | | | | | | | |
| | | 9.8 | 1816 | 1.0 | 143 | 19200 | | | | | | | | | | | | | | | | |
| | | 11.6 | 1537 | 1.0 | 121 | 19200 | | | | | | | | | | | | | | | | |
| | | 13.5 | 1321 | 1.2 | 104 | 19200 | | | | | | | | | | | | | | | | |
| | | 8.8 | 2026 | 0.9 | 319 | 19200 | | | | | | | | | | | | | | | | |
| | | 10.3 | 1734 | 1.0 | 273 | 19200 | | | | | | | | | | | | | | | | |
| | | 12.1 | 1467 | 1.2 | 231 | 19200 | | | | | | | | | | | | | | | | |
| | | 14.4 | 1238 | 1.1 | 195 | 19200 | | | | | | | | | | | | | | | | |
| | | 17.0 | 1048 | 1.2 | 165 | 19200 | | | | | | | | | | | | | | | | |
| | | 19.6 | 908 | 1.2 | 143 | 19200 | | | | | | | | | | | | | | | | |
| 616 | | 10.3 | 1868 | 1.1 | 87 | 19200 | 112M6C / 112M6D | 133 | 120 | 128 | 115 | 115 | 102 | 200-201 | | | | | | | | |
| | | 12.7 | 1525 | 1.3 | 71 | 19200 | | | | | | | | | | | | | | | | |
| | | 15.3 | 1267 | 1.6 | 59 | 19200 | | | | | | | | | | | | | | | | |
| | | 17.6 | 1095 | 1.8 | 51 | 19200 | | | | | | | | | | | | | | | | |
| | | 20.9 | 924 | 2.1 | 43 | 19200 | | | | | | | | | | | | | | | | |
| | | 25.7 | 752 | 2.6 | 35 | 19100 | | | | | | | | | | | | | | | | |
| | | 16.1 | 1201 | 1.5 | 87 | 19200 | | | | | | | | | | | | | | | | |
| | | 19.7 | 980 | 1.8 | 71 | 19200 | | | | | | | | | | | | | | | | |
| | | 23.7 | 815 | 2.2 | 59 | 19200 | | | | | | | | | | | | | | | | |
| | | 27.5 | 704 | 2.6 | 51 | 18900 | | | | | | | | | | | | | | | | |
| 615 | | 32.2 | 601 | 1.5 | 87 | 17900 | 90L2D | 112 | 100 | 107 | 95 | 94 | 82 | 200-201 | | | | | | | | |
| | | 39.4 | 490 | 1.9 | 71 | 16800 | | | | | | | | | | | | | | | | |
| | | 47.5 | 407 | 2.3 | 59 | 15800 | | | | | | | | | | | | | | | | |
| | | 54.9 | 352 | 2.6 | 51 | 15100 | | | | | | | | | | | | | | | | |
| | | 15.3 | 1267 | 0.9 | 59 | 15400 | | | | | | | | | 112M6C / 112M6D | 90 | 81 | 87 | 76 | 81 | 70 | 196-197 |
| | | 17.6 | 1095 | 1.0 | 51 | 15400 | | | | | | | | | | | | | | | | |
| | | 20.9 | 924 | 1.2 | 43 | 15400 | | | | | | | | | | | | | | | | |
| | | 25.7 | 752 | 1.5 | 35 | 15400 | | | | | | | | | | | | | | | | |
| | | 31.0 | 623 | 1.8 | 29 | 15400 | | | | | | | | | | | | | | | | |
| | | 36.0 | 537 | 2.1 | 25 | 15400 | | | | | | | | | | | | | | | | |
| 42.9 | 451 | 2.4 | 21 | 14700 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|----|----|----|---------|---------|---|
| | | | | | | | | HC | HX | VC | VX | FC | FX | |
| 2.20 | 615 | 16.1 | 1201 | 0.9 | 87 | 15400 | 100L4B / 100L4C | 82 | 73 | 79 | 68 | 73 | 62 | 196-197 |
| | | 19.7 | 980 | 1.0 | 71 | 15400 | | | | | | | | |
| | | 23.7 | 815 | 1.3 | 59 | 15400 | | | | | | | | |
| | | 27.5 | 704 | 1.5 | 51 | 15400 | | | | | | | | |
| | | 32.6 | 594 | 1.8 | 43 | 15400 | | | | | | | | |
| | | 40.0 | 483 | 2.2 | 35 | 15200 | | | | | | | | |
| | | 48.3 | 400 | 2.6 | 29 | 14300 | | | | | | | | |
| | | 32.2 | 601 | 0.9 | 87 | 15400 | 90L2D | 69 | 61 | 66 | 57 | 60 | 51 | 196-197 |
| | | 39.4 | 490 | 1.0 | 71 | 15300 | | | | | | | | |
| | | 47.5 | 407 | 1.3 | 59 | 14400 | | | | | | | | |
| | | 54.9 | 352 | 1.5 | 51 | 13800 | | | | | | | | |
| | | 65.1 | 297 | 1.8 | 43 | 13100 | | | | | | | | |
| | | 80.0 | 242 | 2.2 | 35 | 12400 | | | | | | | | |
| | | 96.6 | 200 | 2.6 | 29 | 11700 | | | | | | | | |
| | 614/10 | 14.4 | 1238 | 0.8 | 195 | 14400 | 90L2D | 66 | 63 | 66 | 62 | 59 | 56 | 282-283 |
| | | 17.0 | 1048 | 1.0 | 165 | 14400 | | | | | | | | |
| | | 19.6 | 908 | 1.0 | 143 | 14400 | | | | | | | | |
| | | 23.1 | 768 | 1.1 | 121 | 14400 | | | | | | | | |
| | | 26.9 | 661 | 1.2 | 104 | 14400 | | | | | | | | |
| | 614 | 15.3 | 1267 | 0.9 | 59 | 14400 | 112M6C / 112M6D | 88 | 81 | 87 | 80 | 81 | 74 | 192-193 |
| | | 17.6 | 1095 | 1.0 | 51 | 14400 | | | | | | | | |
| | | 20.9 | 924 | 1.1 | 43 | 14400 | | | | | | | | |
| | | 25.7 | 752 | 1.5 | 35 | 14400 | | | | | | | | |
| | | 31.0 | 623 | 1.7 | 29 | 13900 | | | | | | | | |
| | | 36.0 | 537 | 2.0 | 25 | 13300 | | | | | | | | |
| | | 42.9 | 451 | 2.3 | 21 | 12600 | | | | | | | | |
| | | 16.1 | 1201 | 0.9 | 87 | 14400 | 100L4B / 100L4C | 80 | 73 | 79 | 72 | 73 | 66 | 192-193 |
| | | 19.7 | 980 | 1.0 | 71 | 14400 | | | | | | | | |
| 23.7 | | 815 | 1.3 | 59 | 14400 | | | | | | | | | |
| 27.5 | | 704 | 1.3 | 51 | 14400 | | | | | | | | | |
| 32.6 | | 594 | 1.4 | 43 | 13800 | | | | | | | | | |
| 40.0 | | 483 | 2.1 | 35 | 13000 | | | | | | | | | |
| 48.3 | | 400 | 2.2 | 29 | 12300 | | | | | | | | | |
| 56.0 | 345 | 2.7 | 25 | 11800 | | | | | | | | | | |
| 32.2 | 601 | 0.9 | 87 | 13900 | 90L2D | 67 | 61 | 66 | 59 | 60 | 54 | 192-193 | | |
| 39.4 | 490 | 1.0 | 71 | 13000 | | | | | | | | | | |
| 47.5 | 407 | 1.3 | 59 | 12400 | | | | | | | | | | |
| 54.9 | 352 | 1.3 | 51 | 11900 | | | | | | | | | | |
| 65.1 | 297 | 1.4 | 43 | 11200 | | | | | | | | | | |
| 80.0 | 242 | 2.1 | 35 | 10600 | | | | | | | | | | |
| 96.6 | 200 | 2.2 | 29 | 10000 | | | | | | | | | | |
| 112.0 | 173 | 2.7 | 25 | 9520 | | | | | | | | | | |
| 613/10 | 19.6 | 908 | 0.8 | 143 | 12900 | 90L2D | 66 | 63 | 66 | 62 | 59 | 56 | 270-271 | |
| | 23.1 | 768 | 1.0 | 121 | 12500 | | | | | | | | | |
| | 26.9 | 661 | 1.1 | 104 | 11900 | | | | | | | | | |
| 613 | 20.9 | 924 | 0.9 | 43 | 12700 | 112M6C / 112M6D | 87 | 80 | 86 | 79 | 80 | 73 | 188-189 | |
| | 25.7 | 752 | 1.1 | 35 | 11900 | | | | | | | | | |
| | 31.0 | 623 | 1.3 | 29 | 11200 | | | | | | | | | |
| | 36.0 | 537 | 1.5 | 25 | 10600 | | | | | | | | | |
| | 42.9 | 451 | 1.8 | 21 | 10000 | | | | | | | | | |
| | 52.9 | 365 | 2.3 | 17 | 9320 | | | | | | | | | |
| | 60.0 | 322 | 2.6 | 15 | 8940 | | | | | | | | | |
| | 69.2 | 279 | 3.0 | 13 | 8530 | | | | | | | | | |
| | 19.7 | 980 | 0.8 | 71 | 12900 | 100L4B / 100L4C | 79 | 72 | 78 | 71 | 72 | 65 | 188-189 | |
| | 23.7 | 815 | 1.0 | 59 | 12400 | | | | | | | | | |
| | 27.5 | 704 | 1.1 | 51 | 11800 | | | | | | | | | |
| | 32.6 | 594 | 1.3 | 43 | 11100 | | | | | | | | | |
| | 40.0 | 483 | 1.7 | 35 | 10400 | | | | | | | | | |
| | 48.3 | 400 | 2.0 | 29 | 9740 | | | | | | | | | |
| 56.0 | 345 | 2.3 | 25 | 9270 | | | | | | | | | | |
| 66.7 | 290 | 2.7 | 21 | 8740 | | | | | | | | | | |
| 39.4 | 490 | 0.8 | 71 | 10400 | 90L2D | 66 | 60 | 65 | 59 | 59 | 53 | 188-189 | | |
| 47.5 | 407 | 1.0 | 59 | 9780 | | | | | | | | | | |
| 54.9 | 352 | 1.1 | 51 | 9320 | | | | | | | | | | |
| 65.1 | 297 | 1.3 | 43 | 8800 | | | | | | | | | | |
| 80.0 | 242 | 1.7 | 35 | 8230 | | | | | | | | | | |
| 96.6 | 200 | 2.0 | 29 | 7730 | | | | | | | | | | |
| 112.0 | 173 | 2.3 | 25 | 7350 | | | | | | | | | | |
| 133.3 | 145 | 2.7 | 21 | 6930 | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] | IE2 / IE3 | kg ~ | | | | | | mm |
|------------------------|------------|--|------------------------|----------------|------------------------|-------------------------|------------------------|------|----|----|----|---------|---------|------------------------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | |
| 2.20 | 612 | 31.0 | 623 | 0.9 | 29 | 9620 | 112M6C / 112M6D | 67 | 62 | 65 | 60 | 62 | 57 | 184-185 |
| | | 36.0 | 537 | 1.0 | 25 | 9180 | | | | | | | | |
| | | 42.9 | 451 | 1.2 | 21 | 8660 | | | | | | | | |
| | | 52.9 | 365 | 1.5 | 17 | 8070 | | | | | | | | |
| | | 60.0 | 322 | 1.7 | 15 | 7750 | | | | | | | | |
| | | 69.2 | 279 | 1.7 | 13 | 7380 | | | | | | | | |
| | | 81.8 | 236 | 1.7 | 11 | 6980 | | | | | | | | |
| | | 112.5 | 172 | 2.3 | 8 | 6280 | | | | | | | | |
| | | 150.0 | 129 | 2.3 | 6 | 5710 | | | | | | | | |
| | | 32.6 | 594 | 0.9 | 43 | 9610 | | | | | | | | |
| | 40.0 | 483 | 1.1 | 35 | 8970 | | | | | | | | | |
| | 48.3 | 400 | 1.3 | 29 | 8420 | | | | | | | | | |
| | 56.0 | 345 | 1.5 | 25 | 8020 | | | | | | | | | |
| | 66.7 | 290 | 1.8 | 21 | 7570 | | | | | | | | | |
| | 82.4 | 235 | 2.3 | 17 | 7050 | | | | | | | | | |
| | 93.3 | 207 | 2.3 | 15 | 6770 | | | | | | | | | |
| | 107.7 | 179 | 2.3 | 13 | 6450 | | | | | | | | | |
| | 127.3 | 152 | 2.3 | 11 | 6100 | | | | | | | | | |
| | 65.1 | 297 | 0.9 | 43 | 7630 | 90L2D | 47 | 43 | 45 | 41 | 42 | 38 | 184-185 | |
| | 80.0 | 242 | 1.1 | 35 | 7120 | | | | | | | | | |
| | 96.6 | 200 | 1.3 | 29 | 6690 | | | | | | | | | |
| | 112.0 | 173 | 1.5 | 25 | 6360 | | | | | | | | | |
| | 133.3 | 145 | 1.8 | 21 | 6000 | | | | | | | | | |
| | 164.7 | 117 | 2.3 | 17 | 5600 | | | | | | | | | |
| | 186.7 | 104 | 2.3 | 15 | 5370 | | | | | | | | | |
| | 215.4 | 90 | 2.3 | 13 | 5120 | | | | | | | | | |
| | 254.5 | 76 | 2.3 | 11 | 4840 | | | | | | | | | |
| | 31.0 | 623 | 0.9 | 29 | 8460 | | | | | | | | | 112M6C / 112M6D |
| | 36.0 | 537 | 1.0 | 25 | 8460 | | | | | | | | | |
| | 42.9 | 451 | 1.2 | 21 | 8460 | | | | | | | | | |
| 52.9 | 365 | 1.5 | 17 | 8070 | | | | | | | | | | |
| 60.0 | 322 | 1.7 | 15 | 7750 | | | | | | | | | | |
| 69.2 | 279 | 1.7 | 13 | 7380 | | | | | | | | | | |
| 81.8 | 236 | 1.7 | 11 | 6980 | | | | | | | | | | |
| 112.5 | 172 | 1.7 | 8 | 6280 | | | | | | | | | | |
| 150.0 | 129 | 1.7 | 6 | 5710 | | | | | | | | | | |
| 32.6 | 594 | 0.9 | 43 | 8460 | 100L4B / 100L4C | 58 | 54 | 57 | 53 | 54 | 50 | 180-181 | | |
| 40.0 | 483 | 1.1 | 35 | 8460 | | | | | | | | | | |
| 48.3 | 400 | 1.3 | 29 | 8420 | | | | | | | | | | |
| 56.0 | 345 | 1.5 | 25 | 8020 | | | | | | | | | | |
| 66.7 | 290 | 1.8 | 21 | 7570 | | | | | | | | | | |
| 82.4 | 235 | 2.1 | 17 | 7050 | | | | | | | | | | |
| 93.3 | 207 | 2.2 | 15 | 6770 | | | | | | | | | | |
| 107.7 | 179 | 2.2 | 13 | 6450 | | | | | | | | | | |
| 127.3 | 152 | 2.3 | 11 | 6100 | | | | | | | | | | |
| 175.0 | 110 | 2.3 | 8 | 5480 | | | | | | | | | | |
| 233.3 | 83 | 2.3 | 6 | 4980 | | | | | | | | | | |
| 65.1 | 297 | 0.9 | 43 | 8070 | 90L2D | 46 | 42 | 45 | 41 | 42 | 38 | 180-181 | | |
| 80.0 | 242 | 1.1 | 35 | 7630 | | | | | | | | | | |
| 96.6 | 200 | 1.3 | 29 | 7120 | | | | | | | | | | |
| 112.0 | 173 | 1.5 | 25 | 6690 | | | | | | | | | | |
| 133.3 | 145 | 1.8 | 21 | 6360 | | | | | | | | | | |
| 164.7 | 117 | 2.1 | 17 | 6000 | | | | | | | | | | |
| 186.7 | 104 | 2.2 | 15 | 5600 | | | | | | | | | | |
| 215.4 | 90 | 2.2 | 13 | 5360 | | | | | | | | | | |
| 254.5 | 76 | 2.3 | 11 | 5120 | | | | | | | | | | |
| 350.0 | 55 | 2.3 | 8 | 4840 | | | | | | | | | | |
| 66.7 | 290 | 0.9 | 21 | 5290 | 100L4B / 100L4C | 45 | 41 | 43 | 39 | 42 | 38 | 176-177 | | |
| 82.4 | 235 | 1.0 | 17 | 5290 | | | | | | | | | | |
| 93.3 | 207 | 1.2 | 15 | 5290 | | | | | | | | | | |
| 107.7 | 179 | 1.2 | 13 | 5150 | | | | | | | | | | |
| 127.3 | 152 | 1.2 | 11 | 4860 | | | | | | | | | | |
| 175.0 | 110 | 1.2 | 8 | 4370 | | | | | | | | | | |
| 233.3 | 83 | 1.2 | 6 | 3980 | | | | | | | | | | |
| 133.3 | 145 | 0.9 | 21 | 4790 | 90L2D | 33 | 30 | 31 | 28 | 30 | 27 | 176-177 | | |
| 164.7 | 117 | 1.0 | 17 | 4470 | | | | | | | | | | |
| 186.7 | 104 | 1.2 | 15 | 4280 | | | | | | | | | | |
| 215.4 | 90 | 1.2 | 13 | 4090 | | | | | | | | | | |
| 254.5 | 76 | 1.2 | 11 | 3860 | | | | | | | | | | |
| 350.0 | 55 | 1.2 | 8 | 3470 | | | | | | | | | | |
| 466.7 | 41 | 1.2 | 6 | 3160 | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|-----|------|-----|---------|---------|---|-----------------|------|-----|-----|-----|-----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 3.00 | 626/19 | 1.2 | 19696 | 2.0 | 731 | 271000 | 132S6A | 1433 | - | 1368 | - | 1265 | - | 374-375 | | | | | | | | |
| | | 1.4 | 17486 | 2.3 | 649 | 271000 | | | | | | | | | | | | | | | | |
| | | 1.6 | 15062 | 2.6 | 559 | 271000 | | | | | | | | | | | | | | | | |
| | 625/19 | 1.2 | 19696 | 1.5 | 731 | 253000 | 132S6A | 1177 | - | 1085 | - | 1020 | - | 370-371 | | | | | | | | |
| | | 1.4 | 17486 | 1.7 | 649 | 253000 | | | | | | | | | | | | | | | | |
| | | 1.6 | 15062 | 2.0 | 559 | 253000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 12744 | 2.3 | 473 | 253000 | | | | | | | | | | | | | | | | |
| | | 2.4 | 10158 | 2.5 | 377 | 245000 | | | | | | | | | | | | | | | | |
| | | 2.5 | 9619 | 2.7 | 357 | 241000 | | | | | | | | | | | | | | | | |
| | 625/17 | 1.2 | 19696 | 1.5 | 731 | 253000 | 132S6A | 1089 | - | 997 | - | 932 | - | 366-367 | | | | | | | | |
| | | 1.4 | 17486 | 1.7 | 649 | 253000 | | | | | | | | | | | | | | | | |
| | | 1.6 | 15062 | 2.0 | 559 | 253000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 12744 | 2.3 | 473 | 253000 | | | | | | | | | | | | | | | | |
| | | 2.4 | 10158 | 2.5 | 377 | 245000 | | | | | | | | | | | | | | | | |
| | | 2.5 | 9619 | 2.7 | 357 | 241000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 12662 | 2.4 | 731 | 253000 | | | | | | | | | 100L4C / 100L4D | 1057 | - | 965 | - | 900 | - | 366-367 |
| | 2.2 | 11241 | 2.7 | 649 | 253000 | | | | | | | | | | | | | | | | | |
| | 624/18 | 1.2 | 19696 | 1.2 | 731 | 204000 | 132S6A | 766 | - | 720 | - | 699 | - | 362-363 | | | | | | | | |
| | | 1.4 | 17486 | 1.3 | 649 | 204000 | | | | | | | | | | | | | | | | |
| | | 1.6 | 15062 | 1.5 | 559 | 204000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 12744 | 1.8 | 473 | 204000 | | | | | | | | | | | | | | | | |
| | | 2.4 | 10158 | 2.0 | 377 | 200000 | | | | | | | | | | | | | | | | |
| | | 2.5 | 9619 | 2.1 | 357 | 197000 | | | | | | | | | | | | | | | | |
| | | 2.8 | 8595 | 2.4 | 319 | 190000 | | | | | | | | | | | | | | | | |
| | | 3.3 | 7356 | 2.7 | 273 | 181000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 12662 | 1.8 | 731 | 204000 | | | | | | | | | 100L4C / 100L4D | 735 | - | 689 | - | 668 | - | 362-363 |
| | | 2.2 | 11241 | 2.0 | 649 | 204000 | | | | | | | | | | | | | | | | |
| | 2.5 | 9682 | 2.4 | 559 | 199000 | | | | | | | | | | | | | | | | | |
| 3.0 | 8193 | 2.8 | 473 | 189000 | | | | | | | | | | | | | | | | | | |
| 624/16 | 1.2 | 19696 | 1.2 | 731 | 204000 | 132S6A | 727 | 719 | 681 | 673 | 660 | 652 | 358-359 | | | | | | | | | |
| | 1.4 | 17486 | 1.3 | 649 | 204000 | | | | | | | | | | | | | | | | | |
| | 1.6 | 15062 | 1.5 | 559 | 204000 | | | | | | | | | | | | | | | | | |
| | 1.9 | 12744 | 1.8 | 473 | 204000 | | | | | | | | | | | | | | | | | |
| | 2.4 | 10158 | 2.0 | 377 | 200000 | | | | | | | | | | | | | | | | | |
| | 2.5 | 9619 | 2.1 | 357 | 197000 | | | | | | | | | | | | | | | | | |
| | 2.8 | 8595 | 2.4 | 319 | 190000 | | | | | | | | | | | | | | | | | |
| | 3.3 | 7356 | 2.7 | 273 | 181000 | | | | | | | | | | | | | | | | | |
| | 1.9 | 12662 | 1.8 | 731 | 204000 | | | | | | | | | 100L4C / 100L4D | 695 | 684 | 649 | 638 | 628 | 617 | 358-359 | |
| | 2.2 | 11241 | 2.0 | 649 | 204000 | | | | | | | | | | | | | | | | | |
| 2.5 | 9682 | 2.4 | 559 | 199000 | | | | | | | | | | | | | | | | | | |
| 3.0 | 8193 | 2.8 | 473 | 189000 | | | | | | | | | | | | | | | | | | |
| 623/18 | 1.2 | 19696 | 0.9 | 731 | 175000 | 132S6A | 661 | - | 632 | - | 588 | - | 354-355 | | | | | | | | | |
| | 1.4 | 17486 | 1.0 | 649 | 175000 | | | | | | | | | | | | | | | | | |
| | 1.6 | 15062 | 1.2 | 559 | 175000 | | | | | | | | | | | | | | | | | |
| | 1.9 | 12744 | 1.4 | 473 | 175000 | | | | | | | | | | | | | | | | | |
| | 2.4 | 10158 | 1.6 | 377 | 175000 | | | | | | | | | | | | | | | | | |
| | 2.5 | 9619 | 1.7 | 357 | 175000 | | | | | | | | | | | | | | | | | |
| | 2.8 | 8595 | 1.8 | 319 | 171000 | | | | | | | | | | | | | | | | | |
| | 3.3 | 7356 | 2.2 | 273 | 163000 | | | | | | | | | | | | | | | | | |
| | 3.9 | 6224 | 2.6 | 231 | 155000 | | | | | | | | | | | | | | | | | |
| | 4.6 | 5254 | 2.6 | 195 | 147000 | | | | | | | | | | | | | | | | | |
| | 1.9 | 12662 | 1.4 | 731 | 175000 | | | | | | | | | 100L4C / 100L4D | 630 | - | 601 | - | 557 | - | 354-355 | |
| | 2.2 | 11241 | 1.6 | 649 | 175000 | | | | | | | | | | | | | | | | | |
| | 2.5 | 9682 | 1.8 | 559 | 175000 | | | | | | | | | | | | | | | | | |
| | 3.0 | 8193 | 2.2 | 473 | 170000 | | | | | | | | | | | | | | | | | |
| 3.7 | 6530 | 2.4 | 377 | 159000 | | | | | | | | | | | | | | | | | | |
| 3.9 | 6184 | 2.6 | 357 | 156000 | | | | | | | | | | | | | | | | | | |
| 4.4 | 5525 | 2.9 | 319 | 151000 | | | | | | | | | | | | | | | | | | |
| 3.8 | 6331 | 2.7 | 731 | 157000 | 100L2C / 100L2D | 630 | - | 601 | - | 557 | - | 354-355 | | | | | | | | | | |
| 4.3 | 5621 | 2.6 | 649 | 152000 | | | | | | | | | | | | | | | | | | |
| 623/16 | 1.2 | 19696 | 0.9 | 731 | 175000 | 132S6A | 622 | 611 | 593 | 582 | 549 | 538 | 350-351 | | | | | | | | | |
| | 1.4 | 17486 | 1.0 | 649 | 175000 | | | | | | | | | | | | | | | | | |
| | 1.6 | 15062 | 1.2 | 559 | 175000 | | | | | | | | | | | | | | | | | |
| | 1.9 | 12744 | 1.4 | 473 | 175000 | | | | | | | | | | | | | | | | | |
| | 2.4 | 10158 | 1.6 | 377 | 175000 | | | | | | | | | | | | | | | | | |
| | 2.5 | 9619 | 1.7 | 357 | 175000 | | | | | | | | | | | | | | | | | |
| | 2.8 | 8595 | 1.8 | 319 | 171000 | | | | | | | | | | | | | | | | | |
| | 3.3 | 7356 | 2.2 | 273 | 163000 | | | | | | | | | | | | | | | | | |
| | 3.9 | 6224 | 2.6 | 231 | 155000 | | | | | | | | | | | | | | | | | |
| | 4.6 | 5254 | 2.6 | 195 | 147000 | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|-----------------|-----------------|--------|-----|-----|-----|-----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | |
| 3.00 | 623/16 | 1.9 | 12662 | 1.4 | 731 | 175000 | 100L4C / 100L4D | 590 | 576 | 561 | 547 | 517 | 503 | 350-351 | |
| | | 2.2 | 11241 | 1.6 | 649 | 175000 | | | | | | | | | |
| | | 2.5 | 9682 | 1.8 | 559 | 175000 | | | | | | | | | |
| | | 3.0 | 8193 | 2.2 | 473 | 170000 | | | | | | | | | |
| | | 3.7 | 6530 | 2.4 | 377 | 159000 | | | | | | | | | |
| | | 3.9 | 6184 | 2.6 | 357 | 156000 | | | | | | | | | |
| | | 4.4 | 5525 | 2.9 | 319 | 151000 | | | | | | | | | |
| | | 3.8 | 6331 | 2.7 | 731 | 157000 | | | | | | | | | |
| | 622/17 | 622/17 | 1.6 | 15062 | 0.9 | 559 | 142000 | 132S6A | 552 | - | 539 | - | 509 | - | 346-347 |
| | | | 1.9 | 12744 | 1.1 | 473 | 142000 | | | | | | | | |
| | | | 2.4 | 10158 | 1.2 | 377 | 142000 | | | | | | | | |
| | | | 2.5 | 9619 | 1.3 | 357 | 142000 | | | | | | | | |
| | | | 2.8 | 8595 | 1.5 | 319 | 137000 | | | | | | | | |
| | | | 3.3 | 7356 | 1.7 | 273 | 130000 | | | | | | | | |
| | | | 3.9 | 6224 | 2.0 | 231 | 125000 | | | | | | | | |
| | | | 4.6 | 5254 | 2.1 | 195 | 119000 | | | | | | | | |
| | | 5.5 | 4446 | 2.5 | 165 | 113000 | | | | | | | | | |
| | | 7.4 | 3260 | 2.9 | 121 | 102000 | | | | | | | | | |
| | 622/13 | 622/13 | 1.9 | 12662 | 1.1 | 731 | 142000 | 100L4C / 100L4D | 520 | - | 507 | - | 477 | - | 346-347 |
| | | | 2.2 | 11241 | 1.2 | 649 | 142000 | | | | | | | | |
| | | | 2.5 | 9682 | 1.4 | 559 | 142000 | | | | | | | | |
| | | | 3.0 | 8193 | 1.7 | 473 | 136000 | | | | | | | | |
| | | | 3.7 | 6530 | 1.9 | 377 | 127000 | | | | | | | | |
| | | | 3.9 | 6184 | 2.0 | 357 | 125000 | | | | | | | | |
| | | | 4.4 | 5525 | 2.3 | 319 | 122000 | | | | | | | | |
| | | | 5.1 | 4729 | 2.6 | 273 | 116000 | | | | | | | | |
| | | 5.1 | 4729 | 2.6 | 273 | 116000 | | | | | | | | | |
| | | 621/16 | 621/16 | 1.6 | 15062 | 0.9 | 559 | 142000 | 132S6A | 499 | 493 | 486 | 480 | 456 | 450 |
| 1.9 | 12744 | | | 1.1 | 473 | 142000 | | | | | | | | | |
| 2.4 | 10158 | | | 1.2 | 377 | 142000 | | | | | | | | | |
| 2.5 | 9619 | | | 1.3 | 357 | 142000 | | | | | | | | | |
| 2.8 | 8595 | | | 1.5 | 319 | 137000 | | | | | | | | | |
| 3.3 | 7356 | | | 1.7 | 273 | 130000 | | | | | | | | | |
| 3.9 | 6224 | | | 2.0 | 231 | 125000 | | | | | | | | | |
| 4.6 | 5254 | | | 2.0 | 195 | 119000 | | | | | | | | | |
| 5.5 | 4446 | | 2.2 | 165 | 113000 | | | | | | | | | | |
| 7.4 | 3260 | | 2.2 | 121 | 102000 | | | | | | | | | | |
| 621/16 | 621/16 | 1.9 | 12662 | 1.1 | 731 | 142000 | 100L4C / 100L4D | 466 | 458 | 453 | 445 | 423 | 415 | 342-343 | |
| | | 2.2 | 11241 | 1.2 | 649 | 142000 | | | | | | | | | |
| | | 2.5 | 9682 | 1.4 | 559 | 142000 | | | | | | | | | |
| | | 3.0 | 8193 | 1.7 | 473 | 136000 | | | | | | | | | |
| | | 3.7 | 6530 | 1.9 | 377 | 127000 | | | | | | | | | |
| | | 3.9 | 6184 | 2.0 | 357 | 125000 | | | | | | | | | |
| | | 4.4 | 5525 | 2.3 | 319 | 122000 | | | | | | | | | |
| | | 5.1 | 4729 | 2.6 | 273 | 116000 | | | | | | | | | |
| | 7.2 | 3378 | 2.9 | 195 | 105000 | | | | | | | | | | |
| | 621/16 | 621/16 | 3.8 | 6331 | 2.2 | 731 | 126000 | 100L2C / 100L2D | 466 | 458 | 453 | 445 | 423 | 415 | 342-343 |
| 4.3 | | | 5621 | 2.2 | 649 | 122000 | | | | | | | | | |
| 5.0 | | | 4841 | 2.6 | 559 | 117000 | | | | | | | | | |
| 7.4 | | | 3265 | 2.9 | 377 | 104000 | | | | | | | | | |
| 7.8 | | | 3092 | 2.2 | 357 | 102000 | | | | | | | | | |
| 10.3 | | | 2364 | 2.9 | 273 | 94000 | | | | | | | | | |
| 14.4 | | | 1689 | 2.9 | 195 | 85000 | | | | | | | | | |
| 621/16 | | | 621/16 | 1.9 | 12744 | 0.9 | 473 | | | | | | | | |
| | | 2.4 | | 10158 | 0.9 | 377 | 84400 | | | | | | | | |
| | | 2.5 | | 9619 | 1.0 | 357 | 84400 | | | | | | | | |
| | 2.8 | 8595 | | 1.1 | 319 | 84400 | | | | | | | | | |
| | 3.3 | 7356 | | 1.3 | 273 | 84400 | | | | | | | | | |
| | 3.9 | 6224 | | 1.5 | 231 | 84400 | | | | | | | | | |
| | 4.6 | 5254 | | 1.6 | 195 | 84400 | | | | | | | | | |
| | 5.5 | 4446 | | 1.9 | 165 | 84400 | | | | | | | | | |
| | 7.4 | 3260 | 2.2 | 121 | 84400 | | | | | | | | | | |
| | 621/16 | 621/16 | 1.9 | 12662 | 0.9 | 731 | 84400 | 100L4C / 100L4D | 415 | 403 | 393 | 381 | 374 | 362 | 338-339 |
| 2.2 | | | 11241 | 1.0 | 649 | 84400 | | | | | | | | | |
| 2.5 | | | 9682 | 1.1 | 559 | 84400 | | | | | | | | | |
| 3.0 | | | 8193 | 1.4 | 473 | 84400 | | | | | | | | | |
| 3.7 | | | 6530 | 1.4 | 377 | 84400 | | | | | | | | | |
| 3.9 | | | 6184 | 1.5 | 357 | 84400 | | | | | | | | | |
| 4.4 | | | 5525 | 1.7 | 319 | 84400 | | | | | | | | | |
| 5.1 | | | 4729 | 2.0 | 273 | 84400 | | | | | | | | | |
| 6.1 | | 4001 | 2.4 | 231 | 84400 | | | | | | | | | | |
| 7.2 | | 3378 | 2.5 | 195 | 84400 | | | | | | | | | | |
| 8.5 | 2858 | 2.9 | 165 | 84400 | | | | | | | | | | | |




| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|-----------------|-----------------|-----|-----|-----|-----|---|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | |
| 3.00 | 621/16 | 3.8 | 6331 | 1.8 | 731 | 67800 | 100L2C / 100L2D | 415 | 403 | 393 | 381 | 374 | 362 | 338-339 | | |
| | | 4.3 | 5621 | 1.7 | 649 | 67800 | | | | | | | | | | |
| | | 5.0 | 4841 | 2.0 | 559 | 67800 | | | | | | | | | | |
| | | 5.9 | 4096 | 2.3 | 473 | 67800 | | | | | | | | | | |
| | | 7.4 | 3265 | 2.5 | 377 | 67800 | | | | | | | | | | |
| | | 7.8 | 3092 | 2.2 | 357 | 67800 | | | | | | | | | | |
| | | 8.8 | 2763 | 2.8 | 319 | 67800 | | | | | | | | | | |
| | | 10.3 | 2364 | 2.9 | 273 | 67800 | | | | | | | | | | |
| | 14.4 | 1689 | 2.9 | 195 | 63400 | | | | | | | | | | | |
| | 621/13 | 621/13 | 1.9 | 12744 | 0.9 | 473 | 84400 | 132S6A | 424 | 418 | 402 | 396 | 383 | 377 | 334-335 | |
| | | | 2.4 | 10158 | 0.9 | 377 | 84400 | | | | | | | | | |
| | | | 2.5 | 9619 | 1.0 | 357 | 84400 | | | | | | | | | |
| | | | 2.8 | 8595 | 1.1 | 319 | 84400 | | | | | | | | | |
| | | | 3.3 | 7356 | 1.3 | 273 | 84400 | | | | | | | | | |
| | | | 3.9 | 6224 | 1.5 | 231 | 84400 | | | | | | | | | |
| | | | 4.6 | 5254 | 1.6 | 195 | 84400 | | | | | | | | | |
| | | 5.5 | 4446 | 1.9 | 165 | 84400 | | | | | | | | | | |
| | | 7.4 | 3260 | 2.2 | 121 | 84400 | | | | | | | | | | |
| | | 621/13 | 621/13 | 1.9 | 12662 | 0.9 | 731 | 84400 | 100L4C / 100L4D | 391 | 383 | 369 | 361 | 350 | 342 | 334-335 |
| | | | | 2.2 | 11241 | 1.0 | 649 | 84400 | | | | | | | | |
| | | | | 2.5 | 9682 | 1.1 | 559 | 84400 | | | | | | | | |
| | | | | 3.0 | 8193 | 1.4 | 473 | 84400 | | | | | | | | |
| | | | | 3.7 | 6530 | 1.4 | 377 | 84400 | | | | | | | | |
| | 3.9 | | | 6184 | 1.5 | 357 | 84400 | | | | | | | | | |
| | 4.4 | | | 5525 | 1.7 | 319 | 84400 | | | | | | | | | |
| | 5.1 | 4729 | 2.0 | 273 | 84400 | | | | | | | | | | | |
| | 6.1 | 4001 | 2.4 | 231 | 84400 | | | | | | | | | | | |
| | 7.2 | 3378 | 2.5 | 195 | 84400 | | | | | | | | | | | |
| | 8.5 | 2858 | 2.9 | 165 | 84400 | | | | | | | | | | | |
| | 620/13 | 620/13 | 3.8 | 6331 | 1.8 | 731 | 67800 | 100L2C / 100L2D | 391 | 383 | 369 | 361 | 350 | 342 | 334-335 | |
| | | | 4.3 | 5621 | 1.7 | 649 | 67800 | | | | | | | | | |
| | | | 5.0 | 4841 | 2.0 | 559 | 67800 | | | | | | | | | |
| | | | 5.9 | 4096 | 2.3 | 473 | 67800 | | | | | | | | | |
| | | | 7.4 | 3265 | 2.5 | 377 | 67800 | | | | | | | | | |
| | | 620/13 | 620/13 | 7.8 | 3092 | 2.2 | 357 | 67800 | 132S6A | 344 | 337 | 332 | 325 | 317 | 310 | 330-331 |
| | | | | 8.8 | 2763 | 2.8 | 319 | 67800 | | | | | | | | |
| | | | | 10.3 | 2364 | 2.9 | 273 | 67800 | | | | | | | | |
| | | | | 14.4 | 1689 | 2.9 | 195 | 63400 | | | | | | | | |
| | | | | 2.8 | 8595 | 0.8 | 319 | 67800 | | | | | | | | |
| | 3.3 | 7356 | 1.0 | 273 | 67800 | | | | | | | | | | | |
| | 3.9 | 6224 | 1.1 | 231 | 67800 | | | | | | | | | | | |
| | 4.6 | 5254 | 1.3 | 195 | 67800 | | | | | | | | | | | |
| 5.5 | 4446 | 1.5 | 165 | 67800 | | | | | | | | | | | | |
| 7.4 | 3260 | 1.7 | 121 | 67800 | | | | | | | | | | | | |
| 620/13 | 620/13 | 2.5 | 9682 | 0.9 | 559 | 67800 | 100L4C / 100L4D | 311 | 302 | 299 | 290 | 284 | 275 | 330-331 | | |
| | | 3.0 | 8193 | 1.0 | 473 | 67800 | | | | | | | | | | |
| | | 3.7 | 6530 | 1.1 | 377 | 67800 | | | | | | | | | | |
| | | 3.9 | 6184 | 1.1 | 357 | 67800 | | | | | | | | | | |
| | | 4.4 | 5525 | 1.3 | 319 | 67800 | | | | | | | | | | |
| | | 5.1 | 4729 | 1.5 | 273 | 67800 | | | | | | | | | | |
| | | 6.1 | 4001 | 1.8 | 231 | 67800 | | | | | | | | | | |
| | | 7.2 | 3378 | 2.0 | 195 | 67800 | | | | | | | | | | |
| | 8.5 | 2858 | 2.4 | 165 | 67800 | | | | | | | | | | | |
| | 11.6 | 2096 | 2.7 | 121 | 67800 | | | | | | | | | | | |
| | 620/13 | 620/13 | 3.8 | 6331 | 1.3 | 731 | 67800 | 100L2C / 100L2D | 311 | 302 | 299 | 290 | 284 | 275 | 330-331 | |
| 4.3 | | | 5621 | 1.3 | 649 | 67800 | | | | | | | | | | |
| 5.0 | | | 4841 | 1.6 | 559 | 67800 | | | | | | | | | | |
| 5.9 | | | 4096 | 1.8 | 473 | 67800 | | | | | | | | | | |
| 7.4 | | | 3265 | 2.0 | 377 | 67800 | | | | | | | | | | |
| 7.8 | | | 3092 | 2.2 | 357 | 67800 | | | | | | | | | | |
| 8.8 | | | 2763 | 2.2 | 319 | 67800 | | | | | | | | | | |
| 10.3 | 2364 | 2.9 | 273 | 67800 | | | | | | | | | | | | |
| 14.4 | 1689 | 2.9 | 195 | 63400 | | | | | | | | | | | | |
| 620/11 | 620/11 | 2.5 | 9682 | 0.9 | 559 | 67800 | 100L4C / 100L4D | 295 | 300 | 283 | 288 | 268 | 273 | 326-327 | | |
| | | 3.0 | 8193 | 1.0 | 473 | 67800 | | | | | | | | | | |
| | | 3.7 | 6530 | 1.1 | 377 | 67800 | | | | | | | | | | |
| | | 3.9 | 6184 | 1.1 | 357 | 67800 | | | | | | | | | | |
| | | 4.4 | 5525 | 1.3 | 319 | 67800 | | | | | | | | | | |
| | | 5.1 | 4729 | 1.5 | 273 | 67800 | | | | | | | | | | |
| | | 6.1 | 4001 | 1.7 | 231 | 67800 | | | | | | | | | | |
| | | 7.2 | 3378 | 1.6 | 195 | 67800 | | | | | | | | | | |
| | | 8.5 | 2858 | 1.7 | 165 | 67800 | | | | | | | | | | |
| | | 11.6 | 2096 | 1.7 | 121 | 67800 | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | | | | | | | | |
|------------------------|---------------|--|------------------------|----------------|------------------|-------------------------|------------------------|------|-----|-----|-----|-----|-----|---------|-----|-------|------------------------|-----|-----|-----|-----|-----|-----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | | |
| 3.00 | 620/11 | 3.8 | 6331 | 1.3 | 731 | 67800 | 100L2C / 100L2D | 295 | 300 | 283 | 288 | 268 | 273 | 326-327 | | | | | | | | | | |
| | | 4.3 | 5621 | 1.3 | 649 | 67800 | | | | | | | | | | | | | | | | | | |
| | | 5.0 | 4841 | 1.6 | 559 | 67800 | | | | | | | | | | | | | | | | | | |
| | | 5.9 | 4096 | 1.7 | 473 | 67800 | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 3265 | 1.6 | 377 | 67800 | | | | | | | | | | | | | | | | | | |
| | | 7.8 | 3092 | 1.6 | 357 | 67800 | | | | | | | | | | | | | | | | | | |
| | | 8.8 | 2763 | 1.7 | 319 | 67800 | | | | | | | | | | | | | | | | | | |
| | | 10.3 | 2364 | 1.6 | 273 | 67800 | | | | | | | | | | | | | | | | | | |
| | | 12.1 | 2001 | 1.7 | 231 | 66700 | | | | | | | | | | | | | | | | | | |
| | | 14.4 | 1689 | 1.6 | 195 | 63400 | | | | | | | | | | | | | | | | | | |
| 17.0 | 1429 | 1.7 | 165 | 60300 | | | | | | | | | | | | | | | | | | | | |
| 23.1 | 1048 | 1.7 | 121 | 54900 | | | | | | | | | | | | | | | | | | | | |
| | 619/13 | 2.8 | 8595 | 0.8 | 319 | 51000 | 132S6A | 319 | 315 | 304 | 300 | 274 | 270 | 322-323 | | | | | | | | | | |
| | | 3.3 | 7356 | 1.0 | 273 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 3.9 | 6224 | 1.1 | 231 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 4.6 | 5254 | 1.3 | 195 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 5.5 | 4446 | 1.5 | 165 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 6.3 | 3853 | 1.7 | 143 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 3260 | 1.7 | 121 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 8.7 | 2802 | 2.2 | 104 | 51000 | | | | | | | | | | | | | | | | | | |
| | | | 619/13 | 3.0 | 8193 | 0.9 | | | | | | | | | 473 | 51000 | 100L4C / 100L4D | 286 | 280 | 271 | 265 | 241 | 235 | 322-323 |
| | | | | 3.3 | 7361 | 1.0 | | | | | | | | | 425 | 51000 | | | | | | | | |
| 3.7 | 6530 | | | 1.1 | 377 | 51000 | | | | | | | | | | | | | | | | | | |
| 3.9 | 6184 | | | 1.1 | 357 | 51000 | | | | | | | | | | | | | | | | | | |
| 4.4 | 5525 | | | 1.3 | 319 | 51000 | | | | | | | | | | | | | | | | | | |
| 5.1 | 4729 | | | 1.5 | 273 | 51000 | | | | | | | | | | | | | | | | | | |
| 6.1 | 4001 | | | 1.8 | 231 | 51000 | | | | | | | | | | | | | | | | | | |
| 7.2 | 3378 | | | 1.8 | 195 | 51000 | | | | | | | | | | | | | | | | | | |
| 8.5 | 2858 | | | 2.4 | 165 | 51000 | | | | | | | | | | | | | | | | | | |
| 9.8 | 2477 | | | 2.4 | 143 | 51000 | | | | | | | | | | | | | | | | | | |
| 11.6 | 2096 | 2.7 | 121 | 51000 | | | | | | | | | | | | | | | | | | | | |
| 13.5 | 1801 | 2.9 | 104 | 51000 | | | | | | | | | | | | | | | | | | | | |
| | 619/13 | 3.8 | 6331 | 1.1 | 731 | 51000 | 100L2C / 100L2D | 286 | 280 | 271 | 265 | 241 | 235 | 322-323 | | | | | | | | | | |
| | | 4.3 | 5621 | 1.1 | 649 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 4.7 | 5153 | 1.3 | 595 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 5.0 | 4841 | 1.3 | 559 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 5.3 | 4547 | 1.6 | 525 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 5.9 | 4096 | 1.4 | 473 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 6.6 | 3681 | 1.9 | 425 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 3265 | 1.9 | 377 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 7.8 | 3092 | 2.2 | 357 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 8.8 | 2763 | 2.1 | 319 | 51000 | | | | | | | | | | | | | | | | | | |
| 10.3 | 2364 | 2.6 | 273 | 51000 | | | | | | | | | | | | | | | | | | | | |
| 12.1 | 2001 | 2.9 | 231 | 51000 | | | | | | | | | | | | | | | | | | | | |
| 14.4 | 1689 | 2.9 | 195 | 51000 | | | | | | | | | | | | | | | | | | | | |
| | 619/11 | 3.0 | 8193 | 0.9 | 473 | 51000 | 100L4C / 100L4D | 274 | 278 | 259 | 263 | 229 | 233 | 318-319 | | | | | | | | | | |
| | | 3.3 | 7361 | 1.0 | 425 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 3.7 | 6530 | 1.1 | 377 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 3.9 | 6184 | 1.1 | 357 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 4.4 | 5525 | 1.3 | 319 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 5.1 | 4729 | 1.5 | 273 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 6.1 | 4001 | 1.6 | 231 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 7.2 | 3378 | 1.5 | 195 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 8.5 | 2858 | 1.6 | 165 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 9.8 | 2477 | 1.6 | 143 | 51000 | | | | | | | | | | | | | | | | | | |
| 11.6 | 2096 | 1.6 | 121 | 51000 | | | | | | | | | | | | | | | | | | | | |
| 13.5 | 1801 | 1.6 | 104 | 51000 | | | | | | | | | | | | | | | | | | | | |
| | 619/11 | 3.8 | 6331 | 1.1 | 731 | 51000 | 100L2C / 100L2D | 274 | 278 | 259 | 263 | 229 | 233 | 318-319 | | | | | | | | | | |
| | | 4.3 | 5621 | 1.3 | 649 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 4.7 | 5153 | 1.4 | 595 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 5.0 | 4841 | 1.5 | 559 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 5.3 | 4547 | 1.3 | 525 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 5.9 | 4096 | 1.6 | 473 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 6.6 | 3681 | 1.5 | 425 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 3265 | 1.5 | 377 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 7.8 | 3092 | 1.5 | 357 | 51000 | | | | | | | | | | | | | | | | | | |
| | | 8.8 | 2763 | 1.6 | 319 | 51000 | | | | | | | | | | | | | | | | | | |
| 10.3 | 2364 | 1.5 | 273 | 51000 | | | | | | | | | | | | | | | | | | | | |
| 12.1 | 2001 | 1.6 | 231 | 51000 | | | | | | | | | | | | | | | | | | | | |
| 14.4 | 1689 | 1.5 | 195 | 51000 | | | | | | | | | | | | | | | | | | | | |
| 17.0 | 1429 | 1.6 | 165 | 49700 | | | | | | | | | | | | | | | | | | | | |
| 19.6 | 1238 | 1.6 | 143 | 47400 | | | | | | | | | | | | | | | | | | | | |
| 23.1 | 1048 | 1.6 | 121 | 44800 | | | | | | | | | | | | | | | | | | | | |
| 26.9 | 901 | 1.6 | 104 | 42500 | | | | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|-----|-----|-----|-----|---------|---|
| | | | | | | | | HC | HX | VC | VX | FC | FX | |
| 3.00 | 619 | 10.3 | 2548 | 2.9 | 87 | 51000 | 132S6A | 330 | - | 315 | - | 285 | - | 212-213 |
| | | 5.5 | 4446 | 0.9 | 165 | 36600 | 132S6A | 254 | 247 | 241 | 234 | 221 | 214 | 314-315 |
| | | 6.3 | 3853 | 1.0 | 143 | 36600 | | | | | | | | |
| | | 7.4 | 3260 | 1.0 | 121 | 36600 | | | | | | | | |
| | 8.7 | 2802 | 1.4 | 104 | 36600 | | | | | | | | | |
| | 618/13 | 100L4C / 100L4D | 5.1 | 4729 | 0.8 | 273 | 36600 | 221 | 212 | 208 | 199 | 188 | 179 | 314-315 |
| | | | 6.1 | 4001 | 1.0 | 231 | 36600 | | | | | | | |
| | | | 7.2 | 3378 | 1.2 | 195 | 36600 | | | | | | | |
| | | | 8.5 | 2858 | 1.4 | 165 | 36600 | | | | | | | |
| | | | 9.8 | 2477 | 1.6 | 143 | 36600 | | | | | | | |
| | | | 11.6 | 2096 | 1.6 | 121 | 36600 | | | | | | | |
| | | 13.5 | 1801 | 2.2 | 104 | 36600 | | | | | | | | |
| | | 100L2C / 100L2D | 5.0 | 4841 | 0.8 | 559 | 36600 | 221 | 212 | 208 | 199 | 188 | 179 | 314-315 |
| | | | 5.3 | 4547 | 0.9 | 525 | 36600 | | | | | | | |
| | | | 5.9 | 4096 | 1.0 | 473 | 36600 | | | | | | | |
| | 6.6 | | 3681 | 1.1 | 425 | 36600 | | | | | | | | |
| | 7.4 | | 3265 | 1.2 | 377 | 36600 | | | | | | | | |
| | 7.8 | | 3092 | 1.3 | 357 | 36600 | | | | | | | | |
| | 8.8 | | 2763 | 1.4 | 319 | 36600 | | | | | | | | |
| | 10.3 | | 2364 | 1.7 | 273 | 36600 | | | | | | | | |
| | 12.1 | | 2001 | 2.0 | 231 | 36600 | | | | | | | | |
| | 14.4 | | 1689 | 2.3 | 195 | 36600 | | | | | | | | |
| | 17.0 | 1429 | 2.6 | 165 | 35500 | | | | | | | | | |
| | 618/10 | 100L4C / 100L4D | 5.1 | 4729 | 0.8 | 273 | 36600 | 198 | 205 | 185 | 192 | 165 | 172 | 310-311 |
| 6.1 | | | 4001 | 0.9 | 231 | 36600 | | | | | | | | |
| 7.2 | | | 3378 | 0.9 | 195 | 36600 | | | | | | | | |
| 8.5 | | | 2858 | 0.9 | 165 | 36600 | | | | | | | | |
| 9.8 | | | 2477 | 0.9 | 143 | 36600 | | | | | | | | |
| 11.6 | | | 2096 | 0.9 | 121 | 36600 | | | | | | | | |
| 13.5 | | | 1801 | 0.9 | 104 | 36600 | | | | | | | | |
| 100L2C / 100L2D | | 5.0 | 4841 | 0.9 | 559 | 36600 | 198 | 205 | 185 | 192 | 165 | 172 | 310-311 | |
| | | 5.3 | 4547 | 0.9 | 525 | 36600 | | | | | | | | |
| | | 5.9 | 4096 | 0.9 | 473 | 36600 | | | | | | | | |
| | | 7.4 | 3265 | 0.9 | 377 | 36600 | | | | | | | | |
| | | 8.8 | 2763 | 0.9 | 319 | 36600 | | | | | | | | |
| | | 10.3 | 2364 | 0.9 | 273 | 36600 | | | | | | | | |
| | | 12.1 | 2001 | 0.9 | 231 | 36600 | | | | | | | | |
| 14.4 | 1689 | 0.9 | 195 | 36600 | | | | | | | | | | |
| 17.0 | 1429 | 0.9 | 165 | 35500 | | | | | | | | | | |
| 618 | 132S6A | 10.3 | 2548 | 1.7 | 87 | 36600 | 240 | - | 227 | - | 207 | - | 208-209 | |
| | | 12.7 | 2079 | 2.1 | 71 | 36600 | | | | | | | | |
| | | 15.3 | 1728 | 2.3 | 59 | 36400 | | | | | | | | |
| | | 17.6 | 1494 | 2.8 | 51 | 34600 | | | | | | | | |
| | 100L4C / 100L4D | 16.1 | 1638 | 2.4 | 87 | 36200 | 209 | - | 196 | - | 176 | - | 208-209 | |
| 19.7 | | 1337 | 2.8 | 71 | 33700 | | | | | | | | | |
| 617/11 | 100L4C / 100L4D | 7.2 | 3378 | 0.8 | 195 | 27000 | 164 | 158 | 164 | 158 | 135 | 129 | 306-307 | |
| | | 8.5 | 2858 | 0.9 | 165 | 27000 | | | | | | | | |
| | | 9.8 | 2477 | 1.1 | 143 | 27000 | | | | | | | | |
| | | 11.6 | 2096 | 1.2 | 121 | 27000 | | | | | | | | |
| | | 13.5 | 1801 | 1.5 | 104 | 27000 | | | | | | | | |
| | 100L2C / 100L2D | 7.4 | 3265 | 0.8 | 377 | 27000 | 164 | 158 | 164 | 158 | 135 | 129 | 306-307 | |
| | | 7.8 | 3092 | 0.9 | 357 | 27000 | | | | | | | | |
| | | 8.8 | 2763 | 1.0 | 319 | 27000 | | | | | | | | |
| | | 10.3 | 2364 | 1.1 | 273 | 27000 | | | | | | | | |
| | | 12.1 | 2001 | 1.3 | 231 | 27000 | | | | | | | | |
| 14.4 | 1689 | 1.4 | 195 | 27000 | | | | | | | | | | |
| 17.0 | 1429 | 1.5 | 165 | 26500 | | | | | | | | | | |
| 19.6 | 1238 | 1.6 | 143 | 25200 | | | | | | | | | | |
| 23.1 | 1048 | 1.6 | 121 | 23800 | | | | | | | | | | |
| 26.9 | 901 | 1.6 | 104 | 22600 | | | | | | | | | | |
| 617/10 | 100L4C / 100L4D | 7.2 | 3378 | 0.8 | 195 | 27000 | 154 | 151 | 154 | 151 | 125 | 122 | 302-303 | |
| | | 8.5 | 2858 | 0.9 | 165 | 27000 | | | | | | | | |
| | | 9.8 | 2477 | 0.9 | 143 | 27000 | | | | | | | | |
| | | 11.6 | 2096 | 0.9 | 121 | 27000 | | | | | | | | |
| | | 13.5 | 1801 | 0.9 | 104 | 27000 | | | | | | | | |
| | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | | | | | | |
|------------------------|---------------|--|------------------------|----------------|------------------|-------------------------|------------------------|------|-----|-----|-----|-----|---------|------------------------|------------------------|-----|-----|-----|-----|-----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 3.00 | 617/10 | 7.4 | 3265 | 0.9 | 377 | 27000 | 100L2C / 100L2D | 154 | 151 | 154 | 151 | 125 | 122 | 302-303 | | | | | | | | |
| | | 8.8 | 2763 | 0.9 | 319 | 27000 | | | | | | | | | | | | | | | | |
| | | 10.3 | 2364 | 0.9 | 273 | 27000 | | | | | | | | | | | | | | | | |
| | | 12.1 | 2001 | 0.9 | 231 | 27000 | | | | | | | | | | | | | | | | |
| | | 14.4 | 1689 | 0.9 | 195 | 27000 | | | | | | | | | | | | | | | | |
| | | 17.0 | 1429 | 0.9 | 165 | 26500 | | | | | | | | | | | | | | | | |
| | | 19.6 | 1238 | 0.9 | 143 | 25200 | | | | | | | | | | | | | | | | |
| | | 23.1 | 1048 | 0.9 | 121 | 23800 | | | | | | | | | | | | | | | | |
| | 26.9 | 901 | 0.9 | 104 | 22600 | | | | | | | | | | | | | | | | | |
| | 617 | 10.3 | 2548 | 1.2 | 87 | 27000 | 132S6A | 202 | - | 202 | - | 173 | - | 204-205 | | | | | | | | |
| | | 12.7 | 2079 | 1.4 | 71 | 27000 | | | | | | | | | | | | | | | | |
| | | 15.3 | 1728 | 1.7 | 59 | 27000 | | | | | | | | | | | | | | | | |
| | | 17.6 | 1494 | 2.0 | 51 | 25800 | | | | | | | | | | | | | | | | |
| | | 20.9 | 1259 | 2.3 | 43 | 24300 | | | | | | | | | | | | | | | | |
| | | 25.7 | 1025 | 2.9 | 35 | 22700 | | | | | | | | | | | | | | | | |
| | 616/11 | 16.1 | 1638 | 1.6 | 87 | 26900 | 100L4C / 100L4D | 170 | - | 170 | - | 141 | - | 204-205 | | | | | | | | |
| | | 19.7 | 1337 | 2.0 | 71 | 25100 | | | | | | | | | | | | | | | | |
| | | 23.7 | 1111 | 2.3 | 59 | 23600 | | | | | | | | | | | | | | | | |
| | | 27.5 | 960 | 2.7 | 51 | 22500 | | | | | | | | | | | | | | | | |
| | | 13.5 | 1801 | 0.8 | 104 | 19200 | | | | | | | | | 100L4C / 100L4D | 129 | 123 | 124 | - | 111 | - | 294-295 |
| | 616/10 | 12.1 | 2001 | 0.9 | 231 | 19200 | 100L2C / 100L2D | 129 | 123 | 124 | - | 111 | - | 294-295 | | | | | | | | |
| | | 14.4 | 1689 | 1.1 | 195 | 19200 | | | | | | | | | | | | | | | | |
| | | 17.0 | 1429 | 1.2 | 165 | 19200 | | | | | | | | | | | | | | | | |
| | | 19.6 | 1238 | 1.4 | 143 | 19200 | | | | | | | | | | | | | | | | |
| | | 23.1 | 1048 | 1.7 | 121 | 19200 | | | | | | | | | | | | | | | | |
| | | 26.9 | 901 | 1.6 | 104 | 19000 | | | | | | | | | | | | | | | | |
| | 616/10 | 13.5 | 1801 | 0.8 | 104 | 19200 | 100L4C / 100L4D | 120 | 115 | 115 | - | 102 | - | 290-291 | | | | | | | | |
| | | 12.1 | 2001 | 0.8 | 231 | 19200 | | | | | | | | | 100L2C / 100L2D | 120 | 115 | 115 | - | 102 | - | 290-291 |
| | | 14.4 | 1689 | 0.8 | 195 | 19200 | | | | | | | | | | | | | | | | |
| | | 17.0 | 1429 | 0.9 | 165 | 19200 | | | | | | | | | | | | | | | | |
| 19.6 | | 1238 | 0.8 | 143 | 19200 | | | | | | | | | | | | | | | | | |
| 23.1 | | 1048 | 0.8 | 121 | 19200 | | | | | | | | | | | | | | | | | |
| 26.9 | 901 | 0.8 | 104 | 19000 | | | | | | | | | | | | | | | | | | |
| 616 | 12.7 | 2079 | 0.9 | 71 | 19200 | 132S6A | 157 | 147 | 152 | - | 139 | - | 200-201 | | | | | | | | | |
| | 15.3 | 1728 | 1.1 | 59 | 19200 | | | | | | | | | | | | | | | | | |
| | 17.6 | 1494 | 1.3 | 51 | 19200 | | | | | | | | | | | | | | | | | |
| | 20.9 | 1259 | 1.6 | 43 | 19200 | | | | | | | | | | | | | | | | | |
| | 25.7 | 1025 | 1.9 | 35 | 19100 | | | | | | | | | | | | | | | | | |
| | 31.0 | 849 | 2.3 | 29 | 17900 | | | | | | | | | | | | | | | | | |
| | 36.0 | 732 | 2.7 | 25 | 17200 | | | | | | | | | | | | | | | | | |
| | 16.1 | 1638 | 1.1 | 87 | 19200 | | | | | | | | | 100L4C / 100L4D | 125 | 112 | 120 | - | 107 | - | 200-201 | |
| | 19.7 | 1337 | 1.4 | 71 | 19200 | | | | | | | | | | | | | | | | | |
| | 23.7 | 1111 | 1.6 | 59 | 19200 | | | | | | | | | | | | | | | | | |
| | 27.5 | 960 | 1.9 | 51 | 18900 | | | | | | | | | | | | | | | | | |
| | 616 | 32.6 | 810 | 2.2 | 43 | 17900 | 100L2C / 100L2D | 125 | 112 | 120 | - | 107 | - | 200-201 | | | | | | | | |
| 40.0 | | 659 | 2.9 | 35 | 16800 | | | | | | | | | | | | | | | | | |
| 32.2 | | 819 | 1.1 | 87 | 17900 | 100L2C / 100L2D | | | | | | | | | 125 | 112 | 120 | - | 107 | - | 200-201 | |
| 39.4 | | 668 | 1.4 | 71 | 16800 | | | | | | | | | | | | | | | | | |
| 47.5 | | 555 | 1.7 | 59 | 15800 | | | | | | | | | | | | | | | | | |
| 54.9 | | 480 | 1.9 | 51 | 15100 | | | | | | | | | | | | | | | | | |
| 65.1 | | 405 | 2.3 | 43 | 14200 | | | | | | | | | | | | | | | | | |
| 80.0 | | 329 | 2.9 | 35 | 13300 | | | | | | | | | | | | | | | | | |
| 615 | 20.9 | 1259 | 0.9 | 43 | 15400 | | 132S6A | 115 | 108 | 112 | 98 | 106 | 92 | 196-197 | | | | | | | | |
| | 25.7 | 1025 | 1.1 | 35 | 15400 | | | | | | | | | | | | | | | | | |
| | 31.0 | 849 | 1.3 | 29 | 15400 | | | | | | | | | | | | | | | | | |
| | 36.0 | 732 | 1.5 | 25 | 15400 | | | | | | | | | | | | | | | | | |
| | 42.9 | 615 | 1.8 | 21 | 14700 | | | | | | | | | | | | | | | | | |
| | 52.9 | 498 | 2.2 | 17 | 13800 | | | | | | | | | | | | | | | | | |
| | 60.0 | 439 | 2.5 | 15 | 13300 | | | | | | | | | | | | | | | | | |
| | 69.2 | 381 | 2.5 | 13 | 12700 | | | | | | | | | | | | | | | | | |
| | 615 | 23.7 | 1111 | 1.0 | 59 | 15400 | 100L4C / 100L4D | 82 | 73 | 79 | 68 | 73 | 62 | 196-197 | | | | | | | | |
| | | 27.5 | 960 | 1.1 | 51 | 15400 | | | | | | | | | | | | | | | | |
| | | 32.6 | 810 | 1.3 | 43 | 15400 | | | | | | | | | | | | | | | | |
| | | 40.0 | 659 | 1.6 | 35 | 15200 | | | | | | | | | | | | | | | | |
| | | 48.3 | 546 | 1.9 | 29 | 14300 | | | | | | | | | | | | | | | | |
| | | 56.0 | 471 | 2.3 | 25 | 13700 | | | | | | | | | | | | | | | | |
| 66.7 | 395 | 2.4 | 21 | 13000 | | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | |
|------------------------|---|--|------------------------|----------------|------------------------|-------------------------|--|------|-----|-----|-----|---------|---------|---|------------------------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | |
| 3.00 | 615 | 47.5 | 555 | 1.0 | 59 | 14400 | 100L2C / 100L2D | 82 | 73 | 79 | 68 | 73 | 62 | 196-197 | |
| | | 54.9 | 480 | 1.1 | 51 | 13800 | | | | | | | | | |
| | | 65.1 | 405 | 1.3 | 43 | 13100 | | | | | | | | | |
| | | 80.0 | 329 | 1.6 | 35 | 12400 | | | | | | | | | |
| | | 96.6 | 273 | 1.9 | 29 | 11700 | | | | | | | | | |
| | | 112.0 | 235 | 2.3 | 25 | 11100 | | | | | | | | | |
| | | 133.3 | 198 | 2.4 | 21 | 10600 | | | | | | | | | |
| | 614/10 | 23.1 | 1048 | 0.8 | 121 | 14400 | 100L2C / 100L2D | 78 | 74 | 78 | - | 71 | - | 282-283 | |
| | | 26.9 | 901 | 0.8 | 104 | 14400 | | | | | | | | | |
| | 614 | 25.7 | 1025 | 1.1 | 35 | 14400 | 132S6A | 113 | 108 | 112 | 107 | 106 | 101 | 192-193 | |
| | | | 31.0 | 849 | 1.2 | 29 | | | | | | | | | 13900 |
| | | | 36.0 | 732 | 1.5 | 25 | | | | | | | | | 13300 |
| | | | 42.9 | 615 | 1.7 | 21 | | | | | | | | | 12600 |
| | | | 52.9 | 498 | 2.2 | 17 | | | | | | | | | 11900 |
| | | | 60.0 | 439 | 2.3 | 15 | | | | | | | | | 11400 |
| | | | 69.2 | 381 | 2.4 | 13 | | | | | | | | | 10900 |
| | | 81.8 | 322 | 2.5 | 11 | 10400 | | | | | | | | | |
| | | 23.7 | 1111 | 1.0 | 59 | 14400 | 100L4C / 100L4D | 80 | 73 | 79 | 72 | 73 | 66 | 192-193 | |
| | | | 27.5 | 960 | 1.0 | 51 | | | | | | | | | 14400 |
| | | | 32.6 | 810 | 1.0 | 43 | | | | | | | | | 13800 |
| | | | 40.0 | 659 | 1.6 | 35 | | | | | | | | | 13000 |
| 48.3 | | | 546 | 1.6 | 29 | 12300 | | | | | | | | | |
| 56.0 | | | 471 | 2.0 | 25 | 11800 | | | | | | | | | |
| 66.7 | 395 | | 2.3 | 21 | 11200 | | | | | | | | | | |
| 47.5 | 555 | 1.0 | 59 | 12400 | 100L2C / 100L2D | 80 | 73 | 79 | - | 73 | - | 192-193 | | | |
| | 54.9 | 480 | 1.0 | 51 | | | | | | | | | 11900 | | |
| | 65.1 | 405 | 1.0 | 43 | | | | | | | | | 11200 | | |
| | 80.0 | 329 | 1.6 | 35 | | | | | | | | | 10600 | | |
| | 96.6 | 273 | 1.6 | 29 | | | | | | | | | 10000 | | |
| | 112.0 | 235 | 2.0 | 25 | | | | | | | | | 9520 | | |
| | 133.3 | 198 | 2.3 | 21 | | | | | | | | | 9030 | | |
| 613/10 | 26.9 | 901 | 0.8 | 104 | 11900 | 100L2C / 100L2D | 78 | 74 | 78 | 73 | 71 | 67 | 270-271 | | |
| 613 | 25.7 | 1025 | 0.8 | 35 | 11900 | 132S6A | 112 | 107 | 111 | 106 | 105 | 100 | 188-189 | | |
| | | 31.0 | 849 | 1.0 | 29 | | | | | | | | | 11200 | |
| | | 36.0 | 732 | 1.1 | 25 | | | | | | | | | 10600 | |
| | | 42.9 | 615 | 1.3 | 21 | | | | | | | | | 10000 | |
| | | 52.9 | 498 | 1.7 | 17 | | | | | | | | | 9320 | |
| | | 60.0 | 439 | 1.9 | 15 | | | | | | | | | 8940 | |
| | | 69.2 | 381 | 2.2 | 13 | | | | | | | | | 8530 | |
| | | 81.8 | 322 | 2.4 | 11 | | | | | | | | | 8060 | |
| | | 112.5 | 234 | 2.5 | 8 | | | | | | | | | 7260 | |
| | | 150.0 | 176 | 2.5 | 6 | | | | | | | | | 6590 | |
| | | 27.5 | 960 | 0.8 | 51 | | | | | | | | | 11800 | 100L4C / 100L4D |
| | 32.6 | | 810 | 1.0 | 43 | 11100 | | | | | | | | | |
| | 40.0 | | 659 | 1.2 | 35 | 10400 | | | | | | | | | |
| | 48.3 | | 546 | 1.5 | 29 | 9740 | | | | | | | | | |
| | 56.0 | | 471 | 1.7 | 25 | 9270 | | | | | | | | | |
| | 66.7 | | 395 | 2.0 | 21 | 8740 | | | | | | | | | |
| | 82.4 | | 320 | 2.3 | 17 | 8150 | | | | | | | | | |
| | 93.3 | 282 | 2.5 | 15 | 7810 | | | | | | | | | | |
| 54.9 | 480 | 0.8 | 51 | 9320 | 100L2C / 100L2D | 79 | 72 | 78 | 71 | 72 | 65 | 188-189 | | | |
| | 65.1 | 405 | 1.0 | 43 | | | | | | | | | 8800 | | |
| | 80.0 | 329 | 1.2 | 35 | | | | | | | | | 8230 | | |
| | 96.6 | 273 | 1.5 | 29 | | | | | | | | | 7730 | | |
| | 112.0 | 235 | 1.7 | 25 | | | | | | | | | 7350 | | |
| | 133.3 | 198 | 2.0 | 21 | | | | | | | | | 6930 | | |
| | 164.7 | 160 | 2.3 | 17 | | | | | | | | | 6460 | | |
| | 186.7 | 141 | 2.5 | 15 | | | | | | | | | 6200 | | |
| | 612 | 42.9 | 615 | 0.9 | | | | | | | | | 21 | 8660 | 132S6A |
| 52.9 | | 498 | 1.1 | 17 | 8070 | | | | | | | | | | |
| 60.0 | | 439 | 1.3 | 15 | 7750 | | | | | | | | | | |
| 69.2 | | 381 | 1.3 | 13 | 7380 | | | | | | | | | | |
| 81.8 | | 322 | 1.3 | 11 | 6980 | | | | | | | | | | |
| 112.5 | | 234 | 1.7 | 8 | 6280 | | | | | | | | | | |
| 150.0 | | 176 | 1.7 | 6 | 5710 | | | | | | | | | | |
| | | | | | | | | | | | | | | | |










| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------------------------|------------------------|------|------|------|------|---|------------------------|----|----|----|----|---------|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | |
| 3.00 | 612 | 40.0 | 659 | 0.8 | 35 | 8970 | 100L4C / 100L4D | 59 | 54 | 57 | 52 | 54 | 49 | 184-185 | | | | | | | | | |
| | | 48.3 | 546 | 0.9 | 29 | 8420 | | | | | | | | | | | | | | | | | |
| | | 56.0 | 471 | 1.1 | 25 | 8020 | | | | | | | | | | | | | | | | | |
| | | 66.7 | 395 | 1.3 | 21 | 7570 | | | | | | | | | | | | | | | | | |
| | | 82.4 | 320 | 1.7 | 17 | 7050 | | | | | | | | | | | | | | | | | |
| | | 93.3 | 282 | 1.7 | 15 | 6770 | | | | | | | | | | | | | | | | | |
| | | 107.7 | 245 | 1.7 | 13 | 6450 | | | | | | | | | | | | | | | | | |
| | | 127.3 | 207 | 1.7 | 11 | 6100 | | | | | | | | | | | | | | | | | |
| | | 175.0 | 151 | 2.3 | 8 | 5480 | | | | | | | | | | | | | | | | | |
| | | 233.3 | 113 | 2.3 | 6 | 4980 | | | | | | | | | | | | | | | | | |
| | | 80.0 | 329 | 0.8 | 35 | 7120 | | | | | | | | | 100L2C / 100L2D | 59 | 54 | 57 | 52 | 54 | 49 | 184-185 | |
| | | 96.6 | 273 | 0.9 | 29 | 6690 | | | | | | | | | | | | | | | | | |
| | 112.0 | 235 | 1.1 | 25 | 6360 | | | | | | | | | | | | | | | | | | |
| | 133.3 | 198 | 1.3 | 21 | 6000 | | | | | | | | | | | | | | | | | | |
| | 164.7 | 160 | 1.7 | 17 | 5600 | | | | | | | | | | | | | | | | | | |
| | 186.7 | 141 | 1.7 | 15 | 5370 | | | | | | | | | | | | | | | | | | |
| | 215.4 | 122 | 1.7 | 13 | 5120 | | | | | | | | | | | | | | | | | | |
| | 254.5 | 104 | 1.7 | 11 | 4840 | | | | | | | | | | | | | | | | | | |
| | 350.0 | 75 | 2.3 | 8 | 4350 | | | | | | | | | | | | | | | | | | |
| | 3.00 | 611 | 40.0 | 659 | 0.8 | 35 | 8460 | 100L4C / 100L4D | 58 | 54 | 57 | 53 | 54 | 50 | | | | | | | | | 180-181 |
| | | | 48.3 | 546 | 0.9 | 29 | 8420 | | | | | | | | | | | | | | | | |
| | | | 56.0 | 471 | 1.1 | 25 | 8020 | | | | | | | | | | | | | | | | |
| | | | 66.7 | 395 | 1.3 | 21 | 7570 | | | | | | | | | | | | | | | | |
| | | | 82.4 | 320 | 1.6 | 17 | 7050 | | | | | | | | | | | | | | | | |
| 93.3 | | | 282 | 1.6 | 15 | 6770 | | | | | | | | | | | | | | | | | |
| 107.7 | | | 245 | 1.6 | 13 | 6450 | | | | | | | | | | | | | | | | | |
| 127.3 | | | 207 | 1.7 | 11 | 6100 | | | | | | | | | | | | | | | | | |
| 175.0 | | | 151 | 1.7 | 8 | 5480 | | | | | | | | | | | | | | | | | |
| 233.3 | | | 113 | 1.7 | 6 | 4980 | | | | | | | | | | | | | | | | | |
| 80.0 | | | 329 | 0.8 | 35 | 7630 | 100L2C / 100L2D | | | | | | | | 58 | 54 | 57 | 53 | 54 | 50 | 180-181 | | |
| 96.6 | | | 273 | 0.9 | 29 | 7120 | | | | | | | | | | | | | | | | | |
| 112.0 | | 235 | 1.1 | 25 | 6690 | | | | | | | | | | | | | | | | | | |
| 133.3 | | 198 | 1.3 | 21 | 6360 | | | | | | | | | | | | | | | | | | |
| 164.7 | | 160 | 1.6 | 17 | 6000 | | | | | | | | | | | | | | | | | | |
| 186.7 | | 141 | 1.6 | 15 | 5600 | | | | | | | | | | | | | | | | | | |
| 215.4 | | 122 | 1.6 | 13 | 5360 | | | | | | | | | | | | | | | | | | |
| 254.5 | | 104 | 1.7 | 11 | 5120 | | | | | | | | | | | | | | | | | | |
| 350.0 | | 75 | 1.7 | 8 | 4840 | | | | | | | | | | | | | | | | | | |
| 3.00 | | 610 | 93.3 | 282 | 0.9 | 15 | | 5290 | 100L4C / 100L4D | 45 | 41 | 43 | 39 | 42 | | | | | | | | 38 | 176-177 |
| | | | 107.7 | 245 | 0.9 | 13 | | 5150 | | | | | | | | | | | | | | | |
| | | | 127.3 | 207 | 0.9 | 11 | | 4860 | | | | | | | | | | | | | | | |
| | | | 175.0 | 151 | 0.9 | 8 | 4370 | | | | | | | | | | | | | | | | |
| | | | 233.3 | 113 | 0.9 | 6 | 3980 | | | | | | | | | | | | | | | | |
| | 186.7 | | 141 | 0.9 | 15 | 4280 | 100L2C / 100L2D | 45 | | | | | | | 41 | 43 | 39 | 42 | 38 | 176-177 | | | |
| | 215.4 | 122 | 0.9 | 13 | 4090 | | | | | | | | | | | | | | | | | | |
| | 254.5 | 104 | 0.9 | 11 | 3860 | | | | | | | | | | | | | | | | | | |
| | 350.0 | 75 | 0.9 | 8 | 3470 | | | | | | | | | | | | | | | | | | |
| | 466.7 | 56 | 0.9 | 6 | 3160 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | 4.00 | 627/19 | 1.2 | 26261 | 2.3 | 731 | 192000 | 132M6A | 2573 | - | 2701 | - | 2390 | - | 378-379 | | | | | | | | |
| 1.4 | | | 23315 | 2.6 | 649 | 192000 | | | | | | | | | | | | | | | | | |
| 1.6 | | | 20082 | 3.0 | 559 | 192000 | | | | | | | | | | | | | | | | | |
| 626/19 | | 1.2 | 26261 | 1.5 | 731 | 271000 | 132M6A | 1433 | - | 1368 | - | 1265 | - | 374-375 | | | | | | | | | |
| | | 1.4 | 23315 | 1.7 | 649 | 271000 | | | | | | | | | | | | | | | | | |
| | | 1.6 | 20082 | 2.0 | 559 | 271000 | | | | | | | | | | | | | | | | | |
| | | 1.9 | 16993 | 2.3 | 473 | 271000 | | | | | | | | | | | | | | | | | |
| | | 2.4 | 13544 | 2.6 | 377 | 271000 | | | | | | | | | | | | | | | | | |
| | | 2.5 | 12825 | 2.7 | 357 | 271000 | | | | | | | | | | | | | | | | | |
| 625/19 | | 1.2 | 26261 | 1.1 | 731 | 253000 | 132M6A | 1177 | - | 1085 | - | 1020 | - | 370-371 | | | | | | | | | |
| | | 1.4 | 23315 | 1.3 | 649 | 253000 | | | | | | | | | | | | | | | | | |
| | | 1.6 | 20082 | 1.5 | 559 | 253000 | | | | | | | | | | | | | | | | | |
| | | 1.9 | 16993 | 1.8 | 473 | 253000 | | | | | | | | | | | | | | | | | |
| | | 2.4 | 13544 | 1.9 | 377 | 245000 | | | | | | | | | | | | | | | | | |
| | | 2.5 | 12825 | 2.0 | 357 | 241000 | | | | | | | | | | | | | | | | | |
| | | 2.8 | 11460 | 2.3 | 319 | 233000 | | | | | | | | | | | | | | | | | |
| 3.3 | | 9808 | 2.6 | 273 | 224000 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|-----|-----|-----|-----|---------|---|
| | | | | | | | | HC | HX | VC | VX | FC | FX | |
| 4.00 | 625/17 | 1.2 | 26261 | 1.1 | 731 | 253000 | 132M6A | 1089 | - | 997 | - | 932 | - | 366-367 |
| | | 1.4 | 23315 | 1.3 | 649 | 253000 | | | | | | | | |
| | | 1.6 | 20082 | 1.5 | 559 | 253000 | | | | | | | | |
| | | 1.9 | 16993 | 1.8 | 473 | 253000 | | | | | | | | |
| | | 2.4 | 13544 | 1.9 | 377 | 245000 | | | | | | | | |
| | | 2.5 | 12825 | 2.0 | 357 | 241000 | | | | | | | | |
| | | 2.8 | 11460 | 2.3 | 319 | 233000 | | | | | | | | |
| | | 3.3 | 9808 | 2.6 | 273 | 224000 | | | | | | | | |
| | | 1.9 | 16882 | 1.8 | 731 | 253000 | | | | | | | | |
| | | 2.2 | 14988 | 2.0 | 649 | 253000 | | | | | | | | |
| | 2.5 | 12910 | 2.3 | 559 | 244000 | | | | | | | | | |
| | 3.0 | 10924 | 2.7 | 473 | 232000 | | | | | | | | | |
| | 3.7 | 8707 | 3.0 | 377 | 219000 | | | | | | | | | |
| | 624/18 | 132M6A | 1.2 | 26261 | 0.9 | 731 | 204000 | 766 | - | 720 | - | 699 | - | 362-363 |
| | | | 1.4 | 23315 | 1.0 | 649 | 204000 | | | | | | | |
| | | | 1.6 | 20082 | 1.1 | 559 | 204000 | | | | | | | |
| | | | 1.9 | 16993 | 1.4 | 473 | 204000 | | | | | | | |
| | | | 2.4 | 13544 | 1.5 | 377 | 200000 | | | | | | | |
| | | | 2.5 | 12825 | 1.6 | 357 | 197000 | | | | | | | |
| | | | 2.8 | 11460 | 1.8 | 319 | 190000 | | | | | | | |
| | | | 3.3 | 9808 | 2.1 | 273 | 181000 | | | | | | | |
| | | | 3.9 | 8299 | 2.4 | 231 | 173000 | | | | | | | |
| | | | 4.6 | 7005 | 2.5 | 195 | 164000 | | | | | | | |
| | | 5.5 | 5928 | 3.0 | 165 | 156000 | | | | | | | | |
| | | 112M4C / 112M4D | 1.9 | 16882 | 1.4 | 731 | 204000 | 743 | - | 697 | - | 676 | - | 362-363 |
| | | | 2.2 | 14988 | 1.5 | 649 | 204000 | | | | | | | |
| | | | 2.5 | 12910 | 1.8 | 559 | 199000 | | | | | | | |
| | | | 3.0 | 10924 | 2.1 | 473 | 189000 | | | | | | | |
| | | | 3.7 | 8707 | 2.3 | 377 | 176000 | | | | | | | |
| | | | 3.9 | 8245 | 2.5 | 357 | 175000 | | | | | | | |
| | | | 4.4 | 7367 | 2.7 | 319 | 169000 | | | | | | | |
| | | | 3.8 | 8441 | 2.6 | 731 | 175000 | | | | | | | |
| | | | 4.3 | 7494 | 2.5 | 649 | 170000 | | | | | | | |
| | 624/16 | | 132M6A | 1.2 | 26261 | 0.9 | 731 | | | | | | | |
| | | 1.4 | | 23315 | 1.0 | 649 | 204000 | | | | | | | |
| | | 1.6 | | 20082 | 1.1 | 559 | 204000 | | | | | | | |
| | | 1.9 | | 16993 | 1.4 | 473 | 204000 | | | | | | | |
| | | 2.4 | | 13544 | 1.5 | 377 | 200000 | | | | | | | |
| | | 2.5 | | 12825 | 1.6 | 357 | 197000 | | | | | | | |
| | | 2.8 | | 11460 | 1.8 | 319 | 190000 | | | | | | | |
| | | 3.3 | | 9808 | 2.1 | 273 | 181000 | | | | | | | |
| | | 3.9 | | 8299 | 2.4 | 231 | 173000 | | | | | | | |
| 4.6 | | 7005 | | 2.5 | 195 | 164000 | | | | | | | | |
| 5.5 | | 5928 | 3.0 | 165 | 156000 | | | | | | | | | |
| 112M4C / 112M4D | | 1.9 | 16882 | 1.4 | 731 | 204000 | 703 | 692 | 657 | 646 | 636 | 625 | 358-359 | |
| | | 2.2 | 14988 | 1.5 | 649 | 204000 | | | | | | | | |
| | | 2.5 | 12910 | 1.8 | 559 | 199000 | | | | | | | | |
| | | 3.0 | 10924 | 2.1 | 473 | 189000 | | | | | | | | |
| | | 3.7 | 8707 | 2.3 | 377 | 176000 | | | | | | | | |
| | | 3.9 | 8245 | 2.5 | 357 | 175000 | | | | | | | | |
| | | 4.4 | 7367 | 2.7 | 319 | 169000 | | | | | | | | |
| | | 3.8 | 8441 | 2.6 | 731 | 175000 | | | | | | | | |
| | | 4.3 | 7494 | 2.5 | 649 | 170000 | | | | | | | | |
| | 623/18 | 132M6A | 1.6 | 20082 | 0.9 | 559 | | | | | | | | 175000 |
| 1.9 | | | 16993 | 1.0 | 473 | 175000 | | | | | | | | |
| 2.4 | | | 13544 | 1.2 | 377 | 175000 | | | | | | | | |
| 2.5 | | | 12825 | 1.2 | 357 | 175000 | | | | | | | | |
| 2.8 | | | 11460 | 1.4 | 319 | 171000 | | | | | | | | |
| 3.3 | | | 9808 | 1.6 | 273 | 163000 | | | | | | | | |
| 3.9 | | | 8299 | 1.9 | 231 | 155000 | | | | | | | | |
| 4.6 | | | 7005 | 2.0 | 195 | 147000 | | | | | | | | |
| 5.5 | | 5928 | 2.3 | 165 | 140000 | | | | | | | | | |
| 7.4 | | 4347 | 2.6 | 121 | 127000 | | | | | | | | | |
| 112M4C / 112M4D | | 1.9 | 16882 | 1.0 | 731 | 175000 | 638 | - | 609 | - | 565 | - | 354-355 | |
| | | 2.2 | 14988 | 1.2 | 649 | 175000 | | | | | | | | |
| | | 2.5 | 12910 | 1.4 | 559 | 175000 | | | | | | | | |
| | | 3.0 | 10924 | 1.6 | 473 | 170000 | | | | | | | | |
| | 3.7 | 8707 | 1.8 | 377 | 159000 | | | | | | | | | |
| | 3.9 | 8245 | 1.9 | 357 | 156000 | | | | | | | | | |
| 4.4 | 7367 | 2.2 | 319 | 151000 | | | | | | | | | | |
| 5.1 | 6305 | 2.5 | 273 | 144000 | | | | | | | | | | |
| 6.1 | 5335 | 3.0 | 231 | 137000 | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | | | | | | | |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|-----------------|-----------------|-----------------|-----|-----|-----|-----|---------|---------|---------|--|--|--|--|--|--|--|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | |
| 4.00 | 623/18 | 3.8 | 8441 | 2.0 | 731 | 157000 | 112M2B / 112M2C | 638 | - | 609 | - | 565 | - | 354-355 | | | | | | | | | |
| | | 4.3 | 7494 | 1.9 | 649 | 152000 | | | | | | | | | | | | | | | | | |
| | | 5.0 | 6455 | 2.4 | 559 | 145000 | | | | | | | | | | | | | | | | | |
| | | 5.9 | 5462 | 2.7 | 473 | 138000 | | | | | | | | | | | | | | | | | |
| | | 7.4 | 4353 | 3.0 | 377 | 128000 | | | | | | | | | | | | | | | | | |
| | 623/16 | 623/16 | 1.6 | 20082 | 0.9 | 559 | 175000 | 132M6A | 622 | 611 | 593 | 582 | 549 | 538 | 350-351 | | | | | | | | |
| | | | 1.9 | 16993 | 1.0 | 473 | 175000 | | | | | | | | | | | | | | | | |
| | | | 2.4 | 13544 | 1.2 | 377 | 175000 | | | | | | | | | | | | | | | | |
| | | | 2.5 | 12825 | 1.2 | 357 | 175000 | | | | | | | | | | | | | | | | |
| | | | 2.8 | 11460 | 1.4 | 319 | 171000 | | | | | | | | | | | | | | | | |
| | | | 3.3 | 9808 | 1.6 | 273 | 163000 | | | | | | | | | | | | | | | | |
| | | | 3.9 | 8299 | 1.9 | 231 | 155000 | | | | | | | | | | | | | | | | |
| | | | 4.6 | 7005 | 2.0 | 195 | 147000 | | | | | | | | | | | | | | | | |
| | | | 5.5 | 5928 | 2.3 | 165 | 140000 | | | | | | | | | | | | | | | | |
| | | 7.4 | 4347 | 2.6 | 121 | 127000 | | | | | | | | | | | | | | | | | |
| | | 623/16 | 623/16 | 1.9 | 16882 | 1.0 | 731 | 175000 | 112M4C / 112M4D | 598 | 584 | 569 | 555 | 525 | 511 | 350-351 | | | | | | | |
| | | | | 2.2 | 14988 | 1.2 | 649 | 175000 | | | | | | | | | | | | | | | |
| | | | | 2.5 | 12910 | 1.4 | 559 | 175000 | | | | | | | | | | | | | | | |
| | 3.0 | | | 10924 | 1.6 | 473 | 170000 | | | | | | | | | | | | | | | | |
| | 623/16 | 623/16 | 3.7 | 8707 | 1.8 | 377 | 159000 | 112M2B / 112M2C | 598 | 584 | 569 | 555 | 525 | 511 | 350-351 | | | | | | | | |
| | | | 3.9 | 8245 | 1.9 | 357 | 156000 | | | | | | | | | | | | | | | | |
| | | | 4.4 | 7367 | 2.2 | 319 | 151000 | | | | | | | | | | | | | | | | |
| | | | 5.1 | 6305 | 2.5 | 273 | 144000 | | | | | | | | | | | | | | | | |
| | | | 6.1 | 5335 | 3.0 | 231 | 137000 | | | | | | | | | | | | | | | | |
| | 622/17 | 622/17 | 1.9 | 16993 | 0.8 | 473 | 142000 | 132M6A | 552 | - | 539 | - | 509 | - | 346-347 | | | | | | | | |
| | | | 2.4 | 13544 | 0.9 | 377 | 142000 | | | | | | | | | | | | | | | | |
| | | | 2.5 | 12825 | 1.0 | 357 | 142000 | | | | | | | | | | | | | | | | |
| | | | 2.8 | 11460 | 1.1 | 319 | 137000 | | | | | | | | | | | | | | | | |
| 3.3 | | | 9808 | 1.3 | 273 | 130000 | | | | | | | | | | | | | | | | | |
| 3.9 | | | 8299 | 1.5 | 231 | 125000 | | | | | | | | | | | | | | | | | |
| 4.6 | | | 7005 | 1.6 | 195 | 119000 | | | | | | | | | | | | | | | | | |
| 622/17 | | 622/17 | 5.5 | 5928 | 1.9 | 165 | 113000 | 112M4C / 112M4D | 528 | - | 515 | - | 485 | - | 346-347 | | | | | | | | |
| | | | 7.4 | 4347 | 2.2 | 121 | 102000 | | | | | | | | | | | | | | | | |
| | | | 1.9 | 16882 | 0.8 | 731 | 142000 | | | | | | | | | | | | | | | | |
| | | | 2.2 | 14988 | 0.9 | 649 | 142000 | | | | | | | | | | | | | | | | |
| | | | 2.5 | 12910 | 1.1 | 559 | 142000 | | | | | | | | | | | | | | | | |
| | | | 3.0 | 10924 | 1.3 | 473 | 136000 | | | | | | | | | | | | | | | | |
| | | | 3.7 | 8707 | 1.4 | 377 | 127000 | | | | | | | | | | | | | | | | |
| 622/13 | 622/13 | 3.9 | 8245 | 1.5 | 357 | 125000 | 132M6A | 499 | 493 | 486 | 480 | 456 | 450 | 342-343 | | | | | | | | | |
| | | 4.4 | 7367 | 1.7 | 319 | 122000 | | | | | | | | | | | | | | | | | |
| | | 5.1 | 6305 | 2.0 | 273 | 116000 | | | | | | | | | | | | | | | | | |
| | | 6.1 | 5335 | 2.3 | 231 | 110000 | | | | | | | | | | | | | | | | | |
| | | 7.2 | 4503 | 2.5 | 195 | 105000 | | | | | | | | | | | | | | | | | |
| | 622/13 | 622/13 | 8.5 | 3811 | 2.9 | 165 | 100000 | 112M4C / 112M4D | 474 | 466 | 461 | 453 | 431 | 423 | 342-343 | | | | | | | | |
| | | | 1.9 | 16882 | 0.8 | 731 | 142000 | | | | | | | | | | | | | | | | |
| | | | 2.2 | 14988 | 0.9 | 649 | 142000 | | | | | | | | | | | | | | | | |
| | | | 2.5 | 12910 | 1.1 | 559 | 142000 | | | | | | | | | | | | | | | | |
| | | | 3.0 | 10924 | 1.3 | 473 | 136000 | | | | | | | | | | | | | | | | |
| 622/13 | 622/13 | 3.7 | 8707 | 1.4 | 377 | 127000 | 112M2B / 112M2C | 474 | 466 | 461 | 453 | 431 | 423 | 342-343 | | | | | | | | | |
| | | 3.9 | 8245 | 1.5 | 357 | 125000 | | | | | | | | | | | | | | | | | |
| | | 4.4 | 7367 | 1.7 | 319 | 122000 | | | | | | | | | | | | | | | | | |
| | | 5.1 | 6305 | 2.0 | 273 | 116000 | | | | | | | | | | | | | | | | | |
| | | 6.1 | 5335 | 2.3 | 231 | 110000 | | | | | | | | | | | | | | | | | |
| | | 7.2 | 4503 | 2.5 | 195 | 105000 | | | | | | | | | | | | | | | | | |
| | | 8.5 | 3811 | 2.3 | 165 | 100000 | | | | | | | | | | | | | | | | | |
| | | 11.6 | 2794 | 2.3 | 121 | 90700 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |






| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|--------|-----------------|-----------------|-----------------|-----|-----|---|---------|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | |
| 4.00 | 622/13 | 3.8 | 8441 | 1.6 | 731 | 126000 | 112M2B / 112M2C | 474 | 466 | 461 | 453 | 431 | 423 | 342-343 | | | | |
| | | 4.3 | 7494 | 1.6 | 649 | 122000 | | | | | | | | | | | | |
| | | 5.0 | 6455 | 2.0 | 559 | 117000 | | | | | | | | | | | | |
| | | 5.9 | 5462 | 2.3 | 473 | 111000 | | | | | | | | | | | | |
| | | 7.4 | 4353 | 2.2 | 377 | 104000 | | | | | | | | | | | | |
| | | 7.8 | 4122 | 1.7 | 357 | 102000 | | | | | | | | | | | | |
| | | 8.8 | 3684 | 2.3 | 319 | 99000 | | | | | | | | | | | | |
| | | 10.3 | 3152 | 2.2 | 273 | 94000 | | | | | | | | | | | | |
| | | 12.1 | 2667 | 2.3 | 231 | 89400 | | | | | | | | | | | | |
| | | 14.4 | 2252 | 2.2 | 195 | 85000 | | | | | | | | | | | | |
| | 17.0 | 1905 | 2.3 | 165 | 80900 | | | | | | | | | | | | | |
| | 23.1 | 1397 | 2.3 | 121 | 73600 | | | | | | | | | | | | | |
| | 4.00 | 621/16 | 2.8 | 11460 | 0.8 | 319 | 84400 | 132M6A | 447 | 438 | 425 | 416 | 406 | 397 | 338-339 | | | |
| | | | 3.3 | 9808 | 1.0 | 273 | 84400 | | | | | | | | | | | |
| | | | 3.9 | 8299 | 1.1 | 231 | 84400 | | | | | | | | | | | |
| | | | 4.6 | 7005 | 1.2 | 195 | 84400 | | | | | | | | | | | |
| | | | 5.5 | 5928 | 1.4 | 165 | 84400 | | | | | | | | | | | |
| | | | 7.4 | 4347 | 1.6 | 121 | 84400 | | | | | | | | | | | |
| | | 4.00 | 621/16 | 2.5 | 12910 | 0.9 | 559 | 84400 | 112M4C / 112M4D | 423 | 411 | 401 | 389 | 382 | 370 | 338-339 | | |
| | | | | 3.0 | 10924 | 1.0 | 473 | 84400 | | | | | | | | | | |
| | | | | 3.7 | 8707 | 1.1 | 377 | 84400 | | | | | | | | | | |
| | | | | 3.9 | 8245 | 1.1 | 357 | 84400 | | | | | | | | | | |
| | | | | 4.4 | 7367 | 1.3 | 319 | 84400 | | | | | | | | | | |
| | | | | 5.1 | 6305 | 1.5 | 273 | 84400 | | | | | | | | | | |
| | | | | 6.1 | 5335 | 1.8 | 231 | 84400 | | | | | | | | | | |
| | | | | 7.2 | 4503 | 1.8 | 195 | 84400 | | | | | | | | | | |
| | | | | 8.5 | 3811 | 2.2 | 165 | 84400 | | | | | | | | | | |
| | | | | 11.6 | 2794 | 2.3 | 121 | 84400 | | | | | | | | | | |
| | | | 4.00 | 621/16 | 3.8 | 8441 | 1.3 | 731 | 67800 | 112M2B / 112M2C | 423 | 411 | 401 | 389 | 382 | 370 | 338-339 | |
| | | | | | 4.3 | 7494 | 1.2 | 649 | 67800 | | | | | | | | | |
| | | | | | 5.0 | 6455 | 1.5 | 559 | 67800 | | | | | | | | | |
| | | | | | 5.9 | 5462 | 1.7 | 473 | 67800 | | | | | | | | | |
| | | | | | 7.4 | 4353 | 1.9 | 377 | 67800 | | | | | | | | | |
| | | | | | 7.8 | 4122 | 1.7 | 357 | 67800 | | | | | | | | | |
| | | | | | 8.8 | 3684 | 2.1 | 319 | 67800 | | | | | | | | | |
| | | | | | 10.3 | 3152 | 2.2 | 273 | 67800 | | | | | | | | | |
| | | | | | 12.1 | 2667 | 2.3 | 231 | 66700 | | | | | | | | | |
| | | | | | 14.4 | 2252 | 2.2 | 195 | 63400 | | | | | | | | | |
| | | | | 17.0 | 1905 | 2.3 | 165 | 60300 | | | | | | | | | | |
| | | | | 23.1 | 1397 | 2.3 | 121 | 54900 | | | | | | | | | | |
| | | | | 4.00 | 621/13 | 2.8 | 11460 | 0.8 | 319 | 84400 | 132M6A | 424 | 418 | 402 | 396 | 383 | 377 | 334-335 |
| | | | | | | 3.3 | 9808 | 1.0 | 273 | 84400 | | | | | | | | |
| 3.9 | | | | | | 8299 | 1.1 | 231 | 84400 | | | | | | | | | |
| 4.6 | | | | | | 7005 | 1.2 | 195 | 84400 | | | | | | | | | |
| 5.5 | | | | | | 5928 | 1.4 | 165 | 84400 | | | | | | | | | |
| 7.4 | | | | | | 4347 | 1.6 | 121 | 84400 | | | | | | | | | |
| 4.00 | | | | | 621/13 | 2.5 | 12910 | 0.9 | 559 | 84400 | 112M4C / 112M4D | 399 | 391 | 377 | 369 | 358 | 350 | 334-335 |
| | | | | | | 3.0 | 10924 | 1.0 | 473 | 84400 | | | | | | | | |
| | | | | | | 3.7 | 8707 | 1.1 | 377 | 84400 | | | | | | | | |
| | | | | | | 3.9 | 8245 | 1.1 | 357 | 84400 | | | | | | | | |
| | | | | | | 4.4 | 7367 | 1.3 | 319 | 84400 | | | | | | | | |
| | | | | | | 5.1 | 6305 | 1.5 | 273 | 84400 | | | | | | | | |
| | | | | | | 6.1 | 5335 | 1.8 | 231 | 84400 | | | | | | | | |
| | | | | | | 7.2 | 4503 | 1.8 | 195 | 84400 | | | | | | | | |
| | 8.5 | | | | | 3811 | 2.2 | 165 | 84400 | | | | | | | | | |
| | 11.6 | | | | | 2794 | 2.3 | 121 | 84400 | | | | | | | | | |
| | 4.00 | | | | 621/13 | 3.8 | 8441 | 1.3 | 731 | 67800 | 112M2B / 112M2C | 399 | 391 | 377 | 369 | 358 | 350 | 334-335 |
| | | | | | | 4.3 | 7494 | 1.2 | 649 | 67800 | | | | | | | | |
| | | | | | | 5.0 | 6455 | 1.5 | 559 | 67800 | | | | | | | | |
| | | | | | | 5.9 | 5462 | 1.7 | 473 | 67800 | | | | | | | | |
| | | 7.4 | | | | 4353 | 1.9 | 377 | 67800 | | | | | | | | | |
| | | 7.8 | | | | 4122 | 1.7 | 357 | 67800 | | | | | | | | | |
| | | 8.8 | | | | 3684 | 2.1 | 319 | 67800 | | | | | | | | | |
| | | 10.3 | | | | 3152 | 2.2 | 273 | 67800 | | | | | | | | | |
| | | 12.1 | | | | 2667 | 2.3 | 231 | 66700 | | | | | | | | | |
| | | 14.4 | | | | 2252 | 2.2 | 195 | 63400 | | | | | | | | | |
| | | 17.0 | | | 1905 | 2.3 | 165 | 60300 | | | | | | | | | | |
| | | 23.1 | | | 1397 | 2.3 | 121 | 54900 | | | | | | | | | | |
| | | 4.00 | | | 620/13 | 3.9 | 8299 | 0.9 | 231 | 67800 | 132M6A | 344 | 337 | 332 | 325 | 317 | 310 | 330-331 |
| | | | | | | 4.6 | 7005 | 1.0 | 195 | 67800 | | | | | | | | |
| | | | 5.5 | | | 5928 | 1.1 | 165 | 67800 | | | | | | | | | |
| | | | 7.4 | | | 4347 | 1.3 | 121 | 67800 | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|-----------------|-----------------|-----------------|-----|-----|-----|-----|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | |
| 4.00 | 620/13 | 3.7 | 8707 | 0.8 | 377 | 67800 | 112M4C / 112M4D | 319 | 310 | 307 | 298 | 292 | 283 | 330-331 | | |
| | | 3.9 | 8245 | 0.9 | 357 | 67800 | | | | | | | | | | |
| | | 4.4 | 7367 | 1.0 | 319 | 67800 | | | | | | | | | | |
| | | 5.1 | 6305 | 1.1 | 273 | 67800 | | | | | | | | | | |
| | | 6.1 | 5335 | 1.3 | 231 | 67800 | | | | | | | | | | |
| | | 7.2 | 4503 | 1.5 | 195 | 67800 | | | | | | | | | | |
| | | 8.5 | 3811 | 1.8 | 165 | 67800 | | | | | | | | | | |
| | | 11.6 | 2794 | 2.0 | 121 | 67800 | | | | | | | | | | |
| | | 3.8 | 8441 | 1.0 | 731 | 67800 | | | | | | | | | | |
| | | 4.3 | 7494 | 1.0 | 649 | 67800 | | | | | | | | | | |
| | | 5.0 | 6455 | 1.2 | 559 | 67800 | | | | | | | | | | |
| | | 5.9 | 5462 | 1.3 | 473 | 67800 | | | | | | | | | | |
| | | 7.4 | 4353 | 1.5 | 377 | 67800 | | | | | | | | | | |
| | | 7.8 | 4122 | 1.7 | 357 | 67800 | | | | | | | | | | |
| | | 8.8 | 3684 | 1.6 | 319 | 67800 | | | | | | | | | | |
| | | 10.3 | 3152 | 2.2 | 273 | 67800 | | | | | | | | | | |
| | | 12.1 | 2667 | 2.3 | 231 | 66700 | | | | | | | | | | |
| | | 14.4 | 2252 | 2.2 | 195 | 63400 | | | | | | | | | | |
| | 17.0 | 1905 | 2.3 | 165 | 60300 | | | | | | | | | | | |
| | 23.1 | 1397 | 2.3 | 121 | 54900 | | | | | | | | | | | |
| | 620/11 | 620/11 | 3.7 | 8707 | 0.8 | 377 | 67800 | 112M4C / 112M4D | 303 | 308 | 291 | 296 | 276 | 281 | 326-327 | |
| | | | 3.9 | 8245 | 0.9 | 357 | 67800 | | | | | | | | | |
| | | | 4.4 | 7367 | 1.0 | 319 | 67800 | | | | | | | | | |
| | | | 5.1 | 6305 | 1.1 | 273 | 67800 | | | | | | | | | |
| | | | 6.1 | 5335 | 1.2 | 231 | 67800 | | | | | | | | | |
| | | | 7.2 | 4503 | 1.2 | 195 | 67800 | | | | | | | | | |
| | | | 8.5 | 3811 | 1.2 | 165 | 67800 | | | | | | | | | |
| | | | 11.6 | 2794 | 1.2 | 121 | 67800 | | | | | | | | | |
| | | | 3.8 | 8441 | 1.0 | 731 | 67800 | | | | | | | | | |
| | | 4.3 | 7494 | 1.0 | 649 | 67800 | | | | | | | | | | |
| | | 5.0 | 6455 | 1.2 | 559 | 67800 | | | | | | | | | | |
| | | 5.9 | 5462 | 1.2 | 473 | 67800 | | | | | | | | | | |
| | | 7.4 | 4353 | 1.2 | 377 | 67800 | | | | | | | | | | |
| | | 7.8 | 4122 | 1.2 | 357 | 67800 | | | | | | | | | | |
| | | 8.8 | 3684 | 1.2 | 319 | 67800 | | | | | | | | | | |
| | | 10.3 | 3152 | 1.2 | 273 | 67800 | | | | | | | | | | |
| 12.1 | | 2667 | 1.2 | 231 | 66700 | | | | | | | | | | | |
| 14.4 | | 2252 | 1.2 | 195 | 63400 | | | | | | | | | | | |
| 17.0 | 1905 | 1.2 | 165 | 60300 | | | | | | | | | | | | |
| 23.1 | 1397 | 1.2 | 121 | 54900 | | | | | | | | | | | | |
| 619/13 | 619/13 | 3.9 | 8299 | 0.9 | 231 | 51000 | 132M6A | 319 | 315 | 304 | 300 | 274 | 270 | 322-323 | | |
| | | 4.6 | 7005 | 1.0 | 195 | 51000 | | | | | | | | | | |
| | | 5.5 | 5928 | 1.1 | 165 | 51000 | | | | | | | | | | |
| | | 6.3 | 5137 | 1.3 | 143 | 51000 | | | | | | | | | | |
| | | 7.4 | 4347 | 1.3 | 121 | 51000 | | | | | | | | | | |
| | | 8.7 | 3736 | 1.6 | 104 | 51000 | | | | | | | | | | |
| | 619/13 | 619/13 | 3.7 | 8707 | 0.8 | 377 | 51000 | 112M4C / 112M4D | 294 | 288 | 279 | 273 | 249 | 243 | 322-323 | |
| | | | 3.9 | 8245 | 0.9 | 357 | 51000 | | | | | | | | | |
| | | | 4.4 | 7367 | 1.0 | 319 | 51000 | | | | | | | | | |
| | | | 5.1 | 6305 | 1.1 | 273 | 51000 | | | | | | | | | |
| | | | 6.1 | 5335 | 1.3 | 231 | 51000 | | | | | | | | | |
| | | | 7.2 | 4503 | 1.4 | 195 | 51000 | | | | | | | | | |
| | | | 8.5 | 3811 | 1.8 | 165 | 51000 | | | | | | | | | |
| | | | 9.8 | 3303 | 1.8 | 143 | 51000 | | | | | | | | | |
| | | | 11.6 | 2794 | 2.0 | 121 | 51000 | | | | | | | | | |
| | | 13.5 | 2402 | 2.2 | 104 | 51000 | | | | | | | | | | |
| | | 619/13 | 619/13 | 3.8 | 8441 | 0.8 | 731 | 51000 | 112M2B / 112M2C | 294 | 288 | 279 | 273 | 249 | 243 | 322-323 |
| | | | | 4.3 | 7494 | 0.8 | 649 | 51000 | | | | | | | | |
| | | | | 4.7 | 6871 | 1.0 | 595 | 51000 | | | | | | | | |
| | | | | 5.0 | 6455 | 1.0 | 559 | 51000 | | | | | | | | |
| | | | | 5.3 | 6062 | 1.2 | 525 | 51000 | | | | | | | | |
| | | | | 5.9 | 5462 | 1.1 | 473 | 51000 | | | | | | | | |
| | | | | 6.6 | 4908 | 1.4 | 425 | 51000 | | | | | | | | |
| | | | | 7.4 | 4353 | 1.4 | 377 | 51000 | | | | | | | | |
| 7.8 | 4122 | | | 1.7 | 357 | 51000 | | | | | | | | | | |
| 8.8 | 3684 | | | 1.6 | 319 | 51000 | | | | | | | | | | |
| 10.3 | 3152 | | | 2.0 | 273 | 51000 | | | | | | | | | | |
| 12.1 | 2667 | | | 2.2 | 231 | 51000 | | | | | | | | | | |
| 14.4 | 2252 | | | 2.2 | 195 | 51000 | | | | | | | | | | |
| 17.0 | 1905 | | | 2.3 | 165 | 49700 | | | | | | | | | | |
| 19.6 | 1651 | | | 2.3 | 143 | 47400 | | | | | | | | | | |
| 23.1 | 1397 | | | 2.3 | 121 | 44800 | | | | | | | | | | |
| 26.9 | 1201 | | | 2.3 | 104 | 42500 | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|-----|-----|-----|-----|-----|---|------------------------|-----|-----|-----|-----|-----|-----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 4.00 |  | 3.7 | 8707 | 0.8 | 377 | 51000 | 112M4C / 112M4D | 282 | 286 | 267 | 271 | 237 | 241 | 318-319 | | | | | | | | |
| | | 3.9 | 8245 | 0.9 | 357 | 51000 | | | | | | | | | | | | | | | | |
| | | 4.4 | 7367 | 1.0 | 319 | 51000 | | | | | | | | | | | | | | | | |
| | | 5.1 | 6305 | 1.1 | 273 | 51000 | | | | | | | | | | | | | | | | |
| | | 6.1 | 5335 | 1.2 | 231 | 51000 | | | | | | | | | | | | | | | | |
| | | 7.2 | 4503 | 1.1 | 195 | 51000 | | | | | | | | | | | | | | | | |
| | | 8.5 | 3811 | 1.2 | 165 | 51000 | | | | | | | | | | | | | | | | |
| | | 9.8 | 3303 | 1.2 | 143 | 51000 | | | | | | | | | | | | | | | | |
| | | 11.6 | 2794 | 1.2 | 121 | 51000 | | | | | | | | | | | | | | | | |
| | | 13.5 | 2402 | 1.2 | 104 | 51000 | | | | | | | | | | | | | | | | |
| 619/11 |  | 3.8 | 8441 | 0.8 | 731 | 51000 | 112M2B / 112M2C | 282 | 286 | 267 | 271 | 237 | 241 | 318-319 | | | | | | | | |
| | | 4.3 | 7494 | 0.9 | 649 | 51000 | | | | | | | | | | | | | | | | |
| | | 4.7 | 6871 | 1.0 | 595 | 51000 | | | | | | | | | | | | | | | | |
| | | 5.0 | 6455 | 1.1 | 559 | 51000 | | | | | | | | | | | | | | | | |
| | | 5.3 | 6062 | 1.0 | 525 | 51000 | | | | | | | | | | | | | | | | |
| | | 5.9 | 5462 | 1.2 | 473 | 51000 | | | | | | | | | | | | | | | | |
| | | 6.6 | 4908 | 1.1 | 425 | 51000 | | | | | | | | | | | | | | | | |
| | | 7.4 | 4353 | 1.1 | 377 | 51000 | | | | | | | | | | | | | | | | |
| | | 7.8 | 4122 | 1.1 | 357 | 51000 | | | | | | | | | | | | | | | | |
| | | 8.8 | 3684 | 1.2 | 319 | 51000 | | | | | | | | | | | | | | | | |
| | | 10.3 | 3152 | 1.1 | 273 | 51000 | | | | | | | | | | | | | | | | |
| | | 12.1 | 2667 | 1.2 | 231 | 51000 | | | | | | | | | | | | | | | | |
| | | 14.4 | 2252 | 1.1 | 195 | 51000 | | | | | | | | | | | | | | | | |
| | | 17.0 | 1905 | 1.2 | 165 | 49700 | | | | | | | | | | | | | | | | |
| 19.6 | 1651 | 1.2 | 143 | 47400 | | | | | | | | | | | | | | | | | | |
| 23.1 | 1397 | 1.2 | 121 | 44800 | | | | | | | | | | | | | | | | | | |
| 26.9 | 1201 | 1.2 | 104 | 42500 | | | | | | | | | | | | | | | | | | |
| 619 |  | 10.3 | 3397 | 2.2 | 87 | 51000 | 132M6A | 330 | - | 315 | - | 285 | - | 212-213 | | | | | | | | |
| | | 12.7 | 2772 | 2.5 | 71 | 51000 | | | | | | | | | | | | | | | | |
| | | 15.3 | 2304 | 2.8 | 59 | 50900 | | | | | | | | | | | | | | | | |
| 618/13 |  | 8.7 | 3736 | 1.0 | 104 | 36600 | 132M6A | 254 | 247 | 241 | 234 | 221 | 214 | 314-315 | | | | | | | | |
| | | 7.2 | 4503 | 0.9 | 195 | 36600 | | | | | | | | | | | | | | | | |
| | | 8.5 | 3811 | 1.0 | 165 | 36600 | 112M4C / 112M4D | 229 | 220 | 216 | 207 | 196 | 187 | 314-315 | | | | | | | | |
| | | 9.8 | 3303 | 1.2 | 143 | 36600 | | | | | | | | | | | | | | | | |
| | | 11.6 | 2794 | 1.2 | 121 | 36600 | | | | | | | | | | | | | | | | |
| | | 13.5 | 2402 | 1.6 | 104 | 36600 | | | | | | | | | | | | | | | | |
| | | 6.6 | 4908 | 0.8 | 425 | 36600 | | | | | | | | | 112M2B / 112M2C | 229 | 220 | 216 | 207 | 196 | 187 | 314-315 |
| | | 7.4 | 4353 | 0.9 | 377 | 36600 | | | | | | | | | | | | | | | | |
| | | 7.8 | 4122 | 1.0 | 357 | 36600 | | | | | | | | | | | | | | | | |
| | | 8.8 | 3684 | 1.1 | 319 | 36600 | | | | | | | | | | | | | | | | |
| | | 10.3 | 3152 | 1.3 | 273 | 36600 | | | | | | | | | | | | | | | | |
| | | 12.1 | 2667 | 1.5 | 231 | 36600 | | | | | | | | | | | | | | | | |
| | | 14.4 | 2252 | 1.7 | 195 | 36600 | | | | | | | | | | | | | | | | |
| | | 17.0 | 1905 | 1.9 | 165 | 35500 | | | | | | | | | | | | | | | | |
| 19.6 | 1651 | 2.3 | 143 | 33800 | | | | | | | | | | | | | | | | | | |
| 23.1 | 1397 | 2.3 | 121 | 32100 | | | | | | | | | | | | | | | | | | |
| 26.9 | 1201 | 2.3 | 104 | 30500 | | | | | | | | | | | | | | | | | | |
| 618 |  | 10.3 | 3397 | 1.3 | 87 | 36600 | 132M6A | 240 | - | 227 | - | 207 | - | 208-209 | | | | | | | | |
| | | 12.7 | 2772 | 1.6 | 71 | 36600 | | | | | | | | | | | | | | | | |
| | | 15.3 | 2304 | 1.7 | 59 | 36400 | | | | | | | | | | | | | | | | |
| | | 17.6 | 1991 | 2.1 | 51 | 34600 | | | | | | | | | | | | | | | | |
| | | 20.9 | 1679 | 2.6 | 43 | 32700 | | | | | | | | | | | | | | | | |
| | | 16.1 | 2184 | 1.8 | 87 | 36200 | 112M4C / 112M4D | 217 | - | 204 | - | 184 | - | 208-209 | | | | | | | | |
| 19.7 | 1782 | 2.1 | 71 | 33700 | | | | | | | | | | | | | | | | | | |
| 23.7 | 1481 | 2.3 | 59 | 31800 | | | | | | | | | | | | | | | | | | |
| 27.5 | 1280 | 2.9 | 51 | 30300 | | | | | | | | | | | | | | | | | | |
| 617/11 |  | 9.8 | 3303 | 0.8 | 143 | 27000 | 112M4C / 112M4D | 172 | 166 | 172 | 166 | 143 | 137 | 306-307 | | | | | | | | |
| | | 11.6 | 2794 | 0.9 | 121 | 27000 | | | | | | | | | | | | | | | | |
| | | 13.5 | 2402 | 1.1 | 104 | 27000 | | | | | | | | | | | | | | | | |
| | | 10.3 | 3152 | 0.9 | 273 | 27000 | 112M2B / 112M2C | 172 | 166 | 172 | 166 | 143 | 137 | 306-307 | | | | | | | | |
| | | 12.1 | 2667 | 1.0 | 231 | 27000 | | | | | | | | | | | | | | | | |
| | | 14.4 | 2252 | 1.0 | 195 | 27000 | | | | | | | | | | | | | | | | |
| | | 17.0 | 1905 | 1.1 | 165 | 26500 | | | | | | | | | | | | | | | | |
| | | 19.6 | 1651 | 1.2 | 143 | 25200 | | | | | | | | | | | | | | | | |
| | | 23.1 | 1397 | 1.2 | 121 | 23800 | | | | | | | | | | | | | | | | |
| | | 26.9 | 1201 | 1.2 | 104 | 22600 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | | | | | | |
|------------------------|------|--|------------------------|----------------|------------------|-------------------------|-----------------|--------|-----|-----|-----|---------|---------|---------|-----------------|-----|-----|-----|-----|-----|-----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 4.00 | 617 | 10.3 | 3397 | 0.9 | 87 | 27000 | 132M6A | 202 | - | 202 | - | 173 | - | 204-205 | | | | | | | | |
| | | 12.7 | 2772 | 1.1 | 71 | 27000 | | | | | | | | | | | | | | | | |
| | | 15.3 | 2304 | 1.3 | 59 | 27000 | | | | | | | | | | | | | | | | |
| | | 17.6 | 1991 | 1.5 | 51 | 25800 | | | | | | | | | | | | | | | | |
| | | 20.9 | 1679 | 1.7 | 43 | 24300 | | | | | | | | | | | | | | | | |
| | | 25.7 | 1367 | 2.2 | 35 | 22700 | | | | | | | | | | | | | | | | |
| | | 31.0 | 1132 | 2.6 | 29 | 21400 | | | | | | | | | | | | | | | | |
| | | 36.0 | 976 | 2.9 | 25 | 20300 | | | | | | | | | | | | | | | | |
| | | 16.1 | 2184 | 1.2 | 87 | 26900 | | | | | | | | | 112M4C / 112M4D | 178 | - | 178 | - | 149 | - | 204-205 |
| | | 19.7 | 1782 | 1.5 | 71 | 25100 | | | | | | | | | | | | | | | | |
| | | 23.7 | 1481 | 1.8 | 59 | 23600 | | | | | | | | | | | | | | | | |
| | | 27.5 | 1280 | 2.1 | 51 | 22500 | | | | | | | | | | | | | | | | |
| | 32.6 | 1079 | 2.3 | 43 | 21300 | | | | | | | | | | | | | | | | | |
| | 17.0 | 1905 | 0.9 | 165 | 19200 | 112M2B / 112M2C | 137 | 130 | 132 | 125 | 119 | 112 | 294-295 | | | | | | | | | |
| | 19.6 | 1651 | 1.1 | 143 | 19200 | | | | | | | | | | | | | | | | | |
| | 23.1 | 1397 | 1.3 | 121 | 19200 | | | | | | | | | | | | | | | | | |
| | 26.9 | 1201 | 1.2 | 104 | 19000 | | | | | | | | | | | | | | | | | |
| | 616 | 616 | 15.3 | 2304 | 0.9 | 59 | 19200 | 132M6A | 157 | 147 | 152 | 142 | 139 | 129 | 200-201 | | | | | | | |
| | | | 17.6 | 1991 | 1.0 | 51 | 19200 | | | | | | | | | | | | | | | |
| | | | 20.9 | 1679 | 1.2 | 43 | 19200 | | | | | | | | | | | | | | | |
| | | | 25.7 | 1367 | 1.4 | 35 | 19100 | | | | | | | | | | | | | | | |
| | | | 31.0 | 1132 | 1.7 | 29 | 17900 | | | | | | | | | | | | | | | |
| | | | 36.0 | 976 | 2.0 | 25 | 17200 | | | | | | | | | | | | | | | |
| | | | 42.9 | 820 | 2.4 | 21 | 16200 | | | | | | | | | | | | | | | |
| 52.9 | | | 664 | 2.8 | 17 | 15100 | | | | | | | | | | | | | | | | |
| 60.0 | | | 586 | 2.8 | 15 | 14400 | | | | | | | | | | | | | | | | |
| 16.1 | | | 2184 | 0.8 | 87 | 19200 | 112M4C / 112M4D | | | | | | | | | 133 | 120 | 128 | 115 | 115 | 102 | 200-201 |
| 19.7 | | | 1782 | 1.0 | 71 | 19200 | | | | | | | | | | | | | | | | |
| 23.7 | | | 1481 | 1.2 | 59 | 19200 | | | | | | | | | | | | | | | | |
| 27.5 | | 1280 | 1.4 | 51 | 18900 | | | | | | | | | | | | | | | | | |
| 32.6 | | 1079 | 1.7 | 43 | 17900 | | | | | | | | | | | | | | | | | |
| 40.0 | | 879 | 2.2 | 35 | 16800 | | | | | | | | | | | | | | | | | |
| 48.3 | | 728 | 2.4 | 29 | 15700 | | | | | | | | | | | | | | | | | |
| 56.0 | | 628 | 2.9 | 25 | 15000 | | | | | | | | | | | | | | | | | |
| 32.2 | | 1092 | 0.8 | 87 | 17900 | 112M2B / 112M2C | 133 | 120 | 128 | 115 | 115 | 102 | 200-201 | | | | | | | | | |
| 39.4 | | 891 | 1.0 | 71 | 16800 | | | | | | | | | | | | | | | | | |
| 47.5 | | 741 | 1.2 | 59 | 15800 | | | | | | | | | | | | | | | | | |
| 54.9 | | 640 | 1.4 | 51 | 15100 | | | | | | | | | | | | | | | | | |
| 65.1 | | 540 | 1.7 | 43 | 14200 | | | | | | | | | | | | | | | | | |
| 80.0 | | 439 | 2.2 | 35 | 13300 | | | | | | | | | | | | | | | | | |
| 96.6 | | 364 | 2.5 | 29 | 12500 | | | | | | | | | | | | | | | | | |
| 112.0 | 314 | 2.9 | 25 | 11900 | | | | | | | | | | | | | | | | | | |
| 615 | 615 | 25.7 | 1367 | 0.8 | 35 | | | | | | | | | 15400 | 132M6A | 115 | 108 | 112 | 98 | 106 | 92 | 196-197 |
| | | 31.0 | 1132 | 1.0 | 29 | | | | | | | | | 15400 | | | | | | | | |
| | | 36.0 | 976 | 1.1 | 25 | 15400 | | | | | | | | | | | | | | | | |
| | | 42.9 | 820 | 1.3 | 21 | 14700 | | | | | | | | | | | | | | | | |
| | | 52.9 | 664 | 1.7 | 17 | 13800 | | | | | | | | | | | | | | | | |
| | | 60.0 | 586 | 1.9 | 15 | 13300 | | | | | | | | | | | | | | | | |
| | | 69.2 | 508 | 1.9 | 13 | 12700 | | | | | | | | | | | | | | | | |
| | | 81.8 | 430 | 2.4 | 11 | 12100 | | | | | | | | | | | | | | | | |
| | | 112.5 | 312 | 2.4 | 8 | 11000 | | | | | | | | | | | | | | | | |
| | | 150.0 | 234 | 2.4 | 6 | 10100 | | | | | | | | | | | | | | | | |
| | | 27.5 | 1280 | 0.8 | 51 | 15400 | 112M4C / 112M4D | 90 | 81 | 87 | 76 | 81 | 70 | 196-197 | | | | | | | | |
| | | 32.6 | 1079 | 1.0 | 43 | 15400 | | | | | | | | | | | | | | | | |
| 40.0 | 879 | 1.2 | 35 | 15200 | | | | | | | | | | | | | | | | | | |
| 48.3 | 728 | 1.5 | 29 | 14300 | | | | | | | | | | | | | | | | | | |
| 56.0 | 628 | 1.7 | 25 | 13700 | | | | | | | | | | | | | | | | | | |
| 66.7 | 527 | 1.8 | 21 | 13000 | | | | | | | | | | | | | | | | | | |
| 82.4 | 427 | 2.3 | 17 | 12200 | | | | | | | | | | | | | | | | | | |
| 93.3 | 377 | 2.5 | 15 | 11800 | | | | | | | | | | | | | | | | | | |
| 107.7 | 326 | 2.5 | 13 | 11300 | | | | | | | | | | | | | | | | | | |
| 54.9 | 640 | 0.8 | 51 | 13800 | 112M2B / 112M2C | 90 | 81 | 87 | 76 | 81 | 70 | 196-197 | | | | | | | | | | |
| 65.1 | 540 | 1.0 | 43 | 13100 | | | | | | | | | | | | | | | | | | |
| 80.0 | 439 | 1.2 | 35 | 12400 | | | | | | | | | | | | | | | | | | |
| 96.6 | 364 | 1.5 | 29 | 11700 | | | | | | | | | | | | | | | | | | |
| 112.0 | 314 | 1.7 | 25 | 11100 | | | | | | | | | | | | | | | | | | |
| 133.3 | 264 | 1.8 | 21 | 10600 | | | | | | | | | | | | | | | | | | |
| 164.7 | 213 | 2.3 | 17 | 9900 | | | | | | | | | | | | | | | | | | |
| 186.7 | 188 | 2.5 | 15 | 9520 | | | | | | | | | | | | | | | | | | |
| 215.4 | 163 | 2.5 | 13 | 9120 | | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|-----|-----|-----|---------|-----------------|---|
| | | | | | | | | HC | HX | VC | VX | FC | FX | |
| 4.00 | 614 | 25.7 | 1367 | 0.8 | 35 | 14400 | 132M6A | 113 | 108 | 112 | 107 | 106 | 101 | 192-193 |
| | | 31.0 | 1132 | 0.9 | 29 | 13900 | | | | | | | | |
| | | 36.0 | 976 | 1.1 | 25 | 13300 | | | | | | | | |
| | | 42.9 | 820 | 1.3 | 21 | 12600 | | | | | | | | |
| | | 52.9 | 664 | 1.7 | 17 | 11900 | | | | | | | | |
| | | 60.0 | 586 | 1.8 | 15 | 11400 | | | | | | | | |
| | | 69.2 | 508 | 1.8 | 13 | 10900 | | | | | | | | |
| | | 81.8 | 430 | 1.9 | 11 | 10400 | | | | | | | | |
| | | 40.0 | 879 | 1.2 | 35 | 13000 | | | | | | | | |
| | 48.3 | 728 | 1.2 | 29 | 12300 | | | | | | | | | |
| | 56.0 | 628 | 1.5 | 25 | 11800 | | | | | | | | | |
| | 66.7 | 527 | 1.7 | 21 | 11200 | | | | | | | | | |
| | 82.4 | 427 | 2.3 | 17 | 10500 | | | | | | | | | |
| | 93.3 | 377 | 2.3 | 15 | 10100 | | | | | | | | | |
| | 107.7 | 326 | 2.4 | 13 | 9640 | | | | | | | | | |
| | 127.3 | 276 | 2.5 | 11 | 9160 | | | | | | | | | |
| | 80.0 | 439 | 1.2 | 35 | 10600 | 112M2B / 112M2C | 88 | 81 | 87 | 80 | 81 | 74 | 192-193 | |
| | 96.6 | 364 | 1.2 | 29 | 10000 | | | | | | | | | |
| | 112.0 | 314 | 1.5 | 25 | 9520 | | | | | | | | | |
| | 133.3 | 264 | 1.7 | 21 | 9030 | | | | | | | | | |
| | 164.7 | 213 | 2.3 | 17 | 8470 | | | | | | | | | |
| | 186.7 | 188 | 2.3 | 15 | 8160 | | | | | | | | | |
| | 215.4 | 163 | 2.4 | 13 | 7810 | | | | | | | | | |
| | 254.5 | 138 | 2.5 | 11 | 7420 | | | | | | | | | |
| | 36.0 | 976 | 0.8 | 25 | 10600 | | | | | | | | | 132M6A |
| | 42.9 | 820 | 1.0 | 21 | 10000 | | | | | | | | | |
| | 52.9 | 664 | 1.2 | 17 | 9320 | | | | | | | | | |
| | 60.0 | 586 | 1.4 | 15 | 8940 | | | | | | | | | |
| | 69.2 | 508 | 1.6 | 13 | 8530 | | | | | | | | | |
| | 81.8 | 430 | 1.8 | 11 | 8060 | | | | | | | | | |
| 112.5 | 312 | 1.9 | 8 | 7260 | | | | | | | | | | |
| 150.0 | 234 | 1.9 | 6 | 6590 | | | | | | | | | | |
| 40.0 | 879 | 0.9 | 35 | 10400 | 112M4C / 112M4D | 87 | 80 | 86 | 79 | 80 | 73 | 188-189 | | |
| 48.3 | 728 | 1.1 | 29 | 9740 | | | | | | | | | | |
| 56.0 | 628 | 1.3 | 25 | 9270 | | | | | | | | | | |
| 66.7 | 527 | 1.5 | 21 | 8740 | | | | | | | | | | |
| 82.4 | 427 | 1.8 | 17 | 8150 | | | | | | | | | | |
| 93.3 | 377 | 1.9 | 15 | 7810 | | | | | | | | | | |
| 107.7 | 326 | 2.3 | 13 | 7450 | | | | | | | | | | |
| 127.3 | 276 | 2.4 | 11 | 7040 | | | | | | | | | | |
| 175.0 | 201 | 2.5 | 8 | 6330 | | | | | | | | | | |
| 233.3 | 151 | 2.5 | 6 | 5760 | | | | | | | | | | |
| 80.0 | 439 | 0.9 | 35 | 8230 | 112M2B / 112M2C | 87 | 80 | 86 | 79 | 80 | 73 | 188-189 | | |
| 96.6 | 364 | 1.1 | 29 | 7730 | | | | | | | | | | |
| 112.0 | 314 | 1.3 | 25 | 7350 | | | | | | | | | | |
| 133.3 | 264 | 1.5 | 21 | 6930 | | | | | | | | | | |
| 164.7 | 213 | 1.8 | 17 | 6460 | | | | | | | | | | |
| 186.7 | 188 | 1.9 | 15 | 6200 | | | | | | | | | | |
| 215.4 | 163 | 2.3 | 13 | 5910 | | | | | | | | | | |
| 254.5 | 138 | 2.4 | 11 | 5590 | | | | | | | | | | |
| 350.0 | 100 | 2.5 | 8 | 5030 | | | | | | | | | | |
| 466.7 | 75 | 2.5 | 6 | 4570 | | | | | | | | | | |
| 52.9 | 664 | 0.8 | 17 | 8070 | 132M6A | 91 | 89 | 89 | 87 | 86 | 84 | 184-185 | | |
| 60.0 | 586 | 0.9 | 15 | 7750 | | | | | | | | | | |
| 69.2 | 508 | 0.9 | 13 | 7380 | | | | | | | | | | |
| 81.8 | 430 | 0.9 | 11 | 6980 | | | | | | | | | | |
| 112.5 | 312 | 1.3 | 8 | 6280 | | | | | | | | | | |
| 150.0 | 234 | 1.3 | 6 | 5710 | | | | | | | | | | |
| 56.0 | 628 | 0.8 | 25 | 8020 | 112M4C / 112M4D | 67 | 62 | 65 | 60 | 62 | 57 | 184-185 | | |
| 66.7 | 527 | 1.0 | 21 | 7570 | | | | | | | | | | |
| 82.4 | 427 | 1.2 | 17 | 7050 | | | | | | | | | | |
| 93.3 | 377 | 1.2 | 15 | 6770 | | | | | | | | | | |
| 107.7 | 326 | 1.2 | 13 | 6450 | | | | | | | | | | |
| 127.3 | 276 | 1.3 | 11 | 6100 | | | | | | | | | | |
| 175.0 | 201 | 1.7 | 8 | 5480 | | | | | | | | | | |
| 233.3 | 151 | 1.7 | 6 | 4980 | | | | | | | | | | |
| 112.0 | 314 | 0.8 | 25 | 6360 | | | | | | | | | 112M2B / 112M2C | 67 |
| 133.3 | 264 | 1.0 | 21 | 6000 | | | | | | | | | | |
| 164.7 | 213 | 1.2 | 17 | 5600 | | | | | | | | | | |
| 186.7 | 188 | 1.2 | 15 | 5370 | | | | | | | | | | |
| 215.4 | 163 | 1.2 | 13 | 5120 | | | | | | | | | | |
| 254.5 | 138 | 1.3 | 11 | 4840 | | | | | | | | | | |
| 350.0 | 100 | 1.7 | 8 | 4350 | | | | | | | | | | |




| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|-----------------|------|----|------|----|------|---|---------|--------|-----------------|------|---|------|---|---------|---|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | | |
| 4.00 |  | 611 | 56.0 | 628 | 0.8 | 25 | 8020 | 112M4C / 112M4D | 66 | 62 | 65 | 61 | 62 | 58 | 180-181 | | | | | | | | | |
| | | | 66.7 | 527 | 1.0 | 21 | 7570 | | | | | | | | | | | | | | | | | |
| | | | 82.4 | 427 | 1.2 | 17 | 7050 | | | | | | | | | | | | | | | | | |
| | | | 93.3 | 377 | 1.2 | 15 | 6770 | | | | | | | | | | | | | | | | | |
| | | | 107.7 | 326 | 1.2 | 13 | 6450 | | | | | | | | | | | | | | | | | |
| | | | 127.3 | 276 | 1.2 | 11 | 6100 | | | | | | | | | | | | | | | | | |
| | | | 175.0 | 201 | 1.2 | 8 | 5480 | | | | | | | | | | | | | | | | | |
| | | | 233.3 | 151 | 1.2 | 6 | 4980 | | | | | | | | | | | | | | | | | |
| | | 611 | 112.0 | 314 | 0.8 | 25 | 6690 | 112M2B / 112M2C | 66 | 62 | 65 | 61 | 62 | 58 | 180-181 | | | | | | | | | |
| | | | 133.3 | 264 | 1.0 | 21 | 6360 | | | | | | | | | | | | | | | | | |
| | | | 164.7 | 213 | 1.2 | 17 | 6000 | | | | | | | | | | | | | | | | | |
| | | | 186.7 | 188 | 1.2 | 15 | 5600 | | | | | | | | | | | | | | | | | |
| | | | 215.4 | 163 | 1.2 | 13 | 5360 | | | | | | | | | | | | | | | | | |
| | | | 254.5 | 138 | 1.2 | 11 | 5120 | | | | | | | | | | | | | | | | | |
| 350.0 | 100 | 1.2 | 8 | 4840 | | | | | | | | | | | | | | | | | | | | |
| 5.50 |  | 627/19 | 1.2 | 36109 | 1.6 | 731 | 192000 | 132M6B | 2573 | - | 2701 | - | 2390 | - | 378-379 | | | | | | | | | |
| | | | 1.4 | 32059 | 1.9 | 649 | 192000 | | | | | | | | | | | | | | | | | |
| | | | 1.6 | 27613 | 2.2 | 559 | 192000 | | | | | | | | | | | | | | | | | |
| | | | 1.9 | 23365 | 2.5 | 473 | 192000 | | | | | | | | | | | | | | | | | |
| | | 627/19 | 1.9 | 23213 | 2.6 | 731 | 192000 | 132S4A / 132S4B | 2573 | - | 2701 | - | 2390 | - | 378-379 | | | | | | | | | |
| | | | 2.2 | 20609 | 2.9 | 649 | 192000 | | | | | | | | | | | | | | | | | |
| | | | 2.5 | 17751 | 3.2 | 559 | 192000 | | | | | | | | | | | | | | | | | |
| | | | 3.0 | 15020 | 3.5 | 473 | 192000 | | | | | | | | | | | | | | | | | |
| | | 626/19 | 1.2 | 36109 | 1.1 | 731 | 271000 | 132M6B | 1433 | - | 1368 | - | 1265 | - | 374-375 | | | | | | | | | |
| | | | 1.4 | 32059 | 1.2 | 649 | 271000 | | | | | | | | | | | | | | | | | |
| | | | 1.6 | 27613 | 1.4 | 559 | 271000 | | | | | | | | | | | | | | | | | |
| | | | 1.9 | 23365 | 1.7 | 473 | 271000 | | | | | | | | | | | | | | | | | |
| | | | 2.4 | 18623 | 1.9 | 377 | 271000 | | | | | | | | | | | | | | | | | |
| | | | 2.5 | 17635 | 2.0 | 357 | 271000 | | | | | | | | | | | | | | | | | |
| | | | 2.8 | 15758 | 2.2 | 319 | 271000 | | | | | | | | | | | | | | | | | |
| | | | 3.3 | 13485 | 2.6 | 273 | 271000 | | | | | | | | | | | | | | | | | |
| | | | 626/19 | 1.9 | 23213 | 1.7 | 731 | | | | | | | | | 271000 | 132S4A / 132S4B | 1433 | - | 1368 | - | 1265 | - | 374-375 |
| | | | | 2.2 | 20609 | 1.9 | 649 | | | | | | | | | 271000 | | | | | | | | |
| | | | | 2.5 | 17751 | 2.2 | 559 | | | | | | | | | 271000 | | | | | | | | |
| | | | | 3.0 | 15020 | 2.6 | 473 | | | | | | | | | 271000 | | | | | | | | |
| | | 3.7 | | 11972 | 2.9 | 377 | 264000 | | | | | | | | | | | | | | | | | |
| | | 4.4 | | 10130 | 3.2 | 319 | 258000 | | | | | | | | | | | | | | | | | |
| | | 5.1 | | 8669 | 3.5 | 273 | 254000 | | | | | | | | | | | | | | | | | |
| | | 7.4 | | 5977 | 4.0 | 211 | 240000 | | | | | | | | | | | | | | | | | |
| | | 625/19 | 1.2 | 36109 | 0.8 | 731 | 253000 | 132M6B | 1177 | - | 1085 | - | 1020 | - | 370-371 | | | | | | | | | |
| | | | 1.4 | 32059 | 0.9 | 649 | 253000 | | | | | | | | | | | | | | | | | |
| | | | 1.6 | 27613 | 1.1 | 559 | 253000 | | | | | | | | | | | | | | | | | |
| | | | 1.9 | 23365 | 1.3 | 473 | 253000 | | | | | | | | | | | | | | | | | |
| | | | 2.4 | 18623 | 1.4 | 377 | 245000 | | | | | | | | | | | | | | | | | |
| | | | 2.5 | 17635 | 1.5 | 357 | 241000 | | | | | | | | | | | | | | | | | |
| 2.8 | 15758 | | 1.6 | 319 | 233000 | | | | | | | | | | | | | | | | | | | |
| 3.3 | 13485 | | 1.9 | 273 | 224000 | | | | | | | | | | | | | | | | | | | |
| 3.9 | 11411 | | 2.3 | 231 | 213000 | | | | | | | | | | | | | | | | | | | |
| 4.6 | 9632 | | 2.4 | 195 | 203000 | | | | | | | | | | | | | | | | | | | |
| 5.5 | 8150 | | 2.8 | 165 | 194000 | | | | | | | | | | | | | | | | | | | |
| 7.4 | 5977 | | 3.0 | 121 | 177000 | | | | | | | | | | | | | | | | | | | |
| 625/19 | 1.9 | | 23213 | 1.3 | 731 | 253000 | 132S4A / 132S4B | | | | | | | | | 1177 | - | 1085 | - | 1020 | - | 370-371 | | |
| | 2.2 | | 20609 | 1.4 | 649 | 253000 | | | | | | | | | | | | | | | | | | |
| | 2.5 | | 17751 | 1.7 | 559 | 244000 | | | | | | | | | | | | | | | | | | |
| | 3.0 | | 15020 | 2.0 | 473 | 232000 | | | | | | | | | | | | | | | | | | |
| | 3.7 | 11972 | 2.2 | 377 | 219000 | | | | | | | | | | | | | | | | | | | |
| | 3.9 | 11337 | 2.3 | 357 | 215000 | | | | | | | | | | | | | | | | | | | |
| | 4.4 | 10130 | 2.6 | 319 | 208000 | | | | | | | | | | | | | | | | | | | |
| | 5.1 | 8669 | 3.0 | 273 | 199000 | | | | | | | | | | | | | | | | | | | |
| | 625/17 | 1.2 | 36109 | 0.8 | 731 | 253000 | | 132M6B | 1089 | - | 997 | - | 932 | - | 366-367 | | | | | | | | | |
| | | 1.4 | 32059 | 0.9 | 649 | 253000 | | | | | | | | | | | | | | | | | | |
| 1.6 | | 27613 | 1.1 | 559 | 253000 | | | | | | | | | | | | | | | | | | | |
| 1.9 | | 23365 | 1.3 | 473 | 253000 | | | | | | | | | | | | | | | | | | | |
| 2.4 | | 18623 | 1.4 | 377 | 245000 | | | | | | | | | | | | | | | | | | | |
| 2.5 | | 17635 | 1.5 | 357 | 241000 | | | | | | | | | | | | | | | | | | | |
| 2.8 | | 15758 | 1.6 | 319 | 233000 | | | | | | | | | | | | | | | | | | | |
| 3.3 | | 13485 | 1.9 | 273 | 224000 | | | | | | | | | | | | | | | | | | | |
| 3.9 | | 11411 | 2.3 | 231 | 213000 | | | | | | | | | | | | | | | | | | | |
| 4.6 | | 9632 | 2.4 | 195 | 203000 | | | | | | | | | | | | | | | | | | | |
| 5.5 | | 8150 | 2.8 | 165 | 194000 | | | | | | | | | | | | | | | | | | | |
| 7.4 | | 5977 | 3.0 | 121 | 177000 | | | | | | | | | | | | | | | | | | | |
| 625/17 | | 1.9 | 23213 | 1.3 | 731 | 253000 | 132S4A / 132S4B | | | | | | | | | 1089 | - | 997 | - | 932 | - | 366-367 | | |
| | | 2.2 | 20609 | 1.4 | 649 | 253000 | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|-----------------|-----------------|-----|-----|-----|-----|---|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | |
| 5.50 | 625/17 | 1.9 | 23213 | 1.3 | 731 | 253000 | 132S4A / 132S4B | 1089 | - | 997 | - | 932 | - | 366-367 | | |
| | | 2.2 | 20609 | 1.4 | 649 | 253000 | | | | | | | | | | |
| | | 2.5 | 17751 | 1.7 | 559 | 244000 | | | | | | | | | | |
| | | 3.0 | 15020 | 2.0 | 473 | 232000 | | | | | | | | | | |
| | | 3.7 | 11972 | 2.2 | 377 | 219000 | | | | | | | | | | |
| | | 3.9 | 11337 | 2.3 | 357 | 215000 | | | | | | | | | | |
| | | 4.4 | 10130 | 2.6 | 319 | 208000 | | | | | | | | | | |
| | 5.1 | 8669 | 3.0 | 273 | 199000 | | | | | | | | | | | |
| | 624/18 | 624/18 | 1.6 | 27613 | 0.8 | 559 | 204000 | 132M6B | 766 | - | 720 | - | 699 | - | 362-363 | |
| | | | 1.9 | 23365 | 1.0 | 473 | 204000 | | | | | | | | | |
| | | | 2.4 | 18623 | 1.1 | 377 | 200000 | | | | | | | | | |
| | | | 2.5 | 17635 | 1.1 | 357 | 197000 | | | | | | | | | |
| | | | 2.8 | 15758 | 1.3 | 319 | 190000 | | | | | | | | | |
| | | | 3.3 | 13485 | 1.5 | 273 | 181000 | | | | | | | | | |
| | | | 3.9 | 11411 | 1.8 | 231 | 173000 | | | | | | | | | |
| | | 4.6 | 9632 | 1.8 | 195 | 164000 | | | | | | | | | | |
| | | 5.5 | 8150 | 2.2 | 165 | 156000 | | | | | | | | | | |
| | | 7.4 | 5977 | 2.3 | 121 | 142000 | | | | | | | | | | |
| | | 624/16 | 624/18 | 1.9 | 23213 | 1.0 | 731 | 204000 | 132S4A / 132S4B | 766 | - | 720 | - | 699 | - | 362-363 |
| | | | | 2.2 | 20609 | 1.1 | 649 | 204000 | | | | | | | | |
| | | | | 2.5 | 17751 | 1.3 | 559 | 199000 | | | | | | | | |
| | | | | 3.0 | 15020 | 1.5 | 473 | 189000 | | | | | | | | |
| | 3.7 | | | 11972 | 1.7 | 377 | 176000 | | | | | | | | | |
| | 3.9 | | | 11337 | 1.8 | 357 | 175000 | | | | | | | | | |
| | 4.4 | | | 10130 | 2.0 | 319 | 169000 | | | | | | | | | |
| | 5.1 | | 8669 | 2.3 | 273 | 161000 | | | | | | | | | | |
| | 6.1 | | 7335 | 2.8 | 231 | 153000 | | | | | | | | | | |
| | 7.2 | | 6192 | 2.9 | 195 | 145000 | | | | | | | | | | |
| | 623/18 | | 624/18 | 3.8 | 11606 | 1.9 | 731 | 175000 | 132S2B / 132S2C | 766 | - | 720 | - | 699 | - | 362-363 |
| | | | | 4.3 | 10305 | 1.8 | 649 | 170000 | | | | | | | | |
| | | | | 5.0 | 8876 | 2.2 | 559 | 162000 | | | | | | | | |
| | | | | 5.9 | 7510 | 2.5 | 473 | 154000 | | | | | | | | |
| | | 7.4 | | 5986 | 2.8 | 377 | 144000 | | | | | | | | | |
| | | 7.8 | | 5668 | 2.6 | 357 | 141000 | | | | | | | | | |
| | | 10.3 | | 4335 | 2.9 | 273 | 130000 | | | | | | | | | |
| | | 14.4 | 3096 | 2.9 | 195 | 118000 | | | | | | | | | | |
| | | 623/18 | 624/16 | 1.6 | 27613 | 0.8 | 559 | 204000 | 132M6B | 727 | 719 | 681 | 673 | 660 | 652 | 358-359 |
| | | | | 1.9 | 23365 | 1.0 | 473 | 204000 | | | | | | | | |
| | | | | 2.4 | 18623 | 1.1 | 377 | 200000 | | | | | | | | |
| | | | | 2.5 | 17635 | 1.1 | 357 | 197000 | | | | | | | | |
| | | | | 2.8 | 15758 | 1.3 | 319 | 190000 | | | | | | | | |
| | | | | 3.3 | 13485 | 1.5 | 273 | 181000 | | | | | | | | |
| 3.9 | 11411 | | | 1.8 | 231 | 173000 | | | | | | | | | | |
| 4.6 | 9632 | | 1.8 | 195 | 164000 | | | | | | | | | | | |
| 5.5 | 8150 | | 2.2 | 165 | 156000 | | | | | | | | | | | |
| 7.4 | 5977 | | 2.3 | 121 | 142000 | | | | | | | | | | | |
| 623/18 | 624/16 | | 1.9 | 23213 | 1.0 | 731 | 204000 | 132S4A / 132S4B | 727 | 719 | 681 | 673 | 660 | 652 | 358-359 | |
| | | | 2.2 | 20609 | 1.1 | 649 | 204000 | | | | | | | | | |
| | | | 2.5 | 17751 | 1.3 | 559 | 199000 | | | | | | | | | |
| | | | 3.0 | 15020 | 1.5 | 473 | 189000 | | | | | | | | | |
| | | 3.7 | 11972 | 1.7 | 377 | 176000 | | | | | | | | | | |
| | | 3.9 | 11337 | 1.8 | 357 | 175000 | | | | | | | | | | |
| | | 4.4 | 10130 | 2.0 | 319 | 169000 | | | | | | | | | | |
| | 5.1 | 8669 | 2.3 | 273 | 161000 | | | | | | | | | | | |
| | 6.1 | 7335 | 2.8 | 231 | 153000 | | | | | | | | | | | |
| | 7.2 | 6192 | 2.9 | 195 | 145000 | | | | | | | | | | | |
| | 623/18 | 623/18 | 3.8 | 11606 | 1.9 | 731 | 175000 | 132S2B / 132S2C | 727 | 719 | 681 | 673 | 660 | 652 | 358-359 | |
| | | | 4.3 | 10305 | 1.8 | 649 | 170000 | | | | | | | | | |
| | | | 5.0 | 8876 | 2.2 | 559 | 162000 | | | | | | | | | |
| | | | 5.9 | 7510 | 2.5 | 473 | 154000 | | | | | | | | | |
| 7.4 | | | 5986 | 2.8 | 377 | 144000 | | | | | | | | | | |
| 7.8 | | | 5668 | 2.6 | 357 | 141000 | | | | | | | | | | |
| 10.3 | | | 4335 | 2.9 | 273 | 130000 | | | | | | | | | | |
| 14.4 | 3096 | 2.9 | 195 | 118000 | | | | | | | | | | | | |
| 623/18 | 623/18 | 2.4 | 18623 | 0.9 | 377 | 175000 | 132M6B | 661 | - | 632 | - | 588 | - | 354-355 | | |
| | | 2.5 | 17635 | 0.9 | 357 | 175000 | | | | | | | | | | |
| | | 2.8 | 15758 | 1.0 | 319 | 171000 | | | | | | | | | | |
| | | 3.3 | 13485 | 1.2 | 273 | 163000 | | | | | | | | | | |
| | | 3.9 | 11411 | 1.4 | 231 | 155000 | | | | | | | | | | |
| | | 4.6 | 9632 | 1.4 | 195 | 147000 | | | | | | | | | | |
| | | 5.5 | 8150 | 1.7 | 165 | 140000 | | | | | | | | | | |
| 7.4 | 5977 | 1.9 | 121 | 127000 | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | |
|------------------------|---------------|--|------------------------|----------------|------------------|-------------------------|------------------------|---------------|-----|-----|-----|-----|-----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | |
| 5.50 | 623/18 | 2.2 | 20609 | 0.9 | 649 | 175000 | 132S4A / 132S4B | 661 | - | 632 | - | 588 | - | 354-355 | |
| | | 2.5 | 17751 | 1.0 | 559 | 175000 | | | | | | | | | |
| | | 3.0 | 15020 | 1.2 | 473 | 170000 | | | | | | | | | |
| | | 3.7 | 11972 | 1.3 | 377 | 159000 | | | | | | | | | |
| | | 3.9 | 11337 | 1.4 | 357 | 156000 | | | | | | | | | |
| | | 4.4 | 10130 | 1.6 | 319 | 151000 | | | | | | | | | |
| | | 5.1 | 8669 | 1.8 | 273 | 144000 | | | | | | | | | |
| | | 6.1 | 7335 | 2.2 | 231 | 137000 | | | | | | | | | |
| | | 7.2 | 6192 | 2.2 | 195 | 130000 | | | | | | | | | |
| | | 8.5 | 5240 | 2.7 | 165 | 124000 | | | | | | | | | |
| | | 11.6 | 3842 | 2.9 | 121 | 113000 | | | | | | | | | |
| | | 3.8 | 11606 | 1.4 | 731 | 157000 | | | | | | | | | |
| | | 4.3 | 10305 | 1.4 | 649 | 152000 | | | | | | | | | |
| | | 5.0 | 8876 | 1.7 | 559 | 145000 | | | | | | | | | |
| | | 5.9 | 7510 | 2.0 | 473 | 138000 | | | | | | | | | |
| | | 7.4 | 5986 | 2.2 | 377 | 128000 | | | | | | | | | |
| | | 7.8 | 5668 | 2.6 | 357 | 126000 | | | | | | | | | |
| | | 8.8 | 5065 | 2.4 | 319 | 123000 | | | | | | | | | |
| | 10.3 | 4335 | 2.9 | 273 | 117000 | | | | | | | | | | |
| | 14.4 | 3096 | 2.9 | 195 | 106000 | | | | | | | | | | |
| | 623/16 | | 2.4 | 18623 | 0.9 | 377 | 175000 | 132M6B | 622 | 611 | 593 | 582 | 549 | 538 | 350-351 |
| | | | 2.5 | 17635 | 0.9 | 357 | 175000 | | | | | | | | |
| | | | 2.8 | 15758 | 1.0 | 319 | 171000 | | | | | | | | |
| | | | 3.3 | 13485 | 1.2 | 273 | 163000 | | | | | | | | |
| | | | 3.9 | 11411 | 1.4 | 231 | 155000 | | | | | | | | |
| | | | 4.6 | 9632 | 1.4 | 195 | 147000 | | | | | | | | |
| | | | 5.5 | 8150 | 1.7 | 165 | 140000 | | | | | | | | |
| | | | 7.4 | 5977 | 1.9 | 121 | 127000 | | | | | | | | |
| | | | 2.2 | 20609 | 0.9 | 649 | 175000 | | | | | | | | |
| | | 2.5 | 17751 | 1.0 | 559 | 175000 | | | | | | | | | |
| | | 3.0 | 15020 | 1.2 | 473 | 170000 | | | | | | | | | |
| | | 3.7 | 11972 | 1.3 | 377 | 159000 | | | | | | | | | |
| | | 3.9 | 11337 | 1.4 | 357 | 156000 | | | | | | | | | |
| | | 4.4 | 10130 | 1.6 | 319 | 151000 | | | | | | | | | |
| | | 5.1 | 8669 | 1.8 | 273 | 144000 | | | | | | | | | |
| | | 6.1 | 7335 | 2.2 | 231 | 137000 | | | | | | | | | |
| | | 7.2 | 6192 | 2.2 | 195 | 130000 | | | | | | | | | |
| | | 8.5 | 5240 | 2.7 | 165 | 124000 | | | | | | | | | |
| | 11.6 | 3842 | 2.9 | 121 | 113000 | | | | | | | | | | |
| | 622/17 | | 3.3 | 13485 | 0.9 | 273 | 130000 | 132M6B | 552 | - | 539 | - | 509 | - | 346-347 |
| | | | 3.9 | 11411 | 1.1 | 231 | 125000 | | | | | | | | |
| | | | 4.6 | 9632 | 1.2 | 195 | 119000 | | | | | | | | |
| | | | 5.5 | 8150 | 1.4 | 165 | 113000 | | | | | | | | |
| | | | 7.4 | 5977 | 1.6 | 121 | 102000 | | | | | | | | |
| | | | 3.0 | 15020 | 0.9 | 473 | 136000 | | | | | | | | |
| | | 3.7 | 11972 | 1.0 | 377 | 127000 | | | | | | | | | |
| | | 3.9 | 11337 | 1.1 | 357 | 125000 | | | | | | | | | |
| | | 4.4 | 10130 | 1.2 | 319 | 122000 | | | | | | | | | |
| 5.1 | | 8669 | 1.4 | 273 | 116000 | | | | | | | | | | |
| 6.1 | | 7335 | 1.7 | 231 | 110000 | | | | | | | | | | |
| 7.2 | | 6192 | 1.8 | 195 | 105000 | | | | | | | | | | |
| 8.5 | | 5240 | 2.1 | 165 | 100000 | | | | | | | | | | |
| 11.6 | | 3842 | 2.4 | 121 | 90700 | | | | | | | | | | |
| 622/13 | | | 3.3 | 13485 | 0.9 | 273 | 130000 | 132M6B | 499 | 493 | 486 | 480 | 456 | 450 | 342-343 |
| | | | 3.9 | 11411 | 1.1 | 231 | 125000 | | | | | | | | |
| | | | 4.6 | 9632 | 1.1 | 195 | 119000 | | | | | | | | |
| | | | 5.5 | 8150 | 1.2 | 165 | 113000 | | | | | | | | |
| | 7.4 | | 5977 | 1.2 | 121 | 102000 | | | | | | | | | |
| | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------------|-------------------------|--|------|-----|-----|-----|---------|---------|---|------------------------|-----|-----|-----|-----|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 5.50 | 622/13 | 3.0 | 15020 | 0.9 | 473 | 136000 | 132S4A / 132S4B | 499 | 493 | 486 | 480 | 456 | 450 | 342-343 | | | | | | | | |
| | | 3.7 | 11972 | 1.0 | 377 | 127000 | | | | | | | | | | | | | | | | |
| | | 3.9 | 11337 | 1.1 | 357 | 125000 | | | | | | | | | | | | | | | | |
| | | 4.4 | 10130 | 1.2 | 319 | 122000 | | | | | | | | | | | | | | | | |
| | | 5.1 | 8669 | 1.4 | 273 | 116000 | | | | | | | | | | | | | | | | |
| | | 6.1 | 7335 | 1.7 | 231 | 110000 | | | | | | | | | | | | | | | | |
| | | 7.2 | 6192 | 1.6 | 195 | 105000 | | | | | | | | | | | | | | | | |
| | | 8.5 | 5240 | 1.7 | 165 | 100000 | | | | | | | | | | | | | | | | |
| | | 11.6 | 3842 | 1.7 | 121 | 90700 | | | | | | | | | | | | | | | | |
| | | 3.8 | 11606 | 1.2 | 731 | 126000 | | | | | | | | | 132S2B / 132S2C | 499 | 493 | 486 | 480 | 456 | 450 | 342-343 |
| | | 4.3 | 10305 | 1.2 | 649 | 122000 | | | | | | | | | | | | | | | | |
| | | 5.0 | 8876 | 1.4 | 559 | 117000 | | | | | | | | | | | | | | | | |
| | | 5.9 | 7510 | 1.7 | 473 | 111000 | | | | | | | | | | | | | | | | |
| | | 7.4 | 5986 | 1.6 | 377 | 104000 | | | | | | | | | | | | | | | | |
| | 7.8 | 5668 | 1.2 | 357 | 102000 | | | | | | | | | | | | | | | | | |
| | 8.8 | 5065 | 1.7 | 319 | 99000 | | | | | | | | | | | | | | | | | |
| | 10.3 | 4335 | 1.6 | 273 | 94000 | | | | | | | | | | | | | | | | | |
| | 12.1 | 3668 | 1.7 | 231 | 89400 | | | | | | | | | | | | | | | | | |
| | 14.4 | 3096 | 1.6 | 195 | 85000 | | | | | | | | | | | | | | | | | |
| | 17.0 | 2620 | 1.7 | 165 | 80900 | | | | | | | | | | | | | | | | | |
| | 23.1 | 1921 | 1.7 | 121 | 73600 | | | | | | | | | | | | | | | | | |
| | 3.9 | 11411 | 0.8 | 231 | 84400 | 132M6B | 447 | 438 | 425 | 416 | 406 | 397 | 338-339 | | | | | | | | | |
| | 4.6 | 9632 | 0.9 | 195 | 84400 | | | | | | | | | | | | | | | | | |
| | 5.5 | 8150 | 1.0 | 165 | 84400 | | | | | | | | | | | | | | | | | |
| | 7.4 | 5977 | 1.2 | 121 | 84400 | | | | | | | | | | | | | | | | | |
| | 3.8 | 11606 | 1.0 | 731 | 67800 | 132S2B / 132S2C | 447 | 438 | 425 | 416 | 406 | 397 | 338-339 | | | | | | | | | |
| | 4.3 | 10305 | 0.9 | 649 | 67800 | | | | | | | | | | | | | | | | | |
| | 5.0 | 8876 | 1.1 | 559 | 67800 | | | | | | | | | | | | | | | | | |
| | 5.9 | 7510 | 1.2 | 473 | 67800 | | | | | | | | | | | | | | | | | |
| | 7.4 | 5986 | 1.4 | 377 | 67800 | | | | | | | | | | | | | | | | | |
| | 7.8 | 5668 | 1.2 | 357 | 67800 | | | | | | | | | | | | | | | | | |
| | 8.8 | 5065 | 1.5 | 319 | 67800 | | | | | | | | | | | | | | | | | |
| | 10.3 | 4335 | 1.6 | 273 | 67800 | | | | | | | | | | | | | | | | | |
| | 12.1 | 3668 | 1.7 | 231 | 66700 | | | | | | | | | | | | | | | | | |
| | 14.4 | 3096 | 1.6 | 195 | 63400 | | | | | | | | | | | | | | | | | |
| | 17.0 | 2620 | 1.7 | 165 | 60300 | | | | | | | | | | | | | | | | | |
| | 23.1 | 1921 | 1.7 | 121 | 54900 | | | | | | | | | | | | | | | | | |
| | 3.9 | 11411 | 0.8 | 231 | 84400 | | | | | | | | | 132M6B | 424 | 418 | 402 | 396 | 383 | 377 | 334-335 | |
| | 4.6 | 9632 | 0.9 | 195 | 84400 | | | | | | | | | | | | | | | | | |
| | 5.5 | 8150 | 1.0 | 165 | 84400 | | | | | | | | | | | | | | | | | |
| | 7.4 | 5977 | 1.2 | 121 | 84400 | | | | | | | | | | | | | | | | | |
| | 3.9 | 11337 | 0.8 | 357 | 84400 | 132S4A / 132S4B | 424 | 418 | 402 | 396 | 383 | 377 | 334-335 | | | | | | | | | |
| 4.4 | 10130 | 0.9 | 319 | 84400 | | | | | | | | | | | | | | | | | | |
| 5.1 | 8669 | 1.1 | 273 | 84400 | | | | | | | | | | | | | | | | | | |
| 6.1 | 7335 | 1.3 | 231 | 84400 | | | | | | | | | | | | | | | | | | |
| 7.2 | 6192 | 1.3 | 195 | 84400 | | | | | | | | | | | | | | | | | | |
| 8.5 | 5240 | 1.6 | 165 | 84400 | | | | | | | | | | | | | | | | | | |
| 11.6 | 3842 | 1.7 | 121 | 84400 | | | | | | | | | | | | | | | | | | |
| 3.8 | 11606 | 1.0 | 731 | 67800 | 132S2B / 132S2C | | | | | | | | | 424 | 418 | 402 | 396 | 383 | 377 | 334-335 | | |
| 4.3 | 10305 | 0.9 | 649 | 67800 | | | | | | | | | | | | | | | | | | |
| 5.0 | 8876 | 1.1 | 559 | 67800 | | | | | | | | | | | | | | | | | | |
| 5.9 | 7510 | 1.2 | 473 | 67800 | | | | | | | | | | | | | | | | | | |
| 7.4 | 5986 | 1.4 | 377 | 67800 | | | | | | | | | | | | | | | | | | |
| 7.8 | 5668 | 1.2 | 357 | 67800 | | | | | | | | | | | | | | | | | | |
| 8.8 | 5065 | 1.5 | 319 | 67800 | | | | | | | | | | | | | | | | | | |
| 10.3 | 4335 | 1.6 | 273 | 67800 | | | | | | | | | | | | | | | | | | |
| 12.1 | 3668 | 1.7 | 231 | 66700 | | | | | | | | | | | | | | | | | | |
| 14.4 | 3096 | 1.6 | 195 | 63400 | | | | | | | | | | | | | | | | | | |
| 17.0 | 2620 | 1.7 | 165 | 60300 | | | | | | | | | | | | | | | | | | |
| 23.1 | 1921 | 1.7 | 121 | 54900 | | | | | | | | | | | | | | | | | | |
| 5.5 | 8150 | 0.8 | 165 | 67800 | | 132M6B | 344 | 337 | 332 | 325 | 317 | 310 | 330-331 | | | | | | | | | |
| 7.4 | 5977 | 0.9 | 121 | 67800 | | | | | | | | | | | | | | | | | | |
| 5.1 | 8669 | 0.8 | 273 | 67800 | 132S4A / 132S4B | 344 | 337 | 332 | 325 | 317 | 310 | 330-331 | | | | | | | | | | |
| 6.1 | 7335 | 1.0 | 231 | 67800 | | | | | | | | | | | | | | | | | | |
| 7.2 | 6192 | 1.1 | 195 | 67800 | | | | | | | | | | | | | | | | | | |
| 8.5 | 5240 | 1.3 | 165 | 67800 | | | | | | | | | | | | | | | | | | |
| 11.6 | 3842 | 1.4 | 121 | 67800 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | |
|------------------------|------------------------|--|------------------------|----------------|------------------|-------------------------|------------------------|---------------|-----|-----|-----|-----|-----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | |
| 5.50 | 620/13 | 5.0 | 8876 | 0.9 | 559 | 67800 | 132S2B / 132S2C | 344 | 337 | 332 | 325 | 317 | 310 | 330-331 | |
| | | 5.9 | 7510 | 1.0 | 473 | 67800 | | | | | | | | | |
| | | 7.4 | 5986 | 1.1 | 377 | 67800 | | | | | | | | | |
| | | 7.8 | 5668 | 1.2 | 357 | 67800 | | | | | | | | | |
| | | 8.8 | 5065 | 1.2 | 319 | 67800 | | | | | | | | | |
| | | 10.3 | 4335 | 1.6 | 273 | 67800 | | | | | | | | | |
| | | 12.1 | 3668 | 1.7 | 231 | 66700 | | | | | | | | | |
| | | 14.4 | 3096 | 1.6 | 195 | 63400 | | | | | | | | | |
| | | 17.0 | 2620 | 1.7 | 165 | 60300 | | | | | | | | | |
| | 23.1 | 1921 | 1.7 | 121 | 54900 | | | | | | | | | | |
| | 619/13 | | 5.5 | 8150 | 0.8 | 165 | 51000 | 132M6B | 319 | 315 | 304 | 300 | 274 | 270 | 322-323 |
| | | | 6.3 | 7064 | 1.0 | 143 | 51000 | | | | | | | | |
| | | | 7.4 | 5977 | 0.9 | 121 | 51000 | | | | | | | | |
| | | | 8.7 | 5137 | 1.2 | 104 | 51000 | | | | | | | | |
| | | | 132S4A / 132S4B | 5.1 | 8669 | 0.8 | 273 | 51000 | | | | | | | |
| | | | | 6.1 | 7335 | 1.0 | 231 | 51000 | | | | | | | |
| | | | | 7.2 | 6192 | 1.0 | 195 | 51000 | | | | | | | |
| | | | | 8.5 | 5240 | 1.3 | 165 | 51000 | | | | | | | |
| | | | | 9.8 | 4541 | 1.3 | 143 | 51000 | | | | | | | |
| | | | 132S2B / 132S2C | 11.6 | 3842 | 1.4 | 121 | 51000 | | | | | | | |
| | | | | 13.5 | 3303 | 1.6 | 104 | 51000 | | | | | | | |
| | | | | 5.3 | 8336 | 0.9 | 525 | 51000 | | | | | | | |
| | | | | 6.6 | 6748 | 1.1 | 425 | 51000 | | | | | | | |
| | | | 132S2B / 132S2C | 7.4 | 5986 | 1.0 | 377 | 51000 | | | | | | | |
| | | | | 7.8 | 5668 | 1.2 | 357 | 51000 | | | | | | | |
| | | | | 8.8 | 5065 | 1.1 | 319 | 51000 | | | | | | | |
| | | | | 10.3 | 4335 | 1.4 | 273 | 51000 | | | | | | | |
| | | | | 12.1 | 3668 | 1.6 | 231 | 51000 | | | | | | | |
| | 14.4 | | | 3096 | 1.6 | 195 | 51000 | | | | | | | | |
| | 17.0 | | | 2620 | 1.7 | 165 | 49700 | | | | | | | | |
| | 19.6 | | | 2270 | 1.7 | 143 | 47400 | | | | | | | | |
| | 23.1 | | | 1921 | 1.7 | 121 | 44800 | | | | | | | | |
| | 26.9 | | | 1651 | 1.7 | 104 | 42500 | | | | | | | | |
| | 619 | 132M6B | 10.3 | 4671 | 1.6 | 87 | 51000 | | | | | | | | |
| | | | 12.7 | 3812 | 1.8 | 71 | 51000 | | | | | | | | |
| | | | 15.3 | 3168 | 2.1 | 59 | 50900 | | | | | | | | |
| 17.6 | | | 2738 | 2.4 | 51 | 48400 | | | | | | | | | |
| 132S4A / 132S4B | | 20.9 | 2309 | 2.8 | 43 | 45800 | | | | | | | | | |
| | | 16.1 | 3003 | 2.1 | 87 | 50600 | | | | | | | | | |
| 618/13 | 132S4A / 132S4B | 19.7 | 2451 | 2.4 | 71 | 47300 | | | | | | | | | |
| | | 23.7 | 2036 | 2.7 | 59 | 44400 | | | | | | | | | |
| | | 9.8 | 4541 | 0.9 | 143 | 36600 | | | | | | | | | |
| | 132S2B / 132S2C | 11.6 | 3842 | 0.9 | 121 | 36600 | | | | | | | | | |
| | | 13.5 | 3303 | 1.2 | 104 | 36600 | | | | | | | | | |
| | | 10.3 | 4335 | 0.9 | 273 | 36600 | | | | | | | | | |
| 12.1 | | 3668 | 1.1 | 231 | 36600 | | | | | | | | | | |
| 14.4 | | 3096 | 1.3 | 195 | 36600 | | | | | | | | | | |
| 17.0 | | 2620 | 1.4 | 165 | 35500 | | | | | | | | | | |
| 19.6 | | 2270 | 1.7 | 143 | 33800 | | | | | | | | | | |
| 618 | 132M6B | 23.1 | 1921 | 1.7 | 121 | 32100 | | | | | | | | | |
| | | 26.9 | 1651 | 1.7 | 104 | 30500 | | | | | | | | | |
| | | 10.3 | 4671 | 0.9 | 87 | 36600 | | | | | | | | | |
| | | 12.7 | 3812 | 1.1 | 71 | 36600 | | | | | | | | | |
| | | 15.3 | 3168 | 1.3 | 59 | 36400 | | | | | | | | | |
| | | 17.6 | 2738 | 1.6 | 51 | 34600 | | | | | | | | | |
| | 132S4A / 132S4B | 20.9 | 2309 | 1.9 | 43 | 32700 | | | | | | | | | |
| | | 25.7 | 1879 | 2.3 | 35 | 30500 | | | | | | | | | |
| | | 31.0 | 1557 | 2.5 | 29 | 28700 | | | | | | | | | |
| | | 16.1 | 3003 | 1.3 | 87 | 36200 | | | | | | | | | |
| | | 19.7 | 2451 | 1.5 | 71 | 33700 | | | | | | | | | |
| | | 23.7 | 2036 | 1.7 | 59 | 31800 | | | | | | | | | |
| 617 | 132M6B | 27.5 | 1760 | 2.1 | 51 | 30300 | | | | | | | | | |
| | | 32.6 | 1484 | 2.7 | 43 | 28500 | | | | | | | | | |
| | | 15.3 | 3168 | 0.9 | 59 | 27000 | | | | | | | | | |
| | 132M6B | 17.6 | 2738 | 1.1 | 51 | 25800 | | | | | | | | | |
| | | 20.9 | 2309 | 1.3 | 43 | 24300 | | | | | | | | | |
| | | 25.7 | 1879 | 1.6 | 35 | 22700 | | | | | | | | | |
| | | 31.0 | 1557 | 1.9 | 29 | 21400 | | | | | | | | | |
| | | 36.0 | 1342 | 2.1 | 25 | 20300 | | | | | | | | | |
| | | 42.9 | 1128 | 2.5 | 21 | 19200 | | | | | | | | | |
| | | 52.9 | 913 | 2.6 | 17 | 17800 | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|-----------------|-----------------|-----|-----|-----|-----|---|---------|---------|-------|-----------------|-----|-----|-----|----|-----|----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | | | |
| 5.50 | 617 | 16.1 | 3003 | 0.9 | 87 | 26900 | 132S4A / 132S4B | 202 | - | 202 | - | 173 | - | 204-205 | | | | | | | | | | | |
| | | 19.7 | 2451 | 1.1 | 71 | 25100 | | | | | | | | | | | | | | | | | | | |
| | | 23.7 | 2036 | 1.3 | 59 | 23600 | | | | | | | | | | | | | | | | | | | |
| | | 27.5 | 1760 | 1.5 | 51 | 22500 | | | | | | | | | | | | | | | | | | | |
| | | 32.6 | 1484 | 1.7 | 43 | 21300 | | | | | | | | | | | | | | | | | | | |
| | | 40.0 | 1208 | 2.3 | 35 | 19900 | | | | | | | | | | | | | | | | | | | |
| | | 48.3 | 1001 | 2.6 | 29 | 18600 | | | | | | | | | | | | | | | | | | | |
| | 56.0 | 863 | 2.8 | 25 | 17700 | | | | | | | | | | | | | | | | | | | | |
| | 616 | 616 | 20.9 | 2309 | 0.9 | 43 | 19200 | 132M6B | 157 | 147 | 152 | 142 | 139 | 129 | 200-201 | | | | | | | | | | |
| | | | 25.7 | 1879 | 1.0 | 35 | 19100 | | | | | | | | | | | | | | | | | | |
| | | | 31.0 | 1557 | 1.3 | 29 | 17900 | | | | | | | | | | | | | | | | | | |
| | | | 36.0 | 1342 | 1.5 | 25 | 17200 | | | | | | | | | | | | | | | | | | |
| | | | 42.9 | 1128 | 1.7 | 21 | 16200 | | | | | | | | | | | | | | | | | | |
| | | | 52.9 | 913 | 2.1 | 17 | 15100 | | | | | | | | | | | | | | | | | | |
| | | | 60.0 | 805 | 2.0 | 15 | 14400 | | | | | | | | | | | | | | | | | | |
| | | 69.2 | 698 | 2.3 | 13 | 13800 | | | | | | | | | | | | | | | | | | | |
| | | 81.8 | 591 | 2.7 | 11 | 13000 | | | | | | | | | | | | | | | | | | | |
| | | 112.5 | 430 | 2.7 | 8 | 11800 | | | | | | | | | | | | | | | | | | | |
| | | 616 | 616 | 23.7 | 2036 | 0.9 | 59 | 19200 | 132S4A / 132S4B | 157 | 147 | 152 | 142 | 139 | 129 | 200-201 | | | | | | | | | |
| | | | | 27.5 | 1760 | 1.0 | 51 | 18900 | | | | | | | | | | | | | | | | | |
| | | | | 32.6 | 1484 | 1.2 | 43 | 17900 | | | | | | | | | | | | | | | | | |
| | | | | 40.0 | 1208 | 1.6 | 35 | 16800 | | | | | | | | | | | | | | | | | |
| | | | | 48.3 | 1001 | 1.8 | 29 | 15700 | | | | | | | | | | | | | | | | | |
| | 56.0 | | | 863 | 2.1 | 25 | 15000 | | | | | | | | | | | | | | | | | | |
| | 66.7 | | | 725 | 2.4 | 21 | 14100 | | | | | | | | | | | | | | | | | | |
| | 82.4 | | | 587 | 2.7 | 17 | 13100 | | | | | | | | | | | | | | | | | | |
| | 93.3 | 518 | 2.7 | 15 | 12600 | | | | | | | | | | | | | | | | | | | | |
| | 615 | 615 | 47.5 | 1018 | 0.9 | 59 | 15800 | 132S2B / 132S2C | 157 | 147 | 152 | 142 | 139 | 129 | 200-201 | | | | | | | | | | |
| | | | 54.9 | 880 | 1.0 | 51 | 15100 | | | | | | | | | | | | | | | | | | |
| | | | 65.1 | 742 | 1.2 | 43 | 14200 | | | | | | | | | | | | | | | | | | |
| | | | 80.0 | 604 | 1.6 | 35 | 13300 | | | | | | | | | | | | | | | | | | |
| | | | 96.6 | 500 | 1.8 | 29 | 12500 | | | | | | | | | | | | | | | | | | |
| | | | 112.0 | 431 | 2.1 | 25 | 11900 | | | | | | | | | | | | | | | | | | |
| | | | 133.3 | 362 | 2.5 | 21 | 11300 | | | | | | | | | | | | | | | | | | |
| | | | 164.7 | 293 | 2.8 | 17 | 10500 | | | | | | | | | | | | | | | | | | |
| | | | 186.7 | 259 | 2.7 | 15 | 10100 | | | | | | | | | | | | | | | | | | |
| | | | 615 | 615 | 36.0 | 1342 | 0.8 | | | | | | | | | 25 | 15400 | 132M6B | 115 | 108 | 112 | 98 | 106 | 92 | 196-197 |
| | 42.9 | 1128 | | | 1.0 | 21 | 14700 | | | | | | | | | | | | | | | | | | |
| | 52.9 | 913 | | | 1.2 | 17 | 13800 | | | | | | | | | | | | | | | | | | |
| | 60.0 | 805 | | | 1.4 | 15 | 13300 | | | | | | | | | | | | | | | | | | |
| | 69.2 | 698 | | | 1.4 | 13 | 12700 | | | | | | | | | | | | | | | | | | |
| | 81.8 | 591 | | | 1.8 | 11 | 12100 | | | | | | | | | | | | | | | | | | |
| 112.5 | 430 | 1.8 | | | 8 | 11000 | | | | | | | | | | | | | | | | | | | |
| 150.0 | 322 | 1.8 | | 6 | 10100 | | | | | | | | | | | | | | | | | | | | |
| 615 | 615 | 40.0 | | 1208 | 0.9 | 35 | 15200 | 132S4A / 132S4B | 115 | 108 | 112 | 98 | 106 | 92 | 196-197 | | | | | | | | | | |
| | | 48.3 | | 1001 | 1.1 | 29 | 14300 | | | | | | | | | | | | | | | | | | |
| | | 56.0 | | 863 | 1.2 | 25 | 13700 | | | | | | | | | | | | | | | | | | |
| | | 66.7 | | 725 | 1.3 | 21 | 13000 | | | | | | | | | | | | | | | | | | |
| | | 82.4 | | 587 | 1.7 | 17 | 12200 | | | | | | | | | | | | | | | | | | |
| | | 93.3 | | 518 | 1.8 | 15 | 11800 | | | | | | | | | | | | | | | | | | |
| | | 107.7 | | 449 | 1.8 | 13 | 11300 | | | | | | | | | | | | | | | | | | |
| | | 127.3 | | 380 | 2.3 | 11 | 10700 | | | | | | | | | | | | | | | | | | |
| | | 175.0 | | 276 | 2.3 | 8 | 9720 | | | | | | | | | | | | | | | | | | |
| | | 233.3 | | 207 | 2.3 | 6 | 8900 | | | | | | | | | | | | | | | | | | |
| | | 615 | | 615 | 80.0 | 604 | 0.9 | | | | | | | | | 35 | 12400 | 132S2B / 132S2C | 115 | 108 | 112 | 98 | 106 | 92 | 196-197 |
| | | | | | 96.6 | 500 | 1.1 | | | | | | | | | 29 | 11700 | | | | | | | | |
| | | | | | 112.0 | 431 | 1.2 | | | | | | | | | 25 | 11100 | | | | | | | | |
| | | | 133.3 | | 362 | 1.3 | 21 | | | | | | | | | 10600 | | | | | | | | | |
| 164.7 | 293 | | 1.7 | | 17 | 9900 | | | | | | | | | | | | | | | | | | | |
| 186.7 | 259 | | 1.8 | | 15 | 9520 | | | | | | | | | | | | | | | | | | | |
| 215.4 | 224 | | 1.8 | | 13 | 9120 | | | | | | | | | | | | | | | | | | | |
| 254.5 | 190 | | 2.3 | | 11 | 8670 | | | | | | | | | | | | | | | | | | | |
| 350.0 | 138 | | 2.3 | | 8 | 7870 | | | | | | | | | | | | | | | | | | | |
| 466.7 | 104 | | 2.3 | | 6 | 7220 | | | | | | | | | | | | | | | | | | | |
| 614 | 614 | | 36.0 | | 1342 | 0.8 | 25 | 13300 | 132M6B | 113 | 108 | 112 | 107 | 106 | 101 | 192-193 | | | | | | | | | |
| | | | 42.9 | | 1128 | 0.9 | 21 | 12600 | | | | | | | | | | | | | | | | | |
| | | | 52.9 | | 913 | 1.2 | 17 | 11900 | | | | | | | | | | | | | | | | | |
| | | | 60.0 | | 805 | 1.3 | 15 | 11400 | | | | | | | | | | | | | | | | | |
| | | 69.2 | 698 | 1.3 | 13 | 10900 | | | | | | | | | | | | | | | | | | | |
| | | 81.8 | 591 | 1.4 | 11 | 10400 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|------|-----|------|---------|---------|---|-----------------|-----|------|-----|------|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 5.50 | 614 | 40.0 | 1208 | 0.8 | 35 | 13000 | 132S4A / 132S4B | 113 | 108 | 112 | 107 | 106 | 101 | 192-193 | | | | | | | | |
| | | 48.3 | 1001 | 0.9 | 29 | 12300 | | | | | | | | | | | | | | | | |
| | | 56.0 | 863 | 1.1 | 25 | 11800 | | | | | | | | | | | | | | | | |
| | | 66.7 | 725 | 1.2 | 21 | 11200 | | | | | | | | | | | | | | | | |
| | | 82.4 | 587 | 1.7 | 17 | 10500 | | | | | | | | | | | | | | | | |
| | | 93.3 | 518 | 1.7 | 15 | 10100 | | | | | | | | | | | | | | | | |
| | | 107.7 | 449 | 1.7 | 13 | 9640 | | | | | | | | | | | | | | | | |
| | | 127.3 | 380 | 1.8 | 11 | 9160 | | | | | | | | | | | | | | | | |
| | | 80.0 | 604 | 0.8 | 35 | 10600 | | | | | | | | | 132S2B / 132S2C | 113 | 108 | 112 | 107 | 106 | 101 | 192-193 |
| | | 96.6 | 500 | 0.9 | 29 | 10000 | | | | | | | | | | | | | | | | |
| | | 112.0 | 431 | 1.1 | 25 | 9520 | | | | | | | | | | | | | | | | |
| | | 133.3 | 362 | 1.2 | 21 | 9030 | | | | | | | | | | | | | | | | |
| | 164.7 | 293 | 1.7 | 17 | 8470 | | | | | | | | | | | | | | | | | |
| | 186.7 | 259 | 1.7 | 15 | 8160 | | | | | | | | | | | | | | | | | |
| | 215.4 | 224 | 1.7 | 13 | 7810 | | | | | | | | | | | | | | | | | |
| | 254.5 | 190 | 1.8 | 11 | 7420 | | | | | | | | | | | | | | | | | |
| | 52.9 | 913 | 0.9 | 17 | 9320 | 132M6B | 112 | 107 | 111 | 106 | 105 | 100 | 188-189 | | | | | | | | | |
| | 60.0 | 805 | 1.0 | 15 | 8940 | | | | | | | | | | | | | | | | | |
| | 69.2 | 698 | 1.2 | 13 | 8530 | | | | | | | | | | | | | | | | | |
| | 81.8 | 591 | 1.3 | 11 | 8060 | | | | | | | | | | | | | | | | | |
| | 112.5 | 430 | 1.4 | 8 | 7260 | | | | | | | | | | | | | | | | | |
| | 150.0 | 322 | 1.4 | 6 | 6590 | | | | | | | | | | | | | | | | | |
| | 48.3 | 1001 | 0.8 | 29 | 9740 | 132S4A / 132S4B | 112 | 107 | 111 | 106 | 105 | 100 | 188-189 | | | | | | | | | |
| | 56.0 | 863 | 0.9 | 25 | 9270 | | | | | | | | | | | | | | | | | |
| 66.7 | 725 | 1.1 | 21 | 8740 | | | | | | | | | | | | | | | | | | |
| 82.4 | 587 | 1.3 | 17 | 8150 | | | | | | | | | | | | | | | | | | |
| 93.3 | 518 | 1.4 | 15 | 7810 | | | | | | | | | | | | | | | | | | |
| 107.7 | 449 | 1.7 | 13 | 7450 | | | | | | | | | | | | | | | | | | |
| 127.3 | 380 | 1.8 | 11 | 7040 | | | | | | | | | | | | | | | | | | |
| 175.0 | 276 | 1.8 | 8 | 6330 | | | | | | | | | | | | | | | | | | |
| 233.3 | 207 | 1.8 | 6 | 5760 | | | | | | | | | | | | | | | | | | |
| 96.6 | 500 | 0.8 | 29 | 7730 | 132S2B / 132S2C | 112 | 107 | 111 | 106 | 105 | 100 | 188-189 | | | | | | | | | | |
| 112.0 | 431 | 0.9 | 25 | 7350 | | | | | | | | | | | | | | | | | | |
| 133.3 | 362 | 1.1 | 21 | 6930 | | | | | | | | | | | | | | | | | | |
| 164.7 | 293 | 1.3 | 17 | 6460 | | | | | | | | | | | | | | | | | | |
| 186.7 | 259 | 1.4 | 15 | 6200 | | | | | | | | | | | | | | | | | | |
| 215.4 | 224 | 1.7 | 13 | 5910 | | | | | | | | | | | | | | | | | | |
| 254.5 | 190 | 1.8 | 11 | 5590 | | | | | | | | | | | | | | | | | | |
| 350.0 | 138 | 1.8 | 8 | 5030 | | | | | | | | | | | | | | | | | | |
| 466.7 | 104 | 1.8 | 6 | 4570 | | | | | | | | | | | | | | | | | | |
| 112.5 | 430 | 0.9 | 8 | 6280 | | | | | | | | | 132M6B | 91 | 89 | 89 | 87 | 86 | 84 | 184-185 | | |
| 150.0 | 322 | 0.9 | 6 | 5710 | | | | | | | | | | | | | | | | | | |
| 612 | 132S4A / 132S4B | 82.4 | 587 | 0.9 | 17 | 7050 | 91 | 89 | 89 | 87 | 86 | 84 | 184-185 | | | | | | | | | |
| | | 93.3 | 518 | 0.9 | 15 | 6770 | | | | | | | | | | | | | | | | |
| | | 107.7 | 449 | 0.9 | 13 | 6450 | | | | | | | | | | | | | | | | |
| | | 127.3 | 380 | 0.9 | 11 | 6100 | | | | | | | | | | | | | | | | |
| | | 175.0 | 276 | 1.2 | 8 | 5480 | | | | | | | | | | | | | | | | |
| | | 233.3 | 207 | 1.2 | 6 | 4980 | | | | | | | | | | | | | | | | |
| | 132S2B / 132S2C | 164.7 | 293 | 0.9 | 17 | 5600 | 91 | 89 | 89 | 87 | 86 | 84 | 184-185 | | | | | | | | | |
| | | 186.7 | 259 | 0.9 | 15 | 5370 | | | | | | | | | | | | | | | | |
| | | 215.4 | 224 | 0.9 | 13 | 5120 | | | | | | | | | | | | | | | | |
| | | 254.5 | 190 | 0.9 | 11 | 4840 | | | | | | | | | | | | | | | | |
| | | 350.0 | 138 | 0.9 | 8 | 4350 | | | | | | | | | | | | | | | | |
| | | 1.2 | 49240 | 1.2 | 731 | 192000 | | | | | | | | 160M6B / 160M6C | 2614 | - | 2742 | - | 2431 | - | 378-379 | |
| 1.4 | 43716 | 1.4 | 649 | 192000 | | | | | | | | | | | | | | | | | | |
| 1.6 | 37654 | 1.6 | 559 | 192000 | | | | | | | | | | | | | | | | | | |
| 1.9 | 31861 | 1.9 | 473 | 192000 | | | | | | | | | | | | | | | | | | |
| 2.4 | 25394 | 2.3 | 377 | 192000 | | | | | | | | | | | | | | | | | | |
| 2.8 | 21488 | 2.8 | 319 | 192000 | | | | | | | | | | | | | | | | | | |
| 627/19 | 132M4C / 132M4D | 1.9 | 31654 | 1.9 | 731 | 192000 | 2573 | - | 2701 | - | 2390 | - | 378-379 | | | | | | | | | |
| | | 2.2 | 28103 | 2.1 | 649 | 192000 | | | | | | | | | | | | | | | | |
| | | 2.5 | 24206 | 2.5 | 559 | 192000 | | | | | | | | | | | | | | | | |
| | | 3.0 | 20482 | 2.9 | 473 | 192000 | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|------|------|------|---------|---------|---|-----------------|------|------|------|------|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 7.50 | 626/19 | 1.2 | 49240 | 0.8 | 731 | 271000 | 160M6B / 160M6C | 1474 | - | 1409 | - | 1306 | - | 374-375 | | | | | | | | |
| | | 1.4 | 43716 | 0.9 | 649 | 271000 | | | | | | | | | | | | | | | | |
| | | 1.6 | 37654 | 1.1 | 559 | 271000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 31861 | 1.2 | 473 | 271000 | | | | | | | | | | | | | | | | |
| | | 2.4 | 25394 | 1.4 | 377 | 271000 | | | | | | | | | | | | | | | | |
| | | 2.5 | 24047 | 1.4 | 357 | 271000 | | | | | | | | | | | | | | | | |
| | | 2.8 | 21488 | 1.6 | 319 | 271000 | | | | | | | | | | | | | | | | |
| | | 3.3 | 18389 | 1.9 | 273 | 271000 | | | | | | | | | | | | | | | | |
| | | 3.9 | 15560 | 2.2 | 231 | 258000 | | | | | | | | | | | | | | | | |
| | | 4.6 | 13135 | 2.3 | 195 | 245000 | | | | | | | | | | | | | | | | |
| | | 5.5 | 11114 | 2.7 | 165 | 232000 | | | | | | | | | | | | | | | | |
| | | 7.4 | 8150 | 2.8 | 121 | 212000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 31654 | 1.3 | 731 | 271000 | | | | | | | | | 132M4C / 132M4D | 1433 | - | 1368 | - | 1265 | - | 374-375 |
| | | 2.2 | 28103 | 1.4 | 649 | 271000 | | | | | | | | | | | | | | | | |
| | 2.5 | 24206 | 1.6 | 559 | 271000 | | | | | | | | | | | | | | | | | |
| | 3.0 | 20482 | 1.9 | 473 | 271000 | | | | | | | | | | | | | | | | | |
| | 3.7 | 16325 | 2.1 | 377 | 264000 | | | | | | | | | | | | | | | | | |
| | 3.9 | 15459 | 2.2 | 357 | 260000 | | | | | | | | | | | | | | | | | |
| | 4.4 | 13813 | 2.5 | 319 | 251000 | | | | | | | | | | | | | | | | | |
| | 5.1 | 11822 | 2.9 | 273 | 239000 | | | | | | | | | | | | | | | | | |
| | 1.9 | 31861 | 0.9 | 473 | 253000 | 160M6B / 160M6C | 1218 | - | 1126 | - | 1061 | - | 370-371 | | | | | | | | | |
| | 2.4 | 25394 | 1.0 | 377 | 245000 | | | | | | | | | | | | | | | | | |
| | 2.5 | 24047 | 1.1 | 357 | 241000 | | | | | | | | | | | | | | | | | |
| | 2.8 | 21488 | 1.2 | 319 | 233000 | | | | | | | | | | | | | | | | | |
| | 3.3 | 18389 | 1.4 | 273 | 224000 | | | | | | | | | | | | | | | | | |
| | 3.9 | 15560 | 1.7 | 231 | 213000 | | | | | | | | | | | | | | | | | |
| | 4.6 | 13135 | 1.8 | 195 | 203000 | | | | | | | | | | | | | | | | | |
| | 5.5 | 11114 | 2.1 | 165 | 194000 | | | | | | | | | | | | | | | | | |
| | 7.4 | 8150 | 2.2 | 121 | 177000 | | | | | | | | | | | | | | | | | |
| | 1.9 | 31654 | 0.9 | 731 | 253000 | | | | | | | | | 132M4C / 132M4D | 1177 | - | 1085 | - | 1020 | - | 370-371 | |
| | 2.2 | 28103 | 1.1 | 649 | 253000 | | | | | | | | | | | | | | | | | |
| | 2.5 | 24206 | 1.2 | 559 | 244000 | | | | | | | | | | | | | | | | | |
| | 3.0 | 20482 | 1.5 | 473 | 232000 | | | | | | | | | | | | | | | | | |
| | 3.7 | 16325 | 1.6 | 377 | 219000 | | | | | | | | | | | | | | | | | |
| | 3.9 | 15459 | 1.7 | 357 | 215000 | | | | | | | | | | | | | | | | | |
| | 4.4 | 13813 | 1.9 | 319 | 208000 | | | | | | | | | | | | | | | | | |
| | 5.1 | 11822 | 2.2 | 273 | 199000 | | | | | | | | | | | | | | | | | |
| | 6.1 | 10003 | 2.6 | 231 | 190000 | | | | | | | | | | | | | | | | | |
| | 7.2 | 8444 | 2.7 | 195 | 181000 | | | | | | | | | | | | | | | | | |
| | 1.9 | 31861 | 0.9 | 473 | 253000 | 160M6B / 160M6C | 1132 | - | 1040 | - | 975 | - | 366-367 | | | | | | | | | |
| | 2.4 | 25394 | 1.0 | 377 | 245000 | | | | | | | | | | | | | | | | | |
| | 2.5 | 24047 | 1.1 | 357 | 241000 | | | | | | | | | | | | | | | | | |
| 2.8 | 21488 | 1.2 | 319 | 233000 | | | | | | | | | | | | | | | | | | |
| 3.3 | 18389 | 1.4 | 273 | 224000 | | | | | | | | | | | | | | | | | | |
| 3.9 | 15560 | 1.7 | 231 | 213000 | | | | | | | | | | | | | | | | | | |
| 4.6 | 13135 | 1.8 | 195 | 203000 | | | | | | | | | | | | | | | | | | |
| 5.5 | 11114 | 2.1 | 165 | 194000 | | | | | | | | | | | | | | | | | | |
| 7.4 | 8150 | 2.2 | 121 | 177000 | | | | | | | | | | | | | | | | | | |
| 1.9 | 31654 | 0.9 | 731 | 253000 | 132M4C / 132M4D | | | | | | | | | 1089 | - | 997 | - | 932 | - | 366-367 | | |
| 2.2 | 28103 | 1.1 | 649 | 253000 | | | | | | | | | | | | | | | | | | |
| 2.5 | 24206 | 1.2 | 559 | 244000 | | | | | | | | | | | | | | | | | | |
| 3.0 | 20482 | 1.5 | 473 | 232000 | | | | | | | | | | | | | | | | | | |
| 3.7 | 16325 | 1.6 | 377 | 219000 | | | | | | | | | | | | | | | | | | |
| 3.9 | 15459 | 1.7 | 357 | 215000 | | | | | | | | | | | | | | | | | | |
| 4.4 | 13813 | 1.9 | 319 | 208000 | | | | | | | | | | | | | | | | | | |
| 5.1 | 11822 | 2.2 | 273 | 199000 | | | | | | | | | | | | | | | | | | |
| 6.1 | 10003 | 2.6 | 231 | 190000 | | | | | | | | | | | | | | | | | | |
| 7.2 | 8444 | 2.7 | 195 | 181000 | | | | | | | | | | | | | | | | | | |
| 2.4 | 25394 | 0.8 | 377 | 200000 | 160M6B / 160M6C | 808 | - | 762 | - | 741 | - | 362-363 | | | | | | | | | | |
| 2.5 | 24047 | 0.8 | 357 | 197000 | | | | | | | | | | | | | | | | | | |
| 2.8 | 21488 | 0.9 | 319 | 190000 | | | | | | | | | | | | | | | | | | |
| 3.3 | 18389 | 1.1 | 273 | 181000 | | | | | | | | | | | | | | | | | | |
| 3.9 | 15560 | 1.3 | 231 | 173000 | | | | | | | | | | | | | | | | | | |
| 4.6 | 13135 | 1.3 | 195 | 164000 | | | | | | | | | | | | | | | | | | |
| 5.5 | 11114 | 1.6 | 165 | 156000 | | | | | | | | | | | | | | | | | | |
| 7.4 | 8150 | 1.7 | 121 | 142000 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | | | | | | | | | |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|-----------------|-----------------|-----------------|-----|-----|-----|-----|---------|---------|---------|--|--|--|--|--|--|--|--|--|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | | | |
| 7.50 | 624/18 | 2.2 | 28103 | 0.8 | 649 | 204000 | 132M4C / 132M4D | 766 | - | 720 | - | 699 | - | 362-363 | | | | | | | | | | | |
| | | 2.5 | 24206 | 1.0 | 559 | 199000 | | | | | | | | | | | | | | | | | | | |
| | | 3.0 | 20482 | 1.1 | 473 | 189000 | | | | | | | | | | | | | | | | | | | |
| | | 3.7 | 16325 | 1.2 | 377 | 176000 | | | | | | | | | | | | | | | | | | | |
| | | 3.9 | 15459 | 1.3 | 357 | 175000 | | | | | | | | | | | | | | | | | | | |
| | | 4.4 | 13813 | 1.5 | 319 | 169000 | | | | | | | | | | | | | | | | | | | |
| | | 5.1 | 11822 | 1.7 | 273 | 161000 | | | | | | | | | | | | | | | | | | | |
| | | 6.1 | 10003 | 2.0 | 231 | 153000 | | | | | | | | | | | | | | | | | | | |
| | | 7.2 | 8444 | 2.1 | 195 | 145000 | | | | | | | | | | | | | | | | | | | |
| | | 8.5 | 7145 | 2.2 | 165 | 138000 | | | | | | | | | | | | | | | | | | | |
| | | 11.6 | 5240 | 2.2 | 121 | 125000 | | | | | | | | | | | | | | | | | | | |
| | | 3.8 | 15827 | 1.4 | 731 | 175000 | | | | | | | | | | | | | | | | | | | |
| | | 4.3 | 14052 | 1.3 | 649 | 170000 | | | | | | | | | | | | | | | | | | | |
| | | 5.0 | 12103 | 1.6 | 559 | 162000 | | | | | | | | | | | | | | | | | | | |
| | | 5.9 | 10241 | 1.8 | 473 | 154000 | | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 8163 | 2.0 | 377 | 144000 | | | | | | | | | | | | | | | | | | | |
| | | 7.8 | 7729 | 1.9 | 357 | 141000 | | | | | | | | | | | | | | | | | | | |
| | | 8.8 | 6907 | 2.2 | 319 | 136000 | | | | | | | | | | | | | | | | | | | |
| | 10.3 | 5911 | 2.1 | 273 | 130000 | | | | | | | | | | | | | | | | | | | | |
| | 12.1 | 5001 | 2.2 | 231 | 125000 | | | | | | | | | | | | | | | | | | | | |
| | 14.4 | 4222 | 2.1 | 195 | 118000 | | | | | | | | | | | | | | | | | | | | |
| | 17.0 | 3572 | 2.2 | 165 | 112000 | | | | | | | | | | | | | | | | | | | | |
| | 23.1 | 2620 | 2.2 | 121 | 102000 | | | | | | | | | | | | | | | | | | | | |
| | 624/16 | 624/16 | 2.4 | 25394 | 0.8 | 377 | 200000 | 160M6B / 160M6C | 767 | 760 | 721 | 714 | 700 | 693 | 358-359 | | | | | | | | | | |
| | | | 2.5 | 24047 | 0.8 | 357 | 197000 | | | | | | | | | | | | | | | | | | |
| | | | 2.8 | 21488 | 0.9 | 319 | 190000 | | | | | | | | | | | | | | | | | | |
| | | | 3.3 | 18389 | 1.1 | 273 | 181000 | | | | | | | | | | | | | | | | | | |
| | | | 3.9 | 15560 | 1.3 | 231 | 173000 | | | | | | | | | | | | | | | | | | |
| | | | 4.6 | 13135 | 1.3 | 195 | 164000 | | | | | | | | | | | | | | | | | | |
| | | | 5.5 | 11114 | 1.6 | 165 | 156000 | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 8150 | 1.7 | 121 | 142000 | | | | | | | | | | | | | | | | | | | |
| | | 623/18 | 623/18 | 2.2 | 28103 | 0.8 | 649 | 204000 | 132M4C / 132M4D | 727 | 719 | 681 | 673 | 660 | 652 | 358-359 | | | | | | | | | |
| | | | | 2.5 | 24206 | 1.0 | 559 | 199000 | | | | | | | | | | | | | | | | | |
| | | | | 3.0 | 20482 | 1.1 | 473 | 189000 | | | | | | | | | | | | | | | | | |
| | | | | 3.7 | 16325 | 1.2 | 377 | 176000 | | | | | | | | | | | | | | | | | |
| | | | | 3.9 | 15459 | 1.3 | 357 | 175000 | | | | | | | | | | | | | | | | | |
| 4.4 | | | | 13813 | 1.5 | 319 | 169000 | | | | | | | | | | | | | | | | | | |
| 5.1 | | | | 11822 | 1.7 | 273 | 161000 | | | | | | | | | | | | | | | | | | |
| 6.1 | | | | 10003 | 2.0 | 231 | 153000 | | | | | | | | | | | | | | | | | | |
| 7.2 | | | | 8444 | 2.1 | 195 | 145000 | | | | | | | | | | | | | | | | | | |
| 8.5 | | | | 7145 | 2.2 | 165 | 138000 | | | | | | | | | | | | | | | | | | |
| 11.6 | 5240 | | | 2.2 | 121 | 125000 | | | | | | | | | | | | | | | | | | | |
| 3.8 | 15827 | | | 1.4 | 731 | 175000 | | | | | | | | | | | | | | | | | | | |
| 4.3 | 14052 | | | 1.3 | 649 | 170000 | | | | | | | | | | | | | | | | | | | |
| 5.0 | 12103 | | | 1.6 | 559 | 162000 | | | | | | | | | | | | | | | | | | | |
| 5.9 | 10241 | | | 1.8 | 473 | 154000 | | | | | | | | | | | | | | | | | | | |
| 7.4 | 8163 | | | 2.0 | 377 | 144000 | | | | | | | | | | | | | | | | | | | |
| 7.8 | 7729 | | | 1.9 | 357 | 141000 | | | | | | | | | | | | | | | | | | | |
| 8.8 | 6907 | | | 2.2 | 319 | 136000 | | | | | | | | | | | | | | | | | | | |
| 10.3 | 5911 | 2.1 | 273 | 130000 | | | | | | | | | | | | | | | | | | | | | |
| 12.1 | 5001 | 2.2 | 231 | 125000 | | | | | | | | | | | | | | | | | | | | | |
| 14.4 | 4222 | 2.1 | 195 | 118000 | | | | | | | | | | | | | | | | | | | | | |
| 17.0 | 3572 | 2.2 | 165 | 112000 | | | | | | | | | | | | | | | | | | | | | |
| 23.1 | 2620 | 2.2 | 121 | 102000 | | | | | | | | | | | | | | | | | | | | | |
| 623/18 | 623/18 | 3.3 | 18389 | 0.9 | 273 | 163000 | 160M6B / 160M6C | 703 | - | 674 | - | 630 | - | 354-355 | | | | | | | | | | | |
| | | 3.9 | 15560 | 1.0 | 231 | 155000 | | | | | | | | | | | | | | | | | | | |
| | | 4.6 | 13135 | 1.1 | 195 | 147000 | | | | | | | | | | | | | | | | | | | |
| | | 5.5 | 11114 | 1.3 | 165 | 140000 | | | | | | | | | | | | | | | | | | | |
| | 7.4 | 8150 | 1.4 | 121 | 127000 | | | | | | | | | | | | | | | | | | | | |
| | 623/18 | 623/18 | 3.0 | 20482 | 0.9 | 473 | 170000 | 132M4C / 132M4D | 661 | - | 632 | - | 588 | - | 354-355 | | | | | | | | | | |
| | | | 3.7 | 16325 | 1.0 | 377 | 159000 | | | | | | | | | | | | | | | | | | |
| | | | 3.9 | 15459 | 1.0 | 357 | 156000 | | | | | | | | | | | | | | | | | | |
| | | | 4.4 | 13813 | 1.2 | 319 | 151000 | | | | | | | | | | | | | | | | | | |
| | | | 5.1 | 11822 | 1.3 | 273 | 144000 | | | | | | | | | | | | | | | | | | |
| | | | 6.1 | 10003 | 1.6 | 231 | 137000 | | | | | | | | | | | | | | | | | | |
| | | | 7.2 | 8444 | 1.6 | 195 | 130000 | | | | | | | | | | | | | | | | | | |
| | | | 8.5 | 7145 | 1.9 | 165 | 124000 | | | | | | | | | | | | | | | | | | |
| | | | 11.6 | 5240 | 2.1 | 121 | 113000 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
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| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------------------------|-----|-----|-----|-----|-----|---|---------|--------|------------------------|-----|-----|-----|-----|-----|-----|---------|--------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | | | |
| 7.50 | 623/18 | 3.8 | 15827 | 1.1 | 731 | 157000 | 132S2C / 132S2D | 661 | - | 632 | - | 588 | - | 354-355 | | | | | | | | | | | |
| | | 4.3 | 14052 | 1.0 | 649 | 152000 | | | | | | | | | | | | | | | | | | | |
| | | 5.0 | 12103 | 1.3 | 559 | 145000 | | | | | | | | | | | | | | | | | | | |
| | | 5.9 | 10241 | 1.4 | 473 | 138000 | | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 8163 | 1.6 | 377 | 128000 | | | | | | | | | | | | | | | | | | | |
| | | 7.8 | 7729 | 1.9 | 357 | 126000 | | | | | | | | | | | | | | | | | | | |
| | | 8.8 | 6907 | 1.8 | 319 | 123000 | | | | | | | | | | | | | | | | | | | |
| | | 10.3 | 5911 | 2.1 | 273 | 117000 | | | | | | | | | | | | | | | | | | | |
| | | 12.1 | 5001 | 2.2 | 231 | 112000 | | | | | | | | | | | | | | | | | | | |
| | | 14.4 | 4222 | 2.1 | 195 | 106000 | | | | | | | | | | | | | | | | | | | |
| | 17.0 | 3572 | 2.2 | 165 | 101000 | | | | | | | | | | | | | | | | | | | | |
| | 23.1 | 2620 | 2.2 | 121 | 91700 | | | | | | | | | | | | | | | | | | | | |
| | 623/16 | 3.3 | 18389 | 0.9 | 273 | 163000 | 160M6B / 160M6C | 662 | 652 | 633 | 623 | 589 | 579 | 350-351 | | | | | | | | | | | |
| | | | 3.9 | 15560 | 1.0 | 231 | | | | | | | | | 155000 | | | | | | | | | | |
| | | | 4.6 | 13135 | 1.1 | 195 | | | | | | | | | 147000 | | | | | | | | | | |
| | | | 5.5 | 11114 | 1.3 | 165 | | | | | | | | | 140000 | | | | | | | | | | |
| | | | 7.4 | 8150 | 1.4 | 121 | | | | | | | | | 127000 | | | | | | | | | | |
| | | 623/16 | 3.0 | 20482 | 0.9 | 473 | 170000 | 132M4C / 132M4D | 622 | 611 | 593 | 582 | 549 | 538 | 350-351 | | | | | | | | | | |
| | | | | 3.7 | 16325 | 1.0 | 377 | | | | | | | | | 159000 | | | | | | | | | |
| | | | | 3.9 | 15459 | 1.0 | 357 | | | | | | | | | 156000 | | | | | | | | | |
| | | | | 4.4 | 13813 | 1.2 | 319 | | | | | | | | | 151000 | | | | | | | | | |
| | | | | 5.1 | 11822 | 1.3 | 273 | | | | | | | | | 144000 | | | | | | | | | |
| | 6.1 | | | 10003 | 1.6 | 231 | 137000 | | | | | | | | | | | | | | | | | | |
| | 7.2 | | | 8444 | 1.6 | 195 | 130000 | | | | | | | | | | | | | | | | | | |
| | 8.5 | | | 7145 | 1.9 | 165 | 124000 | | | | | | | | | | | | | | | | | | |
| | 11.6 | | | 5240 | 2.1 | 121 | 113000 | | | | | | | | | | | | | | | | | | |
| | 622/17 | | | 3.8 | 15827 | 1.1 | 731 | | | | | | | | | 157000 | 132S2C / 132S2D | 622 | 611 | 593 | 582 | 549 | 538 | 350-351 | |
| | | 4.3 | 14052 | | 1.0 | 649 | 152000 | | | | | | | | | | | | | | | | | | |
| | | 5.0 | 12103 | | 1.3 | 559 | 145000 | | | | | | | | | | | | | | | | | | |
| | | 5.9 | 10241 | | 1.4 | 473 | 138000 | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 8163 | | 1.6 | 377 | 128000 | | | | | | | | | | | | | | | | | | |
| | | 7.8 | 7729 | | 1.9 | 357 | 126000 | | | | | | | | | | | | | | | | | | |
| | | 8.8 | 6907 | | 1.8 | 319 | 123000 | | | | | | | | | | | | | | | | | | |
| | | 10.3 | 5911 | | 2.1 | 273 | 117000 | | | | | | | | | | | | | | | | | | |
| | | 12.1 | 5001 | | 2.2 | 231 | 112000 | | | | | | | | | | | | | | | | | | |
| | | 14.4 | 4222 | | 2.1 | 195 | 106000 | | | | | | | | | | | | | | | | | | |
| | 17.0 | 3572 | 2.2 | 165 | 101000 | | | | | | | | | | | | | | | | | | | | |
| | 23.1 | 2620 | 2.2 | 121 | 91700 | | | | | | | | | | | | | | | | | | | | |
| | 622/17 | 3.9 | 15560 | 0.8 | 231 | 125000 | 160M6B / 160M6C | 595 | - | 582 | - | 552 | - | 346-347 | | | | | | | | | | | |
| | | | 4.6 | 13135 | 0.8 | 195 | | | | | | | | | 119000 | | | | | | | | | | |
| | | | 5.5 | 11114 | 1.0 | 165 | | | | | | | | | 113000 | | | | | | | | | | |
| | | | 7.4 | 8150 | 1.2 | 121 | | | | | | | | | 102000 | | | | | | | | | | |
| | | 622/17 | 3.9 | 15459 | 0.8 | 357 | 125000 | 132M4C / 132M4D | 552 | - | 539 | - | 509 | - | 346-347 | | | | | | | | | | |
| | | | | 4.4 | 13813 | 0.9 | 319 | | | | | | | | | 122000 | | | | | | | | | |
| | | | | 5.1 | 11822 | 1.1 | 273 | | | | | | | | | 116000 | | | | | | | | | |
| | | | | 6.1 | 10003 | 1.2 | 231 | | | | | | | | | 110000 | | | | | | | | | |
| | | | | 7.2 | 8444 | 1.3 | 195 | | | | | | | | | 105000 | | | | | | | | | |
| | | | | 8.5 | 7145 | 1.6 | 165 | | | | | | | | | 100000 | | | | | | | | | |
| | 11.6 | 5240 | 1.8 | 121 | 90700 | | | | | | | | | | | | | | | | | | | | |
| | 622/13 | 3.9 | 15459 | 0.8 | 357 | 125000 | 132M4C / 132M4D | 499 | 493 | 486 | 480 | 456 | 450 | 342-343 | | | | | | | | | | | |
| | | | 4.4 | 13813 | 0.9 | 319 | | | | | | | | | 122000 | | | | | | | | | | |
| | | | 5.1 | 11822 | 1.1 | 273 | | | | | | | | | 116000 | | | | | | | | | | |
| | | | 6.1 | 10003 | 1.2 | 231 | | | | | | | | | 110000 | | | | | | | | | | |
| | | | 7.2 | 8444 | 1.2 | 195 | | | | | | | | | 105000 | | | | | | | | | | |
| | | | 8.5 | 7145 | 1.2 | 165 | | | | | | | | | 100000 | | | | | | | | | | |
| | | | 11.6 | 5240 | 1.2 | 121 | | | | | | | | | 90700 | | | | | | | | | | |
| | | | 622/13 | 3.8 | 15827 | 0.9 | | | | | | | | | 731 | 126000 | 132S2C / 132S2D | 499 | 493 | 486 | 480 | 456 | 450 | 342-343 | |
| | | | | | 4.3 | 14052 | | | | | | | | | 0.9 | 649 | | | | | | | | | 122000 |
| | | | | | 5.0 | 12103 | | | | | | | | | 1.1 | 559 | | | | | | | | | 117000 |
| | 5.9 | 10241 | | | 1.2 | 473 | 111000 | | | | | | | | | | | | | | | | | | |
| | 7.4 | 8163 | | | 1.2 | 377 | 104000 | | | | | | | | | | | | | | | | | | |
| | 7.8 | 7729 | | | 0.9 | 357 | 102000 | | | | | | | | | | | | | | | | | | |
| | 8.8 | 6907 | | | 1.2 | 319 | 99000 | | | | | | | | | | | | | | | | | | |
| | 10.3 | 5911 | | | 1.2 | 273 | 94000 | | | | | | | | | | | | | | | | | | |
| | 12.1 | 5001 | | | 1.2 | 231 | 89400 | | | | | | | | | | | | | | | | | | |
| | 14.4 | 4222 | | | 1.2 | 195 | 85000 | | | | | | | | | | | | | | | | | | |
| | 17.0 | 3572 | 1.2 | 165 | 80900 | | | | | | | | | | | | | | | | | | | | |
| | 23.1 | 2620 | 1.2 | 121 | 73600 | | | | | | | | | | | | | | | | | | | | |
| | 621/16 | 7.4 | 8150 | 0.9 | 121 | 84400 | 160M6B / 160M6C | 487 | 466 | 465 | 444 | 446 | 425 | 338-339 | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | |
|------------------------|---------------|--|------------------------|----------------|------------------|-------------------------|------------------------|------------------------|-----|-----|-----|-----|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | |
| 7.50 | 621/16 | 5.0 | 12103 | 0.8 | 559 | 67800 | 132S2C / 132S2D | 447 | 438 | 425 | 416 | 406 | 397 | 338-339 | |
| | | 5.9 | 10241 | 0.9 | 473 | 67800 | | | | | | | | | |
| | | 7.4 | 8163 | 1.0 | 377 | 67800 | | | | | | | | | |
| | | 7.8 | 7729 | 0.9 | 357 | 67800 | | | | | | | | | |
| | | 8.8 | 6907 | 1.1 | 319 | 67800 | | | | | | | | | |
| | | 10.3 | 5911 | 1.2 | 273 | 67800 | | | | | | | | | |
| | | 12.1 | 5001 | 1.2 | 231 | 66700 | | | | | | | | | |
| | | 14.4 | 4222 | 1.2 | 195 | 63400 | | | | | | | | | |
| | 17.0 | 3572 | 1.2 | 165 | 60300 | | | | | | | | | | |
| | 23.1 | 2620 | 1.2 | 121 | 54900 | | | | | | | | | | |
| | 621/13 | 5.1 | 5.1 | 11822 | 0.8 | 273 | 84400 | 132M4C / 132M4D | 424 | 418 | 402 | 396 | 383 | 377 | 334-335 |
| | | | 6.1 | 10003 | 0.9 | 231 | 84400 | | | | | | | | |
| | | | 7.2 | 8444 | 1.0 | 195 | 84400 | | | | | | | | |
| | | | 8.5 | 7145 | 1.2 | 165 | 84400 | | | | | | | | |
| | | | 11.6 | 5240 | 1.2 | 121 | 84400 | | | | | | | | |
| | | 5.0 | 5.0 | 12103 | 0.8 | 559 | 67800 | 132S2C / 132S2D | 424 | 418 | 402 | 396 | 383 | 377 | 334-335 |
| | | | 5.9 | 10241 | 0.9 | 473 | 67800 | | | | | | | | |
| | | | 7.4 | 8163 | 1.0 | 377 | 67800 | | | | | | | | |
| | | | 7.8 | 7729 | 0.9 | 357 | 67800 | | | | | | | | |
| | | | 8.8 | 6907 | 1.1 | 319 | 67800 | | | | | | | | |
| | 10.3 | 5911 | 1.2 | 273 | 67800 | | | | | | | | | | |
| | 12.1 | 5001 | 1.2 | 231 | 66700 | | | | | | | | | | |
| | 14.4 | 4222 | 1.2 | 195 | 63400 | | | | | | | | | | |
| | 17.0 | 3572 | 1.2 | 165 | 60300 | | | | | | | | | | |
| | 23.1 | 2620 | 1.2 | 121 | 54900 | | | | | | | | | | |
| | 621 | 10.3 | 6370 | 1.6 | 87 | 84400 | 160M6B / 160M6C | 481 | - | 459 | - | 440 | - | 220-221 | |
| | | 15.3 | 4320 | 2.7 | 59 | 78400 | | | | | | | | | |
| | 620/13 | 7.2 | 7.2 | 8444 | 0.8 | 195 | 67800 | 132M4C / 132M4D | 344 | 337 | 332 | 325 | 317 | 310 | 330-331 |
| 8.5 | | | 7145 | 0.9 | 165 | 67800 | | | | | | | | | |
| 11.6 | | | 5240 | 1.1 | 121 | 67800 | | | | | | | | | |
| 7.8 | | 7.8 | 7729 | 0.9 | 357 | 67800 | 132S2C / 132S2D | 344 | 337 | 332 | 325 | 317 | 310 | 330-331 | |
| | | 8.8 | 6907 | 0.9 | 319 | 67800 | | | | | | | | | |
| | | 10.3 | 5911 | 1.2 | 273 | 67800 | | | | | | | | | |
| 12.1 | 5001 | 1.2 | 231 | 66700 | | | | | | | | | | | |
| 14.4 | 4222 | 1.2 | 195 | 63400 | | | | | | | | | | | |
| 17.0 | 3572 | 1.2 | 165 | 60300 | | | | | | | | | | | |
| 23.1 | 2620 | 1.2 | 121 | 54900 | | | | | | | | | | | |
| 620 | 10.3 | 6370 | 1.2 | 87 | 67800 | 160M6B / 160M6C | 390 | - | 378 | - | 363 | - | 216-217 | | |
| | 15.3 | 4320 | 2.0 | 59 | 61600 | | | | | | | | | | |
| | 20.9 | 3148 | 2.7 | 43 | 56000 | | | | | | | | | | |
| 619/13 | 8.5 | 8.5 | 7145 | 0.9 | 165 | 51000 | 132M4C / 132M4D | 319 | 315 | 304 | 300 | 274 | 270 | 322-323 | |
| | | 9.8 | 6192 | 0.9 | 143 | 51000 | | | | | | | | | |
| | | 11.6 | 5240 | 1.1 | 121 | 51000 | | | | | | | | | |
| | | 13.5 | 4503 | 1.2 | 104 | 51000 | | | | | | | | | |
| | 7.8 | 7.8 | 7729 | 0.9 | 357 | 51000 | 132S2C / 132S2D | 319 | 315 | 304 | 300 | 274 | 270 | 322-323 | |
| | | 8.8 | 6907 | 0.8 | 319 | 51000 | | | | | | | | | |
| | | 10.3 | 5911 | 1.0 | 273 | 51000 | | | | | | | | | |
| | | 12.1 | 5001 | 1.2 | 231 | 51000 | | | | | | | | | |
| | | 14.4 | 4222 | 1.2 | 195 | 51000 | | | | | | | | | |
| | | 17.0 | 3572 | 1.2 | 165 | 49700 | | | | | | | | | |
| 19.6 | 3096 | 1.2 | 143 | 47400 | | | | | | | | | | | |
| 23.1 | 2620 | 1.2 | 121 | 44800 | | | | | | | | | | | |
| 26.9 | 2252 | 1.2 | 104 | 42500 | | | | | | | | | | | |
| 619 | 10.3 | 10.3 | 6370 | 1.2 | 87 | 51000 | 160M6B / 160M6C | 371 | - | 356 | - | 326 | - | 212-213 | |
| | | 12.7 | 5198 | 1.3 | 71 | 51000 | | | | | | | | | |
| | | 15.3 | 4320 | 1.5 | 59 | 50900 | | | | | | | | | |
| | | 17.6 | 3734 | 1.8 | 51 | 48400 | | | | | | | | | |
| | | 20.9 | 3148 | 2.1 | 43 | 45800 | | | | | | | | | |
| | 25.7 | 2563 | 2.4 | 35 | 42700 | | | | | | | | | | |
| | 16.1 | 16.1 | 4095 | 1.5 | 87 | 50600 | 132M4C / 132M4D | 330 | - | 315 | - | 285 | - | 212-213 | |
| | | 19.7 | 3342 | 1.8 | 71 | 47300 | | | | | | | | | |
| 23.7 | | 2777 | 2.0 | 59 | 44400 | | | | | | | | | | |
| 27.5 | 2400 | 2.4 | 51 | 42400 | | | | | | | | | | | |
| 32.6 | 2024 | 2.7 | 43 | 40000 | | | | | | | | | | | |
| 618/13 | 13.5 | 4503 | 0.9 | 104 | 36600 | 132M4C / 132M4D | 254 | 247 | 241 | 234 | 221 | 214 | 314-315 | | |
| | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------------|-------------------------|--|------|-----|-----|-----|---------|-----|---|------------------------|-----|-----|-----|-----|-----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 7.50 | 618/13 | 12.1 | 5001 | 0.8 | 231 | 36600 | 132S2C / 132S2D | 254 | 247 | 241 | 234 | 221 | 214 | 314-315 | | | | | | | | |
| | | 14.4 | 4222 | 0.9 | 195 | 36600 | | | | | | | | | | | | | | | | |
| | | 17.0 | 3572 | 1.0 | 165 | 35500 | | | | | | | | | | | | | | | | |
| | | 19.6 | 3096 | 1.2 | 143 | 33800 | | | | | | | | | | | | | | | | |
| | | 23.1 | 2620 | 1.2 | 121 | 32100 | | | | | | | | | | | | | | | | |
| | | 26.9 | 2252 | 1.2 | 104 | 30500 | | | | | | | | | | | | | | | | |
| | 618 | 12.7 | 5198 | 0.8 | 71 | 36600 | 160M6B / 160M6C | 282 | - | 269 | - | 249 | - | 208-209 | | | | | | | | |
| | | 15.3 | 4320 | 0.9 | 59 | 36400 | | | | | | | | | | | | | | | | |
| | | 17.6 | 3734 | 1.1 | 51 | 34600 | | | | | | | | | | | | | | | | |
| | | 20.9 | 3148 | 1.4 | 43 | 32700 | | | | | | | | | | | | | | | | |
| | | 25.7 | 2563 | 1.7 | 35 | 30500 | | | | | | | | | | | | | | | | |
| | | 31.0 | 2123 | 1.8 | 29 | 28700 | | | | | | | | | | | | | | | | |
| | | 36.0 | 1830 | 2.3 | 25 | 27300 | | | | | | | | | | | | | | | | |
| | | 42.9 | 1538 | 2.7 | 21 | 25800 | | | | | | | | | | | | | | | | |
| | | 52.9 | 1245 | 3.0 | 17 | 24000 | | | | | | | | | | | | | | | | |
| | | 16.1 | 4095 | 1.0 | 87 | 36200 | | | | | | | | | 132M4C / 132M4D | 240 | - | 227 | - | 207 | - | 208-209 |
| | 19.7 | 3342 | 1.1 | 71 | 33700 | | | | | | | | | | | | | | | | | |
| | 23.7 | 2777 | 1.2 | 59 | 31800 | | | | | | | | | | | | | | | | | |
| | 27.5 | 2400 | 1.5 | 51 | 30300 | | | | | | | | | | | | | | | | | |
| | 32.6 | 2024 | 2.0 | 43 | 28500 | | | | | | | | | | | | | | | | | |
| | 40.0 | 1647 | 2.5 | 35 | 26700 | | | | | | | | | | | | | | | | | |
| | 48.3 | 1365 | 2.5 | 29 | 25100 | | | | | | | | | | | | | | | | | |
| | 617 | 17.6 | 3734 | 0.8 | 51 | 25800 | 160M6B / 160M6C | 245 | - | 245 | - | 216 | - | 204-205 | | | | | | | | |
| | | 20.9 | 3148 | 0.9 | 43 | 24300 | | | | | | | | | | | | | | | | |
| | | 25.7 | 2563 | 1.2 | 35 | 22700 | | | | | | | | | | | | | | | | |
| | | 31.0 | 2123 | 1.4 | 29 | 21400 | | | | | | | | | | | | | | | | |
| | | 36.0 | 1830 | 1.6 | 25 | 20300 | | | | | | | | | | | | | | | | |
| | | 42.9 | 1538 | 1.8 | 21 | 19200 | | | | | | | | | | | | | | | | |
| 52.9 | | 1245 | 1.9 | 17 | 17800 | | | | | | | | | | | | | | | | | |
| 60.0 | | 1098 | 2.3 | 15 | 17200 | | | | | | | | | | | | | | | | | |
| 69.2 | | 952 | 2.7 | 13 | 16400 | | | | | | | | | | | | | | | | | |
| 81.8 | | 805 | 2.7 | 11 | 15500 | | | | | | | | | | | | | | | | | |
| 23.7 | | 2777 | 0.9 | 59 | 23600 | 132M4C / 132M4D | | | | | | | | | 202 | - | 202 | - | 173 | - | 204-205 | |
| 27.5 | | 2400 | 1.1 | 51 | 22500 | | | | | | | | | | | | | | | | | |
| 32.6 | 2024 | 1.2 | 43 | 21300 | | | | | | | | | | | | | | | | | | |
| 40.0 | 1647 | 1.7 | 35 | 19900 | | | | | | | | | | | | | | | | | | |
| 48.3 | 1365 | 1.9 | 29 | 18600 | | | | | | | | | | | | | | | | | | |
| 56.0 | 1177 | 2.1 | 25 | 17700 | | | | | | | | | | | | | | | | | | |
| 66.7 | 988 | 2.5 | 21 | 16800 | | | | | | | | | | | | | | | | | | |
| 82.4 | 800 | 2.6 | 17 | 15600 | | | | | | | | | | | | | | | | | | |
| 616 | 31.0 | 2123 | 0.9 | 29 | 17900 | | 160M6B / 160M6C | 197 | 188 | 192 | 183 | 179 | 170 | 200-201 | | | | | | | | |
| | 36.0 | 1830 | 1.1 | 25 | 17200 | | | | | | | | | | | | | | | | | |
| | 42.9 | 1538 | 1.3 | 21 | 16200 | | | | | | | | | | | | | | | | | |
| | 52.9 | 1245 | 1.5 | 17 | 15100 | | | | | | | | | | | | | | | | | |
| | 60.0 | 1098 | 1.5 | 15 | 14400 | | | | | | | | | | | | | | | | | |
| | 69.2 | 952 | 1.7 | 13 | 13800 | | | | | | | | | | | | | | | | | |
| | 81.8 | 805 | 2.0 | 11 | 13000 | | | | | | | | | | | | | | | | | |
| | 112.5 | 586 | 2.0 | 8 | 11800 | | | | | | | | | | | | | | | | | |
| | 32.6 | 2024 | 0.9 | 43 | 17900 | 132M4C / 132M4D | | | | | | | | | 157 | 147 | 152 | 142 | 139 | 129 | 200-201 | |
| | 40.0 | 1647 | 1.1 | 35 | 16800 | | | | | | | | | | | | | | | | | |
| | 48.3 | 1365 | 1.3 | 29 | 15700 | | | | | | | | | | | | | | | | | |
| | 56.0 | 1177 | 1.5 | 25 | 15000 | | | | | | | | | | | | | | | | | |
| | 66.7 | 988 | 1.8 | 21 | 14100 | | | | | | | | | | | | | | | | | |
| | 82.4 | 800 | 2.0 | 17 | 13100 | | | | | | | | | | | | | | | | | |
| | 93.3 | 706 | 2.0 | 15 | 12600 | | | | | | | | | | | | | | | | | |
| | 107.7 | 612 | 2.3 | 13 | 12100 | | | | | | | | | | | | | | | | | |
| | 127.3 | 518 | 2.4 | 11 | 11400 | | | | | | | | | | | | | | | | | |
| | 175.0 | 377 | 2.4 | 8 | 10300 | | | | | | | | | | | | | | | | | |
| 65.1 | 1012 | 0.9 | 43 | 14200 | 132S2C / 132S2D | 157 | 147 | 152 | 142 | 139 | 129 | 200-201 | | | | | | | | | | |
| 80.0 | 824 | 1.2 | 35 | 13300 | | | | | | | | | | | | | | | | | | |
| 96.6 | 682 | 1.3 | 29 | 12500 | | | | | | | | | | | | | | | | | | |
| 112.0 | 588 | 1.6 | 25 | 11900 | | | | | | | | | | | | | | | | | | |
| 133.3 | 494 | 1.8 | 21 | 11300 | | | | | | | | | | | | | | | | | | |
| 164.7 | 400 | 2.0 | 17 | 10500 | | | | | | | | | | | | | | | | | | |
| 186.7 | 353 | 2.0 | 15 | 10100 | | | | | | | | | | | | | | | | | | |
| 215.4 | 306 | 2.3 | 13 | 9590 | | | | | | | | | | | | | | | | | | |
| 254.5 | 259 | 2.4 | 11 | 9080 | | | | | | | | | | | | | | | | | | |
| 350.0 | 188 | 2.4 | 8 | 8170 | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------------|-------------------------|--|------|-----|------|-----|---------|------------------------|---|------------------------|------|-----|------|-----|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 7.50 | 615 | 52.9 | 1245 | 0.9 | 17 | 13800 | 160M6B / 160M6C | 154 | 136 | 151 | 141 | 145 | 135 | 196-197 | | | | | | | | |
| | | 60.0 | 1098 | 1.0 | 15 | 13300 | | | | | | | | | | | | | | | | |
| | | 69.2 | 952 | 1.0 | 13 | 12700 | | | | | | | | | | | | | | | | |
| | | 81.8 | 805 | 1.3 | 11 | 12100 | | | | | | | | | | | | | | | | |
| | | 112.5 | 586 | 1.3 | 8 | 11000 | | | | | | | | | | | | | | | | |
| | | 150.0 | 439 | 1.3 | 6 | 10100 | | | | | | | | | | | | | | | | |
| | | 56.0 | 1177 | 0.9 | 25 | 13700 | | | | | | | | | 132M4C / 132M4D | 115 | 108 | 112 | 98 | 106 | 92 | 196-197 |
| | | 66.7 | 988 | 0.9 | 21 | 13000 | | | | | | | | | | | | | | | | |
| | | 82.4 | 800 | 1.2 | 17 | 12200 | | | | | | | | | | | | | | | | |
| | 93.3 | 706 | 1.3 | 15 | 11800 | | | | | | | | | | | | | | | | | |
| | 107.7 | 612 | 1.3 | 13 | 11300 | | | | | | | | | | | | | | | | | |
| | 127.3 | 518 | 1.7 | 11 | 10700 | | | | | | | | | | | | | | | | | |
| | 175.0 | 377 | 1.7 | 8 | 9720 | | | | | | | | | | | | | | | | | |
| | 233.3 | 282 | 1.7 | 6 | 8900 | | | | | | | | | | | | | | | | | |
| | 112.0 | 588 | 0.9 | 25 | 11100 | 132S2C / 132S2D | 115 | 108 | 112 | 98 | 106 | 92 | 196-197 | | | | | | | | | |
| | 133.3 | 494 | 0.9 | 21 | 10600 | | | | | | | | | | | | | | | | | |
| | 164.7 | 400 | 1.2 | 17 | 9900 | | | | | | | | | | | | | | | | | |
| | 186.7 | 353 | 1.3 | 15 | 9520 | | | | | | | | | | | | | | | | | |
| | 215.4 | 306 | 1.3 | 13 | 9120 | | | | | | | | | | | | | | | | | |
| | 254.5 | 259 | 1.7 | 11 | 8670 | | | | | | | | | | | | | | | | | |
| | 350.0 | 188 | 1.7 | 8 | 7870 | | | | | | | | | | | | | | | | | |
| | 466.7 | 141 | 1.7 | 6 | 7220 | | | | | | | | | | | | | | | | | |
| | 66.7 | 988 | 0.9 | 21 | 11200 | | | | | | | | | 132M4C / 132M4D | 113 | 108 | 112 | 107 | 106 | 101 | 192-193 | |
| | 82.4 | 800 | 1.2 | 17 | 10500 | | | | | | | | | | | | | | | | | |
| 93.3 | 706 | 1.2 | 15 | 10100 | | | | | | | | | | | | | | | | | | |
| 107.7 | 612 | 1.3 | 13 | 9640 | | | | | | | | | | | | | | | | | | |
| 127.3 | 518 | 1.3 | 11 | 9160 | | | | | | | | | | | | | | | | | | |
| 133.3 | 494 | 0.9 | 21 | 9030 | 132S2C / 132S2D | 113 | 108 | 112 | 107 | 106 | 101 | 192-193 | | | | | | | | | | |
| 164.7 | 400 | 1.2 | 17 | 8470 | | | | | | | | | | | | | | | | | | |
| 186.7 | 353 | 1.2 | 15 | 8160 | | | | | | | | | | | | | | | | | | |
| 215.4 | 306 | 1.3 | 13 | 7810 | | | | | | | | | | | | | | | | | | |
| 254.5 | 259 | 1.3 | 11 | 7420 | | | | | | | | | | | | | | | | | | |
| 66.7 | 988 | 0.8 | 21 | 8740 | | | | | | | | | 132M4C / 132M4D | 112 | 107 | 111 | 106 | 105 | 100 | 188-189 | | |
| 82.4 | 800 | 0.9 | 17 | 8150 | | | | | | | | | | | | | | | | | | |
| 93.3 | 706 | 1.0 | 15 | 7810 | | | | | | | | | | | | | | | | | | |
| 107.7 | 612 | 1.2 | 13 | 7450 | | | | | | | | | | | | | | | | | | |
| 127.3 | 518 | 1.3 | 11 | 7040 | | | | | | | | | | | | | | | | | | |
| 175.0 | 377 | 1.3 | 8 | 6330 | | | | | | | | | | | | | | | | | | |
| 233.3 | 282 | 1.3 | 6 | 5760 | | | | | | | | | | | | | | | | | | |
| 133.3 | 494 | 0.8 | 21 | 6930 | 132S2C / 132S2D | 112 | 107 | 111 | 106 | 105 | 100 | 188-189 | | | | | | | | | | |
| 164.7 | 400 | 0.9 | 17 | 6460 | | | | | | | | | | | | | | | | | | |
| 186.7 | 353 | 1.0 | 15 | 6200 | | | | | | | | | | | | | | | | | | |
| 215.4 | 306 | 1.2 | 13 | 5910 | | | | | | | | | | | | | | | | | | |
| 254.5 | 259 | 1.3 | 11 | 5590 | | | | | | | | | | | | | | | | | | |
| 350.0 | 188 | 1.3 | 8 | 5030 | | | | | | | | | | | | | | | | | | |
| 466.7 | 141 | 1.3 | 6 | 4570 | | | | | | | | | | | | | | | | | | |
| 175.0 | 377 | 0.9 | 8 | 5480 | 132M4C / 132M4D | 91 | 89 | 89 | 87 | 86 | 84 | 184-185 | | | | | | | | | | |
| 233.3 | 282 | 0.9 | 6 | 4980 | | | | | | | | | | | | | | | | | | |
| 350.0 | 188 | 0.9 | 8 | 4350 | 132S2C / 132S2D | 91 | 89 | 89 | 87 | 86 | 84 | 184-185 | | | | | | | | | | |
| 9.20 | 627/19 | 1.2 | 60401 | 1.0 | 731 | 192000 | 160M6 | 2614 | - | 2742 | - | 2431 | - | 378-379 | | | | | | | | |
| | | 1.4 | 53625 | 1.1 | 649 | 192000 | | | | | | | | | | | | | | | | |
| | | 1.6 | 46189 | 1.3 | 559 | 192000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 39083 | 1.5 | 473 | 192000 | | | | | | | | | | | | | | | | |
| | | 2.4 | 31151 | 1.9 | 377 | 192000 | | | | | | | | | | | | | | | | |
| | | 2.8 | 26358 | 2.3 | 319 | 192000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 38829 | 1.5 | 731 | 192000 | 132M4 | 2573 | - | 2701 | - | 2390 | - | 378-379 | | | | | | | | |
| | | 2.2 | 34473 | 1.7 | 649 | 192000 | | | | | | | | | | | | | | | | |
| | | 2.5 | 29693 | 2.0 | 559 | 192000 | | | | | | | | | | | | | | | | |
| | | 3.0 | 25125 | 2.4 | 473 | 192000 | | | | | | | | | | | | | | | | |
| | | 3.7 | 20025 | 3.0 | 377 | 192000 | | | | | | | | | | | | | | | | |
| | | 1.6 | 46189 | 0.9 | 559 | 271000 | | | | | | | | | 160M6 | 1474 | - | 1409 | - | 1306 | - | 374-375 |
| | 1.9 | 39083 | 1.0 | 473 | 271000 | | | | | | | | | | | | | | | | | |
| | 2.4 | 31151 | 1.1 | 377 | 271000 | | | | | | | | | | | | | | | | | |
| | 2.5 | 29498 | 1.2 | 357 | 271000 | | | | | | | | | | | | | | | | | |
| | 2.8 | 26358 | 1.3 | 319 | 271000 | | | | | | | | | | | | | | | | | |
| | 3.3 | 22557 | 1.5 | 273 | 271000 | | | | | | | | | | | | | | | | | |
| | 3.9 | 19087 | 1.8 | 231 | 258000 | | | | | | | | | | | | | | | | | |
| | 4.6 | 16112 | 1.8 | 195 | 245000 | | | | | | | | | | | | | | | | | |
| | 5.5 | 13634 | 2.2 | 165 | 232000 | | | | | | | | | | | | | | | | | |
| | 7.4 | 9998 | 2.3 | 121 | 212000 | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|--------|-------|------|------|------|------|---|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | |
| 9.20 | 626/19 | 1.9 | 38829 | 1.0 | 731 | 271000 | 132M4 | 1433 | - | 1368 | - | 1265 | - | 374-375 | | |
| | | 2.2 | 34473 | 1.2 | 649 | 271000 | | | | | | | | | | |
| | | 2.5 | 29693 | 1.3 | 559 | 271000 | | | | | | | | | | |
| | | 3.0 | 25125 | 1.6 | 473 | 271000 | | | | | | | | | | |
| | | 3.7 | 20025 | 1.7 | 377 | 264000 | | | | | | | | | | |
| | | 3.9 | 18963 | 1.8 | 357 | 260000 | | | | | | | | | | |
| | | 4.4 | 16945 | 2.0 | 319 | 251000 | | | | | | | | | | |
| | | 5.1 | 14501 | 2.4 | 273 | 239000 | | | | | | | | | | |
| | | 6.1 | 12270 | 2.8 | 231 | 227000 | | | | | | | | | | |
| | 7.2 | 10358 | 2.9 | 195 | 206000 | | | | | | | | | | | |
| | 625/19 | 625/19 | 2.4 | 31151 | 0.8 | 377 | 245000 | 160M6 | 1218 | - | 1126 | - | 1061 | - | 370-371 | |
| | | | 2.5 | 29498 | 0.9 | 357 | 241000 | | | | | | | | | |
| | | | 2.8 | 26358 | 1.0 | 319 | 233000 | | | | | | | | | |
| | | | 3.3 | 22557 | 1.1 | 273 | 224000 | | | | | | | | | |
| | | | 3.9 | 19087 | 1.4 | 231 | 213000 | | | | | | | | | |
| | | | 4.6 | 16112 | 1.4 | 195 | 203000 | | | | | | | | | |
| | | | 5.5 | 13634 | 1.7 | 165 | 194000 | | | | | | | | | |
| | | 7.4 | 9998 | 1.8 | 121 | 177000 | | | | | | | | | | |
| | | 625/17 | 625/17 | 2.2 | 34473 | 0.9 | 649 | 253000 | 132M4 | 1177 | - | 1085 | - | 1020 | - | 370-371 |
| | | | | 2.5 | 29693 | 1.0 | 559 | 244000 | | | | | | | | |
| | | | | 3.0 | 25125 | 1.2 | 473 | 232000 | | | | | | | | |
| | | | | 3.7 | 20025 | 1.3 | 377 | 219000 | | | | | | | | |
| | | | | 3.9 | 18963 | 1.4 | 357 | 215000 | | | | | | | | |
| | | | | 4.4 | 16945 | 1.5 | 319 | 208000 | | | | | | | | |
| | | | | 5.1 | 14501 | 1.8 | 273 | 199000 | | | | | | | | |
| | | | | 6.1 | 12270 | 2.1 | 231 | 190000 | | | | | | | | |
| | | | | 7.2 | 10358 | 2.2 | 195 | 181000 | | | | | | | | |
| | | | 8.5 | 8764 | 2.6 | 165 | 173000 | | | | | | | | | |
| | 11.6 | | 6427 | 2.8 | 121 | 158000 | | | | | | | | | | |
| | 624/18 | | 624/18 | 2.4 | 31151 | 0.8 | 377 | 245000 | 160M6 | 1132 | - | 1040 | - | 975 | - | 366-367 |
| | | | | 2.5 | 29498 | 0.9 | 357 | 241000 | | | | | | | | |
| | | | | 2.8 | 26358 | 1.0 | 319 | 233000 | | | | | | | | |
| | | | | 3.3 | 22557 | 1.1 | 273 | 224000 | | | | | | | | |
| | | | | 3.9 | 19087 | 1.4 | 231 | 213000 | | | | | | | | |
| | | | | 4.6 | 16112 | 1.4 | 195 | 203000 | | | | | | | | |
| | | | | 5.5 | 13634 | 1.7 | 165 | 194000 | | | | | | | | |
| | | 7.4 | | 9998 | 1.8 | 121 | 177000 | | | | | | | | | |
| | | 624/18 | | 624/18 | 2.2 | 34473 | 0.9 | 649 | | | | | | | | |
| | | | 2.5 | | 29693 | 1.0 | 559 | 244000 | | | | | | | | |
| | | | 3.0 | | 25125 | 1.2 | 473 | 232000 | | | | | | | | |
| | | | 3.7 | | 20025 | 1.3 | 377 | 219000 | | | | | | | | |
| | | | 3.9 | | 18963 | 1.4 | 357 | 215000 | | | | | | | | |
| 4.4 | | | 16945 | | 1.5 | 319 | 208000 | | | | | | | | | |
| 5.1 | | | 14501 | | 1.8 | 273 | 199000 | | | | | | | | | |
| 6.1 | | | 12270 | | 2.1 | 231 | 190000 | | | | | | | | | |
| 7.2 | | | 10358 | | 2.2 | 195 | 181000 | | | | | | | | | |
| 8.5 | | 8764 | 2.6 | 165 | 173000 | | | | | | | | | | | |
| 11.6 | 6427 | 2.8 | 121 | 158000 | | | | | | | | | | | | |
| 624/18 | 624/18 | 3.3 | 22557 | 0.9 | 273 | 181000 | 160M6 | 808 | - | 762 | - | 741 | - | 362-363 | | |
| | | 3.9 | 19087 | 1.1 | 231 | 173000 | | | | | | | | | | |
| | | 4.6 | 16112 | 1.1 | 195 | 164000 | | | | | | | | | | |
| | | 5.5 | 13634 | 1.3 | 165 | 156000 | | | | | | | | | | |
| | | 7.4 | 9998 | 1.4 | 121 | 142000 | | | | | | | | | | |
| | 624/18 | 624/18 | 3.0 | 25125 | 0.9 | 473 | 189000 | 132M4 | 766 | - | 720 | - | 699 | - | 362-363 | |
| | | | 3.7 | 20025 | 1.0 | 377 | 176000 | | | | | | | | | |
| | | | 3.9 | 18963 | 1.1 | 357 | 175000 | | | | | | | | | |
| | | | 4.4 | 16945 | 1.2 | 319 | 169000 | | | | | | | | | |
| | | | 5.1 | 14501 | 1.4 | 273 | 161000 | | | | | | | | | |
| | | | 6.1 | 12270 | 1.6 | 231 | 153000 | | | | | | | | | |
| | | | 7.2 | 10358 | 1.7 | 195 | 145000 | | | | | | | | | |
| | | | 8.5 | 8764 | 1.8 | 165 | 138000 | | | | | | | | | |
| | | | 11.6 | 6427 | 1.8 | 121 | 125000 | | | | | | | | | |
| | | | 624/18 | 624/18 | 3.8 | 19414 | 1.1 | | | | | | | | | 731 |
| 4.3 | 17237 | 1.1 | | | 649 | 170000 | | | | | | | | | | |
| 5.0 | 14846 | 1.3 | | | 559 | 162000 | | | | | | | | | | |
| 5.9 | 12562 | 1.5 | | | 473 | 154000 | | | | | | | | | | |
| 7.4 | 10013 | 1.6 | | | 377 | 144000 | | | | | | | | | | |
| 7.8 | 9481 | 1.5 | | | 357 | 141000 | | | | | | | | | | |
| 8.8 | 8472 | 1.8 | | | 319 | 136000 | | | | | | | | | | |
| 10.3 | 7251 | 1.7 | | | 273 | 130000 | | | | | | | | | | |
| 12.1 | 6135 | 1.8 | | | 231 | 125000 | | | | | | | | | | |
| 14.4 | 5179 | 1.7 | | | 195 | 118000 | | | | | | | | | | |
| 17.0 | 4382 | 1.8 | 165 | 112000 | | | | | | | | | | | | |
| 23.1 | 3214 | 1.8 | 121 | 102000 | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|---------------|------|-----|-----|-----|-----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | |
| 9.20 | 624/16 | 3.3 | 22557 | 0.9 | 273 | 181000 | 160M6 | 767 | 760 | 721 | 714 | 700 | 693 | 358-359 |
| | | 3.9 | 19087 | 1.1 | 231 | 173000 | | | | | | | | |
| | | 4.6 | 16112 | 1.1 | 195 | 164000 | | | | | | | | |
| | | 5.5 | 13634 | 1.3 | 165 | 156000 | | | | | | | | |
| | | 7.4 | 9998 | 1.4 | 121 | 142000 | | | | | | | | |
| | | 3.0 | 25125 | 0.9 | 473 | 189000 | 132M4 | 727 | 719 | 681 | 673 | 660 | 652 | 358-359 |
| | | 3.7 | 20025 | 1.0 | 377 | 176000 | | | | | | | | |
| | | 3.9 | 18963 | 1.1 | 357 | 175000 | | | | | | | | |
| | | 4.4 | 16945 | 1.2 | 319 | 169000 | | | | | | | | |
| | | 5.1 | 14501 | 1.4 | 273 | 161000 | | | | | | | | |
| | | 6.1 | 12270 | 1.6 | 231 | 153000 | | | | | | | | |
| | | 7.2 | 10358 | 1.7 | 195 | 145000 | | | | | | | | |
| | 8.5 | 8764 | 1.8 | 165 | 138000 | | | | | | | | | |
| | 11.6 | 6427 | 1.8 | 121 | 125000 | | | | | | | | | |
| | 3.8 | 19414 | 1.1 | 731 | 175000 | 132M2 | 727 | 719 | 681 | 673 | 660 | 652 | 358-359 | |
| | 4.3 | 17237 | 1.1 | 649 | 170000 | | | | | | | | | |
| | 5.0 | 14846 | 1.3 | 559 | 162000 | | | | | | | | | |
| | 5.9 | 12562 | 1.5 | 473 | 154000 | | | | | | | | | |
| | 7.4 | 10013 | 1.6 | 377 | 144000 | | | | | | | | | |
| | 7.8 | 9481 | 1.5 | 357 | 141000 | | | | | | | | | |
| | 8.8 | 8472 | 1.8 | 319 | 136000 | | | | | | | | | |
| | 10.3 | 7251 | 1.7 | 273 | 130000 | | | | | | | | | |
| | 12.1 | 6135 | 1.8 | 231 | 125000 | | | | | | | | | |
| | 14.4 | 5179 | 1.7 | 195 | 118000 | | | | | | | | | |
| | 17.0 | 4382 | 1.8 | 165 | 112000 | | | | | | | | | |
| | 23.1 | 3214 | 1.8 | 121 | 102000 | | | | | | | | | |
| | 623/18 | 160M6 | 3.9 | 19087 | 0.8 | 231 | 155000 | 703 | - | 674 | - | 630 | - | 354-355 |
| | | | 4.6 | 16112 | 0.9 | 195 | 147000 | | | | | | | |
| | | | 5.5 | 13634 | 1.0 | 165 | 140000 | | | | | | | |
| | | | 7.4 | 9998 | 1.1 | 121 | 127000 | | | | | | | |
| | | 132M4 | 3.9 | 18963 | 0.8 | 357 | 156000 | 661 | - | 632 | - | 588 | - | 354-355 |
| | | | 4.4 | 16945 | 0.9 | 319 | 151000 | | | | | | | |
| | | | 5.1 | 14501 | 1.1 | 273 | 144000 | | | | | | | |
| | | | 6.1 | 12270 | 1.3 | 231 | 137000 | | | | | | | |
| | | | 7.2 | 10358 | 1.3 | 195 | 130000 | | | | | | | |
| | | | 8.5 | 8764 | 1.6 | 165 | 124000 | | | | | | | |
| 11.6 | | | 6427 | 1.7 | 121 | 113000 | | | | | | | | |
| 132M2 | | | 3.8 | 19414 | 0.9 | 731 | 157000 | | | | | | | |
| | 4.3 | 17237 | 0.8 | 649 | 152000 | | | | | | | | | |
| | 5.0 | 14846 | 1.0 | 559 | 145000 | | | | | | | | | |
| | 5.9 | 12562 | 1.2 | 473 | 138000 | | | | | | | | | |
| | 7.4 | 10013 | 1.3 | 377 | 128000 | | | | | | | | | |
| | 7.8 | 9481 | 1.5 | 357 | 126000 | | | | | | | | | |
| | 8.8 | 8472 | 1.5 | 319 | 123000 | | | | | | | | | |
| | 10.3 | 7251 | 1.7 | 273 | 117000 | | | | | | | | | |
| 623/16 | 160M6 | 3.9 | 19087 | 0.8 | 231 | 155000 | 662 | 652 | 633 | 623 | 589 | 579 | 350-351 | |
| | | 4.6 | 16112 | 0.9 | 195 | 147000 | | | | | | | | |
| | | 5.5 | 13634 | 1.0 | 165 | 140000 | | | | | | | | |
| | | 7.4 | 9998 | 1.1 | 121 | 127000 | | | | | | | | |
| | 132M4 | 3.9 | 18963 | 0.8 | 357 | 156000 | 622 | 611 | 593 | 582 | 549 | 538 | 350-351 | |
| | | 4.4 | 16945 | 0.9 | 319 | 151000 | | | | | | | | |
| | | 5.1 | 14501 | 1.1 | 273 | 144000 | | | | | | | | |
| | | 6.1 | 12270 | 1.3 | 231 | 137000 | | | | | | | | |
| | | 7.2 | 10358 | 1.3 | 195 | 130000 | | | | | | | | |
| | | 8.5 | 8764 | 1.6 | 165 | 124000 | | | | | | | | |
| | | 11.6 | 6427 | 1.7 | 121 | 113000 | | | | | | | | |
| | | 132M2 | 3.8 | 19414 | 0.9 | 731 | | | | | | | | 157000 |
| 4.3 | 17237 | | 0.8 | 649 | 152000 | | | | | | | | | |
| 5.0 | 14846 | | 1.0 | 559 | 145000 | | | | | | | | | |
| 5.9 | 12562 | | 1.2 | 473 | 138000 | | | | | | | | | |
| 7.4 | 10013 | | 1.3 | 377 | 128000 | | | | | | | | | |
| 7.8 | 9481 | | 1.5 | 357 | 126000 | | | | | | | | | |
| 8.8 | 8472 | | 1.5 | 319 | 123000 | | | | | | | | | |
| 10.3 | 7251 | | 1.7 | 273 | 117000 | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | |
|------------------------|---|--|--|---|---|---|--|---|---------------------------------|---|--------------|-----|-----|---|---------|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | |
| 9.20 | 622/17 | 5.5 7.4 | 13634 9998 | 0.8 0.9 | 165 121 | 113000 102000 | 160M6 | 595 | - | 582 | - | 552 | - | 346-346 | | | | |
| | | 5.1 6.1 7.2 8.5 11.6 | 14501 12270 10358 8764 6427 | 0.9 1.0 1.1 1.3 1.5 | 273 231 195 165 121 | 116000 110000 105000 100000 90700 | 132M4 | 552 | - | 539 | - | 509 | - | 346-347 | | | | |
| | | 622/13 | 5.1 6.1 7.2 8.5 11.6 | 14501 12270 10358 8764 6427 | 0.9 1.0 0.9 1.0 1.0 | 273 231 195 165 121 | 116000 110000 105000 100000 90700 | 132M4 | 499 | 493 | 486 | 480 | 456 | 450 | 342-343 | | | |
| | | | 5.0 5.9 7.4 8.8 10.3 12.1 14.4 17.0 23.1 | 14846 12562 10013 8472 7251 6135 5179 4382 3214 | 0.9 1.0 0.9 1.0 0.9 1.0 0.9 1.0 1.0 | 559 473 377 319 273 231 195 165 121 | 117000 111000 104000 99000 94000 89400 85000 80900 73600 | 132M2 | 499 | 493 | 486 | 480 | 456 | 450 | 342-343 | | | |
| | | | 621/16 | 7.4 8.8 10.3 12.1 14.4 17.0 23.1 | 10013 8472 7251 6135 5179 4382 3214 | 0.8 0.9 0.9 1.0 0.9 1.0 1.0 | 377 319 273 231 195 165 121 | 67800 67800 67800 66700 63400 60300 54900 | 132M2 | 447 | 438 | 425 | 416 | 406 | 397 | 338-339 | | |
| | | | | 621/13 | 7.2 8.5 11.6 | 10358 8764 6427 | 0.8 0.9 1.0 | 195 165 121 | 84400 84400 84400 | 132M4 | 424 | 418 | 402 | 396 | 383 | 377 | 334-335 | |
| | 7.4 8.8 10.3 12.1 14.4 17.0 23.1 | | | | 10013 8472 7251 6135 5179 4382 3214 | 0.8 0.9 0.9 1.0 0.9 1.0 1.0 | 377 319 273 231 195 165 121 | 67800 67800 67800 66700 63400 60300 54900 | 132M2 | 424 | 418 | 402 | 396 | 383 | 377 | 334-335 | | |
| | 621 | | | | 10.3 15.3 20.9 | 7814 5299 3862 | 1.3 2.2 3.0 | 87 59 43 | 84400 78400 71400 | 160M6 | 481 | - | 459 | - | 440 | - | 220-221 | |
| | | | | | 620/13 | 11.6 | 6427 | 0.9 | 121 | 67800 | 132M4 | 344 | 337 | 332 | 325 | 317 | 310 | 330-331 |
| | | | | | | 10.3 12.1 14.4 17.0 23.1 | 7251 6135 5179 4382 3214 | 0.9 1.0 0.9 1.0 1.0 | 273 231 195 165 121 | 67800 66700 63400 60300 54900 | 132M2 | 344 | 337 | 332 | 325 | 317 | 310 | 330-331 |
| | 620 | 10.3 15.3 20.9 | 7814 5299 3862 | | | 1.0 1.7 2.2 | 87 59 43 | 67800 61600 56000 | 160M6 | 390 | - | 378 | - | 363 | - | 216-217 | | |
| | | 619/13 | 11.6 13.5 | | | 6427 5524 | 0.9 1.0 | 121 104 | 51000 51000 | 132M4 | 319 | 315 | 304 | 300 | 274 | 270 | 322-323 | |
| | | | 10.3 12.1 14.4 17.0 19.6 23.1 26.9 | 7251 6135 5179 4382 3798 3214 2762 | | 0.8 0.9 0.9 1.0 1.0 1.0 1.0 | 273 231 195 165 143 121 104 | 51000 51000 51000 49700 47400 44800 42500 | 132M2 | 319 | 315 | 304 | 300 | 274 | 270 | 322-323 | | |
| | 619 | | 10.3 12.7 15.3 17.6 20.9 25.7 31.0 36.0 42.9 | 7814 6377 5299 4580 3862 3143 2605 2245 1886 | 0.9 1.1 1.2 1.5 1.7 1.9 2.5 2.8 3.0 | 87 71 59 51 43 35 29 25 21 | 51000 51000 50900 48400 45800 42700 40100 38200 36100 | 160M6 | 371 | - | 356 | - | 326 | - | 212-213 | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | | | | | | |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|---------------|------|-----|-----|-----|-----|---------|---------|-------|-----|-----|-----|-----|-----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 9.20 | 619 | 16.1 | 5023 | 1.3 | 87 | 50600 | 132M4 | 330 | - | 315 | - | 285 | - | 212-213 | | | | | | | | |
| | | 19.7 | 4099 | 1.4 | 71 | 47300 | | | | | | | | | | | | | | | | |
| | | 23.7 | 3406 | 1.6 | 59 | 44400 | | | | | | | | | | | | | | | | |
| | | 27.5 | 2945 | 1.9 | 51 | 42400 | | | | | | | | | | | | | | | | |
| | | 32.6 | 2483 | 2.2 | 43 | 40000 | | | | | | | | | | | | | | | | |
| | 40.0 | 2021 | 2.6 | 35 | 37400 | | | | | | | | | | | | | | | | | |
| | 618/13 | 17.0 | 4382 | 0.8 | 165 | 35500 | 132M2 | 254 | 247 | 241 | 234 | 221 | 214 | 314-315 | | | | | | | | |
| | | 19.6 | 3798 | 1.0 | 143 | 33800 | | | | | | | | | | | | | | | | |
| | | 23.1 | 3214 | 1.0 | 121 | 32100 | | | | | | | | | | | | | | | | |
| | | 26.9 | 2762 | 1.0 | 104 | 30500 | | | | | | | | | | | | | | | | |
| | 618 | 17.6 | 4580 | 0.9 | 51 | 34600 | 160M6 | 282 | - | 269 | - | 249 | - | 208-209 | | | | | | | | |
| | | 20.9 | 3862 | 1.1 | 43 | 32700 | | | | | | | | | | | | | | | | |
| | | 25.7 | 3143 | 1.4 | 35 | 30500 | | | | | | | | | | | | | | | | |
| | | 31.0 | 2605 | 1.5 | 29 | 28700 | | | | | | | | | | | | | | | | |
| | | 36.0 | 2245 | 1.9 | 25 | 27300 | | | | | | | | | | | | | | | | |
| | | 42.9 | 1886 | 2.2 | 21 | 25800 | | | | | | | | | | | | | | | | |
| | | 52.9 | 1527 | 2.4 | 17 | 24000 | | | | | | | | | | | | | | | | |
| | | 60.0 | 1347 | 2.5 | 15 | 23000 | | | | | | | | | | | | | | | | |
| | | 19.7 | 4099 | 0.9 | 71 | 33700 | | | | | | | | | 132M4 | 240 | - | 227 | - | 207 | - | 208-209 |
| | | 23.7 | 3406 | 1.0 | 59 | 31800 | | | | | | | | | | | | | | | | |
| 27.5 | | 2945 | 1.2 | 51 | 30300 | | | | | | | | | | | | | | | | | |
| 32.6 | | 2483 | 1.6 | 43 | 28500 | | | | | | | | | | | | | | | | | |
| 40.0 | | 2021 | 2.0 | 35 | 26700 | | | | | | | | | | | | | | | | | |
| 48.3 | | 1674 | 2.0 | 29 | 25100 | | | | | | | | | | | | | | | | | |
| 56.0 | 1443 | 2.5 | 25 | 23800 | | | | | | | | | | | | | | | | | | |
| 66.7 | 1212 | 2.9 | 21 | 22500 | | | | | | | | | | | | | | | | | | |
| 617 | 25.7 | 3143 | 0.9 | 35 | 22700 | 160M6 | 245 | - | 245 | - | 216 | - | 204-205 | | | | | | | | | |
| | 31.0 | 2605 | 1.1 | 29 | 21400 | | | | | | | | | | | | | | | | | |
| | 36.0 | 2245 | 1.3 | 25 | 20300 | | | | | | | | | | | | | | | | | |
| | 42.9 | 1886 | 1.5 | 21 | 19200 | | | | | | | | | | | | | | | | | |
| | 52.9 | 1527 | 1.6 | 17 | 17800 | | | | | | | | | | | | | | | | | |
| | 60.0 | 1347 | 1.9 | 15 | 17200 | | | | | | | | | | | | | | | | | |
| | 69.2 | 1168 | 2.2 | 13 | 16400 | | | | | | | | | | | | | | | | | |
| | 81.8 | 988 | 2.2 | 11 | 15500 | | | | | | | | | | | | | | | | | |
| | 27.5 | 2945 | 0.9 | 51 | 22500 | | | | | | | | | 132M4 | 202 | - | 202 | - | 173 | - | 204-205 | |
| | 32.6 | 2483 | 1.0 | 43 | 21300 | | | | | | | | | | | | | | | | | |
| | 40.0 | 2021 | 1.3 | 35 | 19900 | | | | | | | | | | | | | | | | | |
| 48.3 | 1674 | 1.5 | 29 | 18600 | | | | | | | | | | | | | | | | | | |
| 56.0 | 1443 | 1.7 | 25 | 17700 | | | | | | | | | | | | | | | | | | |
| 66.7 | 1212 | 2.0 | 21 | 16800 | | | | | | | | | | | | | | | | | | |
| 82.4 | 982 | 2.1 | 17 | 15600 | | | | | | | | | | | | | | | | | | |
| 93.3 | 866 | 2.5 | 15 | 15000 | | | | | | | | | | | | | | | | | | |
| 107.7 | 751 | 2.9 | 13 | 14300 | | | | | | | | | | | | | | | | | | |
| 127.3 | 635 | 2.9 | 11 | 13500 | | | | | | | | | | | | | | | | | | |
| 616 | 36.0 | 2245 | 0.9 | 25 | 17200 | 160M6 | 197 | 188 | 192 | 183 | 179 | 170 | 200-201 | | | | | | | | | |
| | 42.9 | 1886 | 1.0 | 21 | 16200 | | | | | | | | | | | | | | | | | |
| | 52.9 | 1527 | 1.2 | 17 | 15100 | | | | | | | | | | | | | | | | | |
| | 60.0 | 1347 | 1.2 | 15 | 14400 | | | | | | | | | | | | | | | | | |
| | 69.2 | 1168 | 1.4 | 13 | 13800 | | | | | | | | | | | | | | | | | |
| | 81.8 | 988 | 1.6 | 11 | 13000 | | | | | | | | | | | | | | | | | |
| | 112.5 | 718 | 1.6 | 8 | 11800 | | | | | | | | | | | | | | | | | |
| | 40.0 | 2021 | 0.9 | 35 | 16800 | | | | | | | | | 132M4 | 157 | 147 | 152 | 142 | 139 | 129 | 200-201 | |
| | 48.3 | 1674 | 1.1 | 29 | 15700 | | | | | | | | | | | | | | | | | |
| | 56.0 | 1443 | 1.3 | 25 | 15000 | | | | | | | | | | | | | | | | | |
| | 66.7 | 1212 | 1.4 | 21 | 14100 | | | | | | | | | | | | | | | | | |
| | 82.4 | 982 | 1.6 | 17 | 13100 | | | | | | | | | | | | | | | | | |
| | 93.3 | 866 | 1.6 | 15 | 12600 | | | | | | | | | | | | | | | | | |
| | 107.7 | 751 | 1.9 | 13 | 12100 | | | | | | | | | | | | | | | | | |
| | 127.3 | 635 | 1.9 | 11 | 11400 | | | | | | | | | | | | | | | | | |
| | 175.0 | 462 | 1.9 | 8 | 10300 | | | | | | | | | | | | | | | | | |
| | 80.0 | 1010 | 1.0 | 35 | 13300 | 132M2 | 157 | 147 | 152 | 142 | 139 | 129 | 200-201 | | | | | | | | | |
| | 96.6 | 837 | 1.1 | 29 | 12500 | | | | | | | | | | | | | | | | | |
| | 112.0 | 722 | 1.3 | 25 | 11900 | | | | | | | | | | | | | | | | | |
| 133.3 | 606 | 1.5 | 21 | 11300 | | | | | | | | | | | | | | | | | | |
| 164.7 | 491 | 1.7 | 17 | 10500 | | | | | | | | | | | | | | | | | | |
| 186.7 | 433 | 1.6 | 15 | 10100 | | | | | | | | | | | | | | | | | | |
| 215.4 | 375 | 1.9 | 13 | 9590 | | | | | | | | | | | | | | | | | | |
| 254.5 | 318 | 2.0 | 11 | 9080 | | | | | | | | | | | | | | | | | | |
| 350.0 | 231 | 2.0 | 8 | 8170 | | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|------|------|------|---------|--------------|---|--------------|-----|-----|-----|-----|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 9.20 | 615 | 60.0 | 1347 | 0.8 | 15 | 13300 | 160M6 | 154 | 136 | 151 | 141 | 145 | 135 | 196-197 | | | | | | | | |
| | | 69.2 | 1168 | 0.8 | 13 | 12700 | | | | | | | | | | | | | | | | |
| | | 81.8 | 988 | 1.1 | 11 | 12100 | | | | | | | | | | | | | | | | |
| | | 112.5 | 718 | 1.1 | 8 | 11000 | | | | | | | | | | | | | | | | |
| | | 150.0 | 539 | 1.1 | 6 | 10100 | | | | | | | | | | | | | | | | |
| | | 82.4 | 982 | 1.0 | 17 | 12200 | | | | | | | | | 132M4 | 115 | 108 | 112 | 98 | 106 | 92 | 196-197 |
| | | 93.3 | 866 | 1.1 | 15 | 11800 | | | | | | | | | | | | | | | | |
| | | 107.7 | 751 | 1.1 | 13 | 11300 | | | | | | | | | | | | | | | | |
| | | 127.3 | 635 | 1.4 | 11 | 10700 | | | | | | | | | | | | | | | | |
| | 175.0 | 462 | 1.4 | 8 | 9720 | | | | | | | | | | | | | | | | | |
| | 233.3 | 346 | 1.4 | 6 | 8900 | | | | | | | | | | | | | | | | | |
| | 164.7 | 491 | 1.0 | 17 | 9900 | 132M2 | 115 | 108 | 112 | 98 | 106 | 92 | 196-197 | | | | | | | | | |
| | 186.7 | 433 | 1.1 | 15 | 9520 | | | | | | | | | | | | | | | | | |
| | 215.4 | 375 | 1.1 | 13 | 9120 | | | | | | | | | | | | | | | | | |
| | 254.5 | 318 | 1.4 | 11 | 8670 | | | | | | | | | | | | | | | | | |
| | 350.0 | 231 | 1.4 | 8 | 7870 | | | | | | | | | | | | | | | | | |
| | 466.7 | 173 | 1.4 | 6 | 7220 | | | | | | | | | | | | | | | | | |
| | 82.4 | 982 | 1.0 | 17 | 10500 | | | | | | | | | 132M4 | 113 | 108 | 112 | 107 | 106 | 101 | 192-193 | |
| 93.3 | 866 | 1.0 | 15 | 10100 | | | | | | | | | | | | | | | | | | |
| 107.7 | 751 | 1.0 | 13 | 9640 | | | | | | | | | | | | | | | | | | |
| 127.3 | 635 | 1.1 | 11 | 9160 | | | | | | | | | | | | | | | | | | |
| 164.7 | 491 | 1.0 | 17 | 8470 | 132M2 | 113 | 108 | 112 | 107 | 106 | 101 | 192-193 | | | | | | | | | | |
| 186.7 | 433 | 1.0 | 15 | 8160 | | | | | | | | | | | | | | | | | | |
| 215.4 | 375 | 1.0 | 13 | 7810 | | | | | | | | | | | | | | | | | | |
| 254.5 | 318 | 1.1 | 11 | 7420 | | | | | | | | | | | | | | | | | | |
| 93.3 | 866 | 0.8 | 15 | 7810 | | | | | | | | | 132M4 | 112 | 107 | 111 | 106 | 105 | 100 | 188-189 | | |
| 107.7 | 751 | 1.0 | 13 | 7450 | | | | | | | | | | | | | | | | | | |
| 127.3 | 635 | 1.1 | 11 | 7040 | | | | | | | | | | | | | | | | | | |
| 175.0 | 462 | 1.1 | 8 | 6330 | | | | | | | | | | | | | | | | | | |
| 233.3 | 346 | 1.1 | 6 | 5760 | | | | | | | | | | | | | | | | | | |
| 186.7 | 433 | 0.8 | 15 | 6200 | 132M2 | 112 | 107 | 111 | 106 | 105 | 100 | 188-189 | | | | | | | | | | |
| 215.4 | 375 | 1.0 | 13 | 5910 | | | | | | | | | | | | | | | | | | |
| 254.5 | 318 | 1.1 | 11 | 5590 | | | | | | | | | | | | | | | | | | |
| 350.0 | 231 | 1.1 | 8 | 5030 | | | | | | | | | | | | | | | | | | |
| 466.7 | 173 | 1.1 | 6 | 4570 | | | | | | | | | | | | | | | | | | |
| 11.0 | 627/19 | 1.2 | 72218 | 0.8 | 731 | 192000 | 160L6B / 160L6D | 2614 | - | 2742 | - | 2431 | - | 378-379 | | | | | | | | |
| | | 1.4 | 64117 | 0.9 | 649 | 192000 | | | | | | | | | | | | | | | | |
| | | 1.6 | 55226 | 1.1 | 559 | 192000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 46729 | 1.3 | 473 | 192000 | | | | | | | | | | | | | | | | |
| | | 2.4 | 37245 | 1.6 | 377 | 192000 | | | | | | | | | | | | | | | | |
| | | 2.8 | 31515 | 1.9 | 319 | 192000 | | | | | | | | | | | | | | | | |
| | | 1.9 | 46426 | 1.3 | 731 | 192000 | 160M4C | 2614 | - | 2742 | - | 2431 | - | 378-379 | | | | | | | | |
| | | 2.2 | 41218 | 1.4 | 649 | 192000 | | | | | | | | | | | | | | | | |
| | | 2.5 | 35502 | 1.7 | 559 | 192000 | | | | | | | | | | | | | | | | |
| | | 3.0 | 30040 | 2.0 | 473 | 192000 | | | | | | | | | | | | | | | | |
| | | 3.7 | 23943 | 2.5 | 377 | 192000 | | | | | | | | | | | | | | | | |
| | | 4.4 | 20260 | 2.8 | 319 | 192000 | | | | | | | | | | | | | | | | |
| | 1.9 | 46729 | 0.9 | 473 | 271000 | 160L6B / 160L6D | 1474 | - | 1409 | - | 1306 | - | 374-375 | | | | | | | | | |
| | 2.4 | 37245 | 0.9 | 377 | 271000 | | | | | | | | | | | | | | | | | |
| | 2.5 | 35269 | 1.0 | 357 | 271000 | | | | | | | | | | | | | | | | | |
| | 2.8 | 31515 | 1.1 | 319 | 271000 | | | | | | | | | | | | | | | | | |
| | 3.3 | 26971 | 1.3 | 273 | 271000 | | | | | | | | | | | | | | | | | |
| | 3.9 | 22821 | 1.5 | 231 | 258000 | | | | | | | | | | | | | | | | | |
| | 4.6 | 19265 | 1.5 | 195 | 245000 | | | | | | | | | | | | | | | | | |
| | 5.5 | 16301 | 1.8 | 165 | 232000 | | | | | | | | | | | | | | | | | |
| | 7.4 | 11954 | 1.9 | 121 | 212000 | | | | | | | | | | | | | | | | | |
| | 1.9 | 46426 | 0.9 | 731 | 271000 | 160M4C | 1474 | - | 1409 | - | 1306 | - | 374-375 | | | | | | | | | |
| | 2.2 | 41218 | 1.0 | 649 | 271000 | | | | | | | | | | | | | | | | | |
| | 2.5 | 35502 | 1.1 | 559 | 271000 | | | | | | | | | | | | | | | | | |
| | 3.0 | 30040 | 1.3 | 473 | 271000 | | | | | | | | | | | | | | | | | |
| | 3.7 | 23943 | 1.4 | 377 | 264000 | | | | | | | | | | | | | | | | | |
| | 3.9 | 22673 | 1.5 | 357 | 260000 | | | | | | | | | | | | | | | | | |
| 4.4 | 20260 | 1.7 | 319 | 251000 | | | | | | | | | | | | | | | | | | |
| 5.1 | 17338 | 2.0 | 273 | 239000 | | | | | | | | | | | | | | | | | | |
| 6.1 | 14671 | 2.4 | 231 | 227000 | | | | | | | | | | | | | | | | | | |
| 7.2 | 12384 | 2.4 | 195 | 206000 | | | | | | | | | | | | | | | | | | |
| 8.5 | 10479 | 2.8 | 165 | 206000 | | | | | | | | | | | | | | | | | | |
| 11.6 | 7685 | 3.0 | 121 | 187000 | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | | | | | | | | | |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|-----------------|-----------------|--------|-----------------|------|------|-----|---------|---------|---------|---------|-----------------|------|------|-----|---------|---------|-----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | | | | |
| 11.0 | 625/19 | 2.8 | 31515 | 0.8 | 319 | 233000 | 160L6B / 160L6D | 1218 | - | 1126 | - | 1061 | - | 370-371 | | | | | | | | | | | |
| | | 3.3 | 26971 | 1.0 | 273 | 224000 | | | | | | | | | | | | | | | | | | | |
| | | 3.9 | 22821 | 1.1 | 231 | 213000 | | | | | | | | | | | | | | | | | | | |
| | | 4.6 | 19265 | 1.2 | 195 | 203000 | | | | | | | | | | | | | | | | | | | |
| | | 5.5 | 16301 | 1.4 | 165 | 194000 | | | | | | | | | | | | | | | | | | | |
| | | 7.4 | 11954 | 1.5 | 121 | 177000 | | | | | | | | | | | | | | | | | | | |
| | | 2.5 | 35502 | 0.8 | 559 | 244000 | | | | | | | | | 160M4C | 1218 | - | 1126 | - | 1061 | - | 370-371 | | | |
| | | 3.0 | 30040 | 1.0 | 473 | 232000 | | | | | | | | | | | | | | | | | | | |
| | | 3.7 | 23943 | 1.1 | 377 | 219000 | | | | | | | | | | | | | | | | | | | |
| | | 3.9 | 22673 | 1.1 | 357 | 215000 | | | | | | | | | | | | | | | | | | | |
| | | 4.4 | 20260 | 1.3 | 319 | 208000 | | | | | | | | | | | | | | | | | | | |
| | | 5.1 | 17338 | 1.5 | 273 | 199000 | | | | | | | | | | | | | | | | | | | |
| | | 6.1 | 14671 | 1.8 | 231 | 190000 | | | | | | | | | | | | | | | | | | | |
| | | 7.2 | 12384 | 1.9 | 195 | 181000 | | | | | | | | | | | | | | | | | | | |
| | 8.5 | 10479 | 2.2 | 165 | 173000 | | | | | | | | | | | | | | | | | | | | |
| | 11.6 | 7685 | 2.3 | 121 | 158000 | | | | | | | | | | | | | | | | | | | | |
| | 625/17 | 625/17 | 2.8 | 31515 | 0.8 | 319 | 233000 | 160L6B / 160L6D | 1132 | - | 1040 | - | 975 | - | 366-367 | | | | | | | | | | |
| | | | 3.3 | 26971 | 1.0 | 273 | 224000 | | | | | | | | | | | | | | | | | | |
| | | | 3.9 | 22821 | 1.1 | 231 | 213000 | | | | | | | | | | | | | | | | | | |
| | | | 4.6 | 19265 | 1.2 | 195 | 203000 | | | | | | | | | | | | | | | | | | |
| | | | 5.5 | 16301 | 1.4 | 165 | 194000 | | | | | | | | | | | | | | | | | | |
| | | | 7.4 | 11954 | 1.5 | 121 | 177000 | | | | | | | | | | | | | | | | | | |
| | | | 2.5 | 35502 | 0.8 | 559 | 244000 | | | | | | | | | 160M4C | 1132 | - | 1040 | - | 975 | - | 366-367 | | |
| | | 3.0 | 30040 | 1.0 | 473 | 232000 | | | | | | | | | | | | | | | | | | | |
| | | 3.7 | 23943 | 1.1 | 377 | 219000 | | | | | | | | | | | | | | | | | | | |
| | | 3.9 | 22673 | 1.1 | 357 | 215000 | | | | | | | | | | | | | | | | | | | |
| | | 4.4 | 20260 | 1.3 | 319 | 208000 | | | | | | | | | | | | | | | | | | | |
| | | 5.1 | 17338 | 1.5 | 273 | 199000 | | | | | | | | | | | | | | | | | | | |
| | | 6.1 | 14671 | 1.8 | 231 | 190000 | | | | | | | | | | | | | | | | | | | |
| | | 7.2 | 12384 | 1.9 | 195 | 181000 | | | | | | | | | | | | | | | | | | | |
| | 8.5 | 10479 | 2.2 | 165 | 173000 | | | | | | | | | | | | | | | | | | | | |
| | 11.6 | 7685 | 2.3 | 121 | 158000 | | | | | | | | | | | | | | | | | | | | |
| | 624/18 | 624/18 | 3.9 | 22821 | 0.9 | 231 | 173000 | 160L6B / 160L6D | 808 | - | 762 | - | 741 | - | 362-363 | | | | | | | | | | |
| | | | 4.6 | 19265 | 0.9 | 195 | 164000 | | | | | | | | | | | | | | | | | | |
| | | | 5.5 | 16301 | 1.1 | 165 | 156000 | | | | | | | | | | | | | | | | | | |
| | | | 7.4 | 11954 | 1.2 | 121 | 142000 | | | | | | | | | | | | | | | | | | |
| | | 624/16 | 624/16 | 3.7 | 23943 | 0.8 | 377 | 176000 | 160M4C | 808 | - | 762 | - | 741 | - | 362-363 | | | | | | | | | |
| | | | | 3.9 | 22673 | 0.9 | 357 | 175000 | | | | | | | | | | | | | | | | | |
| | | | | 4.4 | 20260 | 1.0 | 319 | 169000 | | | | | | | | | | | | | | | | | |
| | | | | 5.1 | 17338 | 1.2 | 273 | 161000 | | | | | | | | | | | | | | | | | |
| | | | | 6.1 | 14671 | 1.4 | 231 | 153000 | | | | | | | | | | | | | | | | | |
| | | | | 7.2 | 12384 | 1.4 | 195 | 145000 | | | | | | | | | | | | | | | | | |
| | | | | 8.5 | 10479 | 1.5 | 165 | 138000 | | | | | | | | | | | | | | | | | |
| | | | 11.6 | 7685 | 1.5 | 121 | 125000 | | | | | | | | | | | | | | | | | | |
| | | | 624/16 | 624/16 | 3.8 | 23213 | 0.9 | 731 | 175000 | 160M2B / 160M2C | 808 | - | 762 | - | 741 | - | 362-363 | | | | | | | | |
| | | | | | 4.3 | 20609 | 0.9 | 649 | 170000 | | | | | | | | | | | | | | | | |
| | | | | | 5.0 | 17751 | 1.1 | 559 | 162000 | | | | | | | | | | | | | | | | |
| | | | | | 5.9 | 15020 | 1.2 | 473 | 154000 | | | | | | | | | | | | | | | | |
| 7.4 | | | | | 11972 | 1.4 | 377 | 144000 | | | | | | | | | | | | | | | | | |
| 7.8 | | | | | 11337 | 1.3 | 357 | 141000 | | | | | | | | | | | | | | | | | |
| 8.8 | | 10130 | | | 1.5 | 319 | 136000 | | | | | | | | | | | | | | | | | | |
| 10.3 | | 8669 | | | 1.5 | 273 | 130000 | | | | | | | | | | | | | | | | | | |
| 12.1 | | 7335 | | | 1.5 | 231 | 125000 | | | | | | | | | | | | | | | | | | |
| 14.4 | | 6192 | | | 1.5 | 195 | 118000 | | | | | | | | | | | | | | | | | | |
| 17.0 | | 5240 | | | 1.5 | 165 | 112000 | | | | | | | | | | | | | | | | | | |
| 23.1 | | 3842 | | | 1.5 | 121 | 102000 | | | | | | | | | | | | | | | | | | |
| 624/16 | | 624/16 | | | 3.9 | 22821 | 0.9 | 231 | 173000 | | | | | | | | | 160L6B / 160L6D | 767 | 760 | 721 | 714 | 700 | 693 | 358-359 |
| | | | | | 4.6 | 19265 | 0.9 | 195 | 164000 | | | | | | | | | | | | | | | | |
| | | | 5.5 | 16301 | 1.1 | 165 | 156000 | | | | | | | | | | | | | | | | | | |
| | | | 7.4 | 11954 | 1.2 | 121 | 142000 | | | | | | | | | | | | | | | | | | |
| | 624/16 | 624/16 | 3.7 | 23943 | 0.8 | 377 | 176000 | 160M4C | 767 | 760 | 721 | 714 | 700 | 693 | 358-359 | | | | | | | | | | |
| | | | 3.9 | 22673 | 0.9 | 357 | 175000 | | | | | | | | | | | | | | | | | | |
| | | | 4.4 | 20260 | 1.0 | 319 | 169000 | | | | | | | | | | | | | | | | | | |
| | | | 5.1 | 17338 | 1.2 | 273 | 161000 | | | | | | | | | | | | | | | | | | |
| | | | 6.1 | 14671 | 1.4 | 231 | 153000 | | | | | | | | | | | | | | | | | | |
| | | | 7.2 | 12384 | 1.4 | 195 | 145000 | | | | | | | | | | | | | | | | | | |
| | | | 8.5 | 10479 | 1.5 | 165 | 138000 | | | | | | | | | | | | | | | | | | |
| | | | 11.6 | 7685 | 1.5 | 121 | 125000 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|-----|-----|-----|---------|---------|---|
| | | | | | | | | HC | HX | VC | VX | FC | FX | |
| 11.0 | 624/16 | 3.8 | 23213 | 0.9 | 731 | 175000 | 160M2B / 160M2C | 767 | 760 | 721 | 714 | 700 | 693 | 358-359 |
| | | 4.3 | 20609 | 0.9 | 649 | 170000 | | | | | | | | |
| | | 5.0 | 17751 | 1.1 | 559 | 162000 | | | | | | | | |
| | | 5.9 | 15020 | 1.2 | 473 | 154000 | | | | | | | | |
| | | 7.4 | 11972 | 1.4 | 377 | 144000 | | | | | | | | |
| | | 7.8 | 11337 | 1.3 | 357 | 141000 | | | | | | | | |
| | | 8.8 | 10130 | 1.5 | 319 | 136000 | | | | | | | | |
| | | 10.3 | 8669 | 1.5 | 273 | 130000 | | | | | | | | |
| | | 12.1 | 7335 | 1.5 | 231 | 125000 | | | | | | | | |
| | | 14.4 | 6192 | 1.5 | 195 | 118000 | | | | | | | | |
| 17.0 | 5240 | 1.5 | 165 | 112000 | | | | | | | | | | |
| 23.1 | 3842 | 1.5 | 121 | 102000 | | | | | | | | | | |
| 623/18 | 5.5 | 16301 | 0.9 | 165 | 140000 | 160L6B / 160L6D | 703 | - | 674 | - | 630 | - | 354-355 | |
| | | 7.4 | 11954 | 0.9 | 121 | | | | | | | | | 127000 |
| | 5.1 | 17338 | 0.9 | 273 | 144000 | 160M4C | 703 | - | 674 | - | 630 | - | 354-355 | |
| | | 6.1 | 14671 | 1.1 | 231 | | | | | | | | | 137000 |
| | | 7.2 | 12384 | 1.1 | 195 | | | | | | | | | 130000 |
| | | 8.5 | 10479 | 1.3 | 165 | | | | | | | | | 124000 |
| | 11.6 | 7685 | 1.4 | 121 | 113000 | | | | | | | | | |
| | 5.0 | 17751 | 0.9 | 559 | 145000 | 160M2B / 160M2C | 703 | - | 674 | - | 630 | - | 354-355 | |
| | | 5.9 | 15020 | 1.0 | 473 | | | | | | | | | 138000 |
| | | 7.4 | 11972 | 1.1 | 377 | | | | | | | | | 128000 |
| 7.8 | | 11337 | 1.3 | 357 | 126000 | | | | | | | | | |
| 8.8 | | 10130 | 1.2 | 319 | 123000 | | | | | | | | | |
| 10.3 | | 8669 | 1.5 | 273 | 117000 | | | | | | | | | |
| 12.1 | | 7335 | 1.5 | 231 | 112000 | | | | | | | | | |
| 14.4 | | 6192 | 1.5 | 195 | 106000 | | | | | | | | | |
| 17.0 | | 5240 | 1.5 | 165 | 101000 | | | | | | | | | |
| 23.1 | | 3842 | 1.5 | 121 | 91700 | | | | | | | | | |
| 623/16 | 5.5 | 16301 | 0.9 | 165 | 140000 | 160L6B / 160L6D | 662 | 652 | 633 | 623 | 589 | 579 | 350-351 | |
| | | 7.4 | 11954 | 0.9 | 121 | | | | | | | | | 127000 |
| | 5.1 | 17338 | 0.9 | 273 | 144000 | 160M4C | 662 | 652 | 633 | 623 | 589 | 579 | 350-351 | |
| | | 6.1 | 14671 | 1.1 | 231 | | | | | | | | | 137000 |
| | | 7.2 | 12384 | 1.1 | 195 | | | | | | | | | 130000 |
| | | 8.5 | 10479 | 1.3 | 165 | | | | | | | | | 124000 |
| | 11.6 | 7685 | 1.4 | 121 | 113000 | | | | | | | | | |
| | 5.0 | 17751 | 0.9 | 559 | 145000 | 160M2B / 160M2C | 662 | 652 | 633 | 623 | 589 | 579 | 350-351 | |
| | | 5.9 | 15020 | 1.0 | 473 | | | | | | | | | 138000 |
| | | 7.4 | 11972 | 1.1 | 377 | | | | | | | | | 128000 |
| 7.8 | | 11337 | 1.3 | 357 | 126000 | | | | | | | | | |
| 8.8 | | 10130 | 1.2 | 319 | 123000 | | | | | | | | | |
| 10.3 | | 8669 | 1.5 | 273 | 117000 | | | | | | | | | |
| 12.1 | | 7335 | 1.5 | 231 | 112000 | | | | | | | | | |
| 14.4 | | 6192 | 1.5 | 195 | 106000 | | | | | | | | | |
| 17.0 | | 5240 | 1.5 | 165 | 101000 | | | | | | | | | |
| 23.1 | | 3842 | 1.5 | 121 | 91700 | | | | | | | | | |
| 622/17 | 6.1 | 14671 | 0.9 | 231 | 110000 | 160M4C | 595 | - | 582 | - | 552 | - | 346-347 | |
| | 7.2 | 12384 | 0.9 | 195 | 105000 | | | | | | | | | |
| | 8.5 | 10479 | 1.1 | 165 | 100000 | | | | | | | | | |
| | 11.6 | 7685 | 1.2 | 121 | 90700 | | | | | | | | | |
| 621/16 | 12.1 | 7335 | 0.8 | 231 | 66700 | 160M2B / 160M2C | 487 | 466 | 465 | 444 | 446 | 425 | 338-339 | |
| | 17.0 | 5240 | 0.8 | 165 | 60300 | | | | | | | | | |
| | 23.1 | 3842 | 0.8 | 121 | 54900 | | | | | | | | | |
| 621 | 10.3 | 9342 | 1.1 | 87 | 84400 | 160L6B / 160L6D | 481 | - | 459 | - | 440 | - | 220-221 | |
| | 15.3 | 6336 | 1.9 | 59 | 78400 | | | | | | | | | |
| | 20.9 | 4618 | 2.5 | 43 | 71400 | | | | | | | | | |
| 16.1 | 6006 | 1.6 | 87 | 78000 | 160M4C | 481 | - | 459 | - | 440 | - | 220-221 | | |
| | 23.7 | 4073 | 2.5 | 59 | | | | | | | | | 69400 | |
| | 10.3 | 9342 | 0.8 | 87 | | | | | | | | | 67800 | 160L6B / 160L6D |
| 15.3 | 6336 | 1.4 | 59 | 61600 | | | | | | | | | | |
| 20.9 | 4618 | 1.9 | 43 | 56000 | | | | | | | | | | |
| 620 | 31.0 | 3114 | 2.5 | 29 | 49800 | | | | | | | | | |
| | 16.1 | 6006 | 1.2 | 87 | 61300 | 160M4C | 390 | - | 378 | - | 363 | - | 216-217 | |
| | 23.7 | 4073 | 1.7 | 59 | 54500 | | | | | | | | | |
| 32.6 | 2968 | 2.5 | 43 | 49600 | | | | | | | | | | |
| | | | | | | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] | IE2 / IE3 | Kg ~ | | | | | | mm | | | | | | | | |
|------------------------|------------|--|------------------------|----------------|------------------------|-------------------------|------------------------|------|-----|-----|-----|---------|---------|------------------------|---------------|-----|-----|-----|-----|---------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 11.0 | 619 | 12.7 | 7624 | 0.9 | 71 | 51000 | 160L6B / 160L6D | 371 | - | 356 | - | 326 | - | 212-213 | | | | | | | | |
| | | 15.3 | 6336 | 1.0 | 59 | 50900 | | | | | | | | | | | | | | | | |
| | | 17.6 | 5477 | 1.2 | 51 | 48400 | | | | | | | | | | | | | | | | |
| | | 20.9 | 4618 | 1.4 | 43 | 45800 | | | | | | | | | | | | | | | | |
| | | 25.7 | 3758 | 1.6 | 35 | 42700 | | | | | | | | | | | | | | | | |
| | | 31.0 | 3114 | 2.1 | 29 | 40100 | | | | | | | | | | | | | | | | |
| | | 36.0 | 2685 | 2.3 | 25 | 38200 | | | | | | | | | | | | | | | | |
| | | 42.9 | 2255 | 2.5 | 21 | 36100 | | | | | | | | | | | | | | | | |
| | | 16.1 | 6006 | 1.1 | 87 | 50600 | | | | | | | | | 160M4C | 371 | - | 356 | - | 326 | - | 212-213 |
| | | 19.7 | 4901 | 1.2 | 71 | 47300 | | | | | | | | | | | | | | | | |
| | | 23.7 | 4073 | 1.4 | 59 | 44400 | | | | | | | | | | | | | | | | |
| | | 27.5 | 3521 | 1.6 | 51 | 42400 | | | | | | | | | | | | | | | | |
| | 32.6 | 2968 | 1.9 | 43 | 40000 | | | | | | | | | | | | | | | | | |
| | 40.0 | 2416 | 2.2 | 35 | 37400 | | | | | | | | | | | | | | | | | |
| | 48.3 | 2002 | 2.7 | 29 | 35100 | | | | | | | | | | | | | | | | | |
| | 20.9 | 4618 | 1.0 | 43 | 32700 | 160L6B / 160L6D | 282 | - | 269 | - | 249 | - | 208-209 | | | | | | | | | |
| | 25.7 | 3758 | 1.2 | 35 | 30500 | | | | | | | | | | | | | | | | | |
| | 31.0 | 3114 | 1.3 | 29 | 28700 | | | | | | | | | | | | | | | | | |
| | 36.0 | 2685 | 1.6 | 25 | 27300 | | | | | | | | | | | | | | | | | |
| | 42.9 | 2255 | 1.8 | 21 | 25800 | | | | | | | | | | | | | | | | | |
| | 52.9 | 1826 | 2.0 | 17 | 24000 | | | | | | | | | | | | | | | | | |
| | 60.0 | 1611 | 2.1 | 15 | 23000 | | | | | | | | | | | | | | | | | |
| | 69.2 | 1396 | 2.5 | 13 | 22000 | | | | | | | | | | | | | | | | | |
| | 81.8 | 1181 | 2.6 | 11 | 20800 | | | | | | | | | | | | | | | | | |
| | 23.7 | 4073 | 0.8 | 59 | 31800 | 160M4C | 282 | - | 269 | - | 249 | - | 208-209 | | | | | | | | | |
| | 27.5 | 3521 | 1.0 | 51 | 30300 | | | | | | | | | | | | | | | | | |
| | 32.6 | 2968 | 1.3 | 43 | 28500 | | | | | | | | | | | | | | | | | |
| | 40.0 | 2416 | 1.7 | 35 | 26700 | | | | | | | | | | | | | | | | | |
| | 48.3 | 2002 | 1.7 | 29 | 25100 | | | | | | | | | | | | | | | | | |
| | 56.0 | 1726 | 2.1 | 25 | 23800 | | | | | | | | | | | | | | | | | |
| | 66.7 | 1450 | 2.5 | 21 | 22500 | | | | | | | | | | | | | | | | | |
| | 82.4 | 1174 | 2.7 | 17 | 21000 | | | | | | | | | | | | | | | | | |
| | 93.3 | 1035 | 2.8 | 15 | 20100 | | | | | | | | | | | | | | | | | |
| | 107.7 | 897 | 3.0 | 13 | 19200 | | | | | | | | | | | | | | | | | |
| | 127.3 | 759 | 3.0 | 11 | 18100 | | | | | | | | | | | | | | | | | |
| | 31.0 | 3114 | 1.0 | 29 | 21400 | | | | | | | | | 160L6B / 160L6D | 245 | - | 245 | - | 216 | - | 204-205 | |
| | 36.0 | 2685 | 1.1 | 25 | 20300 | | | | | | | | | | | | | | | | | |
| | 42.9 | 2255 | 1.3 | 21 | 19200 | | | | | | | | | | | | | | | | | |
| | 52.9 | 1826 | 1.3 | 17 | 17800 | | | | | | | | | | | | | | | | | |
| | 60.0 | 1611 | 1.6 | 15 | 17200 | | | | | | | | | | | | | | | | | |
| | 69.2 | 1396 | 1.8 | 13 | 16400 | | | | | | | | | | | | | | | | | |
| | 81.8 | 1181 | 1.8 | 11 | 15500 | | | | | | | | | | | | | | | | | |
| | 32.6 | 2968 | 0.8 | 43 | 21300 | 160M4C | 245 | - | 245 | - | 216 | - | 204-205 | | | | | | | | | |
| | 40.0 | 2416 | 1.1 | 35 | 19900 | | | | | | | | | | | | | | | | | |
| | 48.3 | 2002 | 1.3 | 29 | 18600 | | | | | | | | | | | | | | | | | |
| | 56.0 | 1726 | 1.4 | 25 | 17700 | | | | | | | | | | | | | | | | | |
| | 66.7 | 1450 | 1.7 | 21 | 16800 | | | | | | | | | | | | | | | | | |
| | 82.4 | 1174 | 1.8 | 17 | 15600 | | | | | | | | | | | | | | | | | |
| 93.3 | 1035 | 2.1 | 15 | 15000 | | | | | | | | | | | | | | | | | | |
| 107.7 | 897 | 2.4 | 13 | 14300 | | | | | | | | | | | | | | | | | | |
| 127.3 | 759 | 2.5 | 11 | 13500 | | | | | | | | | | | | | | | | | | |
| 42.9 | 2255 | 0.9 | 21 | 16200 | 160L6B / 160L6D | | | | | | | | | 197 | 188 | 192 | 183 | 179 | 170 | 200-201 | | |
| 52.9 | 1826 | 1.0 | 17 | 15100 | | | | | | | | | | | | | | | | | | |
| 60.0 | 1611 | 1.0 | 15 | 14400 | | | | | | | | | | | | | | | | | | |
| 69.2 | 1396 | 1.2 | 13 | 13800 | | | | | | | | | | | | | | | | | | |
| 81.8 | 1181 | 1.4 | 11 | 13000 | | | | | | | | | | | | | | | | | | |
| 112.5 | 859 | 1.4 | 8 | 11800 | | | | | | | | | | | | | | | | | | |
| 48.3 | 2002 | 0.9 | 29 | 15700 | 160M4C | 197 | 188 | 192 | 183 | 179 | 170 | 200-201 | | | | | | | | | | |
| 56.0 | 1726 | 1.0 | 25 | 15000 | | | | | | | | | | | | | | | | | | |
| 66.7 | 1450 | 1.2 | 21 | 14100 | | | | | | | | | | | | | | | | | | |
| 82.4 | 1174 | 1.4 | 17 | 13100 | | | | | | | | | | | | | | | | | | |
| 93.3 | 1035 | 1.3 | 15 | 12600 | | | | | | | | | | | | | | | | | | |
| 107.7 | 897 | 1.6 | 13 | 12100 | | | | | | | | | | | | | | | | | | |
| 127.3 | 759 | 1.6 | 11 | 11400 | | | | | | | | | | | | | | | | | | |
| 175.0 | 552 | 1.6 | 8 | 10300 | | | | | | | | | | | | | | | | | | |




| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm |
|------------------------|---|--|------------------------|----------------|------------------------|-------------------------|--|------|------|------|------|---------|---------|---|
| | | | | | | | | HC | HX | VC | VX | FC | FX | |
| 11.0 | 616 | 80.0 | 1208 | 0.8 | 35 | 13300 | 160M2B / 160M2C | 197 | 188 | 192 | 183 | 179 | 170 | 200-201 |
| | | 96.6 | 1001 | 0.9 | 29 | 12500 | | | | | | | | |
| | | 112.0 | 863 | 1.1 | 25 | 11900 | | | | | | | | |
| | | 133.3 | 725 | 1.2 | 21 | 11300 | | | | | | | | |
| | | 164.7 | 587 | 1.4 | 17 | 10500 | | | | | | | | |
| | | 186.7 | 518 | 1.4 | 15 | 10100 | | | | | | | | |
| | 215.4 | 449 | 1.6 | 13 | 9590 | | | | | | | | | |
| | 254.5 | 380 | 1.6 | 11 | 9080 | | | | | | | | | |
| | 350.0 | 276 | 1.6 | 8 | 8170 | | | | | | | | | |
| | 615 | 81.8 | 1181 | 0.9 | 11 | 12100 | 160L6B / 160L6D | 154 | 136 | 151 | 141 | 145 | 135 | 196-197 |
| | | 112.5 | 859 | 0.9 | 8 | 11000 | | | | | | | | |
| | | 150.0 | 644 | 0.9 | 6 | 10100 | | | | | | | | |
| 82.4 | | 1174 | 0.8 | 17 | 12200 | 160M4C | 154 | 136 | 151 | 141 | 145 | 135 | 196-197 | |
| 93.3 | | 1035 | 0.9 | 15 | 11800 | | | | | | | | | |
| 107.7 | | 897 | 0.9 | 13 | 11300 | | | | | | | | | |
| 127.3 | 759 | 1.2 | 11 | 10700 | | | | | | | | | | |
| 175.0 | 552 | 1.2 | 8 | 9720 | | | | | | | | | | |
| 233.3 | 414 | 1.2 | 6 | 8900 | | | | | | | | | | |
| 164.7 | 587 | 0.8 | 17 | 9900 | 160M2B / 160M2C | 154 | 136 | 151 | 141 | 145 | 135 | 196-197 | | |
| 186.7 | 518 | 0.9 | 15 | 9520 | | | | | | | | | | |
| 215.4 | 449 | 0.9 | 13 | 9120 | | | | | | | | | | |
| 254.5 | 380 | 1.2 | 11 | 8670 | | | | | | | | | | |
| 350.0 | 276 | 1.2 | 8 | 7870 | | | | | | | | | | |
| 466.7 | 207 | 1.2 | 6 | 7220 | | | | | | | | | | |
| 15.0 | 627/19 | 1.9 | 63722 | 0.9 | 473 | 192000 | 180L6A / 180L6B | 2655 | - | 2783 | - | 2472 | - | 378-379 |
| | | 2.4 | 50789 | 1.2 | 377 | 192000 | | | | | | | | |
| | | 2.8 | 42975 | 1.4 | 319 | 192000 | | | | | | | | |
| | | 1.9 | 63308 | 0.9 | 731 | 192000 | 160L4B | 2614 | - | 2742 | - | 2431 | - | 378-379 |
| | | 2.2 | 56207 | 1.1 | 649 | 192000 | | | | | | | | |
| | | 2.5 | 48412 | 1.2 | 559 | 192000 | | | | | | | | |
| | 3.0 | 40964 | 1.5 | 473 | 192000 | | | | | | | | | |
| | 3.7 | 32650 | 1.8 | 377 | 192000 | | | | | | | | | |
| | 4.4 | 27627 | 2.0 | 319 | 192000 | | | | | | | | | |
| | 626/19 | 2.8 | 42975 | 0.8 | 319 | 271000 | 180L6A / 180L6B | 1515 | - | 1450 | - | 1347 | - | 374-375 |
| | | 3.3 | 36778 | 0.9 | 273 | 271000 | | | | | | | | |
| | | 3.9 | 31120 | 1.1 | 231 | 258000 | | | | | | | | |
| | | 4.6 | 26270 | 1.1 | 195 | 245000 | | | | | | | | |
| | | 5.5 | 22229 | 1.3 | 165 | 232000 | | | | | | | | |
| | | 7.4 | 16301 | 1.4 | 121 | 212000 | | | | | | | | |
| | | 2.5 | 48412 | 0.8 | 559 | 271000 | 160L4B | 1474 | - | 1409 | - | 1306 | - | 374-375 |
| | | 3.0 | 40964 | 1.0 | 473 | 271000 | | | | | | | | |
| | | 3.7 | 32650 | 1.1 | 377 | 264000 | | | | | | | | |
| | | 3.9 | 30918 | 1.1 | 357 | 260000 | | | | | | | | |
| | | 4.4 | 27627 | 1.2 | 319 | 251000 | | | | | | | | |
| | | 5.1 | 23643 | 1.5 | 273 | 239000 | | | | | | | | |
| | 6.1 | 20006 | 1.7 | 231 | 227000 | | | | | | | | | |
| | 7.2 | 16888 | 1.8 | 195 | 206000 | | | | | | | | | |
| | 8.5 | 14290 | 2.1 | 165 | 206000 | | | | | | | | | |
| 11.6 | 10479 | 2.2 | 121 | 187000 | | | | | | | | | | |
| 625/19 | 3.9 | 31120 | 0.8 | 231 | 213000 | 180L6A / 180L6B | 1259 | - | 1167 | - | 1102 | - | 370-371 | |
| | 4.6 | 26270 | 0.9 | 195 | 203000 | | | | | | | | | |
| | 5.5 | 22229 | 1.0 | 165 | 194000 | | | | | | | | | |
| | 7.4 | 16301 | 1.1 | 121 | 177000 | | | | | | | | | |
| | 3.9 | 30918 | 0.8 | 357 | 215000 | 160L4B | 1218 | - | 1126 | - | 1061 | - | 370-371 | |
| | 4.4 | 27627 | 0.9 | 319 | 208000 | | | | | | | | | |
| | 5.1 | 23643 | 1.1 | 273 | 199000 | | | | | | | | | |
| | 6.1 | 20006 | 1.3 | 231 | 190000 | | | | | | | | | |
| | 7.2 | 16888 | 1.4 | 195 | 181000 | | | | | | | | | |
| | 8.5 | 14290 | 1.6 | 165 | 173000 | | | | | | | | | |
| | 11.6 | 10479 | 1.7 | 121 | 158000 | | | | | | | | | |
| | 625/17 | 3.9 | 31120 | 0.8 | 231 | | | | | | | | | 213000 |
| 4.6 | | 26270 | 0.9 | 195 | 203000 | | | | | | | | | |
| 5.5 | | 22229 | 1.0 | 165 | 194000 | | | | | | | | | |
| 7.4 | | 16301 | 1.1 | 121 | 177000 | | | | | | | | | |
| 3.9 | | 30918 | 0.8 | 357 | 215000 | 160L4B | 1132 | - | 1040 | - | 975 | - | 366-367 | |
| 4.4 | | 27627 | 0.9 | 319 | 208000 | | | | | | | | | |
| 5.1 | | 23643 | 1.1 | 273 | 199000 | | | | | | | | | |
| 6.1 | | 20006 | 1.3 | 231 | 190000 | | | | | | | | | |
| 7.2 | | 16888 | 1.4 | 195 | 181000 | | | | | | | | | |
| 8.5 | | 14290 | 1.6 | 165 | 173000 | | | | | | | | | |
| 11.6 | | 10479 | 1.7 | 121 | 158000 | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm |
|------------------------|---------------|--|------------------------|----------------|------------------|-------------------------|------------------------|------|-----|-----|-----|-----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | |
| 15.0 | 625 | 10.3 | 12740 | 2.2 | 87 | 162000 | 180L6A / 180L6B | - | - | - | - | - | - | 232 |
| | 624/18 | 5.5 | 22229 | 0.8 | 165 | 156000 | 180L6A / 180L6B | 849 | - | 803 | - | 782 | - | 362-363 |
| | | 7.4 | 16301 | 0.9 | 121 | 142000 | | | | | | | | |
| | | 5.1 | 23643 | 0.9 | 273 | 161000 | 160L4B | 808 | - | 762 | - | 741 | - | 362-363 |
| | | 6.1 | 20006 | 1.0 | 231 | 153000 | | | | | | | | |
| | | 7.2 | 16888 | 1.0 | 195 | 145000 | | | | | | | | |
| | | 8.5 | 14290 | 1.1 | 165 | 138000 | | | | | | | | |
| | | 11.6 | 10479 | 1.1 | 121 | 125000 | | | | | | | | |
| | | 5.0 | 24206 | 0.8 | 559 | 162000 | | | | | | | | |
| | | 5.9 | 20482 | 0.9 | 473 | 154000 | | | | | | | | |
| | | 7.4 | 16325 | 1.0 | 377 | 144000 | | | | | | | | |
| | | 7.8 | 15459 | 0.9 | 357 | 141000 | | | | | | | | |
| | | 8.8 | 13813 | 1.1 | 319 | 136000 | | | | | | | | |
| | 10.3 | 11822 | 1.1 | 273 | 130000 | | | | | | | | | |
| | 12.1 | 10003 | 1.1 | 231 | 125000 | | | | | | | | | |
| | 14.4 | 8444 | 1.1 | 195 | 118000 | | | | | | | | | |
| | 17.0 | 7145 | 1.1 | 165 | 112000 | | | | | | | | | |
| | 23.1 | 5240 | 1.1 | 121 | 102000 | | | | | | | | | |
| | 624/16 | 5.1 | 23643 | 0.9 | 273 | 161000 | 160L4B | 767 | 760 | 721 | 714 | 700 | 693 | 358-359 |
| | | 6.1 | 20006 | 1.0 | 231 | 153000 | | | | | | | | |
| | | 7.2 | 16888 | 1.0 | 195 | 145000 | | | | | | | | |
| | | 8.5 | 14290 | 1.1 | 165 | 138000 | | | | | | | | |
| | | 11.6 | 10479 | 1.1 | 121 | 125000 | | | | | | | | |
| | | 5.0 | 24206 | 0.8 | 559 | 162000 | | | | | | | | |
| 5.9 | | 20482 | 0.9 | 473 | 154000 | | | | | | | | | |
| 7.4 | | 16325 | 1.0 | 377 | 144000 | | | | | | | | | |
| 7.8 | | 15459 | 0.9 | 357 | 141000 | | | | | | | | | |
| 8.8 | | 13813 | 1.1 | 319 | 136000 | | | | | | | | | |
| 10.3 | | 11822 | 1.1 | 273 | 130000 | | | | | | | | | |
| 12.1 | | 10003 | 1.1 | 231 | 125000 | | | | | | | | | |
| 14.4 | 8444 | 1.1 | 195 | 118000 | | | | | | | | | | |
| 17.0 | 7145 | 1.1 | 165 | 112000 | | | | | | | | | | |
| 23.1 | 5240 | 1.1 | 121 | 102000 | | | | | | | | | | |
| 624 | 10.3 | 12740 | 1.8 | 87 | 128000 | 180L6A / 180L6B | - | - | - | - | - | - | 230 | |
| | 15.3 | 8640 | 2.6 | 59 | 115000 | | | | | | | | | |
| 623/18 | 7.2 | 16888 | 0.8 | 195 | 130000 | 160L4B | 703 | - | 674 | - | 630 | - | 354-355 | |
| | 8.5 | 14290 | 1.0 | 165 | 124000 | | | | | | | | | |
| | 11.6 | 10479 | 1.1 | 121 | 113000 | | | | | | | | | |
| | 7.4 | 16325 | 0.8 | 377 | 128000 | 160M2C / 160M2D | 703 | - | 674 | - | 630 | - | 354-355 | |
| | 7.8 | 15459 | 0.9 | 357 | 126000 | | | | | | | | | |
| | 8.8 | 13813 | 0.9 | 319 | 123000 | | | | | | | | | |
| | 10.3 | 11822 | 1.1 | 273 | 117000 | | | | | | | | | |
| | 12.1 | 10003 | 1.1 | 231 | 112000 | | | | | | | | | |
| | 14.4 | 8444 | 1.1 | 195 | 106000 | | | | | | | | | |
| | 17.0 | 7145 | 1.1 | 165 | 101000 | | | | | | | | | |
| | 23.1 | 5240 | 1.1 | 121 | 91700 | | | | | | | | | |
| | 623/16 | 7.2 | 16888 | 0.8 | 195 | | | | | | | | | 130000 |
| 8.5 | | 14290 | 1.0 | 165 | 124000 | | | | | | | | | |
| 11.6 | | 10479 | 1.1 | 121 | 113000 | | | | | | | | | |
| 7.4 | | 16325 | 0.8 | 377 | 128000 | 160M2C / 160M2D | 662 | 652 | 633 | 623 | 589 | 579 | 350-351 | |
| 7.8 | | 15459 | 0.9 | 357 | 126000 | | | | | | | | | |
| 8.8 | | 13813 | 0.9 | 319 | 123000 | | | | | | | | | |
| 10.3 | | 11822 | 1.1 | 273 | 117000 | | | | | | | | | |
| 12.1 | | 10003 | 1.1 | 231 | 112000 | | | | | | | | | |
| 14.4 | | 8444 | 1.1 | 195 | 106000 | | | | | | | | | |
| 17.0 | 7145 | 1.1 | 165 | 101000 | | | | | | | | | | |
| 23.1 | 5240 | 1.1 | 121 | 91700 | | | | | | | | | | |
| 623 | 10.3 | 12740 | 1.4 | 87 | 116000 | 180L6A / 180L6B | - | - | - | - | - | - | 228 | |
| | 15.3 | 8640 | 2.0 | 59 | 103000 | | | | | | | | | |
| | 20.9 | 6297 | 2.8 | 43 | 93400 | | | | | | | | | |
| 622/17 | 11.6 | 10479 | 0.9 | 121 | 90700 | 160L4B | 595 | - | 582 | - | 552 | - | 346-347 | |
| 622 | 10.3 | 12740 | 1.1 | 87 | 92700 | 180L6A / 180L6B | 603 | - | 590 | - | 590 | - | 224-225 | |
| | 15.3 | 8640 | 1.6 | 59 | 82500 | | | | | | | | | |
| | 20.9 | 6297 | 2.2 | 43 | 75100 | | | | | | | | | |
| 621 | 10.3 | 12740 | 0.8 | 87 | 84400 | 180L6A / 180L6B | 522 | - | 500 | - | 481 | - | 220-221 | |
| | 15.3 | 8640 | 1.4 | 59 | 78400 | | | | | | | | | |
| | 20.9 | 6297 | 1.8 | 43 | 71400 | | | | | | | | | |
| | 31.0 | 4247 | 2.4 | 29 | 63300 | | | | | | | | | |




| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm |
|------------------------|---|--|--|----------------|------------------|-------------------------|--|------------------------|-----|-----|-----|-----|---------|---|
| | | | | | | | | HC | HX | VC | VX | FC | FX | |
| 15.0 | 621 | 16.1 | 8190 | 1.2 | 87 | 78000 | 160L4B | 481 | - | 459 | - | 440 | - | 220-221 |
| | | 23.7 | 5554 | 1.8 | 59 | 69400 | | | | | | | | |
| | | 32.6 | 4048 | 2.5 | 43 | 63100 | | | | | | | | |
| | 620 | 15.3 20.9 31.0 42.9 | 8640 | 1.0 | 59 | 61600 | 180L6A / 180L6B | 431 | - | 419 | - | 404 | - | 216-217 |
| | | | 6297 | 1.4 | 43 | 56000 | | | | | | | | |
| | | | 4247 | 1.9 | 29 | 49800 | | | | | | | | |
| | | | 3075 | 2.3 | 21 | 45200 | | | | | | | | |
| | | | 8190 | 0.9 | 87 | 61300 | | | | | | | | |
| | 5554 | 1.3 | 59 | 54500 | | | | | | | | | | |
| | 4048 | 1.8 | 43 | 49600 | | | | | | | | | | |
| | 2730 | 2.6 | 29 | 44000 | | | | | | | | | | |
| | 17.6 | 7468 | 0.9 | 51 | 48400 | 180L6A / 180L6B | 412 | - | 397 | - | 367 | - | 212-213 | |
| | 20.9 | 6297 | 1.0 | 43 | 45800 | | | | | | | | | |
| | 25.7 | 5125 | 1.2 | 35 | 42700 | | | | | | | | | |
| | 31.0 | 4247 | 1.5 | 29 | 40100 | | | | | | | | | |
| | 36.0 | 3661 | 1.7 | 25 | 38200 | | | | | | | | | |
| | 42.9 | 3075 | 1.8 | 21 | 36100 | | | | | | | | | |
| | 52.9 | 2489 | 2.3 | 17 | 33600 | | | | | | | | | |
| | 60.0 | 2197 | 2.3 | 15 | 32300 | | | | | | | | | |
| | 69.2 | 1904 | 2.3 | 13 | 30700 | | | | | | | | | |
| | 81.8 | 1611 | 2.3 | 11 | 29000 | | | | | | | | | |
| | 619 | 19.7 23.7 27.5 32.6 40.0 48.3 56.0 66.7 82.4 93.3 107.7 127.3 | 6684 | 0.9 | 71 | | | | | | | | | 47300 |
| | | | 5554 | 1.0 | 59 | 44400 | | | | | | | | |
| | | | 4801 | 1.2 | 51 | 42400 | | | | | | | | |
| 4048 | | | 1.4 | 43 | 40000 | | | | | | | | | |
| 3295 | | | 1.6 | 35 | 37400 | | | | | | | | | |
| 2730 | | | 2.0 | 29 | 35100 | | | | | | | | | |
| 2353 | | | 2.3 | 25 | 33300 | | | | | | | | | |
| 1977 | | | 2.4 | 21 | 31500 | | | | | | | | | |
| 1600 | | | 2.9 | 17 | 29300 | | | | | | | | | |
| 1412 | | | 2.9 | 15 | 28100 | | | | | | | | | |
| 1224 | | | 2.9 | 13 | 26900 | | | | | | | | | |
| 1035 | | | 2.9 | 11 | 25400 | | | | | | | | | |
| 618 | | | 25.7 31.0 36.0 42.9 52.9 60.0 69.2 81.8 | 5125 | 0.9 | 35 | 30500 | 180L6A / 180L6B | 323 | - | 310 | - | 290 | - |
| | 4247 | 0.9 | | 29 | 28700 | | | | | | | | | |
| | 3661 | 1.1 | | 25 | 27300 | | | | | | | | | |
| | 3075 | 1.4 | | 21 | 25800 | | | | | | | | | |
| | 2489 | 1.5 | | 17 | 24000 | | | | | | | | | |
| | 2197 | 1.5 | | 15 | 23000 | | | | | | | | | |
| | 1904 | 1.8 | | 13 | 22000 | | | | | | | | | |
| | 1611 | 1.9 | | 11 | 20800 | | | | | | | | | |
| | 32.6 40.0 48.3 56.0 66.7 82.4 93.3 107.7 127.3 | 4048 | 1.0 | 43 | 28500 | 160L4B | 282 | - | 269 | - | 249 | - | 208-209 | |
| | | 3295 | 1.2 | 35 | 26700 | | | | | | | | | |
| | | 2730 | 1.2 | 29 | 25100 | | | | | | | | | |
| | | 2353 | 1.5 | 25 | 23800 | | | | | | | | | |
| | | 1977 | 1.8 | 21 | 22500 | | | | | | | | | |
| | | 1600 | 2.0 | 17 | 21000 | | | | | | | | | |
| 1412 | 2.1 | 15 | 20100 | | | | | | | | | | | |
| 1224 | 2.2 | 13 | 19200 | | | | | | | | | | | |
| 1035 | 2.2 | 11 | 18100 | | | | | | | | | | | |
| 617 | 42.9 52.9 60.0 69.2 81.8 | 3075 | 0.9 | 21 | 19200 | 180L6A / 180L6B | 286 | - | 286 | - | 257 | - | 204-205 | |
| | | 2489 | 1.0 | 17 | 17800 | | | | | | | | | |
| | | 2197 | 1.1 | 15 | 17200 | | | | | | | | | |
| | | 1904 | 1.3 | 13 | 16400 | | | | | | | | | |
| | 40.0 48.3 56.0 66.7 82.4 93.3 107.7 127.3 | 3295 | 0.8 | 35 | 19900 | 160L4B | 245 | - | 245 | - | 216 | - | 204-205 | |
| | | 2730 | 0.9 | 29 | 18600 | | | | | | | | | |
| | | 2353 | 1.0 | 25 | 17700 | | | | | | | | | |
| | | 1977 | 1.2 | 21 | 16800 | | | | | | | | | |
| | | 1600 | 1.3 | 17 | 15600 | | | | | | | | | |
| | | 1412 | 1.5 | 15 | 15000 | | | | | | | | | |
| 1224 | 1.8 | 13 | 14300 | | | | | | | | | | | |
| 1035 | 1.8 | 11 | 13500 | | | | | | | | | | | |
| 616 | 66.7 82.4 93.3 107.7 127.3 175.0 | 1977 | 0.9 | 21 | 14100 | 160L4B | 197 | 188 | 192 | 183 | 179 | 170 | 200-201 | |
| | | 1600 | 1.0 | 17 | 13100 | | | | | | | | | |
| | | 1412 | 1.0 | 15 | 12600 | | | | | | | | | |
| | | 1224 | 1.1 | 13 | 12100 | | | | | | | | | |
| | | 1035 | 1.2 | 11 | 11400 | | | | | | | | | |
| | | 753 | 1.2 | 8 | 10300 | | | | | | | | | |




| P ₁ [kW] | | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] | IE2 / IE3 | Kg ~ | | | | | | mm |
|------------------------|--------|--|------------------------|----------------|------------------|-------------------------|-----------------|------|-----|------|-----|------|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | |
| 15.0 | 616 | 133.3 | 988 | 0.9 | 21 | 11300 | 160M2C / 160M2D | 197 | 188 | 192 | 183 | 179 | 170 | 200-201 |
| | | 164.7 | 800 | 1.0 | 17 | 10500 | | | | | | | | |
| | | 186.7 | 706 | 1.0 | 15 | 10100 | | | | | | | | |
| | | 215.4 | 612 | 1.2 | 13 | 9590 | | | | | | | | |
| | | 254.5 | 518 | 1.2 | 11 | 9080 | | | | | | | | |
| | 350.0 | 377 | 1.2 | 8 | 8170 | | | | | | | | | |
| 615 | 127.3 | 1035 | 0.9 | 11 | 10700 | 160L4B | 154 | 136 | 151 | 141 | 145 | 135 | 196-197 | |
| | 175.0 | 753 | 0.9 | 8 | 9720 | 160M2C / 160M2D | 154 | 136 | 151 | 141 | 145 | 135 | 196-197 | |
| | 233.3 | 565 | 0.9 | 6 | 8900 | | | | | | | | | |
| 254.5 | 518 | 0.9 | 11 | 8670 | | | | | | | | | | |
| 350.0 | 377 | 0.9 | 8 | 7870 | | | | | | | | | | |
| 466.7 | 282 | 0.9 | 6 | 7220 | | | | | | | | | | |
| 18.5 | 627/19 | 2.4 | 62640 | 0.9 | 377 | 192000 | 200L6B / 200L6C | 2717 | - | 2845 | - | 2534 | - | 378-379 |
| | | 2.8 | 53003 | 1.1 | 319 | 192000 | | | | | | | | |
| | | 2.2 | 69321 | 0.9 | 649 | 192000 | 180M4A / 180M4B | 2655 | - | 2783 | - | 2472 | - | 378-379 |
| | | 2.5 | 59708 | 1.0 | 559 | 192000 | | | | | | | | |
| | | 3.0 | 50522 | 1.2 | 473 | 192000 | | | | | | | | |
| | 3.7 | 40268 | 1.5 | 377 | 192000 | | | | | | | | | |
| | 4.4 | 34073 | 1.7 | 319 | 192000 | | | | | | | | | |
| | 626/19 | 3.9 | 38381 | 0.9 | 231 | 258000 | 200L6B / 200L6C | 1577 | - | 1512 | - | 1409 | - | 374-375 |
| | | 4.6 | 32400 | 0.9 | 195 | 245000 | | | | | | | | |
| | | 5.5 | 27415 | 1.1 | 165 | 232000 | | | | | | | | |
| | | 7.4 | 20105 | 1.1 | 121 | 212000 | | | | | | | | |
| | | 3.7 | 40268 | 0.9 | 377 | 264000 | 180M4A / 180M4B | 1515 | - | 1450 | - | 1347 | - | 374-375 |
| | | 3.9 | 38132 | 0.9 | 357 | 260000 | | | | | | | | |
| | | 4.4 | 34073 | 1.0 | 319 | 251000 | | | | | | | | |
| | | 5.1 | 29160 | 1.2 | 273 | 239000 | | | | | | | | |
| | 6.1 | 24674 | 1.4 | 231 | 227000 | | | | | | | | | |
| | 7.2 | 20828 | 1.4 | 195 | 206000 | | | | | | | | | |
| | 8.5 | 17624 | 1.7 | 165 | 206000 | | | | | | | | | |
| | 11.6 | 12924 | 1.8 | 121 | 187000 | | | | | | | | | |
| | 625/19 | 5.5 | 27415 | 0.8 | 165 | 194000 | 200L6B / 200L6C | 1321 | - | 1229 | - | 1164 | - | 370-371 |
| | | 7.4 | 20105 | 0.9 | 121 | 177000 | | | | | | | | |
| | | 5.1 | 29160 | 0.9 | 273 | 199000 | 180M4A / 180M4B | 1259 | - | 1167 | - | 1102 | - | 370-371 |
| | | 6.1 | 24674 | 1.0 | 231 | 190000 | | | | | | | | |
| | | 7.2 | 20828 | 1.1 | 195 | 181000 | | | | | | | | |
| | 8.5 | 17624 | 1.3 | 165 | 173000 | | | | | | | | | |
| | 11.6 | 12924 | 1.4 | 121 | 158000 | | | | | | | | | |
| | 625/17 | 5.1 | 29160 | 0.9 | 273 | 199000 | 180M4A / 180M4B | 1173 | - | 1081 | - | 1016 | - | 366-367 |
| | | 6.1 | 24674 | 1.0 | 231 | 190000 | | | | | | | | |
| | | 7.2 | 20828 | 1.1 | 195 | 181000 | | | | | | | | |
| | | 8.5 | 17624 | 1.3 | 165 | 173000 | | | | | | | | |
| 11.6 | | 12924 | 1.4 | 121 | 158000 | | | | | | | | | |
| 625 | 10.3 | 15712 | 1.8 | 87 | 162000 | 200L6B / 200L6C | - | - | - | - | - | - | 232 | |
| | 15.3 | 10655 | 3.0 | 59 | 145000 | | | | | | | | | |
| 624/18 | 7.4 | 20134 | 0.8 | 377 | 144000 | 160M2D / 160L2C | 808 | - | 762 | - | 741 | - | 362-363 | |
| | 8.8 | 17037 | 0.9 | 319 | 136000 | | | | | | | | | |
| | 10.3 | 14580 | 0.9 | 273 | 130000 | | | | | | | | | |
| | 12.1 | 12337 | 0.9 | 231 | 125000 | | | | | | | | | |
| | 14.4 | 10414 | 0.9 | 195 | 118000 | | | | | | | | | |
| | 17.0 | 8812 | 0.9 | 165 | 112000 | | | | | | | | | |
| 23.1 | 6462 | 0.9 | 121 | 102000 | | | | | | | | | | |
| 624/16 | 7.4 | 20134 | 0.8 | 377 | 144000 | 160M2D / 160L2C | 767 | 760 | 721 | 714 | 700 | 693 | 358-359 | |
| | 8.8 | 17037 | 0.9 | 319 | 136000 | | | | | | | | | |
| | 10.3 | 14580 | 0.9 | 273 | 130000 | | | | | | | | | |
| | 12.1 | 12337 | 0.9 | 231 | 125000 | | | | | | | | | |
| | 14.4 | 10414 | 0.9 | 195 | 118000 | | | | | | | | | |
| | 17.0 | 8812 | 0.9 | 165 | 112000 | | | | | | | | | |
| 23.1 | 6462 | 0.9 | 121 | 102000 | | | | | | | | | | |
| 624 | 10.3 | 15712 | 1.4 | 87 | 128000 | 200L6B / 200L6C | 895 | - | 849 | - | 828 | - | 230 | |
| | 15.3 | 10655 | 2.1 | 59 | 115000 | | | | | | | | | |
| | 20.9 | 7766 | 3.0 | 43 | 104000 | | | | | | | | | |
| 623/18 | 10.3 | 14580 | 0.9 | 273 | 117000 | 160M2D / 160L2C | 703 | - | 674 | - | 630 | - | 354-355 | |
| | 12.1 | 12337 | 0.9 | 231 | 112000 | | | | | | | | | |
| | 14.4 | 10414 | 0.9 | 195 | 106000 | | | | | | | | | |
| | 17.0 | 8812 | 0.9 | 165 | 101000 | | | | | | | | | |
| | 23.1 | 6462 | 0.9 | 121 | 91700 | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|-----|-----|-----|-----|---------|---|------------------------|-----|-----|-----|-----|-----|---------|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | | |
| 18.5 | 623/16 | 10.3 | 14580 | 0.9 | 273 | 117000 | 160M2D / 160L2C | 662 | 652 | 633 | 623 | 589 | 579 | 350-351 | | | | | | | | |
| | | 12.1 | 12337 | 0.9 | 231 | 112000 | | | | | | | | | | | | | | | | |
| | | 14.4 | 10414 | 0.9 | 195 | 106000 | | | | | | | | | | | | | | | | |
| | | 17.0 | 8812 | 0.9 | 165 | 101000 | | | | | | | | | | | | | | | | |
| | | 23.1 | 6462 | 0.9 | 121 | 91700 | | | | | | | | | | | | | | | | |
| | 623 | 10.3 | 15712 | 1.1 | 87 | 116000 | 200L6B / 200L6C | 767 | - | 738 | - | 694 | - | 228 | | | | | | | | |
| | | 15.3 | 10655 | 1.6 | 59 | 103000 | | | | | | | | | | | | | | | | |
| | | 20.9 | 7766 | 2.3 | 43 | 93400 | | | | | | | | | | | | | | | | |
| | | 31.0 | 5237 | 3.0 | 29 | 83000 | | | | | | | | | | | | | | | | |
| | 622 | 10.3 | 15712 | 0.9 | 87 | 92700 | 200L6B / 200L6C | 666 | - | 653 | - | 653 | - | 224-225 | | | | | | | | |
| | | 15.3 | 10655 | 1.3 | 59 | 82500 | | | | | | | | | | | | | | | | |
| | | 20.9 | 7766 | 1.8 | 43 | 75100 | | | | | | | | | | | | | | | | |
| | | 31.0 | 5237 | 2.5 | 29 | 66800 | | | | | | | | | | | | | | | | |
| | 621 | 16.1 | 10101 | 1.2 | 87 | 82200 | 180M4A / 180M4B | 603 | - | 590 | - | 590 | - | 224-225 | | | | | | | | |
| | | 23.7 | 6850 | 1.8 | 59 | 73100 | | | | | | | | | | | | | | | | |
| | | 32.6 | 4992 | 2.5 | 43 | 66500 | | | | | | | | | | | | | | | | |
| | | 15.3 | 10655 | 1.1 | 59 | 78400 | | | | | | | | | 200L6B / 200L6C | 584 | - | 562 | - | 543 | - | 220-221 |
| | | 20.9 | 7766 | 1.5 | 43 | 71400 | | | | | | | | | | | | | | | | |
| | | 31.0 | 5237 | 2.0 | 29 | 63300 | | | | | | | | | | | | | | | | |
| | 42.9 | 3793 | 2.5 | 21 | 57500 | | | | | | | | | | | | | | | | | |
| | 620 | 16.1 | 10101 | 1.0 | 87 | 78000 | 180M4A / 180M4B | 522 | - | 500 | - | 481 | - | 220-221 | | | | | | | | |
| | | 23.7 | 6850 | 1.5 | 59 | 69400 | | | | | | | | | | | | | | | | |
| | | 32.6 | 4992 | 2.0 | 43 | 63100 | | | | | | | | | | | | | | | | |
| | | 48.3 | 3367 | 2.6 | 29 | 56100 | | | | | | | | | | | | | | | | |
| 15.3 | | 10655 | 0.8 | 59 | 61600 | 200L6B / 200L6C | | | | | | | | | 493 | - | 481 | - | 466 | - | 216-217 | |
| 20.9 | | 7766 | 1.1 | 43 | 56000 | | | | | | | | | | | | | | | | | |
| 31.0 | 5237 | 1.5 | 29 | 49800 | | | | | | | | | | | | | | | | | | |
| 42.9 | 3793 | 1.9 | 21 | 45200 | | | | | | | | | | | | | | | | | | |
| 60.0 | 2709 | 2.5 | 15 | 40800 | | | | | | | | | | | | | | | | | | |
| 81.8 | 1987 | 2.5 | 11 | 37200 | | | | | | | | | | | | | | | | | | |
| 619 | 23.7 | 6850 | 1.0 | 59 | 54500 | 180M4A / 180M4B | 431 | - | 419 | - | 404 | - | 216-217 | | | | | | | | | |
| | 32.6 | 4992 | 1.5 | 43 | 49600 | | | | | | | | | | | | | | | | | |
| | 48.3 | 3367 | 2.1 | 29 | 44000 | | | | | | | | | | | | | | | | | |
| | 66.7 | 2438 | 2.5 | 21 | 40000 | | | | | | | | | | | | | | | | | |
| | 20.9 | 7766 | 0.8 | 43 | 45800 | | | | | | | | | 200L6B / 200L6C | 474 | - | 459 | - | 429 | - | 212-213 | |
| | 25.7 | 6321 | 1.0 | 35 | 42700 | | | | | | | | | | | | | | | | | |
| | 31.0 | 5237 | 1.2 | 29 | 40100 | | | | | | | | | | | | | | | | | |
| | 36.0 | 4515 | 1.4 | 25 | 38200 | | | | | | | | | | | | | | | | | |
| | 42.9 | 3793 | 1.5 | 21 | 36100 | | | | | | | | | | | | | | | | | |
| | 52.9 | 3070 | 1.8 | 17 | 33600 | | | | | | | | | | | | | | | | | |
| | 60.0 | 2709 | 1.8 | 15 | 32300 | | | | | | | | | | | | | | | | | |
| | 69.2 | 2348 | 1.8 | 13 | 30700 | | | | | | | | | | | | | | | | | |
| 81.8 | 1987 | 1.9 | 11 | 29000 | | | | | | | | | | | | | | | | | | |
| 618 | 23.7 | 6850 | 0.8 | 59 | 44400 | 180M4A / 180M4B | 412 | - | 397 | - | 367 | - | 212-213 | | | | | | | | | |
| | 27.5 | 5921 | 1.0 | 51 | 42400 | | | | | | | | | | | | | | | | | |
| | 32.6 | 4992 | 1.1 | 43 | 40000 | | | | | | | | | | | | | | | | | |
| | 40.0 | 4064 | 1.3 | 35 | 37400 | | | | | | | | | | | | | | | | | |
| | 48.3 | 3367 | 1.6 | 29 | 35100 | | | | | | | | | | | | | | | | | |
| | 56.0 | 2903 | 1.9 | 25 | 33300 | | | | | | | | | | | | | | | | | |
| | 66.7 | 2438 | 2.0 | 21 | 31500 | | | | | | | | | | | | | | | | | |
| | 82.4 | 1974 | 2.3 | 17 | 29300 | | | | | | | | | | | | | | | | | |
| | 93.3 | 1742 | 2.3 | 15 | 28100 | | | | | | | | | | | | | | | | | |
| | 107.7 | 1509 | 2.3 | 13 | 26900 | | | | | | | | | | | | | | | | | |
| | 127.3 | 1277 | 2.3 | 11 | 25400 | | | | | | | | | | | | | | | | | |
| | 618 | 36.0 | 4515 | 0.9 | 25 | | | | | | | | | 27300 | 200L6B / 200L6C | 388 | - | 375 | - | 355 | - | 208-209 |
| 42.9 | | 3793 | 1.1 | 21 | 25800 | | | | | | | | | | | | | | | | | |
| 52.9 | | 3070 | 1.2 | 17 | 24000 | | | | | | | | | | | | | | | | | |
| 60.0 | | 2709 | 1.2 | 15 | 23000 | | | | | | | | | | | | | | | | | |
| 69.2 | | 2348 | 1.5 | 13 | 22000 | | | | | | | | | | | | | | | | | |
| 81.8 | | 1987 | 1.6 | 11 | 20800 | | | | | | | | | | | | | | | | | |
| 618 | 40.0 | 4064 | 1.0 | 35 | 26700 | 180M4A / 180M4B | 323 | - | 310 | - | 290 | - | 208-209 | | | | | | | | | |
| | 48.3 | 3367 | 1.0 | 29 | 25100 | | | | | | | | | | | | | | | | | |
| | 56.0 | 2903 | 1.2 | 25 | 23800 | | | | | | | | | | | | | | | | | |
| | 66.7 | 2438 | 1.5 | 21 | 22500 | | | | | | | | | | | | | | | | | |
| | 82.4 | 1974 | 1.6 | 17 | 21000 | | | | | | | | | | | | | | | | | |
| | 93.3 | 1742 | 1.7 | 15 | 20100 | | | | | | | | | | | | | | | | | |
| | 107.7 | 1509 | 1.8 | 13 | 19200 | | | | | | | | | | | | | | | | | |
| | 127.3 | 1277 | 1.8 | 11 | 18100 | | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------------------------|------|------|------|------|---------|---|---------|---|-----|---|-----|---|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | |
| 18.5 | 617 | 56.0 | 2903 | 0.8 | 25 | 17700 | 180M4A / 180M4B | 286 | - | 286 | - | 257 | - | 204-205 | | | | | | | |
| | | 66.7 | 2438 | 1.0 | 21 | 16800 | | | | | | | | | | | | | | | |
| | | 82.4 | 1974 | 1.0 | 17 | 15600 | | | | | | | | | | | | | | | |
| | | 93.3 | 1742 | 1.2 | 15 | 15000 | | | | | | | | | | | | | | | |
| 107.7 | | 1509 | 1.4 | 13 | 14300 | | | | | | | | | | | | | | | | |
| 127.3 | 1277 | 1.5 | 11 | 13500 | | | | | | | | | | | | | | | | | |
| 18.5 | 616 | 164.7 | 987 | 0.8 | 17 | 10500 | 160M2D / 160L2C | 197 | 188 | 192 | 183 | 179 | 170 | 200-201 | | | | | | | |
| | | 186.7 | 871 | 0.8 | 15 | 10100 | | | | | | | | | | | | | | | |
| | | 215.4 | 755 | 0.9 | 13 | 9590 | | | | | | | | | | | | | | | |
| | | 254.5 | 639 | 1.0 | 11 | 9080 | | | | | | | | | | | | | | | |
| | | 350.0 | 464 | 1.0 | 8 | 8170 | | | | | | | | | | | | | | | |
| 22.0 | 627/19 | 2.4 | 74490 | 0.8 | 377 | 192000 | 200L6C / 200L6D | 2717 | - | 2845 | - | 2534 | - | 378-379 | | | | | | | |
| | | 2.8 | 63030 | 0.9 | 319 | 192000 | | | | | | | | | | | | | | | |
| | | 627/19 | 2.5 | 71004 | 0.8 | 559 | 192000 | 180M4B / 180L4B | 2655 | - | 2783 | - | 2472 | - | 378-379 | | | | | | |
| | | | 3.0 | 60081 | 1.0 | 473 | 192000 | | | | | | | | | | | | | | |
| | | | 3.7 | 47887 | 1.2 | 377 | 192000 | | | | | | | | | | | | | | |
| | 4.4 | | 40520 | 1.4 | 319 | 192000 | | | | | | | | | | | | | | | |
| | 4.4 | | 40520 | 1.4 | 319 | 192000 | | | | | | | | | | | | | | | |
| | 627 | 10.3 | 18685 | 2.3 | 87 | 192000 | 200L6C / 200L6D | - | - | - | - | - | - | 236 | | | | | | | |
| | 626/19 | 5.5 | 32602 | 0.9 | 165 | 232000 | 200L6C / 200L6D | 1577 | - | 1512 | - | 1409 | - | 374-375 | | | | | | | |
| | | 7.4 | 23908 | 1.0 | 121 | 212000 | | | | | | | | | | | | | | | |
| | | 4.4 | 40520 | 0.8 | 319 | 251000 | 180M4B / 180L4B | 1515 | - | 1450 | - | 1347 | - | 374-375 | | | | | | | |
| | | 5.1 | 34677 | 1.0 | 273 | 239000 | | | | | | | | | | | | | | | |
| | | 6.1 | 29342 | 1.2 | 231 | 227000 | | | | | | | | | | | | | | | |
| | | 7.2 | 24769 | 1.2 | 195 | 206000 | | | | | | | | | | | | | | | |
| | 8.5 | 20958 | 1.4 | 165 | 206000 | | | | | | | | | | | | | | | | |
| | 11.6 | 15369 | 1.5 | 121 | 187000 | | | | | | | | | | | | | | | | |
| | 626 | 10.3 | 18685 | 2.0 | 87 | 192000 | 200L6C / 200L6D | - | - | - | - | - | - | 234 | | | | | | | |
| | 625/19 | 6.1 | 29342 | 0.9 | 231 | 190000 | 180M4B / 180L4B | 1259 | - | 1167 | - | 1102 | - | 370-371 | | | | | | | |
| | | 7.2 | 24769 | 0.9 | 195 | 181000 | | | | | | | | | | | | | | | |
| | | 8.5 | 20958 | 1.1 | 165 | 173000 | | | | | | | | | | | | | | | |
| | | 11.6 | 15369 | 1.2 | 121 | 158000 | | | | | | | | | | | | | | | |
| | 625/17 | 6.1 | 29342 | 0.9 | 231 | 190000 | 180M4B / 180L4B | 1173 | - | 1081 | - | 1016 | - | 366-367 | | | | | | | |
| 7.2 | | 24769 | 0.9 | 195 | 181000 | | | | | | | | | | | | | | | | |
| 8.5 | | 20958 | 1.1 | 165 | 173000 | | | | | | | | | | | | | | | | |
| 11.6 | | 15369 | 1.2 | 121 | 158000 | | | | | | | | | | | | | | | | |
| 625 | 10.3 | 18685 | 1.5 | 87 | 162000 | 200L6C / 200L6D | - | - | - | - | - | - | 232 | | | | | | | | |
| | 15.3 | 12671 | 2.5 | 59 | 145000 | | | | | | | | | | | | | | | | |
| 624 | 10.3 | 18685 | 1.2 | 87 | 128000 | 200L6C / 200L6D | 895 | - | 849 | - | 828 | - | 230 | | | | | | | | |
| | 15.3 | 12671 | 1.8 | 59 | 115000 | | | | | | | | | | | | | | | | |
| | 20.9 | 9235 | 2.5 | 43 | 104000 | | | | | | | | | | | | | | | | |
| 623 | 10.3 | 18685 | 0.9 | 87 | 116000 | 200L6C / 200L6D | 767 | - | 738 | - | 694 | - | 228 | | | | | | | | |
| | 15.3 | 12671 | 1.4 | 59 | 103000 | | | | | | | | | | | | | | | | |
| | 20.9 | 9235 | 1.9 | 43 | 93400 | | | | | | | | | | | | | | | | |
| | 31.0 | 6228 | 2.5 | 29 | 83000 | | | | | | | | | | | | | | | | |
| 622 | 15.3 | 12671 | 1.1 | 59 | 82500 | 200L6C / 200L6D | 666 | - | 653 | - | 653 | - | 224-225 | | | | | | | | |
| | 20.9 | 9235 | 1.5 | 43 | 75100 | | | | | | | | | | | | | | | | |
| | 31.0 | 6228 | 2.1 | 29 | 66800 | | | | | | | | | | | | | | | | |
| | 42.9 | 4510 | 2.9 | 21 | 60600 | | | | | | | | | | | | | | | | |
| 621 | 16.1 | 12012 | 1.0 | 87 | 82200 | 180M4B / 180L4B | 603 | - | 590 | - | 590 | - | 224-225 | | | | | | | | |
| | 23.7 | 8146 | 1.5 | 59 | 73100 | | | | | | | | | | | | | | | | |
| | 32.6 | 5937 | 2.1 | 43 | 66500 | | | | | | | | | | | | | | | | |
| | 48.3 | 4004 | 2.6 | 29 | 59100 | | | | | | | | | | | | | | | | |
| | 15.3 | 12671 | 0.9 | 59 | 78400 | | | | | | | | | 200L6C / 200L6D | 584 | - | 562 | - | 543 | - | 220-221 |
| | 20.9 | 9235 | 1.3 | 43 | 71400 | | | | | | | | | | | | | | | | |
| 31.0 | 6228 | 1.7 | 29 | 63300 | | | | | | | | | | | | | | | | | |
| 42.9 | 4510 | 2.1 | 21 | 57500 | | | | | | | | | | | | | | | | | |
| 60.0 | 3222 | 2.6 | 15 | 52000 | | | | | | | | | | | | | | | | | |
| 81.8 | 2362 | 2.8 | 11 | 47400 | | | | | | | | | | | | | | | | | |
| 621 | 16.1 | 12012 | 0.8 | 87 | 78000 | 180M4B / 180L4B | 522 | - | 500 | - | 481 | - | 220-221 | | | | | | | | |
| | 23.7 | 8146 | 1.3 | 59 | 69400 | | | | | | | | | | | | | | | | |
| | 32.6 | 5937 | 1.7 | 43 | 63100 | | | | | | | | | | | | | | | | |
| | 48.3 | 4004 | 2.2 | 29 | 56100 | | | | | | | | | | | | | | | | |
| | 66.7 | 2899 | 2.7 | 21 | 51000 | | | | | | | | | | | | | | | | |
| | 66.7 | 2899 | 2.7 | 21 | 51000 | | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|-----|------|-----|------|---------|---|------------------------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | |
| 22.0 | 620 | 20.9 | 9235 | 0.9 | 43 | 56000 | 200L6C / 200L6D | 493 | - | 481 | - | 466 | - | 216-217 | |
| | | 31.0 | 6228 | 1.3 | 29 | 49800 | | | | | | | | | |
| | | 42.9 | 4510 | 1.6 | 21 | 45200 | | | | | | | | | |
| | | 60.0 | 3222 | 2.1 | 15 | 40800 | | | | | | | | | |
| | | 81.8 | 2362 | 2.1 | 11 | 37200 | | | | | | | | | |
| | | 23.7 | 8146 | 0.9 | 59 | 54500 | | | | | | | | | 180M4B / 180L4B |
| | 32.6 | 5937 | 1.2 | 43 | 49600 | | | | | | | | | | |
| | 48.3 | 4004 | 1.8 | 29 | 44000 | | | | | | | | | | |
| | 66.7 | 2899 | 2.1 | 21 | 40000 | | | | | | | | | | |
| | 93.3 | 2071 | 2.6 | 15 | 36200 | | | | | | | | | | |
| | 127.3 | 1519 | 2.6 | 11 | 32900 | | | | | | | | | | |
| | 619 | 25.7 | 7517 | 0.8 | 35 | 42700 | 200L6C / 200L6D | 474 | - | 459 | - | 429 | - | 212-213 | |
| | | | 31.0 | 6228 | 1.0 | 29 | | | | | | | | | 40100 |
| | | | 36.0 | 5369 | 1.2 | 25 | | | | | | | | | 38200 |
| | | | 42.9 | 4510 | 1.2 | 21 | | | | | | | | | 36100 |
| | | | 52.9 | 3651 | 1.6 | 17 | | | | | | | | | 33600 |
| | | | 60.0 | 3222 | 1.6 | 15 | | | | | | | | | 32300 |
| | | 69.2 | 2792 | 1.6 | 13 | 30700 | | | | | | | | | |
| | | 81.8 | 2362 | 1.6 | 11 | 29000 | | | | | | | | | |
| | | 27.5 | 7041 | 0.8 | 51 | 42400 | 180M4B / 180L4B | 412 | - | 397 | - | 367 | - | 212-213 | |
| | | | 32.6 | 5937 | 0.9 | 43 | | | | | | | | | 40000 |
| 40.0 | | | 4832 | 1.1 | 35 | 37400 | | | | | | | | | |
| 48.3 | | | 4004 | 1.4 | 29 | 35100 | | | | | | | | | |
| 56.0 | 3452 | | 1.6 | 25 | 33300 | | | | | | | | | | |
| 66.7 | 2899 | | 1.7 | 21 | 31500 | | | | | | | | | | |
| 82.4 | 2347 | 2.0 | 17 | 29300 | | | | | | | | | | | |
| 93.3 | 2071 | 2.0 | 15 | 28100 | | | | | | | | | | | |
| 107.7 | 1795 | 2.0 | 13 | 26900 | | | | | | | | | | | |
| 127.3 | 1519 | 2.0 | 11 | 25400 | | | | | | | | | | | |
| 618 | 42.9 | 4510 | 0.9 | 21 | 25800 | 200L6C / 200L6D | 388 | - | 375 | - | 355 | - | 208-209 | | |
| | | 52.9 | 3651 | 1.0 | 17 | | | | | | | | | 24000 | |
| | | 60.0 | 3222 | 1.1 | 15 | | | | | | | | | 23000 | |
| | | 69.2 | 2792 | 1.3 | 13 | | | | | | | | | 22000 | |
| | | 81.8 | 2362 | 1.3 | 11 | | | | | | | | | 20800 | |
| | | 40.0 | 4832 | 0.8 | 35 | | | | | | | | | 26700 | 180M4B / 180L4B |
| | 48.3 | 4004 | 0.8 | 29 | 25100 | | | | | | | | | | |
| | 56.0 | 3452 | 1.0 | 25 | 23800 | | | | | | | | | | |
| | 66.7 | 2899 | 1.2 | 21 | 22500 | | | | | | | | | | |
| | 82.4 | 2347 | 1.4 | 17 | 21000 | | | | | | | | | | |
| | 93.3 | 2071 | 1.4 | 15 | 20100 | | | | | | | | | | |
| | 107.7 | 1795 | 1.5 | 13 | 19200 | | | | | | | | | | |
| 127.3 | 1519 | 1.5 | 11 | 18100 | | | | | | | | | | | |
| 617 | 66.7 | 2899 | 0.8 | 21 | 16800 | 180M4B / 180L4B | 286 | - | 286 | - | 257 | - | 204-205 | | |
| | | 82.4 | 2347 | 0.9 | 17 | | | | | | | | | 15600 | |
| | | 93.3 | 2071 | 1.0 | 15 | | | | | | | | | 15000 | |
| | | 107.7 | 1795 | 1.2 | 13 | | | | | | | | | 14300 | |
| | | 127.3 | 1519 | 1.2 | 11 | | | | | | | | | 13500 | |
| 30.0 | 627/19 | 3.7 | 65300 | 0.9 | 377 | 192000 | 200L4C / 200L4D | 2717 | - | 2845 | - | 2534 | - | 378-379 | |
| | | 4.4 | 55254 | 1.0 | 319 | 192000 | | | | | | | | | |
| | 627 | 10.3 | 25479 | 1.7 | 87 | 192000 | 225M6B / 225M6C | - | - | - | - | - | - | 236 | |
| | 626/19 | 6.1 | 40011 | 0.9 | 231 | 227000 | 200L4C / 200L4D | 1577 | - | 1512 | - | 1409 | - | 374-375 | |
| | | | 7.2 | 33776 | 0.9 | 195 | | | | | | | | | 206000 |
| | | | 8.5 | 28580 | 1.0 | 165 | | | | | | | | | 206000 |
| | | | 11.6 | 20958 | 1.1 | 121 | | | | | | | | | 187000 |
| | 626 | 10.3 | 25479 | 1.5 | 87 | 192000 | 225M6B / 225M6C | - | - | - | - | - | - | 234 | |
| | | | 15.3 | 17279 | 2.5 | 59 | | | | | | | | | 171000 |
| | 625 | 10.3 | 25479 | 1.1 | 87 | 162000 | 225M6B / 225M6C | 1327 | - | 1235 | - | 1170 | - | 232 | |
| | | | 15.3 | 17279 | 1.8 | 59 | | | | | | | | | 145000 |
| | | | 20.9 | 12593 | 2.3 | 43 | | | | | | | | | 132000 |
| | 624 | 10.3 | 25479 | 0.9 | 87 | 128000 | 225M6B / 225M6C | 973 | - | 927 | - | 906 | - | 230 | |
| | | | 15.3 | 17279 | 1.3 | 59 | | | | | | | | | 115000 |
| 20.9 | | | 12593 | 1.8 | 43 | 104000 | | | | | | | | | |
| 31.0 | | | 8493 | 2.3 | 29 | 92500 | | | | | | | | | |
| 623 | 15.3 | 17279 | 1.0 | 59 | 103000 | 225M6B / 225M6C | 850 | - | 821 | - | 777 | - | 228 | | |
| | | 20.9 | 12593 | 1.4 | 43 | | | | | | | | | 93400 | |
| | | 31.0 | 8493 | 1.8 | 29 | | | | | | | | | 83000 | |
| | | 42.9 | 6150 | 2.5 | 21 | | | | | | | | | 75400 | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | FR ₂ [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm | | | | | | | |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|-----|------|-----|------|---------|---|-----------------|-----|-----|-----|-----|-----|---------|
| | | | | | | | | HC | HX | VC | VX | FC | FX | | | | | | | | |
| 30.0 | 622 | 15.3 | 17279 | 0.8 | 59 | 82500 | 225M6B / 225M6C | 744 | - | 731 | - | 731 | - | 224-225 | | | | | | | |
| | | 20.9 | 12593 | 1.1 | 43 | 75100 | | | | | | | | | | | | | | | |
| | | 31.0 | 8493 | 1.5 | 29 | 66800 | | | | | | | | | | | | | | | |
| | | 42.9 | 6150 | 2.1 | 21 | 60600 | | | | | | | | | | | | | | | |
| | | 60.0 | 4393 | 2.4 | 15 | 54700 | | | | | | | | | | | | | | | |
| | | 81.8 | 3222 | 2.7 | 11 | 49900 | | | | | | | | | | | | | | | |
| | 621 | 23.7 | 11108 | 1.1 | 59 | 73100 | 200L4C / 200L4D | 666 | - | 653 | - | 653 | - | 224-225 | | | | | | | |
| | | 32.6 | 8096 | 1.5 | 43 | 66500 | | | | | | | | | | | | | | | |
| | | 48.3 | 5460 | 1.9 | 29 | 59100 | | | | | | | | | | | | | | | |
| | | 66.7 | 3954 | 2.4 | 21 | 53600 | | | | | | | | | | | | | | | |
| | | 93.3 | 2824 | 3.0 | 15 | 48400 | | | | | | | | | | | | | | | |
| | | 20.9 | 12593 | 0.9 | 43 | 71400 | | | | | | | | | 225M6B / 225M6C | 658 | - | 636 | - | 617 | - |
| | 31.0 | 8493 | 1.2 | 29 | 63300 | | | | | | | | | | | | | | | | |
| | 42.9 | 6150 | 1.6 | 21 | 57500 | | | | | | | | | | | | | | | | |
| | 60.0 | 4393 | 1.9 | 15 | 52000 | | | | | | | | | | | | | | | | |
| | 81.8 | 3222 | 2.0 | 11 | 47400 | | | | | | | | | | | | | | | | |
| | 23.7 | 11108 | 0.9 | 59 | 69400 | 200L4C / 200L4D | 584 | - | 562 | - | 543 | - | 220-221 | | | | | | | | |
| | 32.6 | 8096 | 1.2 | 43 | 63100 | | | | | | | | | | | | | | | | |
| | 48.3 | 5460 | 1.6 | 29 | 56100 | | | | | | | | | | | | | | | | |
| | 66.7 | 3954 | 2.0 | 21 | 51000 | | | | | | | | | | | | | | | | |
| | 93.3 | 2824 | 2.4 | 15 | 46100 | | | | | | | | | | | | | | | | |
| | 127.3 | 2071 | 2.4 | 11 | 42000 | | | | | | | | | | | | | | | | |
| | 620 | 31.0 | 8493 | 0.9 | 29 | 49800 | 225M6B / 225M6C | 569 | - | 557 | - | 542 | - | 216-217 | | | | | | | |
| | | 42.9 | 6150 | 1.2 | 21 | 45200 | | | | | | | | | | | | | | | |
| 60.0 | | 4393 | 1.5 | 15 | 40800 | | | | | | | | | | | | | | | | |
| 81.8 | | 3222 | 1.6 | 11 | 37200 | | | | | | | | | | | | | | | | |
| 32.6 | | 8096 | 0.9 | 43 | 49600 | 200L4C / 200L4D | | | | | | | | | 493 | - | 481 | - | 466 | - | 216-217 |
| 48.3 | | 5460 | 1.3 | 29 | 44000 | | | | | | | | | | | | | | | | |
| 66.7 | 3954 | 1.5 | 21 | 40000 | | | | | | | | | | | | | | | | | |
| 93.3 | 2824 | 1.9 | 15 | 36200 | | | | | | | | | | | | | | | | | |
| 127.3 | 2071 | 1.9 | 11 | 32900 | | | | | | | | | | | | | | | | | |
| 619 | 36.0 | 7322 | 0.9 | 25 | 38200 | | 225M6B / 225M6C | 550 | - | 535 | - | 505 | - | 212-213 | | | | | | | |
| | 42.9 | 6150 | 0.9 | 21 | 36100 | | | | | | | | | | | | | | | | |
| | 52.9 | 4979 | 1.1 | 17 | 33600 | | | | | | | | | | | | | | | | |
| | 60.0 | 4393 | 1.1 | 15 | 32300 | | | | | | | | | | | | | | | | |
| | 69.2 | 3807 | 1.1 | 13 | 30700 | | | | | | | | | | | | | | | | |
| | 81.8 | 3222 | 1.2 | 11 | 29000 | | | | | | | | | | | | | | | | |
| | 48.3 | 5460 | 1.0 | 29 | 35100 | 200L4C / 200L4D | 474 | - | 459 | - | 429 | - | 212-213 | | | | | | | | |
| | 56.0 | 4707 | 1.1 | 25 | 33300 | | | | | | | | | | | | | | | | |
| | 66.7 | 3954 | 1.2 | 21 | 31500 | | | | | | | | | | | | | | | | |
| | 82.4 | 3201 | 1.4 | 17 | 29300 | | | | | | | | | | | | | | | | |
| | 93.3 | 2824 | 1.4 | 15 | 28100 | | | | | | | | | | | | | | | | |
| | 107.7 | 2448 | 1.4 | 13 | 26900 | | | | | | | | | | | | | | | | |
| 127.3 | 2071 | 1.4 | 11 | 25400 | | | | | | | | | | | | | | | | | |
| 618 | 66.7 | 3954 | 0.9 | 21 | 22500 | 200L4C / 200L4D | 388 | - | 375 | - | 355 | - | 208-209 | | | | | | | | |
| | 82.4 | 3201 | 1.0 | 17 | 21000 | | | | | | | | | | | | | | | | |
| | 93.3 | 2824 | 1.0 | 15 | 20100 | | | | | | | | | | | | | | | | |
| | 107.7 | 2448 | 1.1 | 13 | 19200 | | | | | | | | | | | | | | | | |
| | 127.3 | 2071 | 1.1 | 11 | 18100 | | | | | | | | | | | | | | | | |
| 37.0 | 627/19 | 4.4 | 68146 | 0.8 | 319 | 192000 | 225M4A / 225M4B | 2793 | - | 2921 | - | 2610 | - | 378-379 | | | | | | | |
| | 626/19 | 8.5 | 35248 | 0.8 | 165 | 206000 | 225M4A / 225M4B | 2921 | - | 1588 | - | 1485 | - | 374-375 | | | | | | | |
| | | 11.6 | 25849 | 0.9 | 121 | 187000 | | | | | | | | | | | | | | | |
| | 622 | 23.7 | 13700 | 0.9 | 59 | 73100 | 225M4A / 225M4B | 744 | - | 731 | - | 731 | - | 224-225 | | | | | | | |
| | | 32.6 | 9985 | 1.2 | 43 | 66500 | | | | | | | | | | | | | | | |
| | | 48.3 | 6734 | 1.6 | 29 | 59100 | | | | | | | | | | | | | | | |
| | | 66.7 | 4876 | 1.9 | 21 | 53600 | | | | | | | | | | | | | | | |
| | | 93.3 | 3483 | 2.4 | 15 | 48400 | | | | | | | | | | | | | | | |
| | | 127.3 | 2554 | 2.6 | 11 | 44100 | | | | | | | | | | | | | | | |
| | 621 | 32.6 | 9985 | 1.0 | 43 | 63100 | 225M4A / 225M4B | 658 | - | 636 | - | 617 | - | 220-221 | | | | | | | |
| | | 48.3 | 6734 | 1.3 | 29 | 56100 | | | | | | | | | | | | | | | |
| | | 66.7 | 4876 | 1.6 | 21 | 51000 | | | | | | | | | | | | | | | |
| | | 93.3 | 3483 | 1.9 | 15 | 46100 | | | | | | | | | | | | | | | |
| | | 127.3 | 2554 | 1.9 | 11 | 42000 | | | | | | | | | | | | | | | |
| | 620 | 48.3 | 6734 | 1.1 | 29 | 44000 | 225M4A / 225M4B | 569 | - | 557 | - | 542 | - | 216-217 | | | | | | | |
| | | 66.7 | 4876 | 1.3 | 21 | 40000 | | | | | | | | | | | | | | | |
| | | 93.3 | 3483 | 1.6 | 15 | 36200 | | | | | | | | | | | | | | | |
| | | 127.3 | 2554 | 1.6 | 11 | 32900 | | | | | | | | | | | | | | | |

| P ₁ [kW] |  | n ₂ [Min ⁻¹] | M ₂ [Nm] | f _B | i _{ges} | F _{R2} [kN] |  IE2 / IE3 | Kg ~ | | | | | |  mm |
|------------------------|---|--|------------------------|----------------|------------------|-------------------------|--|------|----|------|----|------|----|---|
| | | | | | | | | HC | HX | VC | VX | FC | FX | |
| 37.0 | 619 | 48.3 | 6734 | 0.8 | 29 | 35100 | 225M4A / 225M4B | 550 | - | 535 | - | 505 | - | 212-213 |
| | | 56.0 | 5805 | 0.9 | 25 | 33300 | | | | | | | | |
| | | 66.7 | 4876 | 1.0 | 21 | 31500 | | | | | | | | |
| | | 82.4 | 3947 | 1.2 | 17 | 29300 | | | | | | | | |
| | | 93.3 | 3483 | 1.2 | 15 | 28100 | | | | | | | | |
| | | 107.7 | 3019 | 1.2 | 13 | 26900 | | | | | | | | |
| 127.3 | 2554 | 1.2 | 11 | 25400 | | | | | | | | | | |
| 45.0 | 622 | 32.6 | 12144 | 1.0 | 43 | 66500 | 225M4B / 225M4C | 744 | - | 731 | - | 731 | - | 224-225 |
| | | 48.3 | 8190 | 1.3 | 29 | 59100 | | | | | | | | |
| | | 66.7 | 5931 | 1.6 | 21 | 53600 | | | | | | | | |
| | | 93.3 | 4236 | 2.0 | 15 | 48400 | | | | | | | | |
| | | 127.3 | 3106 | 2.1 | 11 | 44100 | | | | | | | | |
| | 621 | 32.6 | 12144 | 0.8 | 43 | 63100 | 225M4B / 225M4C | 658 | - | 636 | - | 617 | - | 220-221 |
| | | 48.3 | 8190 | 1.1 | 29 | 56100 | | | | | | | | |
| | | 66.7 | 5931 | 1.3 | 21 | 51000 | | | | | | | | |
| | 620 | 48.3 | 8190 | 0.9 | 29 | 44000 | 225M4B / 225M4C | 569 | - | 557 | - | 542 | - | 216-217 |
| | | 66.7 | 5931 | 1.0 | 21 | 40000 | | | | | | | | |
| | | 93.3 | 4236 | 1.3 | 15 | 36200 | | | | | | | | |
| | 619 | 48.3 | 8190 | 0.9 | 29 | 44000 | 225M4B / 225M4C | 550 | - | 535 | - | 505 | - | 212-217 |
| 66.7 | | 5931 | 1.0 | 21 | 40000 | | | | | | | | | |
| 82.4 | | 4801 | 1.0 | 17 | 29300 | | | | | | | | | |
| 93.3 | | 4236 | 1.0 | 15 | 28100 | | | | | | | | | |
| 107.7 | | 3671 | 1.0 | 13 | 26900 | | | | | | | | | |
| 127.3 | 3106 | 1.0 | 11 | 25400 | | | | | | | | | | |
| 55.0 | 622 | 32.6 | 14842 | 0.8 | 43 | 66500 | 250M4A / 250M4B | 932 | - | 919 | - | 919 | - | 224-225 |
| | | 48.3 | 10010 | 1.0 | 29 | 59100 | | | | | | | | |
| | | 66.7 | 7248 | 1.3 | 21 | 53600 | | | | | | | | |
| | | 93.3 | 5177 | 1.6 | 15 | 48400 | | | | | | | | |
| | 621 | 48.3 | 10010 | 0.9 | 29 | 56100 | 250M4A / 250M4B | 838 | - | 816 | - | 797 | - | 220-221 |
| | | 66.7 | 7248 | 1.1 | 21 | 51000 | | | | | | | | |
| 75.0 | 622 | 66.7 | 9884 | 0.9 | 21 | 53600 | 280M4B / 280M4C | 1132 | - | 1119 | - | 1119 | - | 224-225 |
| | | 93.3 | 7060 | 1.2 | 15 | 48400 | | | | | | | | |
| | | 127.3 | 5177 | 1.3 | 11 | 44100 | | | | | | | | |
| | 621 | 93.3 | 7060 | 0.9 | 15 | 46100 | 280M4B / 280M4C | 1038 | - | 1016 | - | 997 | - | 220-221 |
| 90.0 | 622 | 93.3 | 8472 | 1.0 | 15 | 48400 | 280M4C / 280M4D | 1132 | - | 1119 | - | 1119 | - | 224-225 |
| | | 127.3 | 6213 | 1.1 | 11 | 44100 | | | | | | | | |



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Ölçü Tabloları

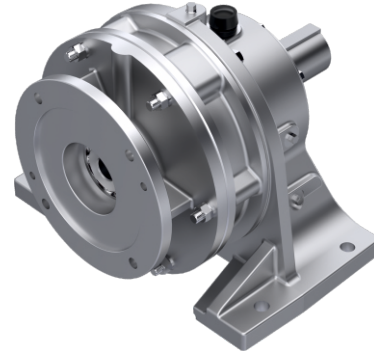
Dimension Tables

Maßtabellen

Dimensione Tabelle

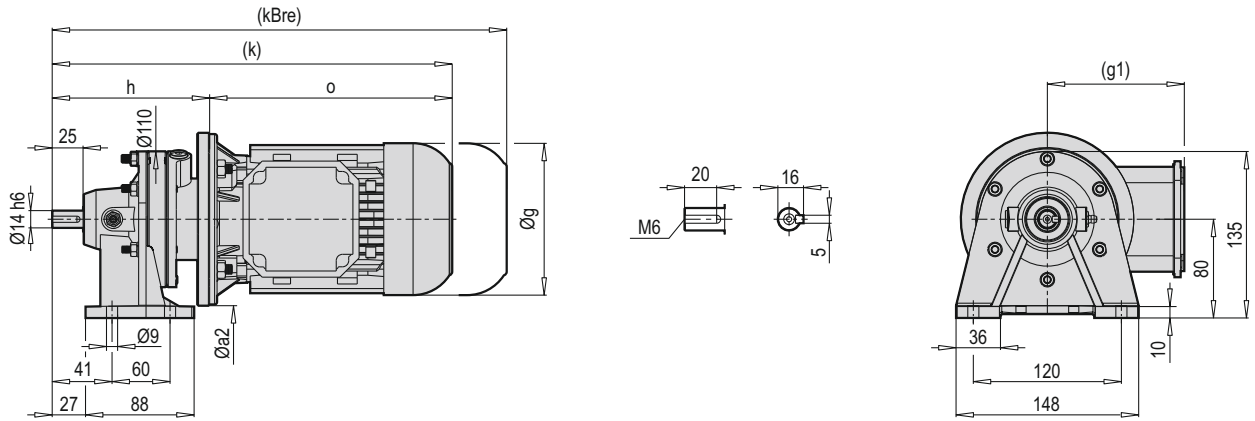
Tables De Dimension

Tablas De Dimensiones

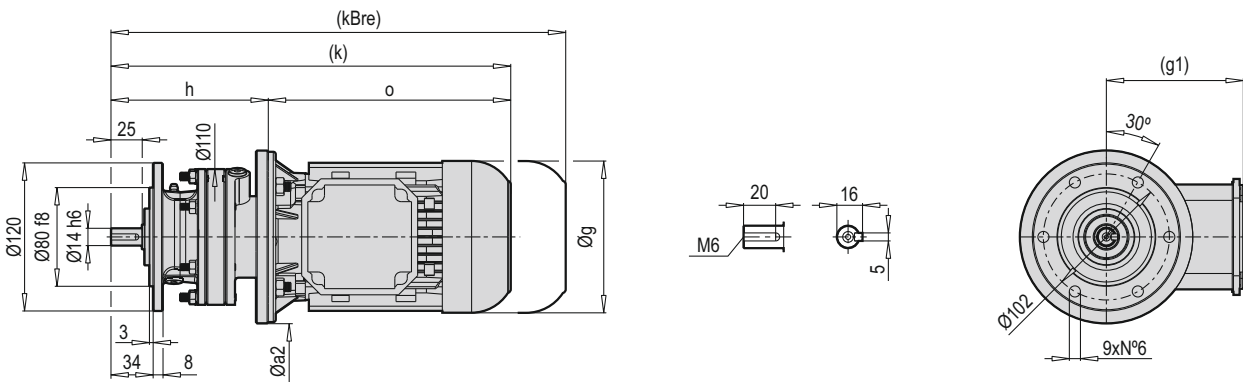


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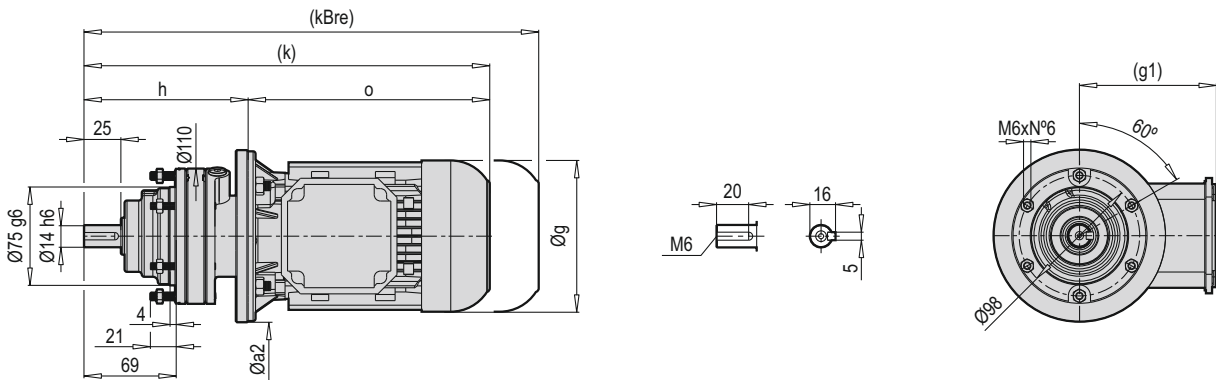
PCD 607 HXM



PCD 607 VXM

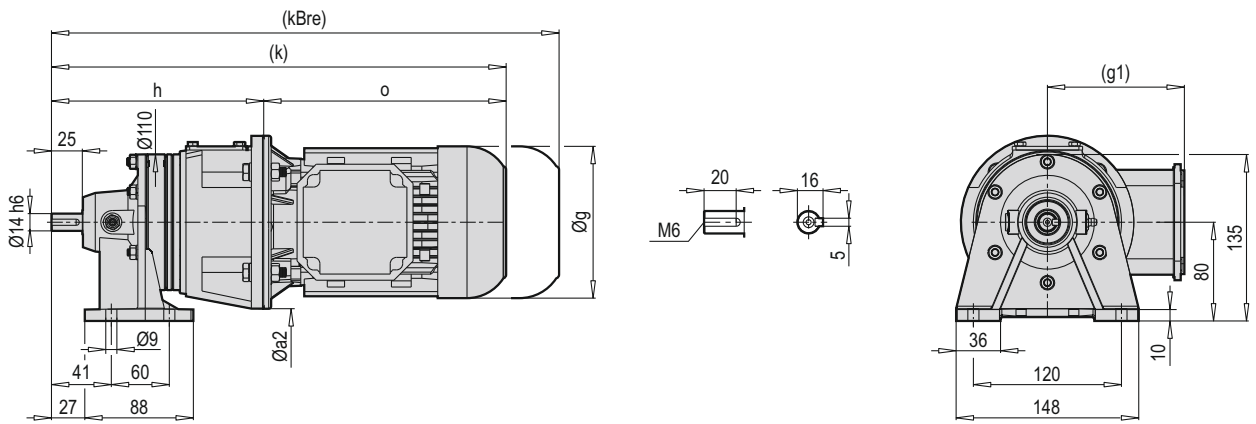


PCD 607 FXM

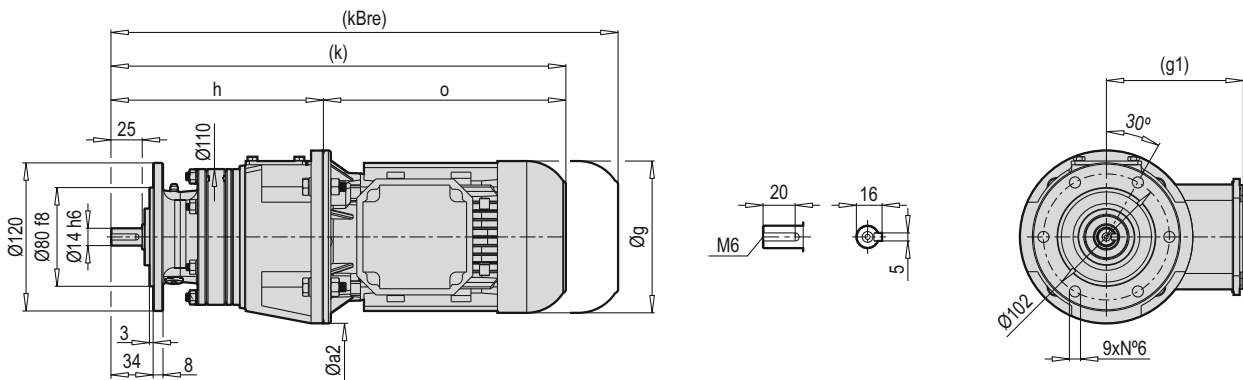


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| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 127.5 | 114 | 324 | 310.5 | 377.5 | 370 | 196.5 | 196.5 |
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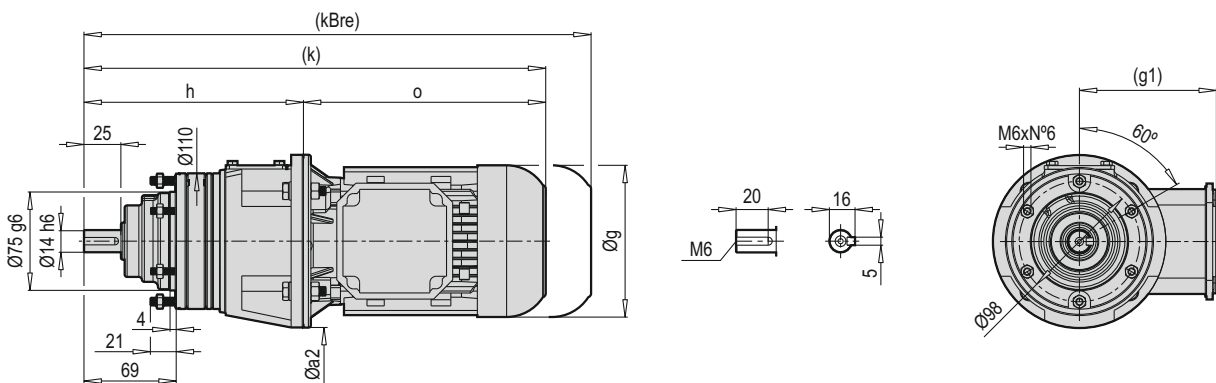
PCD 607 HCM



PCD 607 VCM

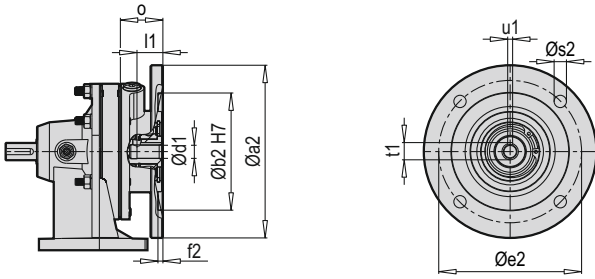


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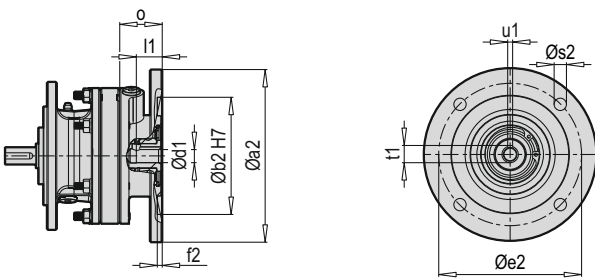


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-----|-----|-------|------|-------|
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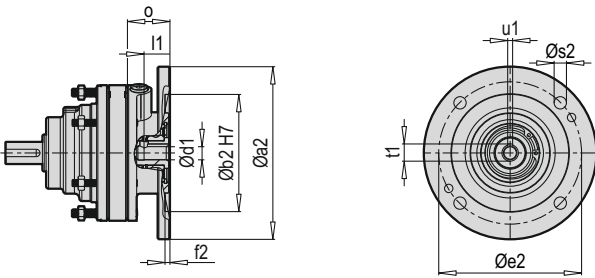
PCD 607 HX



PCD 607 VX



PCD 607 FX



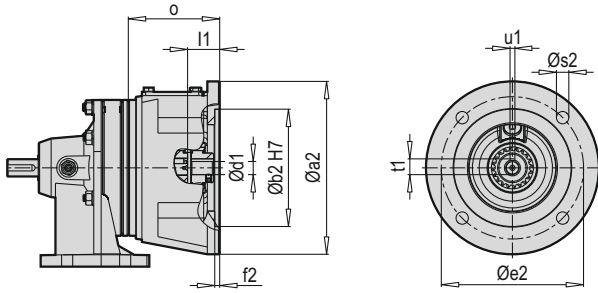
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| PCD 607 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 21 | 12.8 | 4 | 34.5 |
| | 71 | 160 | 110 | 130 | 4 | 9 | 14 | 25 | 16.3 | 5 | 41 |

| ~ Kg | | | |
|-----------------|-----|-----|---|
| PCD 607 X B5 | H | V | F |
| 63 | 4.5 | 5.5 | 5 |
| 71 | 4.5 | 5.5 | 5 |

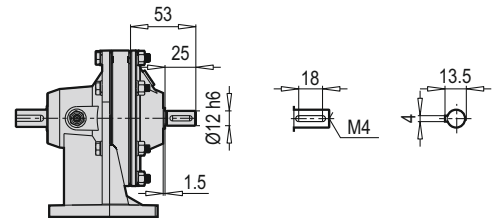
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|----|------|----|----|
| PCD 607 | 63 | 91 | 60 | 75 | 4 | 5.5 | 11 | 21 | 12.8 | 4 | 37 |
| | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 25 | 16.3 | 5 | 41 |

| ~ Kg | | | |
|------------------|---|---|-----|
| PCD 607 X B14 | H | V | F |
| 63 | 4 | 5 | 4.5 |
| 71 | 4 | 5 | 4.5 |

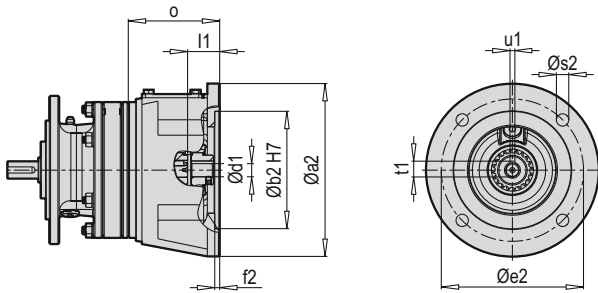
PCD 607 HC



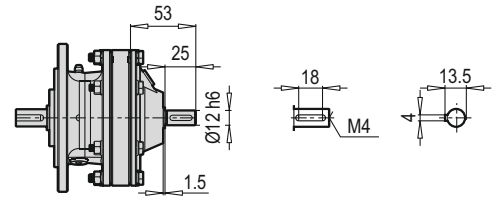
PCD 607 HW



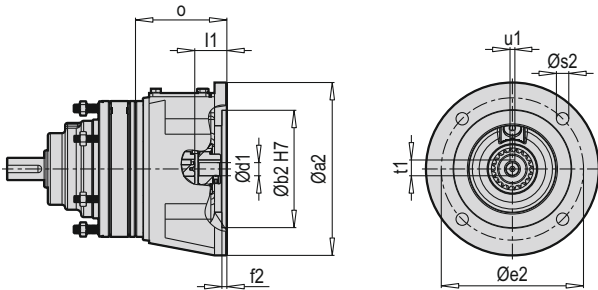
PCD 607 VC



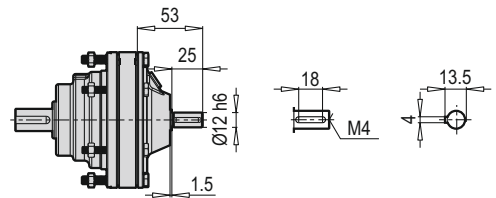
PCD 607 VW



PCD 607 FC



PCD 607 FW

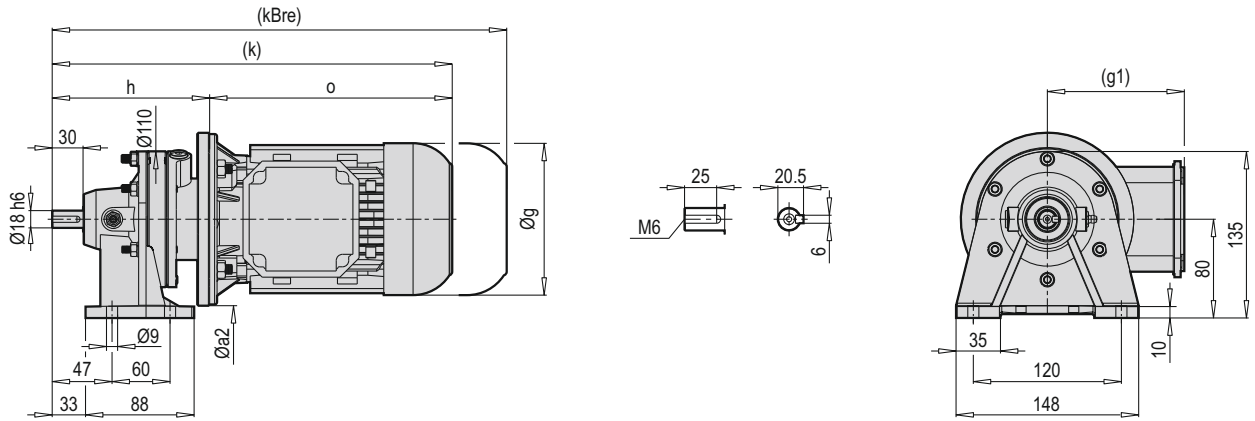


| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-------|-----|-----|----|-----|-----|----|------|----|----|
| PCD 607 | 63 | 140 | 95 | 115 | 4 | 10 | 12 | 23 | 12.8 | 4 | 74 |
| | 71 | 159.5 | 110 | 130 | 4 | 10 | 14 | 32 | 16.3 | 5 | 83 |

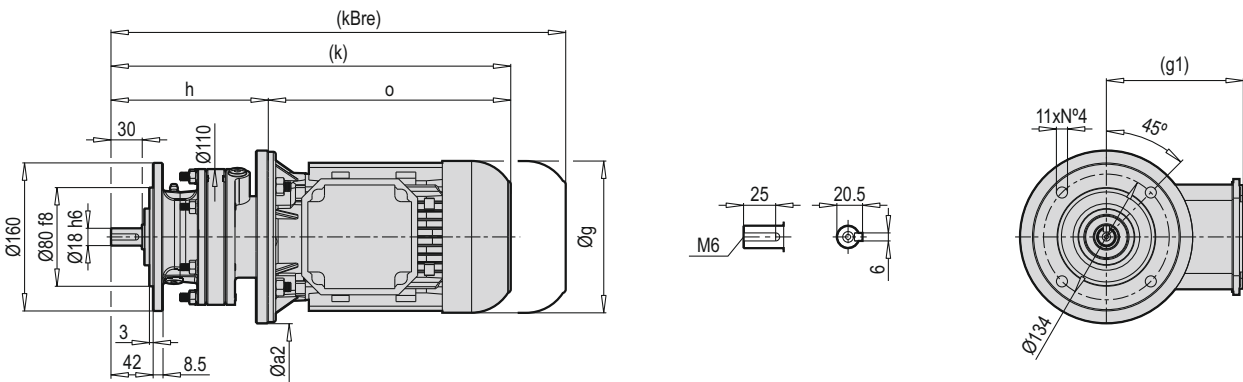
| ~ Kg | | | |
|--------------|-----|-----|---|
| PCD 607 W | H | V | F |
| | 2.5 | 3.5 | 3 |

| ~ Kg | | | |
|-----------------|-----|-----|-----|
| PCD 607 C B5 | H | V | F |
| 63 | 5 | 6 | 5.5 |
| 71 | 5.5 | 6.5 | 6 |

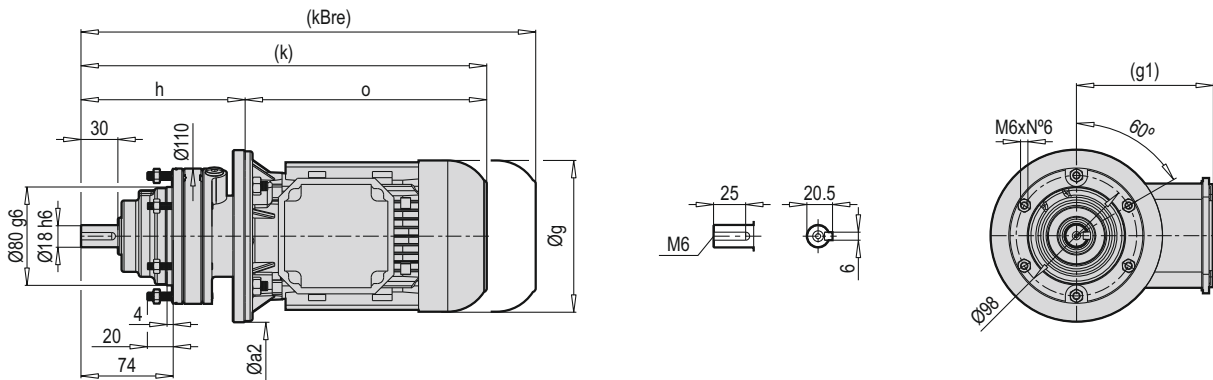
PCD 608 HXM



PCD 608 VXM

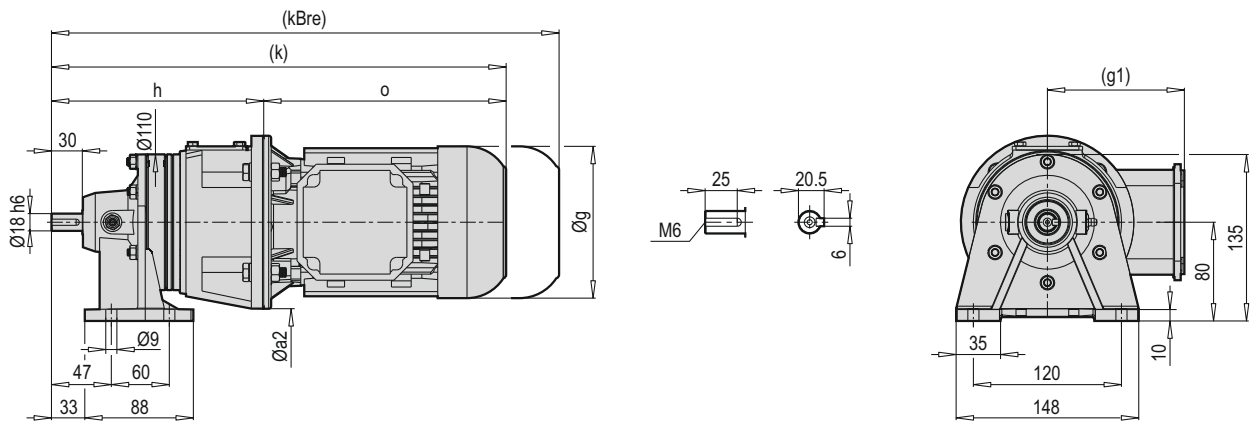


PCD 608 FXM

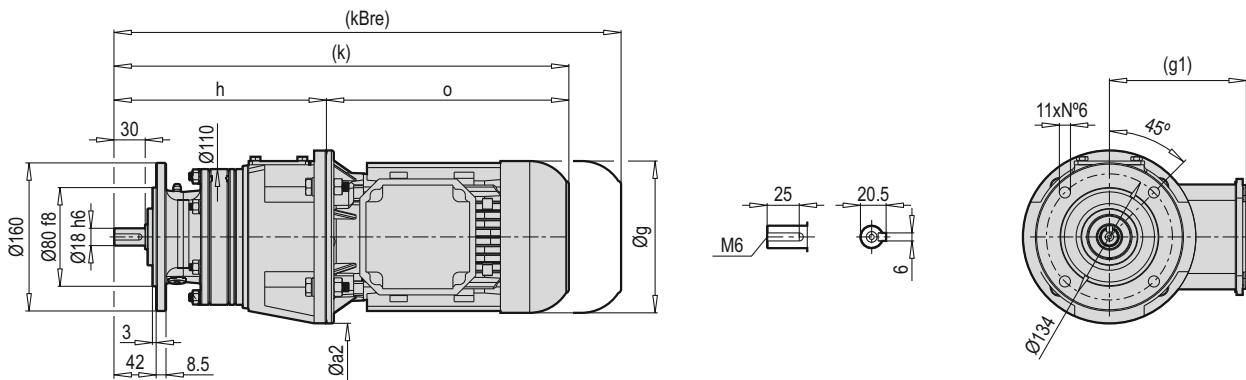


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-----|-------|-----|-----|-------|-------|-------|-------|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 133.5 | 134 | 330 | 330.5 | 383.5 | 390 | 196.5 | 196.5 |
| 71 | 160 | 105 | 138 | 119 | 140 | 140 | 363 | 363 | 423 | 425.5 | 223 | 223 |

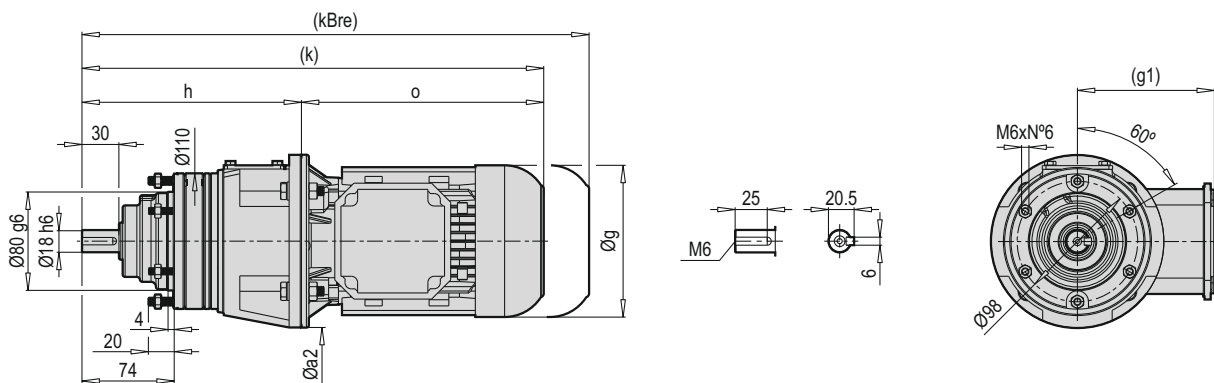
PCD 608 HCM



PCD 608 VCM

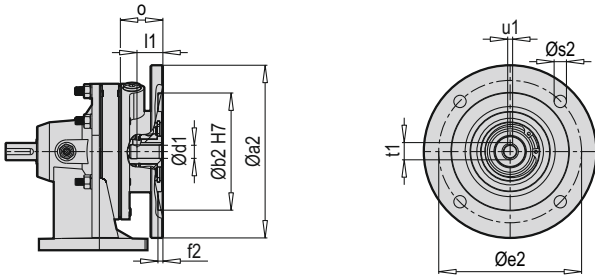


PCD 608 FCM

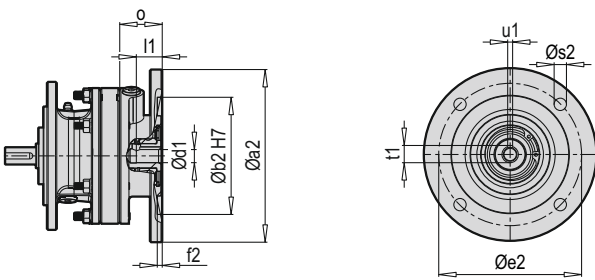


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-----|-----|-----|------|-------|
| 63 | 140 | 123 | 111 | 178 | 374 | 428 | 196.5 |
| 71 | 160 | 138 | 119 | 187 | 410 | 470 | 223 |

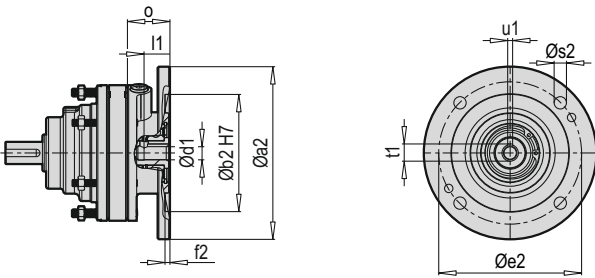
PCD 608 HX



PCD 608 VX



PCD 608 FX



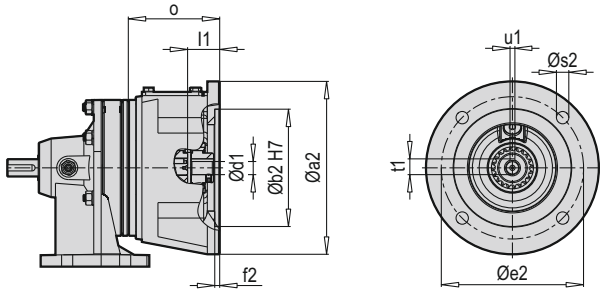
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|------|----|------|
| PCD 608 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 21 | 12.8 | 4 | 34.5 |
| | 71 | 160 | 110 | 130 | 4 | 9 | 14 | 25 | 16.3 | 5 | 41 |

| ~ Kg | | | |
|-----------------|-----|-----|---|
| PCD 608 X B5 | H | V | F |
| 63 | 4.5 | 6.5 | 5 |
| 71 | 4.5 | 6.5 | 5 |

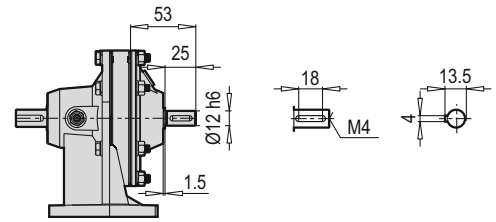
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|------|------|----|----|
| PCD 608 | 63 | 91 | 60 | 75 | 4 | 5.5 | 11 | 23.5 | 12.8 | 4 | 37 |
| | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 25 | 16.3 | 5 | 41 |

| ~ Kg | | | |
|------------------|---|---|-----|
| PCD 608 X B14 | H | V | F |
| 63 | 4 | 6 | 4.5 |
| 71 | 4 | 6 | 4.5 |

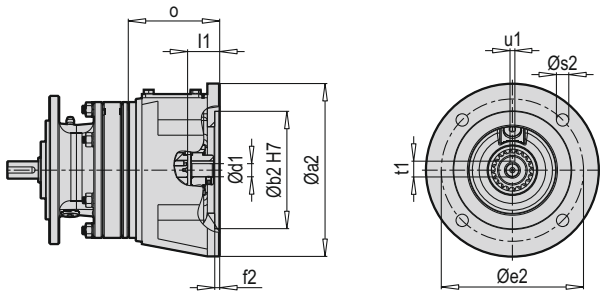
PCD 608 HC



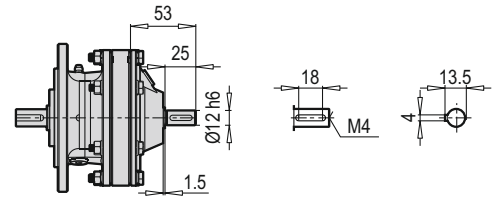
PCD 608 HW



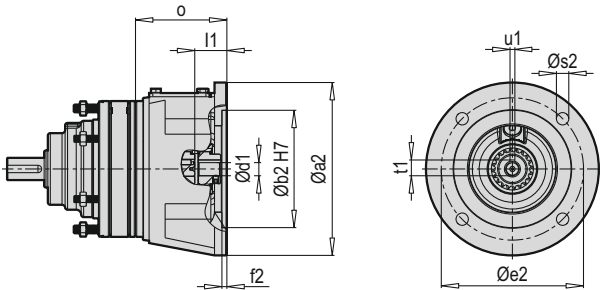
PCD 608 VC



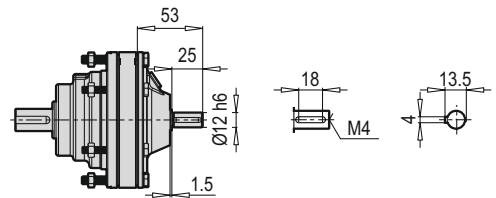
PCD 608 VW



PCD 608 FC



PCD 608 FW

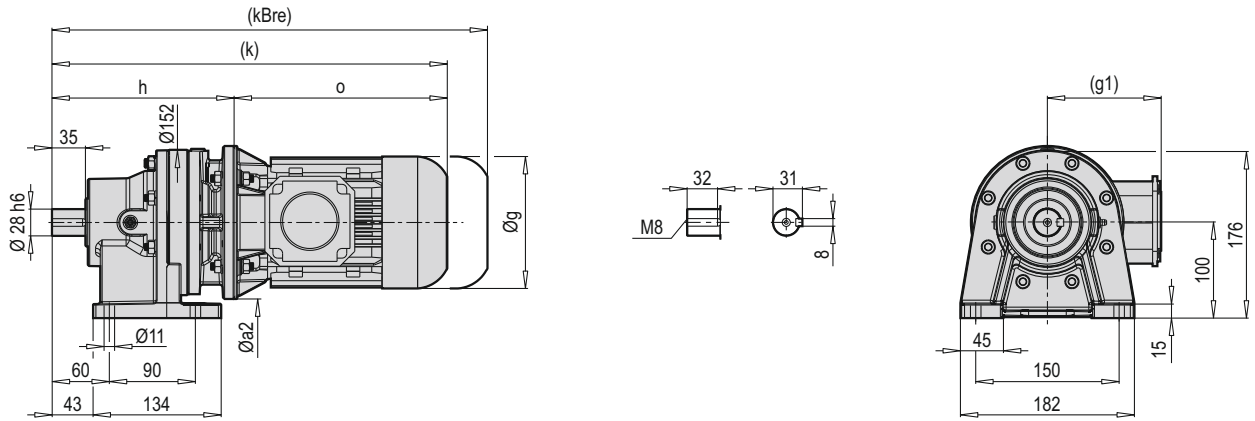


| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|------|------|----|----|
| PCD 608 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 22.5 | 12.8 | 4 | 74 |
| | 71 | 160 | 110 | 130 | 4 | 10 | 14 | 32 | 16.3 | 5 | 83 |

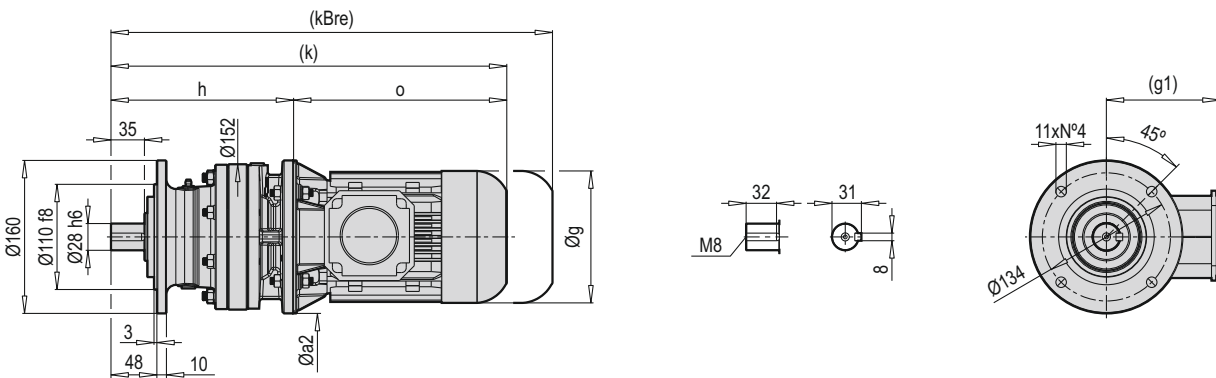
| ~ Kg | | | |
|--------------|-----|-----|---|
| PCD 608 W | H | V | F |
| | 2.5 | 4.5 | 3 |

| ~ Kg | | | |
|-----------------|-----|-----|-----|
| PCD 608 C B5 | H | V | F |
| 63 | 5 | 7 | 5.5 |
| 71 | 5.5 | 7.5 | 6 |

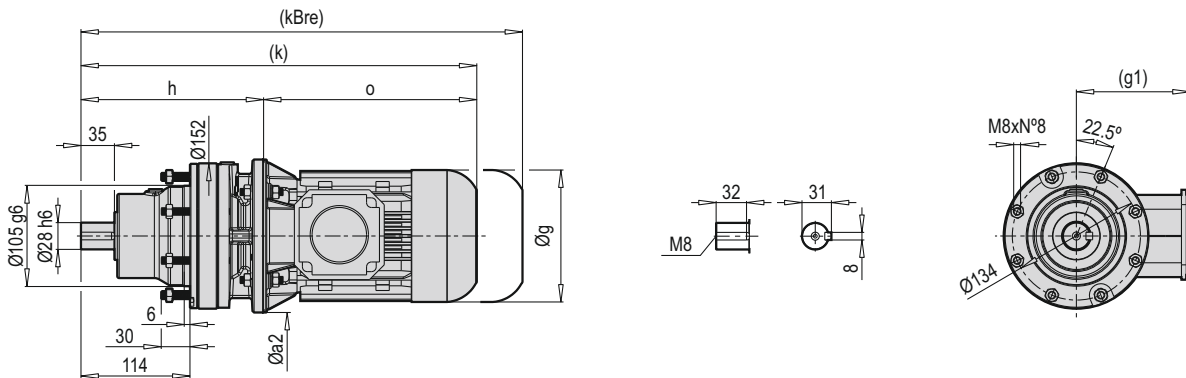
PCD 609 HXM



PCD 609 VXM

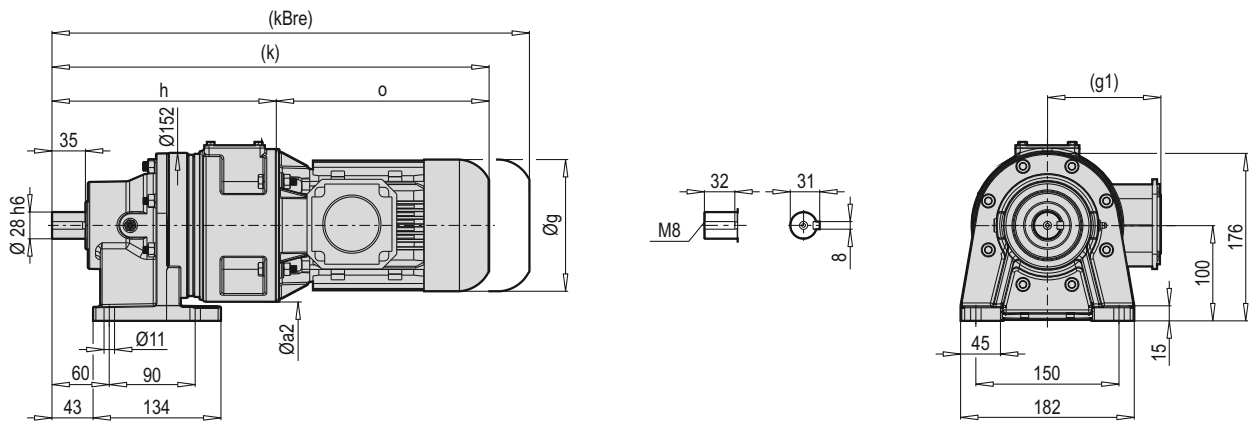


PCD 609 FXM

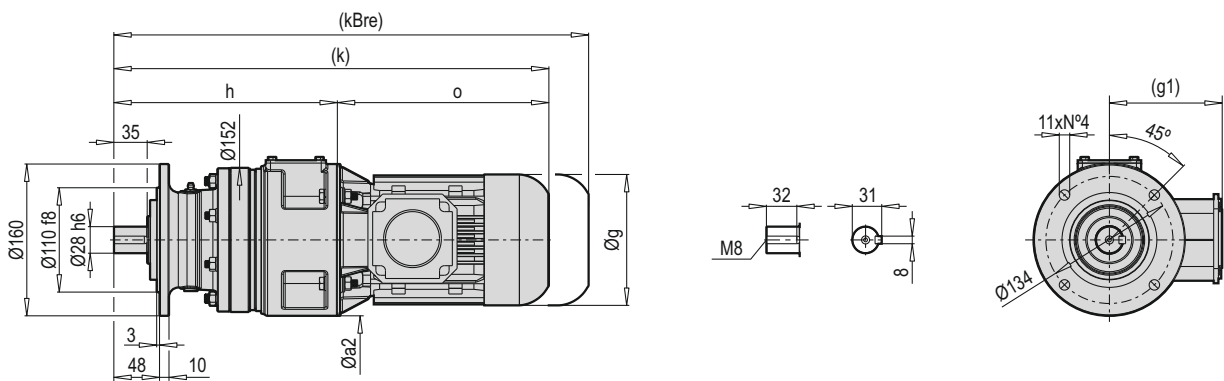


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 142.5 | 183.5 | 339 | 380 | 392.5 | 439.5 | 196.5 | 196.5 |
| 71 | 160 | 105 | 138 | 119 | 190.5 | 190.5 | 413.5 | 413.5 | 473.5 | 476 | 223 | 223 |
| 80 | 200 | 120 | 165 | 134.5 | 204.5 | 204.5 | 433.5 | 433.5 | 517 | 503 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 215.5 | 215.5 | 508.5 | 508.5 | 577 | 576 | 293 | 293 |

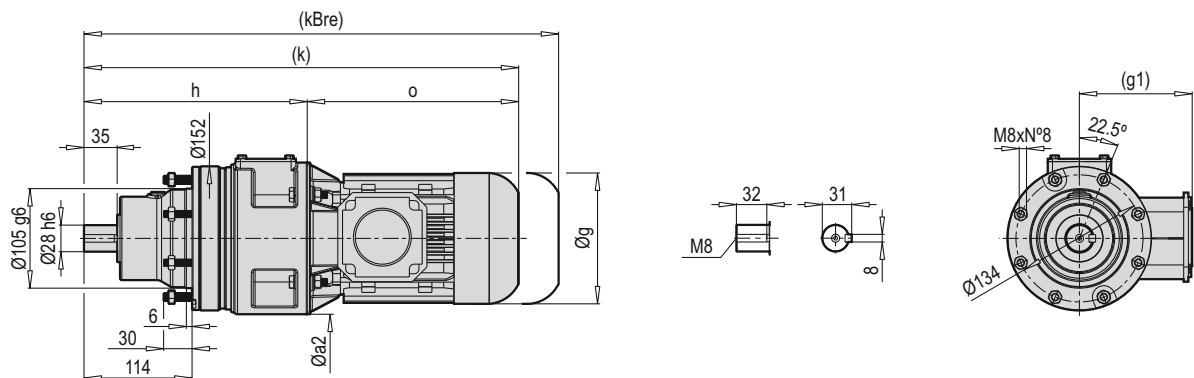
PCD 609 HCM



PCD 609 VCM

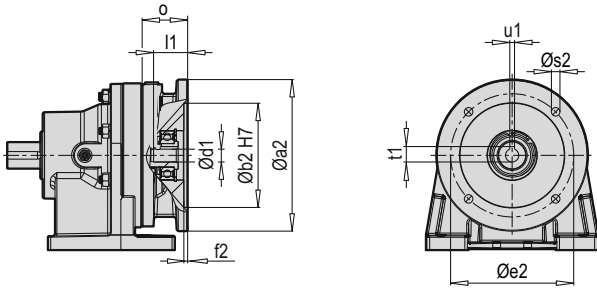


PCD 609 FCM

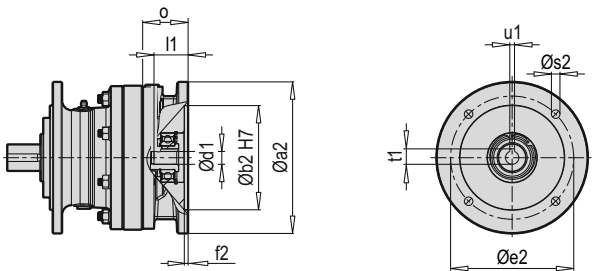


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-------|-------|-------|-------|
| 63 | 140 | 123 | 111 | 230.5 | 427 | 480.5 | 196.5 |
| 71 | 160 | 138 | 119 | 235 | 458 | 518 | 223 |
| 80 | 200 | 165 | 134.5 | 245.5 | 474.5 | 558 | 229 |
| 90 | 200 | 179 | 129 | 255.5 | 548.5 | 617 | 293 |

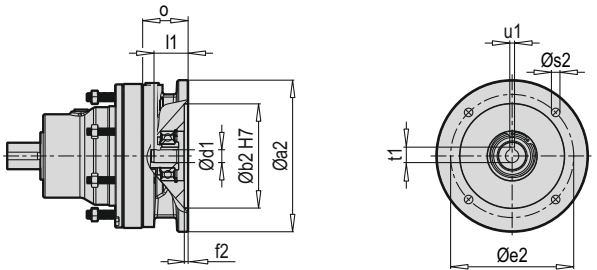
PCD 609 HX



PCD 609 VX



PCD 609 FX



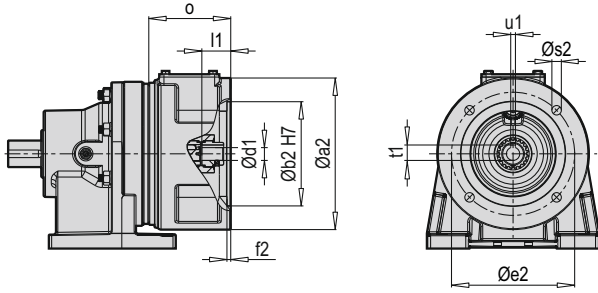
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|------|------|----|----|
| PCD 609 | 63 | 140 | 95 | 115 | 3.5 | 9 | 11 | 20.5 | 12.8 | 4 | 41 |
| | 71 | 160 | 110 | 130 | 4 | 9 | 14 | 25 | 16.3 | 5 | 48 |
| | 80 | 200 | 130 | 165 | 4 | 11 | 19 | 34 | 21.8 | 6 | 62 |
| | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 36 | 27.3 | 8 | 73 |

| ~ Kg | | | |
|-----------------|------|------|-----|
| PCD 609 X B5 | H | V | F |
| 63 | 12.5 | 10.5 | 9.5 |
| 71 | 12.5 | 10.5 | 9.5 |
| 80 | 14 | 12 | 11 |
| 90 | 14 | 12 | 11 |

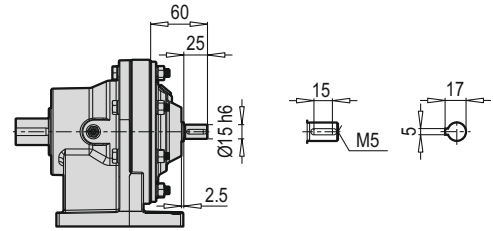
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|------|------|----|----|
| PCD 609 | 63 | 91 | 60 | 75 | 3.5 | 5.5 | 11 | 20.5 | 12.8 | 4 | 41 |
| | 71 | 105 | 70 | 85 | 3 | 6.6 | 14 | 25 | 16.3 | 5 | 48 |
| | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 34 | 21.8 | 6 | 62 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 36 | 27.3 | 8 | 73 |

| ~ Kg | | | |
|------------------|----|----|----|
| PCD 609 X B14 | H | V | F |
| 63 | 12 | 10 | 9 |
| 71 | 12 | 10 | 9 |
| 80 | 13 | 11 | 10 |
| 90 | 13 | 11 | 10 |

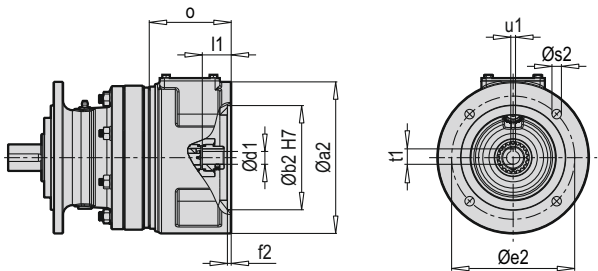
PCD 609 HC



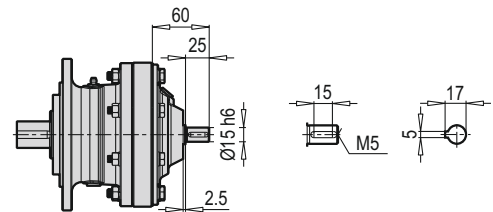
PCD 609 HW



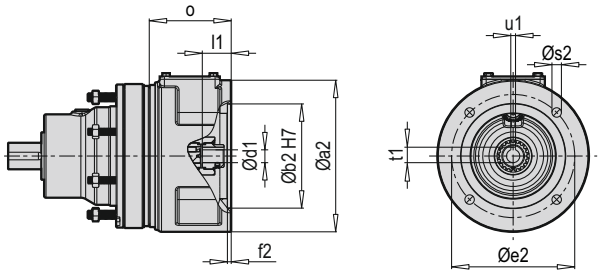
PCD 609 VC



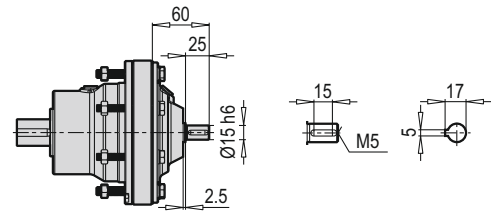
PCD 609 VW



PCD 609 FC



PCD 609 FW

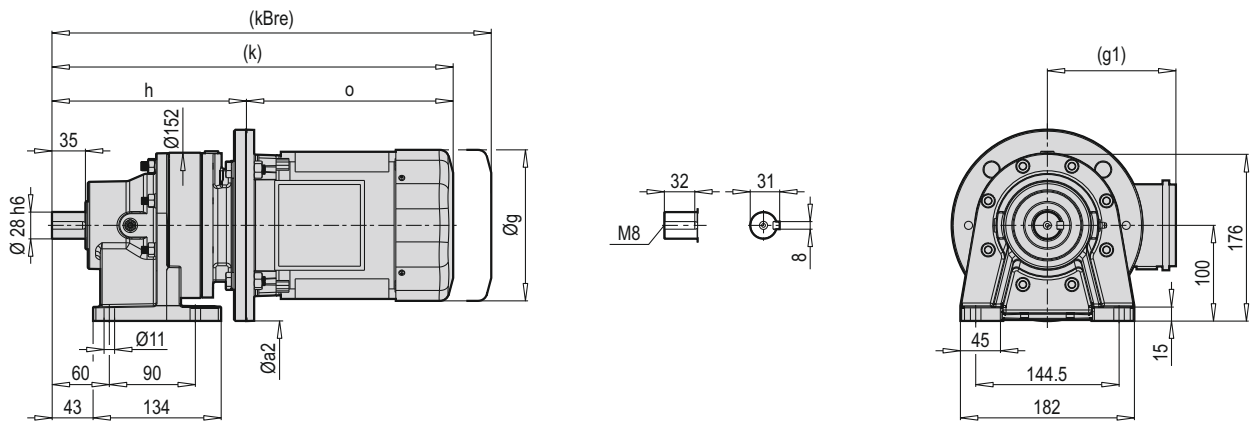


| ~ kg | | | |
|-----------|----|----|---|
| PCD 609 W | H | V | F |
| 609 | 12 | 10 | 9 |

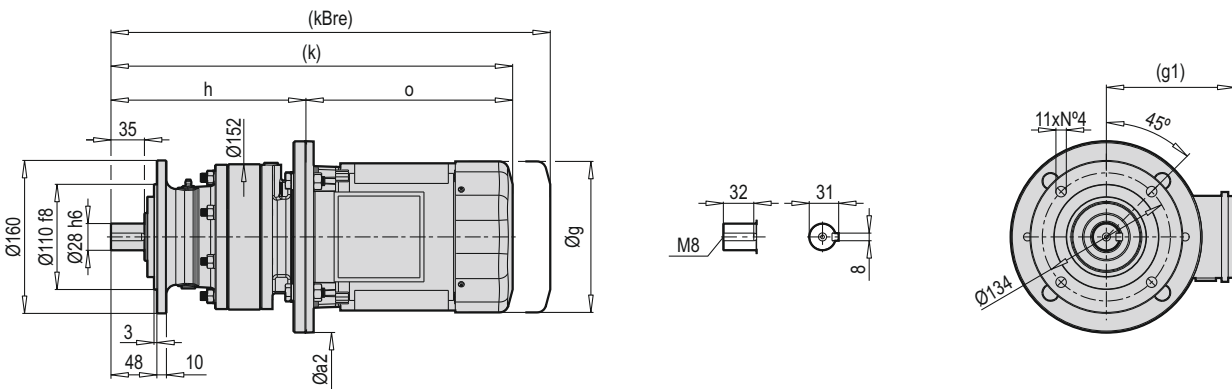
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|------|------|----|------|
| PCD 609 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 23.5 | 12.8 | 4 | 82 |
| | 71 | 160 | 110 | 130 | 4 | 10 | 14 | 30.5 | 16.3 | 5 | 86.5 |
| | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 40 | 21.8 | 6 | 97 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 107 |

| ~ kg | | | |
|--------------|------|------|------|
| PCD 609 C B5 | H | V | F |
| 63 | 15.5 | 13.5 | 12.5 |
| 71 | 16 | 14 | 13 |
| 80 | 17.5 | 15.5 | 14.5 |
| 90 | 17.5 | 15.5 | 14.5 |

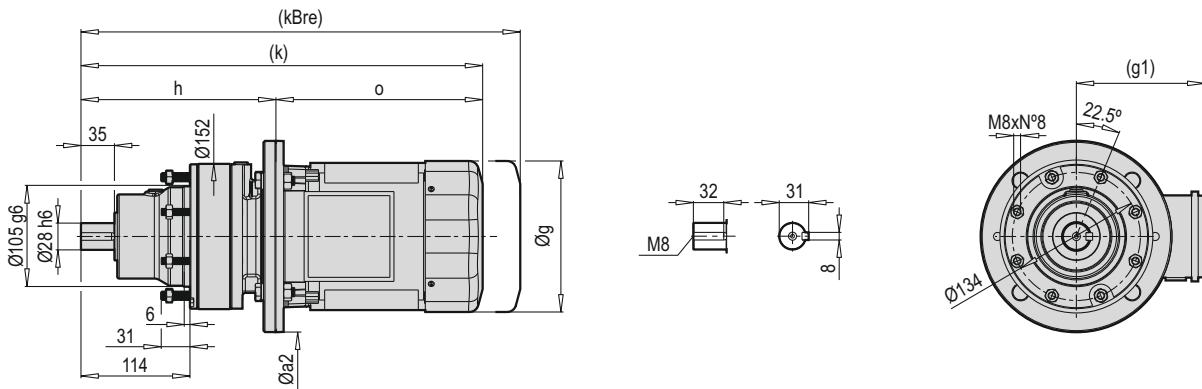
PCD 610 HXM



PCD 610 VXM

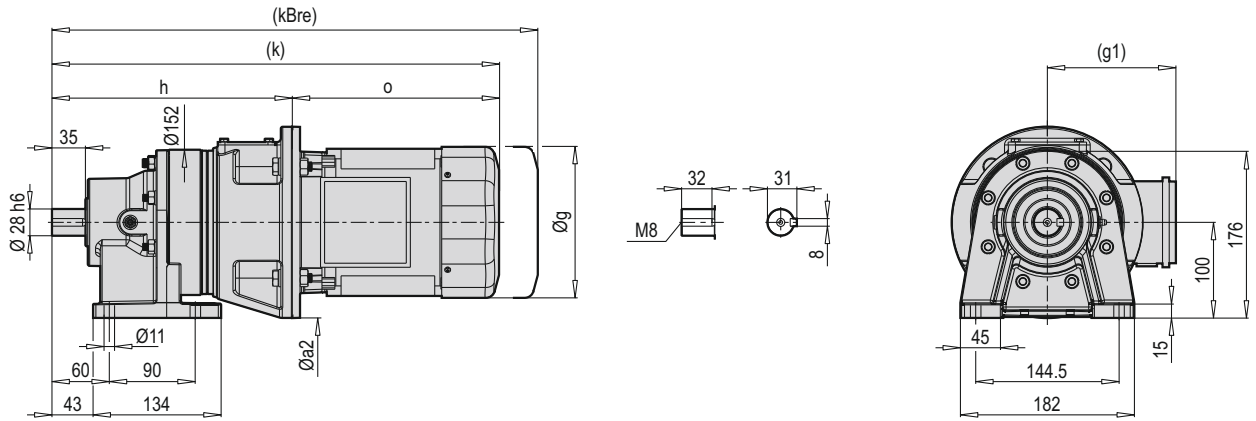


PCD 610 FXM

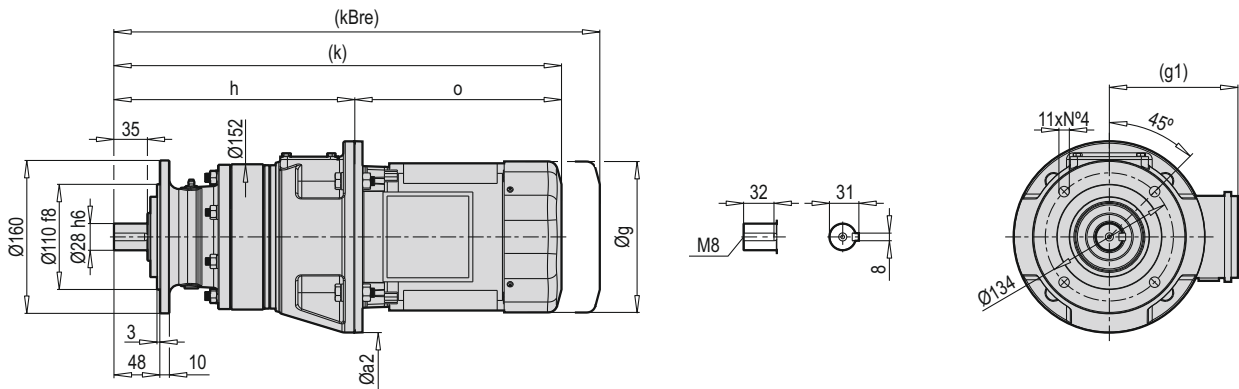


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|-----|-----|-------|-------|-------|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 189.5 | 189.5 | 386 | 386 | 439.5 | 445.5 | 196.5 | 196.5 |
| 71 | 160 | 105 | 138 | 119 | 202 | 202 | 425 | 425 | 485 | 487.5 | 223 | 223 |
| 80 | 200 | 120 | 165 | 134.5 | 204 | 204 | 433 | 433 | 516.5 | 516.5 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 222 | 222 | 515 | 515 | 583.5 | 582.5 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 234 | 234 | 574 | 574 | 657 | 657 | 340 | 340 |

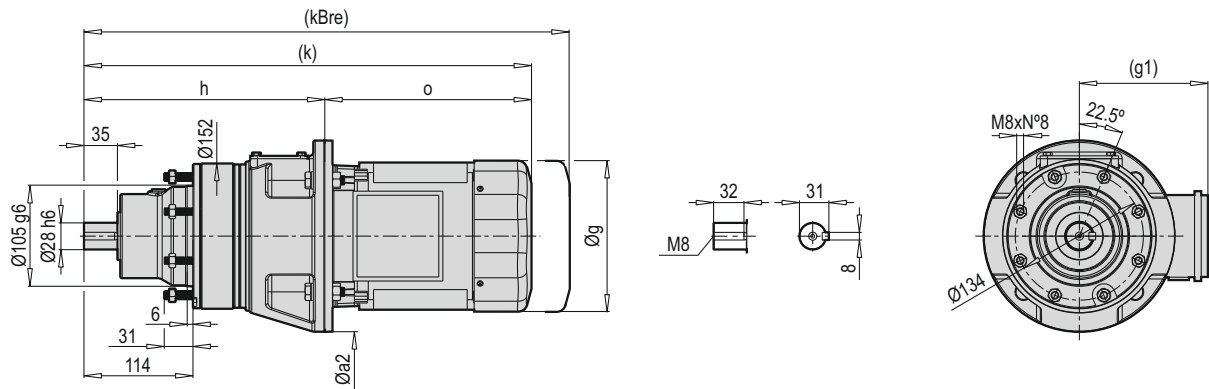
PCD 610 HCM



PCD 610 VCM

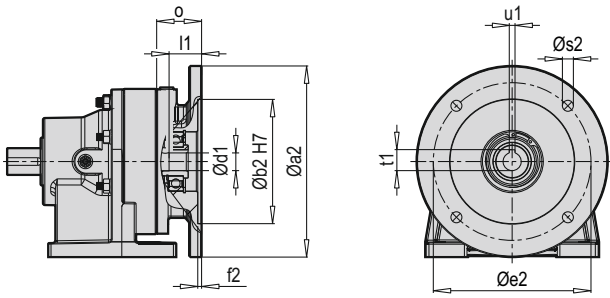


PCD 610 FCM

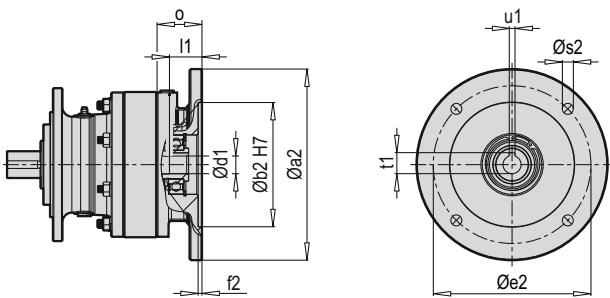


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-------|-------|-------|-------|
| 63 | 140 | 123 | 111 | 236.5 | 433 | 486.5 | 196.5 |
| 71 | 160 | 138 | 119 | 241.5 | 464.5 | 524.5 | 223 |
| 80 | 200 | 165 | 134.5 | 251.5 | 480.5 | 564 | 229 |
| 90 | 200 | 179 | 129 | 261.5 | 554.5 | 623 | 293 |
| 100 | 250 | 199 | 154.5 | 278 | 618 | 701 | 340 |

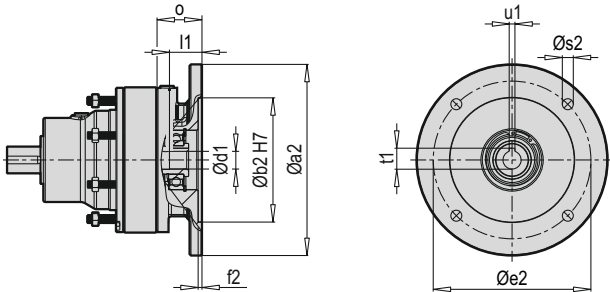
PCD 610 HX



PCD 610 VX



PCD 610 FX



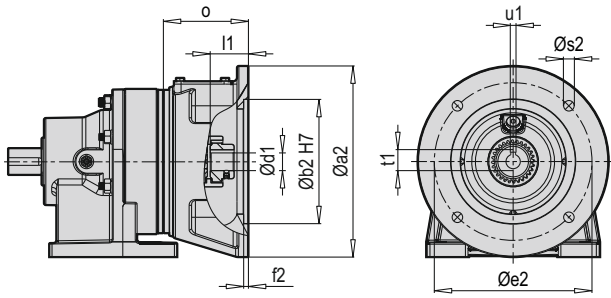
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|------|------|----|------|
| PCD 610 | 63 | 140 | 95 | 115 | 4 | M8 | 11 | 19.5 | 12.8 | 4 | 32.5 |
| | 71 | 160 | 110 | 130 | 4 | M8 | 14 | 30 | 16.3 | 5 | 45 |
| | 80 | 200 | 130 | 165 | 4 | 11 | 19 | 34 | 21.8 | 6 | 47 |
| | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 37 | 27.3 | 8 | 65 |
| | 100 | 250 | 180 | 215 | 4.5 | 14 | 28 | 46 | 31.3 | 8 | 77 |

| ~ Kg | | | |
|-----------------|------|------|------|
| PCD 610 X B5 | H | V | F |
| 63 | 14.5 | 12.5 | 11.5 |
| 71 | 14.5 | 12.5 | 11.5 |
| 80 | 16 | 14 | 13 |
| 90 | 16 | 14 | 13 |
| 100 | 17 | 15 | 14 |

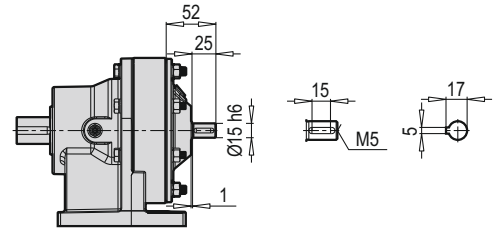
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|------|------|----|------|
| PCD 610 | 63 | 91 | 60 | 75 | 4 | 6 | 11 | 19.5 | 12.8 | 4 | 32.5 |
| | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 30 | 16.3 | 5 | 45 |
| | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 34 | 21.8 | 6 | 47 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 37 | 27.3 | 8 | 65 |
| | 100 | 160 | 110 | 130 | 4.5 | 9 | 28 | 46 | 31.3 | 8 | 77 |

| ~ Kg | | | |
|------------------|----|----|----|
| PCD 610 X B14 | H | V | F |
| 63 | 14 | 12 | 11 |
| 71 | 14 | 12 | 11 |
| 80 | 15 | 13 | 12 |
| 90 | 15 | 13 | 12 |
| 100 | 16 | 14 | 13 |

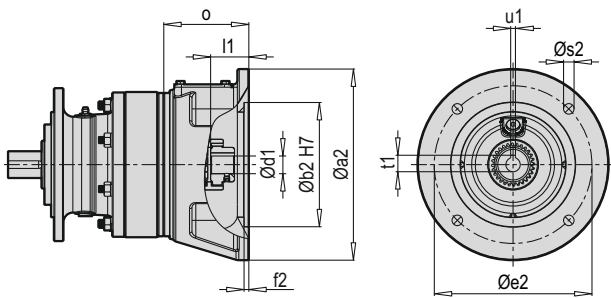
PCD 610 HC



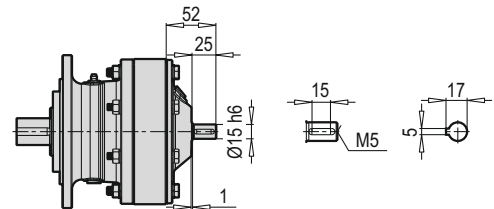
PCD 610 HW



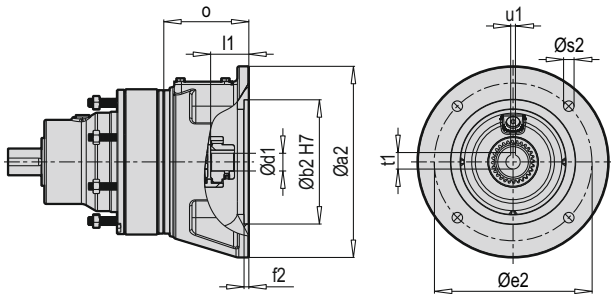
PCD 610 VC



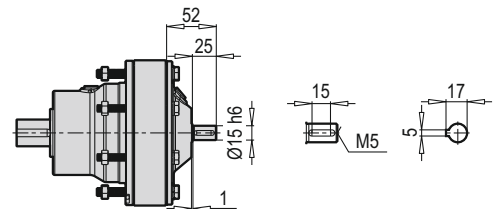
PCD 610 VW



PCD 610 FC



PCD 610 FW

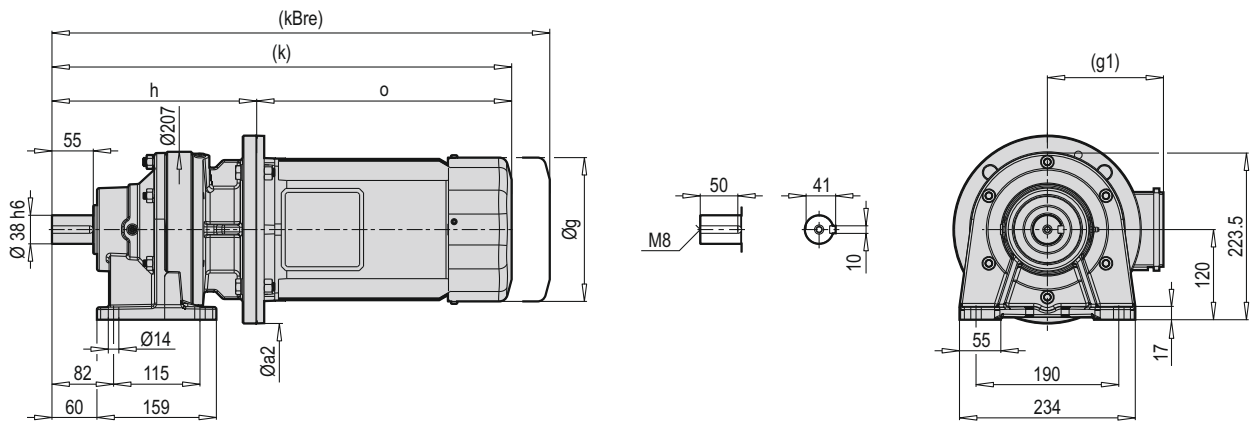


| ~ Kg | | | |
|-----------|----|----|----|
| PCD 610 W | H | V | F |
| 610 | 13 | 11 | 10 |

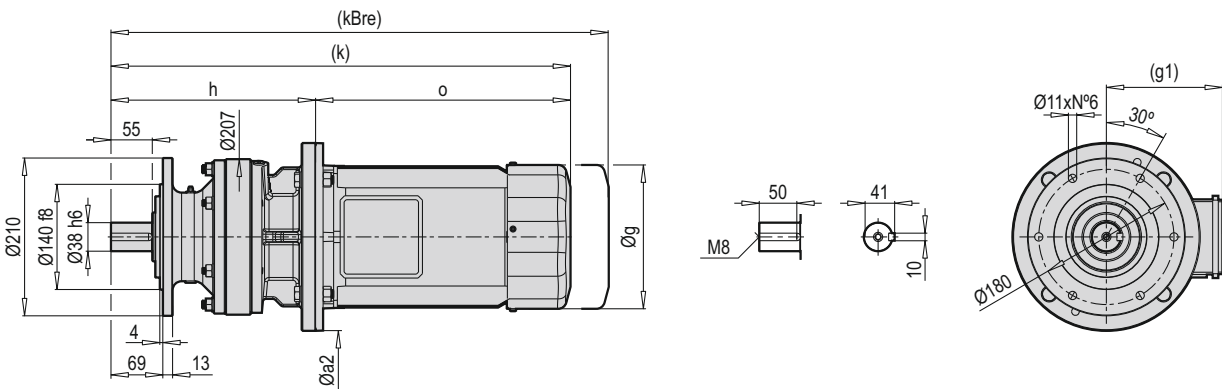
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|------|------|----|-------|
| PCD 610 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 24 | 12.8 | 4 | 74 |
| | 71 | 160 | 110 | 130 | 4 | 10 | 14 | 31 | 16.3 | 5 | 79 |
| | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 40 | 21.8 | 6 | 89 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 99 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 61.5 | 31.3 | 8 | 115.5 |

| ~ Kg | | | |
|--------------|------|------|------|
| PCD 610 C B5 | H | V | F |
| 63 | 16.5 | 14.5 | 13.5 |
| 71 | 17 | 15 | 14 |
| 80 | 18.5 | 16.5 | 15.5 |
| 90 | 18.5 | 16.5 | 15.5 |
| 100 | 21 | 19 | 18 |

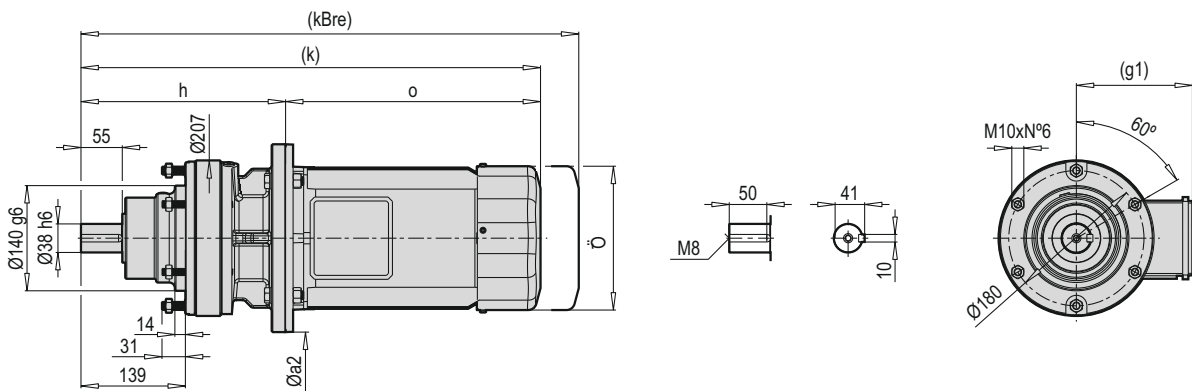
PCD 611 HXM



PCD 611 VXM

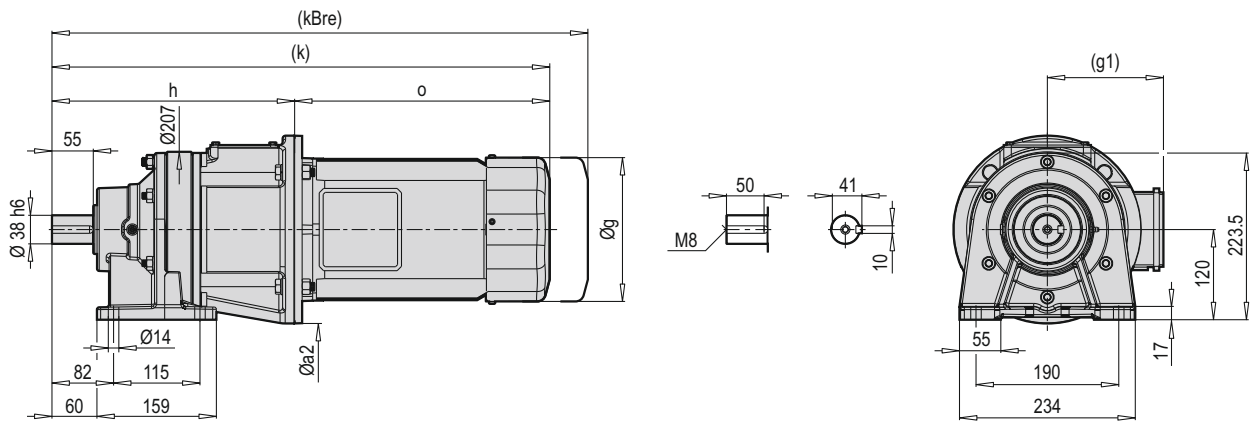


PCD 611 FXM

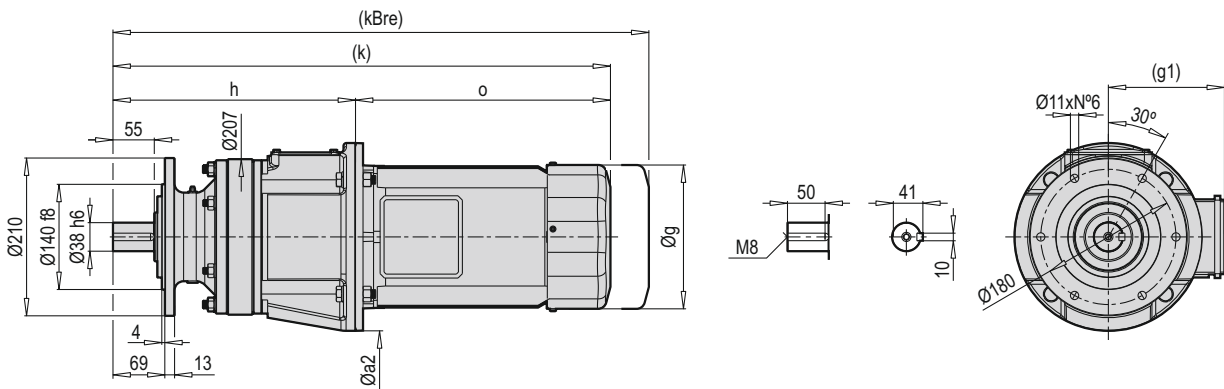


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-----|-----|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 71 | 160 | 105 | 138 | 119 | 242 | 242 | 465 | 465 | 525 | 527.5 | 223 | 223 |
| 80 | 200 | 120 | 165 | 134.5 | 246 | 246 | 475 | 475 | 558.5 | 558.5 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 256 | 256 | 549 | 549 | 617.5 | 616.5 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 272.5 | 272.5 | 612.5 | 612.5 | 695.5 | 695.5 | 340 | 340 |
| 112 | 250 | 160 | 219 | 158.5 | 272.5 | 272.5 | 608.5 | 608.5 | 695.5 | 709 | 336 | 336 |

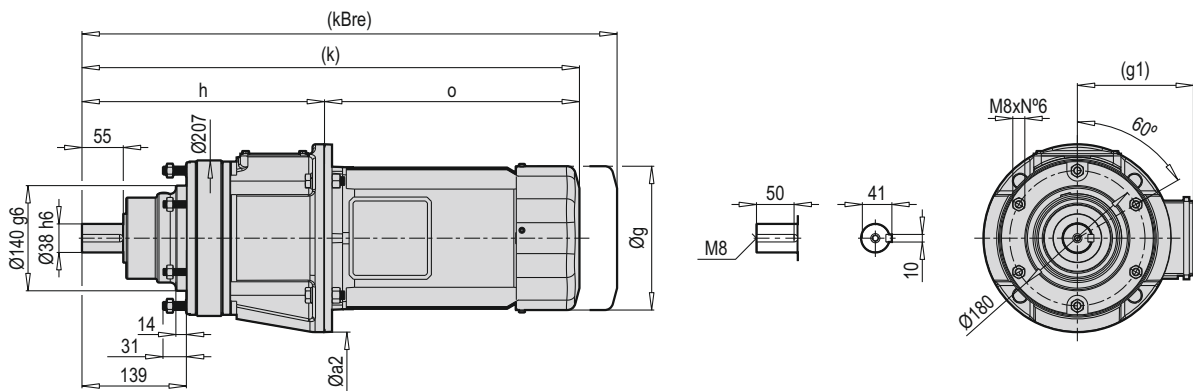
PCD 611 HCM



PCD 611 VCM

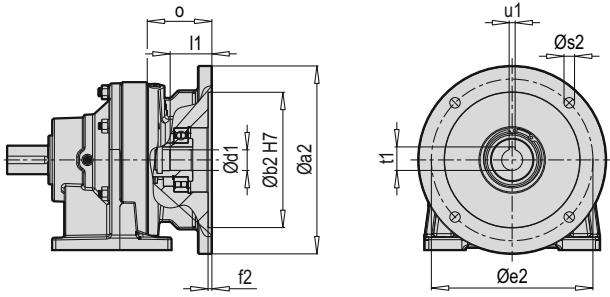


PCD 611 FCM

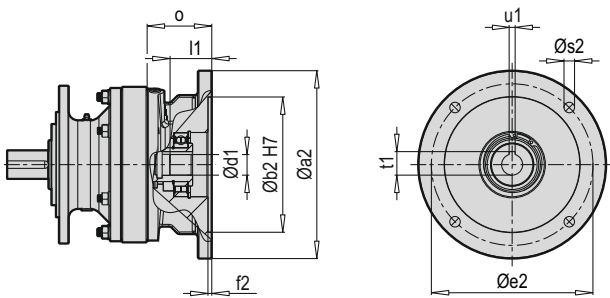


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-----|-----|-------|-----|
| 71 | 160 | 138 | 119 | 293 | 516 | 576 | 223 |
| 80 | 200 | 165 | 134.5 | 313 | 542 | 625.5 | 229 |
| 90 | 200 | 179 | 129 | 313 | 606 | 674.5 | 293 |
| 100 | 250 | 199 | 154.5 | 323 | 663 | 746 | 340 |
| 112 | 250 | 219 | 158.5 | 323 | 659 | 746 | 336 |

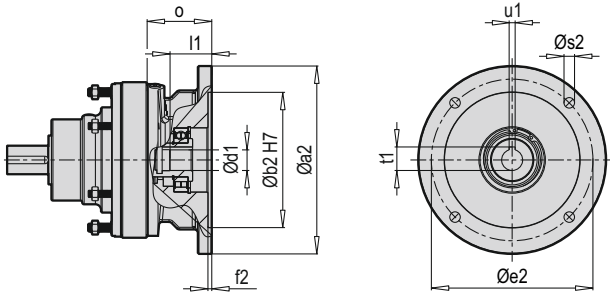
PCD 611 HX



PCD 611 VX



PCD 611 FX



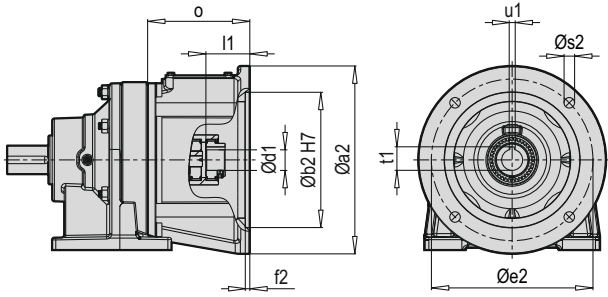
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|------|-----|------|------|----|------|
| PCD 611 | 71 | 160 | 110 | 130 | 4 | M8 | 14 | 30 | 16.3 | 5 | 55 |
| | 80 | 200 | 130 | 165 | 4 | 11.5 | 19 | 34 | 21.8 | 6 | 59 |
| | 90 | 200 | 130 | 165 | 4 | 11.5 | 24 | 46 | 27.3 | 8 | 69 |
| | 100 | 250 | 180 | 215 | 5 | 14 | 28 | 55.5 | 31.3 | 8 | 85.5 |
| | 112 | 250 | 180 | 215 | 5 | 14 | 28 | 55.5 | 31.3 | 8 | 85.5 |

| ~ Kg | | | |
|-----------------|------|------|------|
| PCD 611 X B5 | H | V | F |
| 71 | 25 | 24 | 21 |
| 80 | 27.5 | 26.5 | 23.5 |
| 90 | 27.5 | 26.5 | 23.5 |
| 100 | 30 | 29 | 26 |
| 112 | 30 | 29 | 26 |

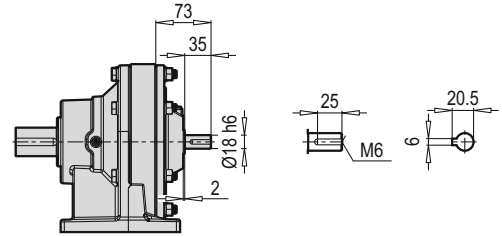
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|------|------|----|------|
| PCD 611 | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 30 | 16.3 | 5 | 55 |
| | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 34 | 21.8 | 6 | 59 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 46 | 27.3 | 8 | 69 |
| | 100 | 160 | 110 | 130 | 5 | 9 | 28 | 55.5 | 31.3 | 8 | 85.5 |
| | 112 | 160 | 110 | 130 | 5 | 9 | 28 | 55.5 | 31.3 | 8 | 85.5 |

| ~ Kg | | | |
|------------------|------|------|------|
| PCD 611 X B14 | H | V | F |
| 71 | 24.5 | 23.5 | 20.5 |
| 80 | 26.5 | 25.5 | 22.5 |
| 90 | 26.5 | 25.5 | 22.5 |
| 100 | 29 | 28 | 25 |
| 112 | 29 | 28 | 25 |

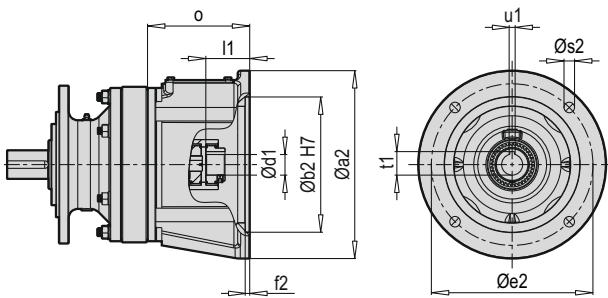
PCD 611 HC



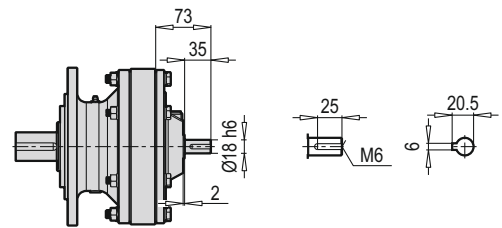
PCD 611 HW



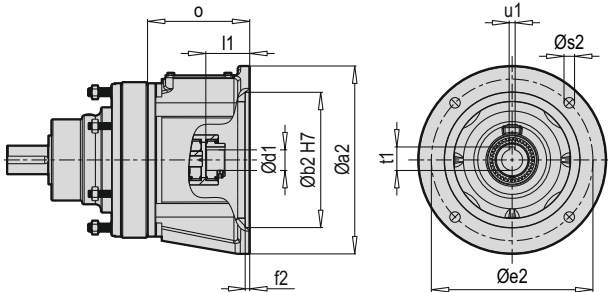
PCD 611 VC



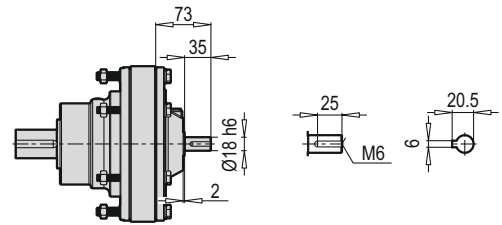
PCD 611 VW



PCD 611 FC



PCD 611 FW

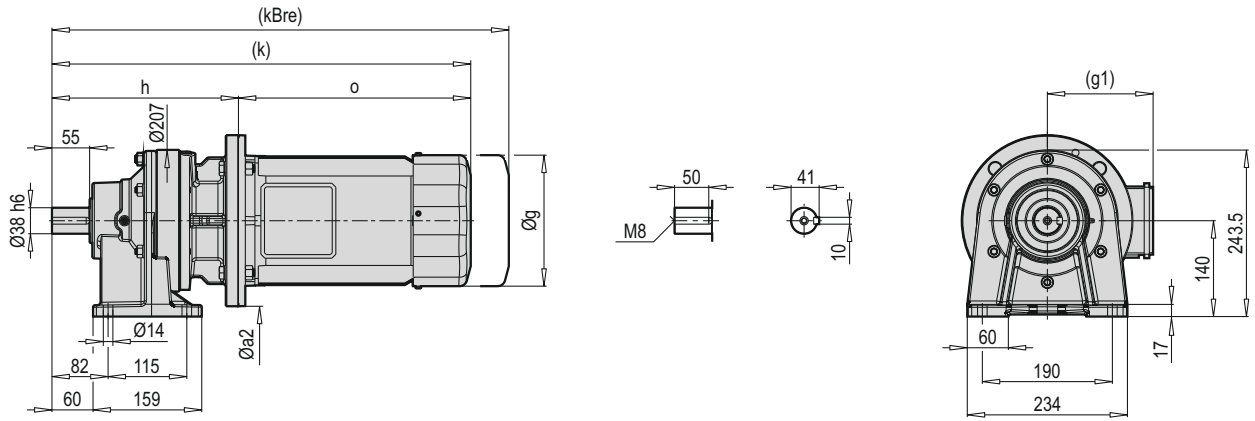


| ~ Kg | | | |
|-----------|----|----|----|
| PCD 611 W | H | V | F |
| | 24 | 23 | 20 |

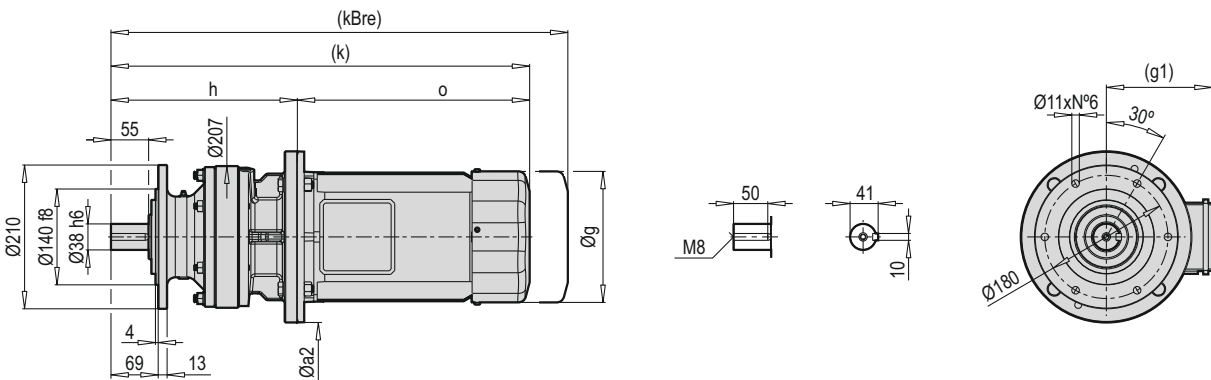
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-------|-----|-----|----|-----|-----|------|------|----|-----|
| PCD 611 | 71 | 159.5 | 110 | 130 | 4 | 10 | 14 | 30 | 16.3 | 5 | 95 |
| | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 45 | 21.8 | 6 | 115 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 115 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 58.5 | 31.3 | 8 | 125 |
| | 112 | 250 | 180 | 215 | 6 | 14 | 28 | 58.5 | 31.3 | 8 | 125 |

| ~ Kg | | | |
|--------------|------|------|------|
| PCD 611 C B5 | H | V | F |
| 71 | 30.5 | 29.5 | 26.5 |
| 80 | 32 | 31 | 28 |
| 90 | 32 | 31 | 28 |
| 100 | 34 | 33 | 30 |
| 112 | 34 | 33 | 30 |

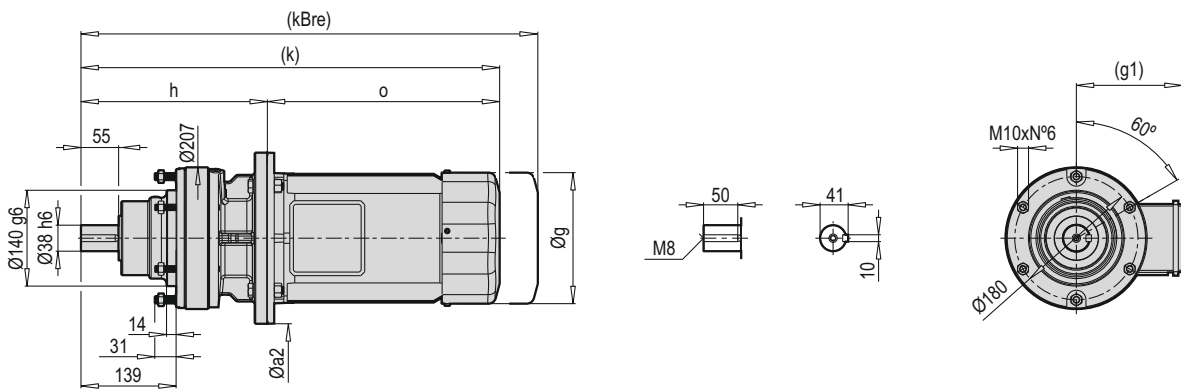
PCD 612 HXM



PCD 612 VXM

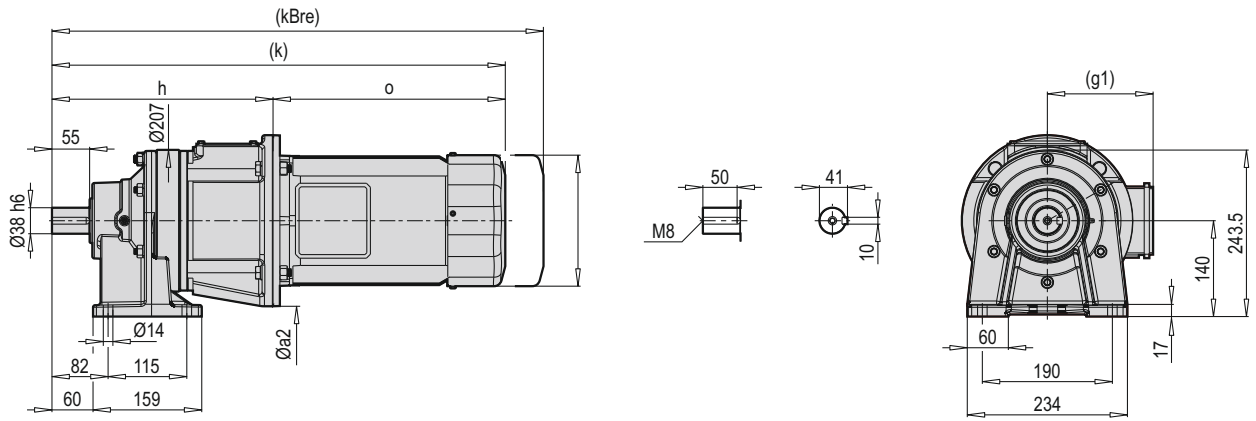


PCD 612 FXM

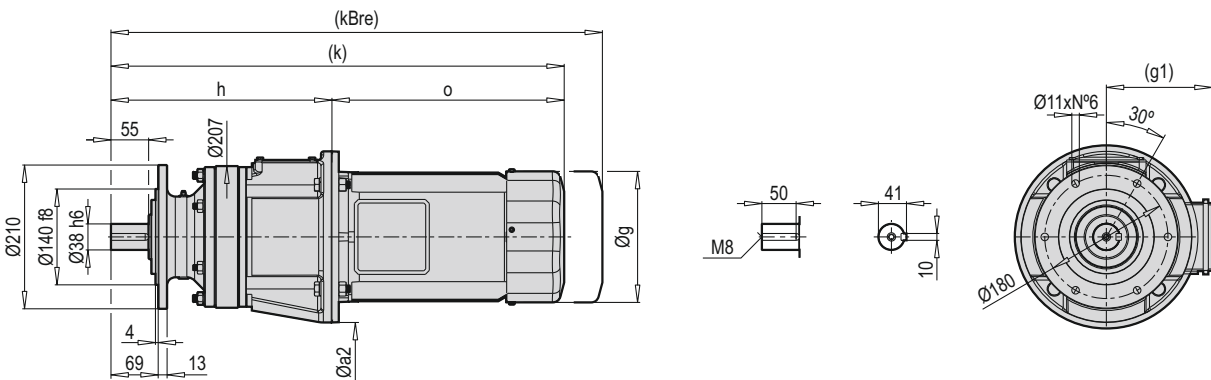


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 71 | 160 | 105 | 138 | 119 | 242 | 242 | 465 | 465 | 525 | 525 | 223 | 223 |
| 80 | 200 | 120 | 165 | 134.5 | 246 | 246 | 475 | 475 | 558.5 | 558.5 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 256 | 256 | 549 | 549 | 617.5 | 617.5 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 272.5 | 272.5 | 612.5 | 612.5 | 695.5 | 695.5 | 340 | 340 |
| 112 | 250 | 160 | 219 | 158.5 | 272.5 | 272.5 | 608.5 | 608.5 | 695.5 | 695.5 | 336 | 336 |
| 132 | 300 | 200 | 270 | 187 | 292.5 | 292.5 | 671.5 | 693 | 812.5 | 812.5 | 379 | 400.5 |

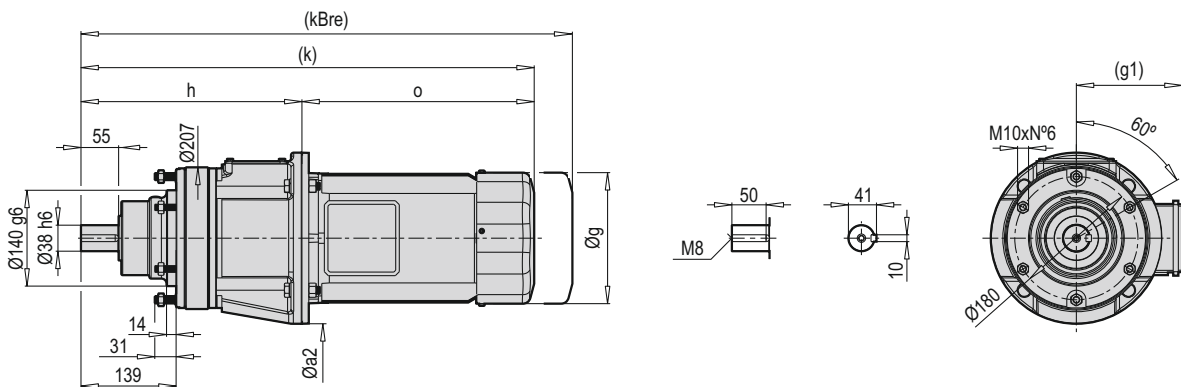
PCD 612 HCM



PCD 612 VCM

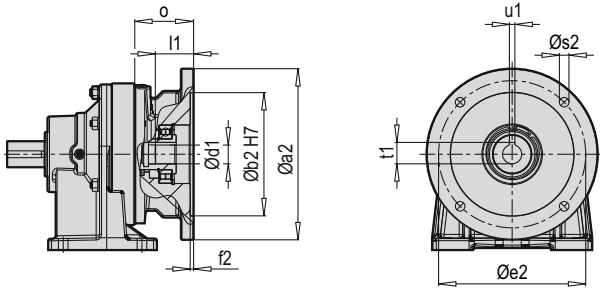


PCD 612 FCM

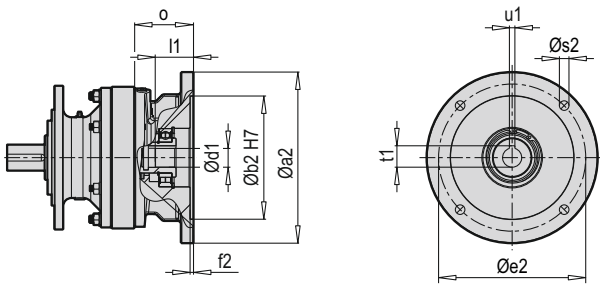


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-------|-----|-------|-----|-----|-------|-----|
| 71 | 159.5 | 138 | 119 | 293 | 516 | 576 | 223 |
| 80 | 200 | 165 | 134.5 | 313 | 542 | 625.5 | 229 |
| 90 | 200 | 179 | 129 | 313 | 606 | 674.5 | 293 |
| 100 | 250 | 199 | 154.5 | 323 | 663 | 746 | 340 |
| 112 | 250 | 219 | 158.5 | 323 | 659 | 746 | 336 |
| 132 | 300 | 270 | 187 | 345 | 724 | 865 | 379 |

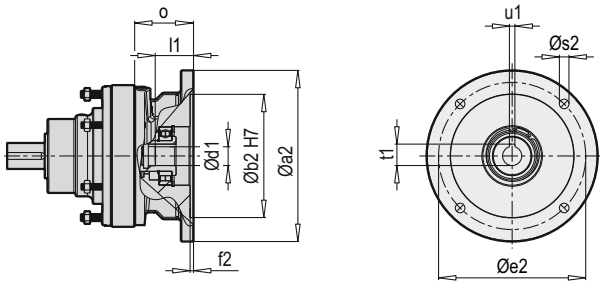
PCD 612 HX



PCD 612 VX



PCD 612 FX



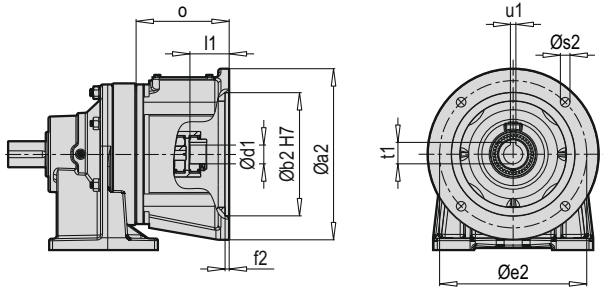
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|------|-----|------|------|----|-------|
| PCD 612 | 71 | 160 | 110 | 130 | 4 | M8 | 14 | 30 | 16.3 | 5 | 55 |
| | 80 | 200 | 130 | 165 | 4 | 11.5 | 19 | 34 | 21.8 | 6 | 59 |
| | 90 | 200 | 130 | 165 | 4 | 11.5 | 24 | 46 | 27.3 | 8 | 69 |
| | 100 | 250 | 180 | 215 | 5 | 14 | 28 | 55.5 | 31.3 | 8 | 85.5 |
| | 112 | 250 | 180 | 215 | 5 | 14 | 28 | 55.5 | 31.3 | 8 | 85.5 |
| | 132 | 300 | 230 | 265 | 5 | 14 | 38 | 67 | 41.3 | 10 | 105.5 |

| ~ Kg | | | |
|-----------------|------|------|------|
| PCD 612 X B5 | H | V | F |
| 71 | 26 | 24 | 21 |
| 80 | 28.5 | 26.5 | 23.5 |
| 90 | 28.5 | 26.5 | 23.5 |
| 100 | 30 | 28 | 25 |
| 112 | 30 | 33 | 25 |
| 132 | 35 | 33 | 30 |

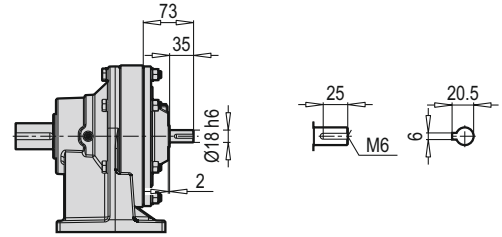
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|------|------|----|-------|
| PCD 612 | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 30 | 16.3 | 5 | 55 |
| | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 34 | 21.8 | 6 | 59 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 46 | 27.3 | 8 | 69 |
| | 100 | 160 | 110 | 130 | 5 | 9 | 28 | 55.5 | 31.3 | 8 | 85.5 |
| | 112 | 160 | 110 | 130 | 5 | 9 | 28 | 55.5 | 31.3 | 8 | 85.5 |
| | 132 | 200 | 130 | 165 | 5 | 11 | 38 | 67 | 41.3 | 10 | 105.5 |

| ~ Kg | | | |
|------------------|------|------|------|
| PCD 612 X B14 | H | V | F |
| 71 | 25.5 | 23.5 | 20.5 |
| 80 | 27.5 | 25.5 | 22.5 |
| 90 | 27.5 | 25.5 | 22.5 |
| 100 | 29 | 27 | 24 |
| 112 | 29 | 27 | 24 |
| 132 | 34 | 32 | 29 |

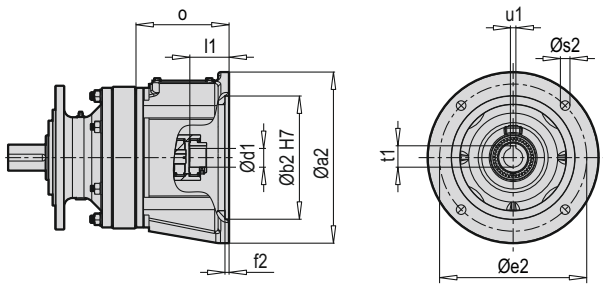
PCD 612 HC



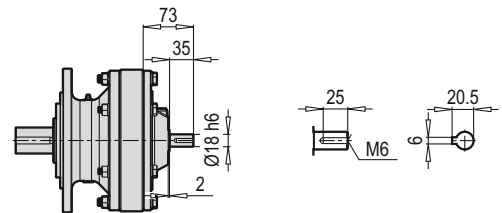
PCD 612 HW



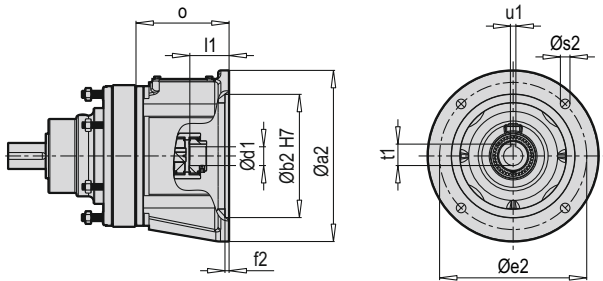
PCD 612 VC



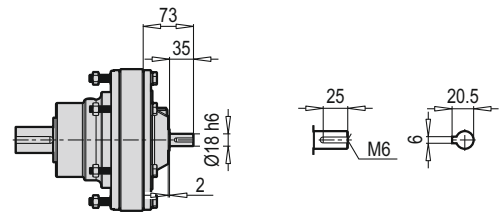
PCD 612 VW



PCD 612 FC



PCD 612 FW

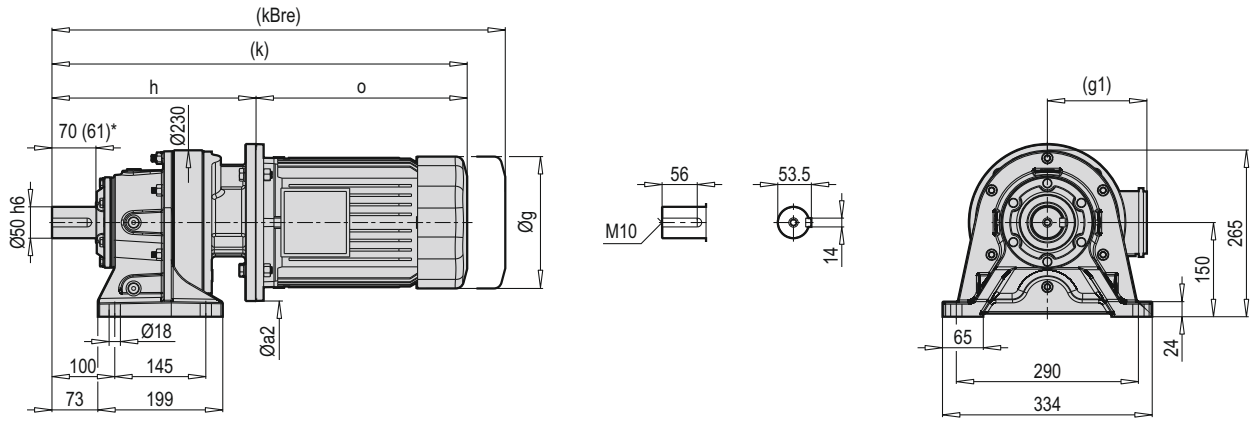


| ~ Kg | | | |
|-----------|----|----|----|
| PCD 612 W | H | V | F |
| | 25 | 23 | 20 |

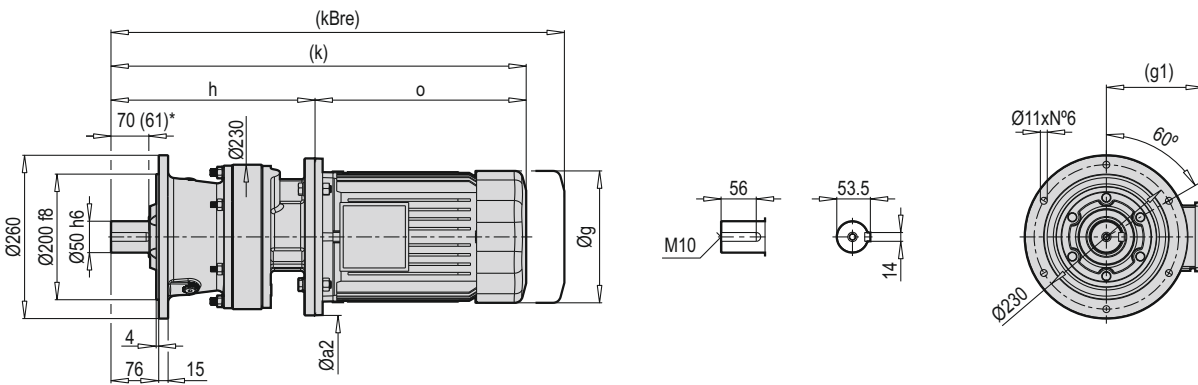
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-------|-----|-----|----|-----|-----|------|------|----|-----|
| PCD 612 | 71 | 159.5 | 110 | 130 | 4 | 10 | 14 | 30 | 16.3 | 5 | 95 |
| | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 45 | 21.8 | 6 | 115 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 115 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 58.5 | 31.3 | 8 | 125 |
| | 112 | 250 | 180 | 215 | 6 | 14 | 28 | 58.5 | 31.3 | 8 | 125 |
| | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 80 | 41.3 | 10 | 147 |

| ~ Kg | | | |
|--------------|------|------|------|
| PCD 612 C B5 | H | V | F |
| 71 | 31.5 | 29.5 | 26.5 |
| 80 | 33 | 31 | 28 |
| 90 | 33 | 31 | 28 |
| 100 | 35 | 33 | 30 |
| 112 | 35 | 33 | 30 |
| 132 | 37 | 35 | 32 |

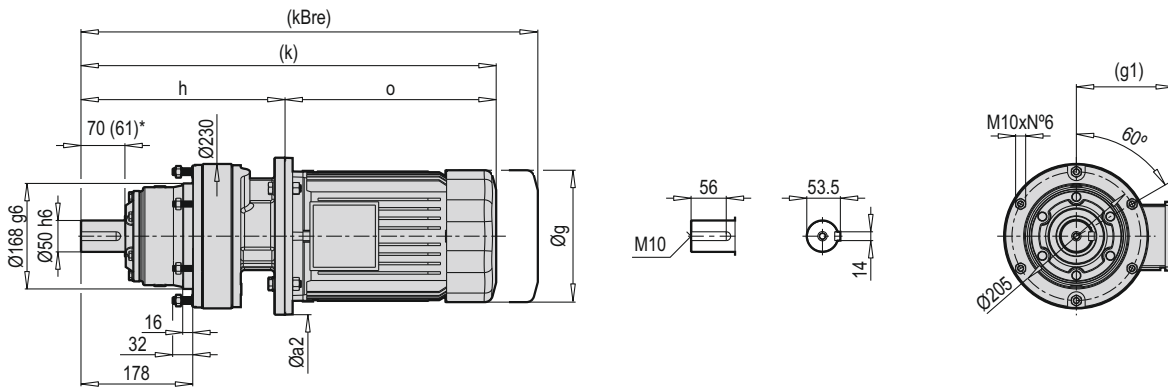
PCD 613 HXM



PCD 613 VXM



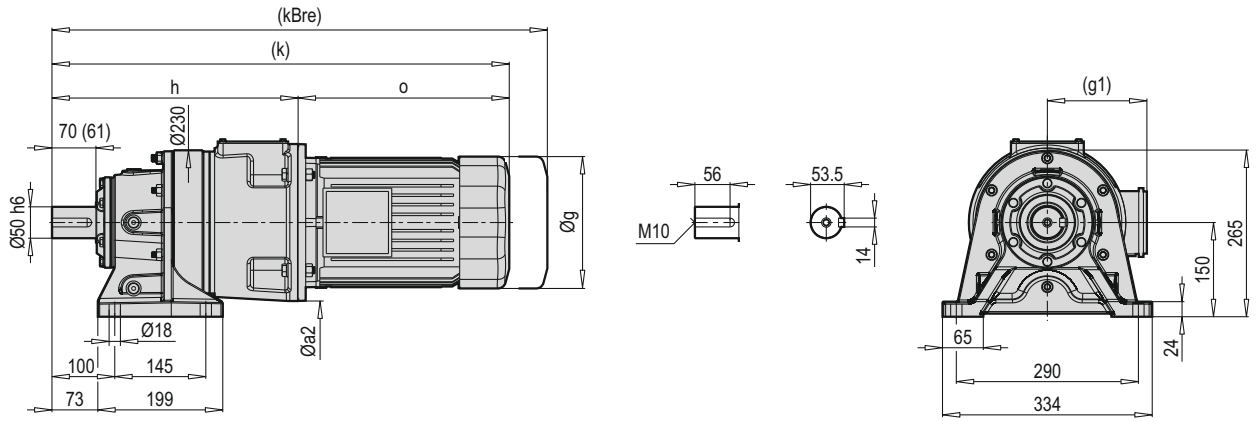
PCD 613 FXM



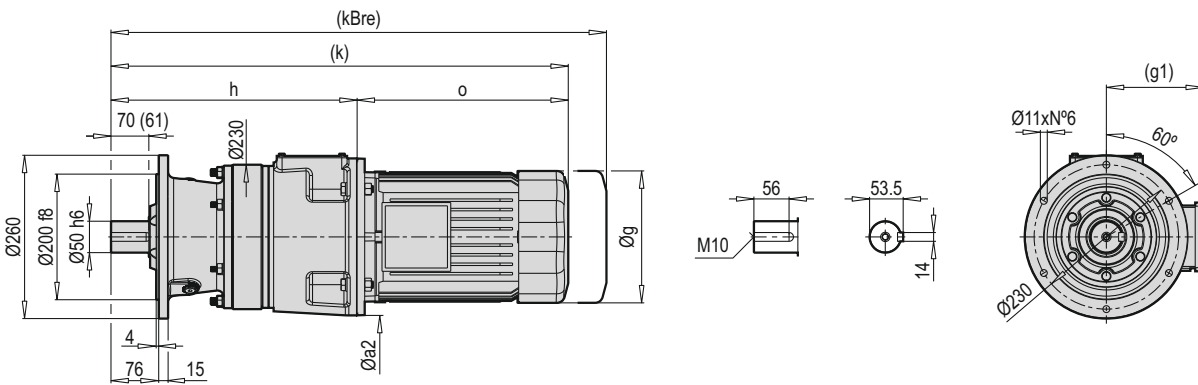
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 80 | 200 | 120 | 165 | 134.5 | 294.5 | 294.5 | 523.5 | 523.5 | 607 | 607 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 309.5 | 309.5 | 602.5 | 602.5 | 671 | 670 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 325 | 325 | 665 | 665 | 748 | 748 | 340 | 340 |
| 112 | 250 | 160 | 219 | 158.5 | 325 | 325 | 661 | 661 | 748 | 761.5 | 336 | 336 |
| 132 | 300 | 200 | 270 | 187 | 350.5 | 350.5 | 729.5 | 751 | 870.5 | 850.5 | 379 | 400.5 |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

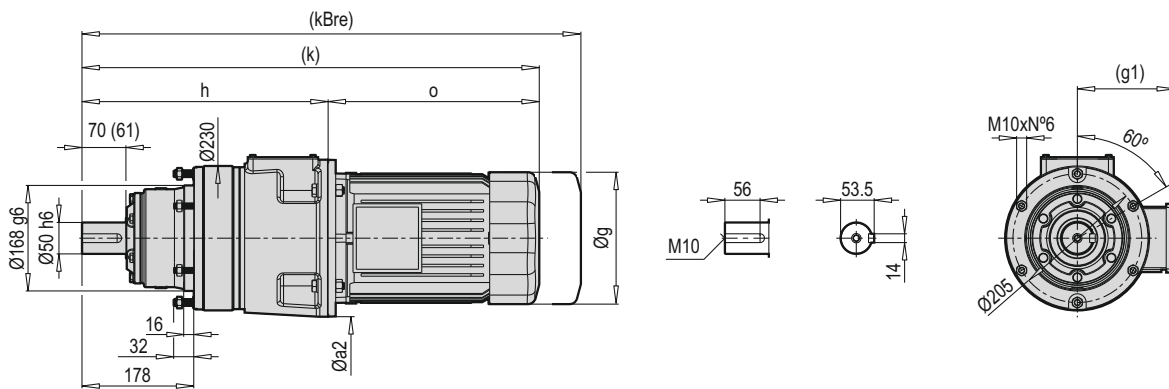
PCD 613 HCM



PCD 613 VCM



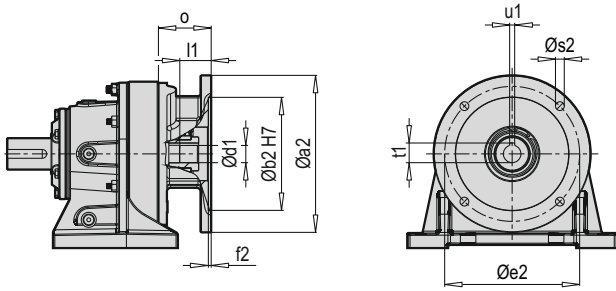
PCD 613 FCM



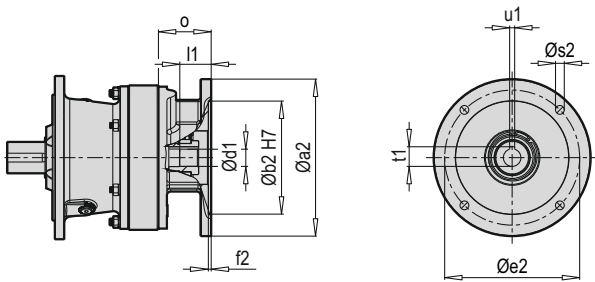
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-----|-----|-------|-----|
| 80 | 200 | 165 | 134.5 | 375 | 604 | 687.5 | 229 |
| 90 | 200 | 179 | 129 | 375 | 668 | 736.5 | 293 |
| 100 | 250 | 199 | 154.5 | 392 | 732 | 815 | 340 |
| 112 | 250 | 219 | 158.5 | 392 | 728 | 815 | 336 |
| 132 | 300 | 270 | 187 | 412 | 791 | 932 | 379 |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

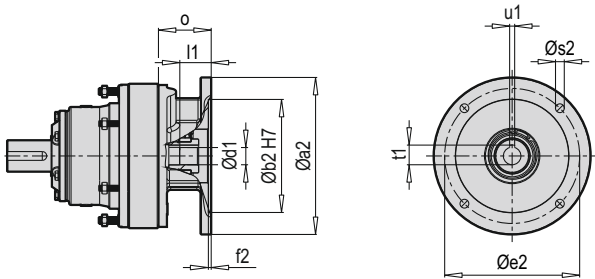
PCD 613 HX



PCD 613 VX



PCD 613 FX



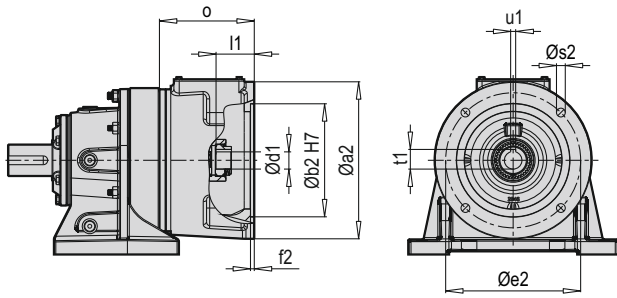
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|----|------|----|-------|
| PCD 613 | 80 | 200 | 130 | 165 | 5 | M10 | 19 | 30 | 21.8 | 6 | 53.5 |
| | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 40 | 27.3 | 8 | 68.5 |
| | 100 | 250 | 180 | 215 | 4.5 | 14 | 28 | 50 | 31.3 | 8 | 84 |
| | 112 | 250 | 180 | 215 | 4.5 | 14 | 28 | 50 | 31.3 | 8 | 84 |
| | 132 | 300 | 230 | 265 | 5 | 14 | 38 | 61 | 41.3 | 10 | 109.5 |

| ~ Kg | | | |
|-----------------|----|----|----|
| PCD 613 X B5 | H | V | F |
| 80 | 46 | 45 | 39 |
| 90 | 46 | 45 | 39 |
| 100 | 48 | 47 | 41 |
| 112 | 48 | 47 | 41 |
| 132 | 53 | 52 | 46 |

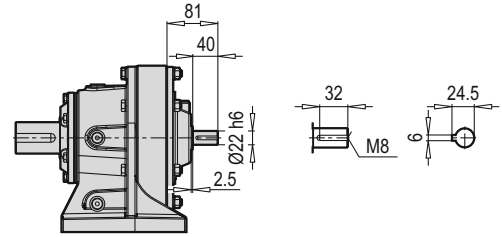
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|----|------|----|-------|
| PCD 613 | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 30 | 21.8 | 6 | 53.5 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 40 | 27.3 | 8 | 68.5 |
| | 100 | 160 | 110 | 130 | 4.5 | 9 | 28 | 50 | 31.3 | 8 | 84 |
| | 112 | 160 | 110 | 130 | 4.5 | 9 | 28 | 50 | 31.3 | 8 | 84 |
| | 132 | 200 | 130 | 165 | 5 | 11 | 38 | 61 | 41.3 | 10 | 109.5 |

| ~ Kg | | | |
|------------------|----|----|----|
| PCD 613 X B14 | H | V | F |
| 80 | 45 | 44 | 38 |
| 90 | 45 | 44 | 38 |
| 100 | 47 | 46 | 40 |
| 112 | 47 | 46 | 40 |
| 132 | 52 | 51 | 45 |

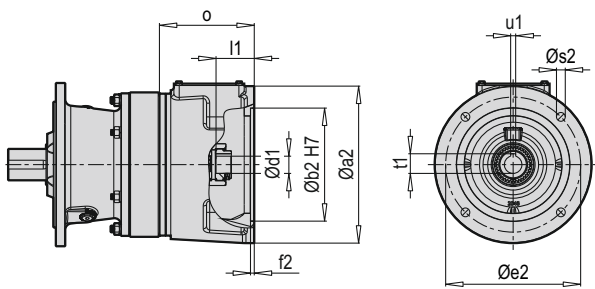
PCD 613 HC



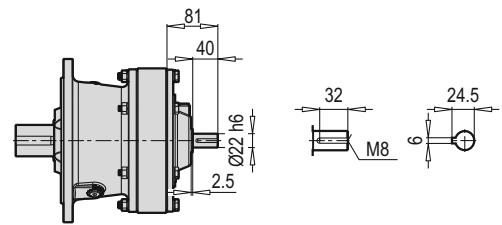
PCD 613 HW



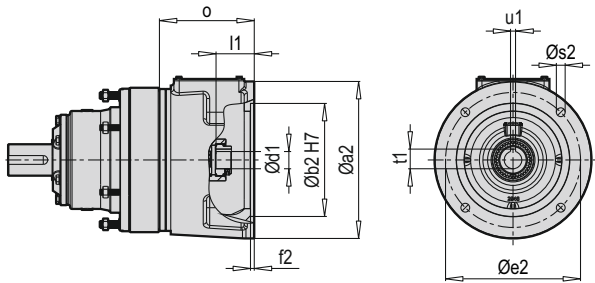
PCD 613 VC



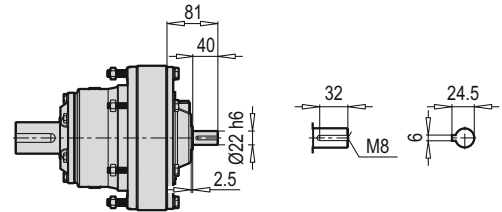
PCD 613 VW



PCD 613 FC



PCD 613 FW

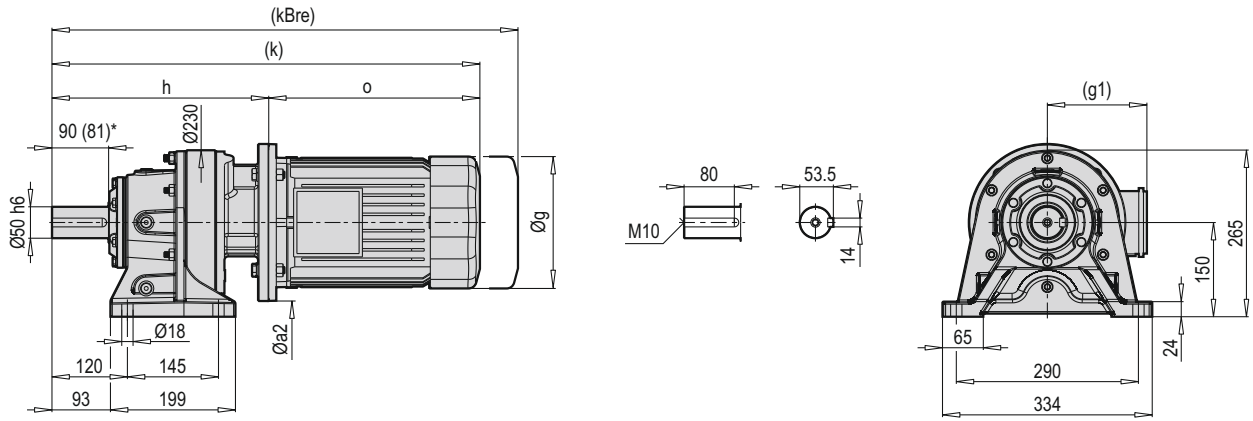


| ~ Kg | | | |
|-----------|----|----|----|
| PCD 613 W | H | V | F |
| | 43 | 42 | 36 |

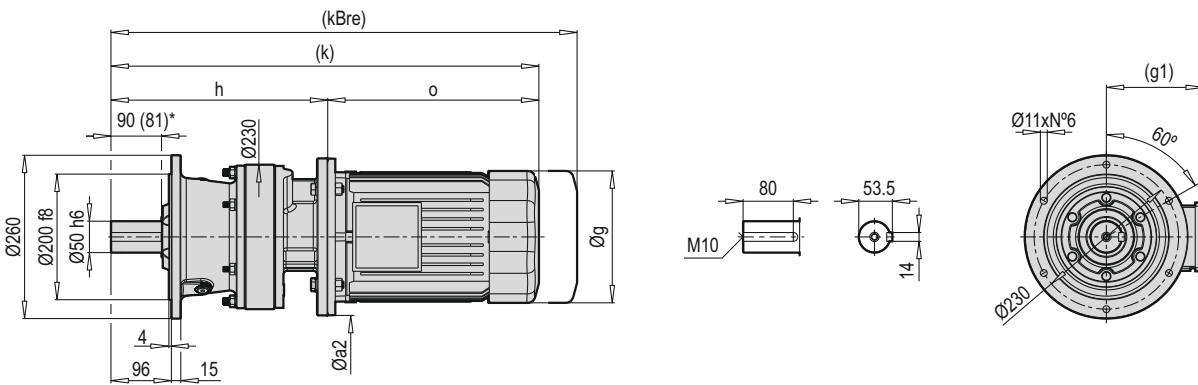
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|------|------|----|-----|
| PCD 613 | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 45 | 21.8 | 6 | 124 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 124 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 62 | 31.3 | 8 | 141 |
| | 112 | 250 | 180 | 215 | 6 | 14 | 28 | 62 | 31.3 | 8 | 141 |
| | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 82.5 | 41.3 | 10 | 161 |

| ~ Kg | | | |
|--------------|----|----|----|
| PCD 613 C B5 | H | V | F |
| 80 | 52 | 51 | 45 |
| 90 | 52 | 51 | 45 |
| 100 | 55 | 54 | 48 |
| 112 | 55 | 54 | 48 |
| 132 | 58 | 57 | 51 |

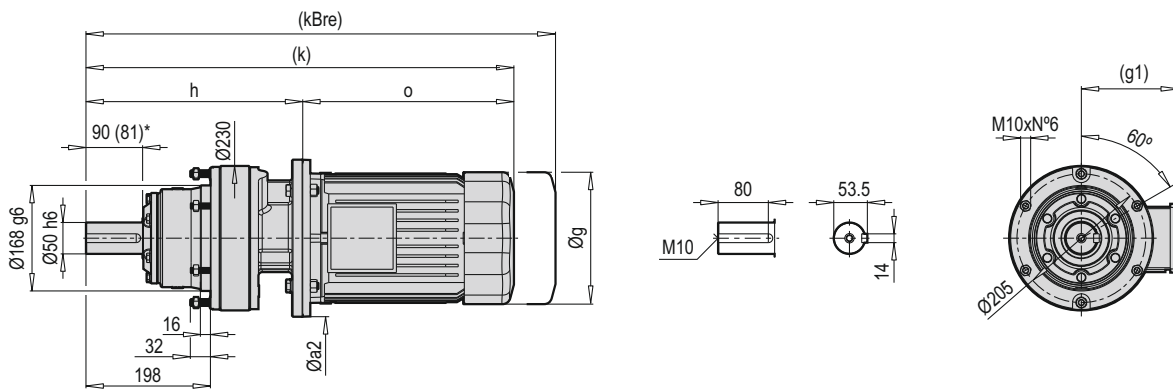
PCD 614 HXM



PCD 614 VXM



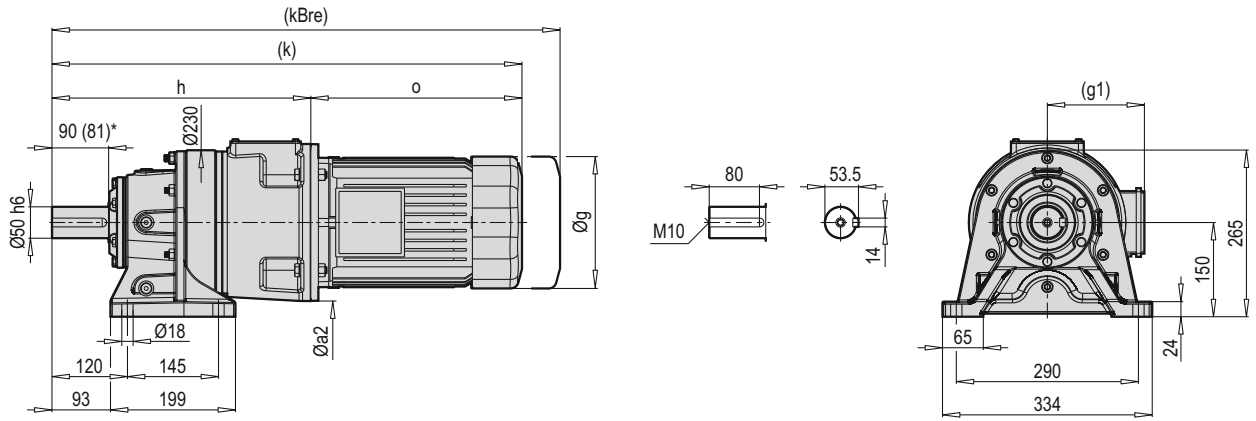
PCD 614 FXM



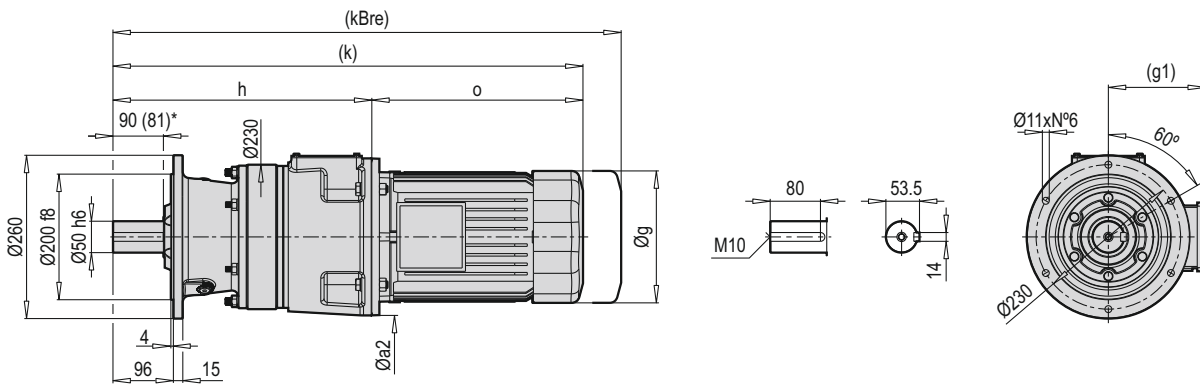
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 80 | 200 | 120 | 165 | 134.5 | 314.5 | 314.5 | 543.5 | 543.5 | 627 | 627 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 329.5 | 329.5 | 622.5 | 622.5 | 691 | 690 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 345 | 345 | 685 | 685 | 768 | 768 | 340 | 340 |
| 112 | 250 | 160 | 219 | 158.5 | 345 | 345 | 681 | 681 | 768 | 781.5 | 336 | 336 |
| 132 | 300 | 200 | 270 | 187 | 370.5 | 370.5 | 749.5 | 771 | 890.5 | 870.5 | 379 | 400.5 |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

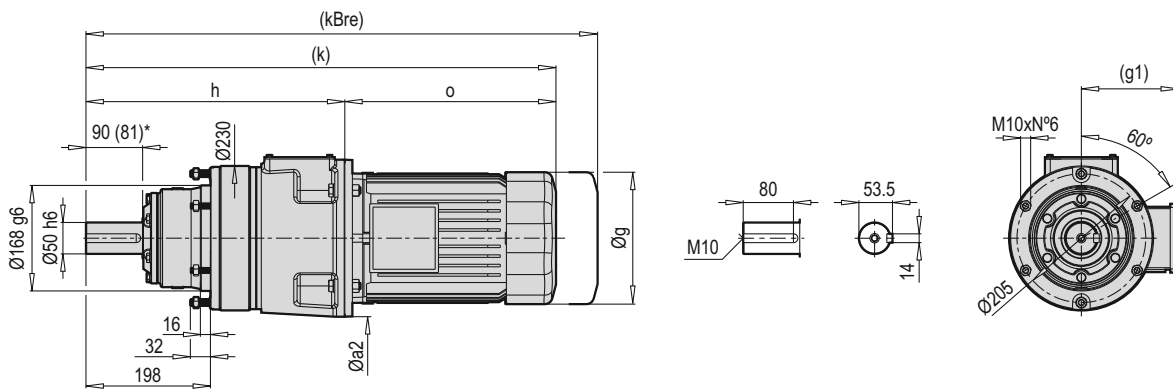
PCD 614 HCM



PCD 614 VCM



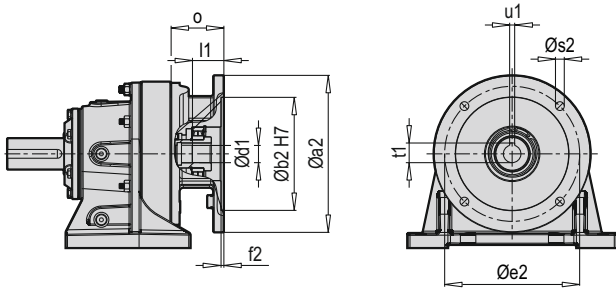
PCD 614 FCM



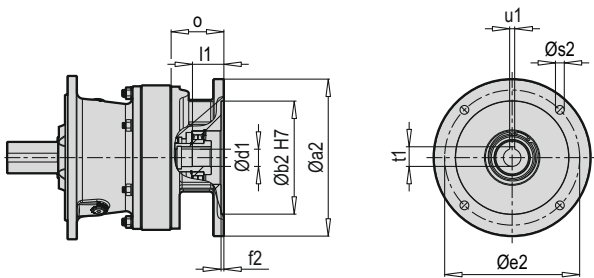
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-----|-----|-------|-----|
| 80 | 200 | 165 | 134.5 | 395 | 624 | 707.5 | 229 |
| 90 | 200 | 179 | 129 | 395 | 688 | 756.5 | 293 |
| 100 | 250 | 199 | 154.5 | 412 | 752 | 835 | 340 |
| 112 | 250 | 219 | 158.5 | 412 | 748 | 835 | 336 |
| 132 | 300 | 270 | 187 | 432 | 811 | 952 | 379 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

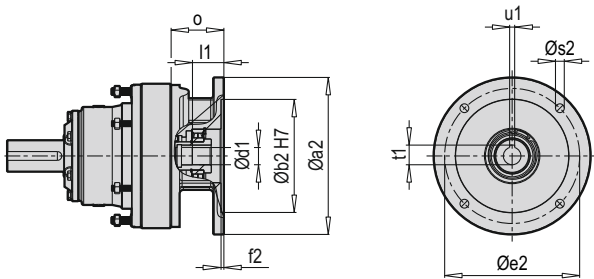
PCD 614 HX



PCD 614 VX



PCD 614 FX



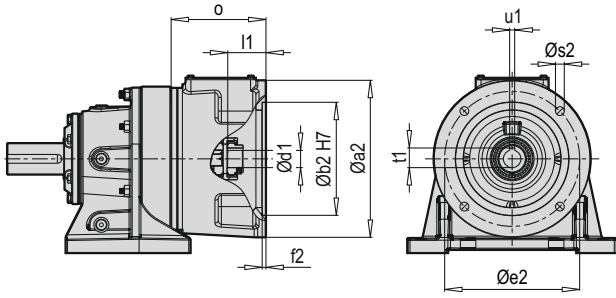
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|----|------|----|-------|
| PCD 614 | 80 | 200 | 130 | 165 | 5 | M10 | 19 | 30 | 21.8 | 6 | 53.5 |
| | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 40 | 27.3 | 8 | 68.5 |
| | 100 | 250 | 180 | 215 | 4.5 | 14 | 28 | 50 | 31.3 | 8 | 84 |
| | 112 | 250 | 180 | 215 | 4.5 | 14 | 28 | 50 | 31.3 | 8 | 84 |
| | 132 | 300 | 230 | 265 | 5 | 14 | 38 | 61 | 41.3 | 10 | 109.5 |

| ~ Kg | | | |
|-----------------|----|----|----|
| PCD 614 X B5 | H | V | F |
| 80 | 47 | 46 | 40 |
| 90 | 47 | 46 | 40 |
| 100 | 49 | 48 | 42 |
| 112 | 49 | 48 | 42 |
| 132 | 54 | 53 | 47 |

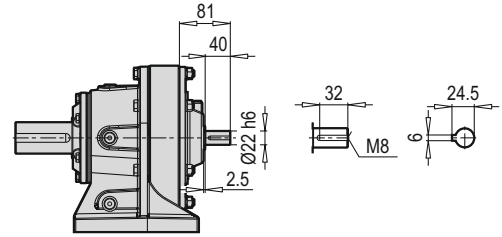
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|----|------|----|-------|
| PCD 614 | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 30 | 21.8 | 6 | 53.5 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 40 | 27.3 | 8 | 68.5 |
| | 100 | 160 | 110 | 130 | 4.5 | 9 | 28 | 50 | 31.3 | 8 | 84 |
| | 112 | 160 | 110 | 130 | 4.5 | 9 | 28 | 50 | 31.3 | 8 | 84 |
| | 132 | 200 | 130 | 165 | 5 | 11 | 38 | 61 | 41.3 | 10 | 109.5 |

| ~ Kg | | | |
|------------------|----|----|----|
| PCD 614 X B14 | H | V | F |
| 80 | 46 | 45 | 39 |
| 90 | 46 | 45 | 39 |
| 100 | 48 | 47 | 41 |
| 112 | 48 | 47 | 41 |
| 132 | 53 | 52 | 46 |

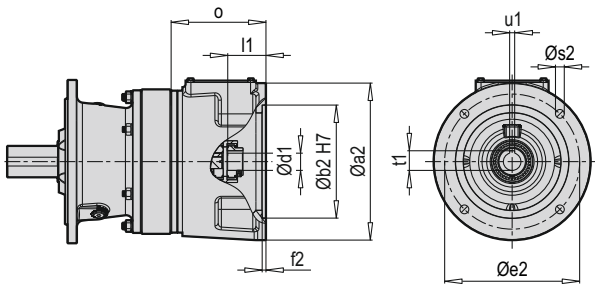
PCD 614 HC



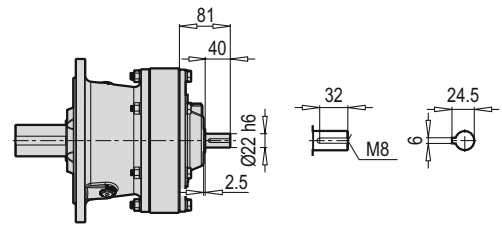
PCD 614 HW



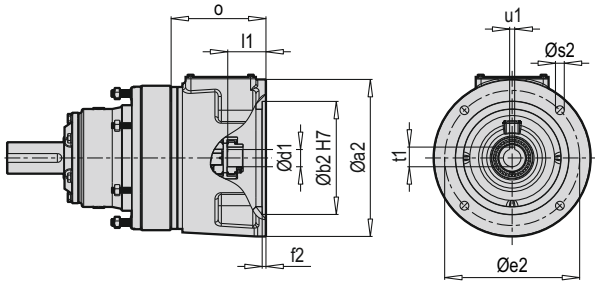
PCD 614 VC



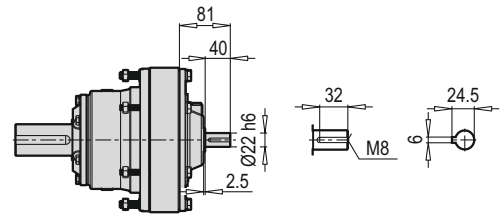
PCD 614 VW



PCD 614 FC



PCD 614 FW

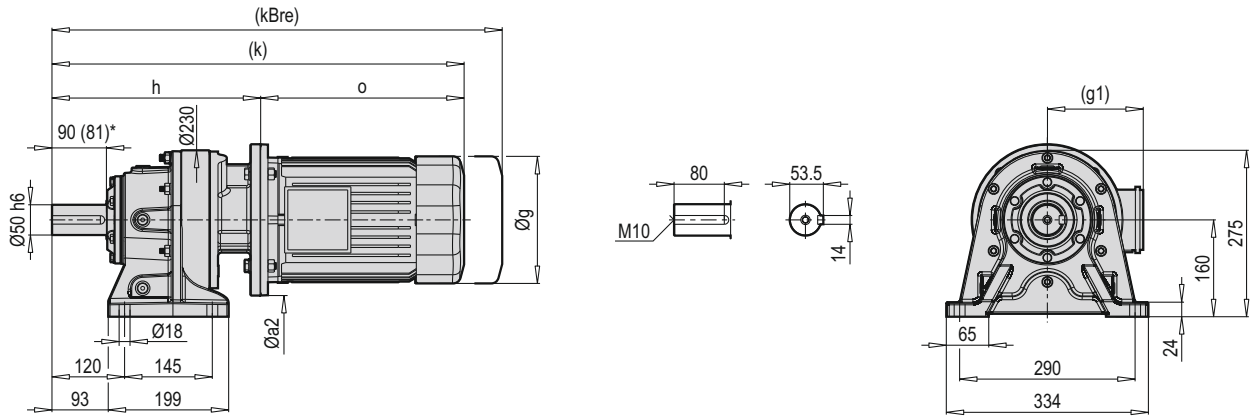


| ~ Kg | | | |
|-----------|----|----|----|
| PCD 614 W | H | V | F |
| | 44 | 43 | 37 |

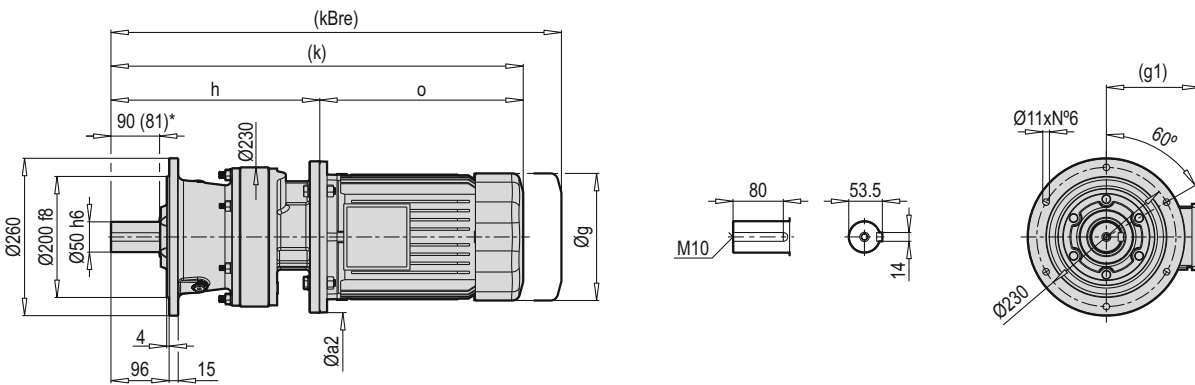
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|------|------|----|-----|
| PCD 614 | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 45 | 21.8 | 6 | 124 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 124 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 62 | 31.3 | 8 | 141 |
| | 112 | 250 | 180 | 215 | 6 | 14 | 28 | 62 | 31.3 | 8 | 141 |
| | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 82.5 | 41.3 | 10 | 161 |

| ~ Kg | | | |
|--------------|----|----|----|
| PCD 614 C B5 | H | V | F |
| 80 | 53 | 52 | 46 |
| 90 | 53 | 52 | 46 |
| 100 | 56 | 55 | 49 |
| 112 | 56 | 55 | 49 |
| 132 | 59 | 58 | 52 |

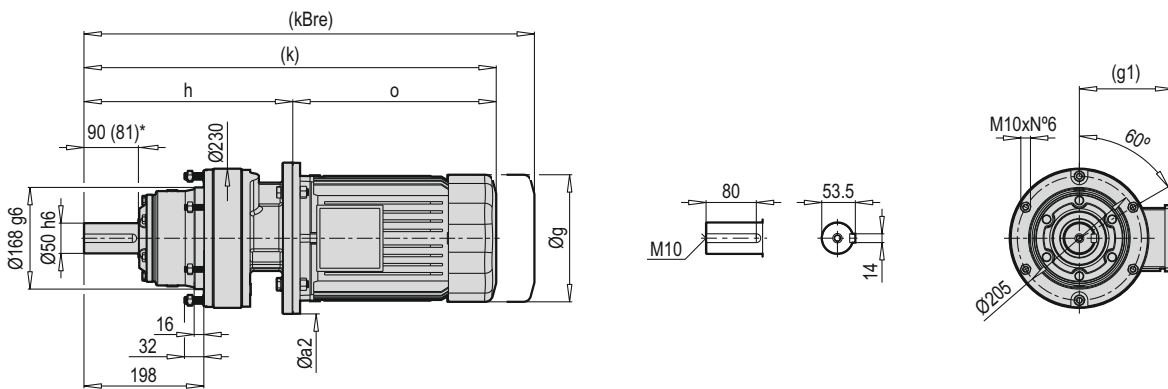
PCD 615 HXM



PCD 615 VXM



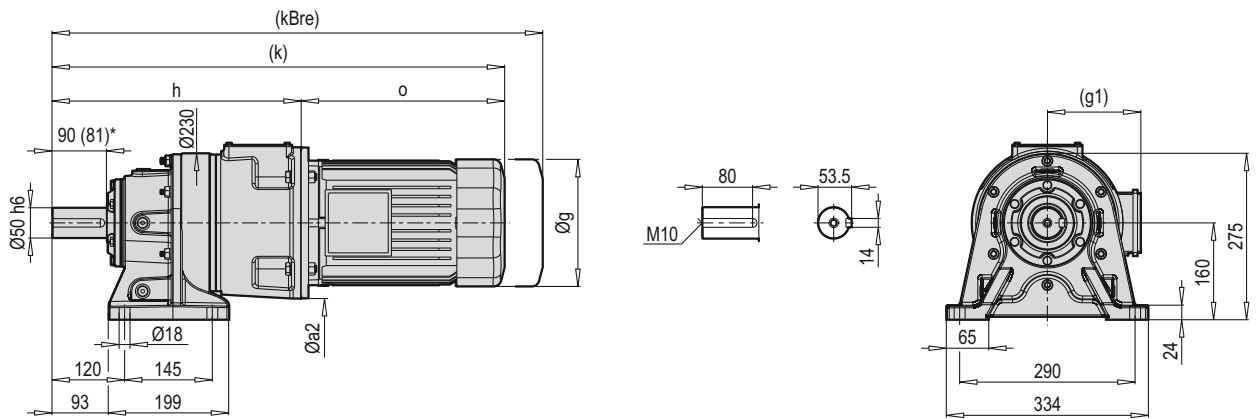
PCD 615 FXM



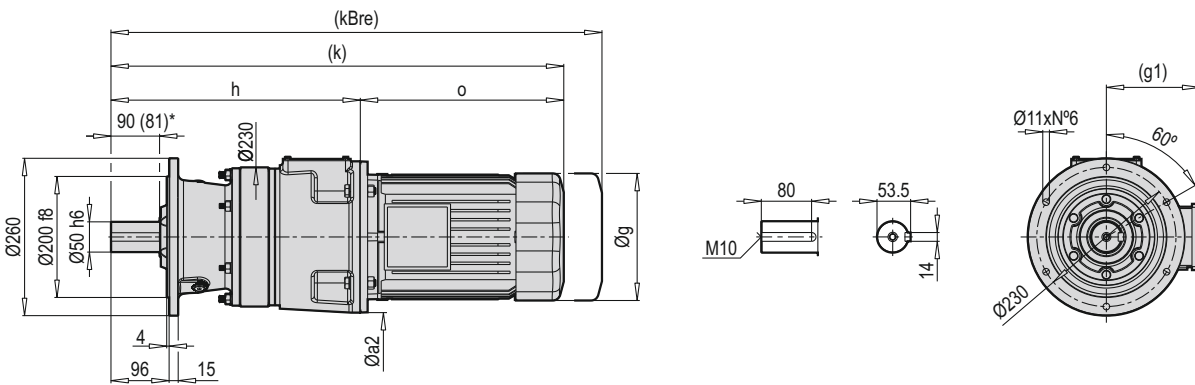
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|--------|-----|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 90 | 200 | 140 | 179 | 129 | 329.5 | 329.5 | 622.5 | 622.5 | 691 | 983 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 345 | 345 | 685 | 685 | 768 | 1108 | 340 | 340 |
| 112 | 250 | 160 | 219 | 158.5 | 345 | 345 | 681 | 681 | 768 | 1117.5 | 336 | 336 |
| 132 | 300 | 200 | 270 | 187 | 370.5 | 370.5 | 749.5 | 749.5 | 890.5 | 1249.5 | 379 | 400.5 |
| 160 | 350 | - | 321 | 214 | 398.5 | - | 878.5 | - | 984.5 | - | 480 | - |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

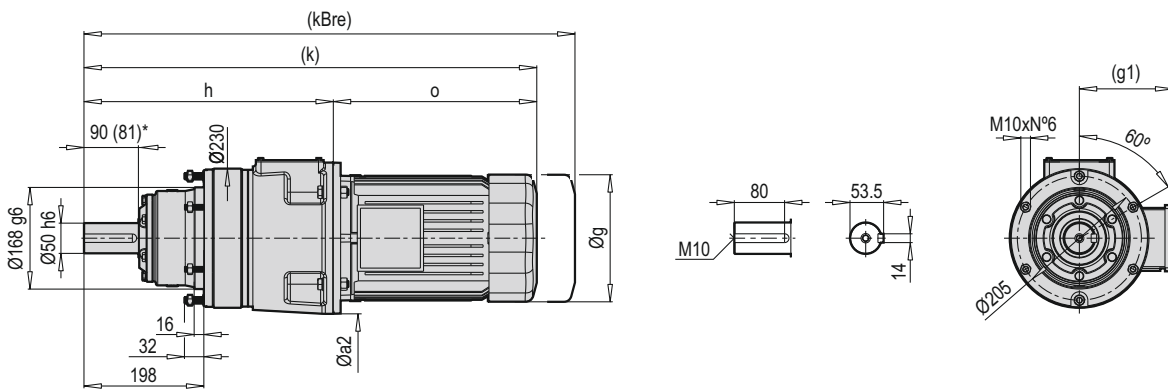
PCD 615 HCM



PCD 615 VCM



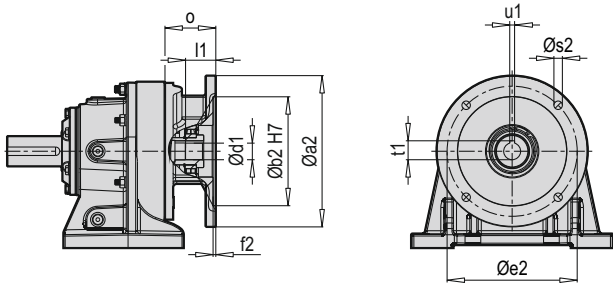
PCD 615 FCM



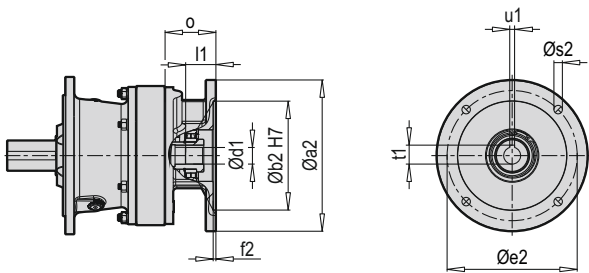
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-----|-----|-------|-----|
| 90 | 200 | 179 | 129 | 395 | 688 | 756.5 | 293 |
| 100 | 250 | 199 | 154.5 | 415 | 755 | 838 | 340 |
| 112 | 250 | 219 | 158.5 | 415 | 751 | 838 | 336 |
| 132 | 300 | 270 | 187 | 432 | 811 | 952 | 379 |
| 160 | 350 | 321 | 214 | 455 | 935 | 1041 | 480 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

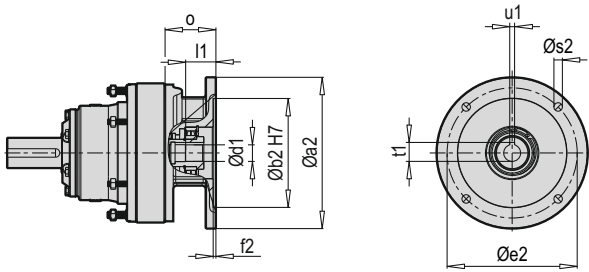
PCD 615 HX



PCD 615 VX



PCD 615 FX



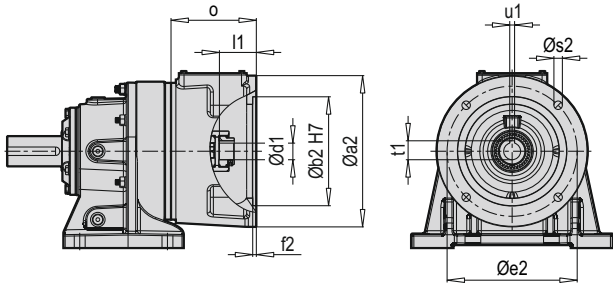
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|----|------|----|-------|
| PCD 615 | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 40 | 27.3 | 8 | 68.5 |
| | 100 | 250 | 180 | 215 | 4.5 | 14 | 28 | 50 | 31.3 | 8 | 84 |
| | 112 | 250 | 180 | 215 | 4.5 | 14 | 28 | 50 | 31.3 | 8 | 84 |
| | 132 | 300 | 230 | 265 | 5 | 14 | 38 | 61 | 41.3 | 10 | 109.5 |
| | 160 | 350 | 250 | 265 | 5 | 14 | 38 | 61 | 41.3 | 10 | 137.5 |

| ~ Kg | | | |
|-----------------|----|----|----|
| PCD 615 X B5 | H | V | F |
| 90 | 47 | 44 | 38 |
| 100 | 49 | 44 | 38 |
| 112 | 49 | 44 | 38 |
| 132 | 54 | 51 | 45 |
| 160 | 46 | 43 | 37 |

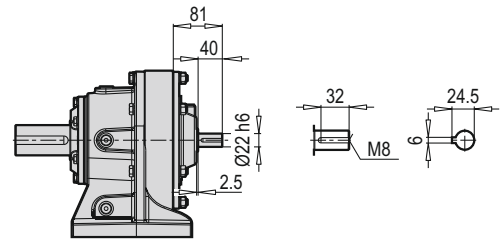
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|----|------|----|-------|
| PCD 615 | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 40 | 27.3 | 8 | 68.5 |
| | 100 | 160 | 110 | 130 | 4.5 | 9 | 28 | 50 | 31.3 | 8 | 84 |
| | 112 | 160 | 110 | 130 | 4.5 | 9 | 28 | 50 | 31.3 | 8 | 84 |
| | 132 | 200 | 130 | 165 | 5 | 11 | 38 | 61 | 41.3 | 10 | 109.5 |

| ~ Kg | | | |
|------------------|----|----|----|
| PCD 615 X B14 | H | V | F |
| 90 | 46 | 43 | 37 |
| 100 | 48 | 45 | 39 |
| 112 | 48 | 45 | 39 |
| 132 | 53 | 50 | 44 |

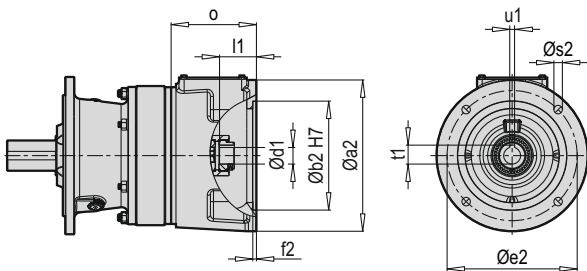
PCD 615 HC



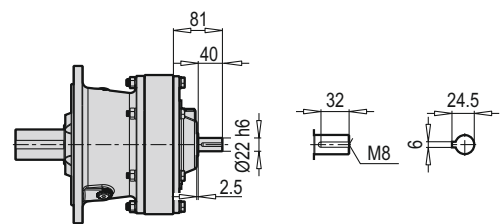
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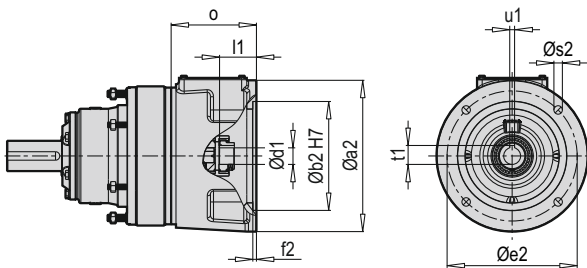
PCD 615 VC



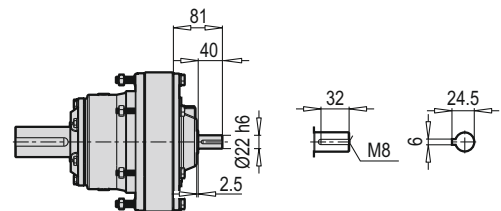
PCD 615 VW



PCD 615 FC



PCD 615 FW

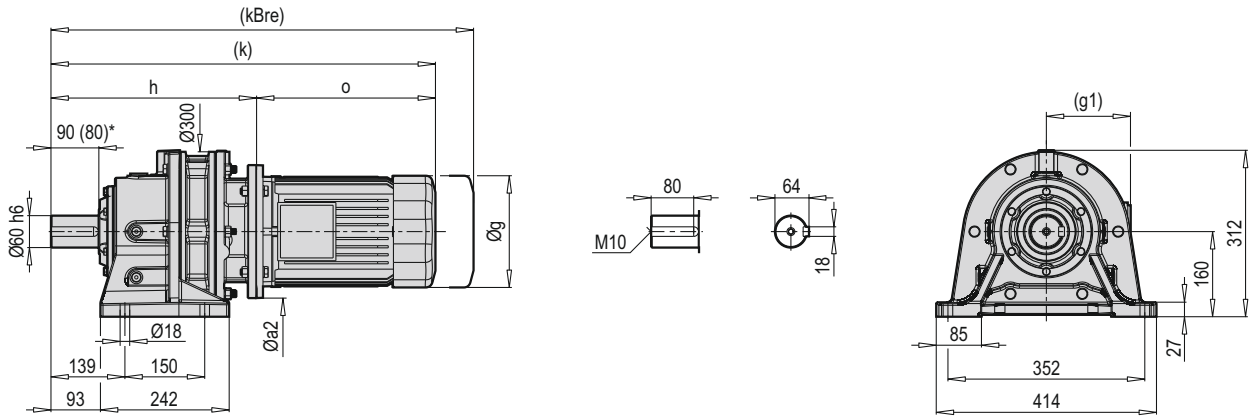


| ~ Kg | | | |
|-----------|----|----|----|
| PCD 615 W | H | V | F |
| 615 | 46 | 43 | 37 |

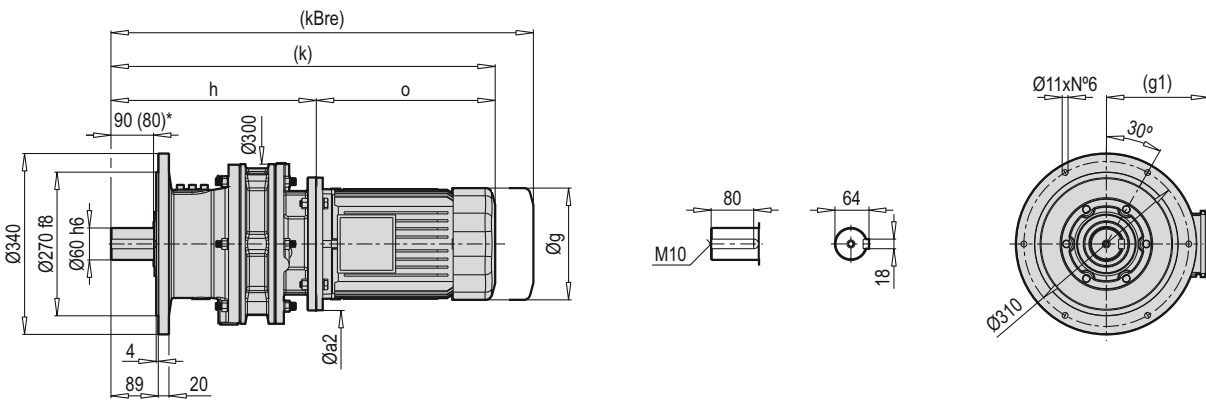
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|------|------|----|-----|
| PCD 615 | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 124 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 62 | 31.3 | 8 | 141 |
| | 112 | 250 | 180 | 215 | 6 | 14 | 28 | 62 | 31.3 | 8 | 141 |
| | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 82.5 | 41.3 | 10 | 161 |
| | 160 | 350 | 250 | 300 | 6 | 19 | 42 | 85 | 45.3 | 12 | 184 |

| ~ Kg | | | |
|--------------|----|----|----|
| PCD 615 C B5 | H | V | F |
| 90 | 55 | 52 | 46 |
| 100 | 58 | 55 | 49 |
| 112 | 58 | 55 | 49 |
| 132 | 61 | 58 | 52 |
| 160 | 64 | 61 | 55 |

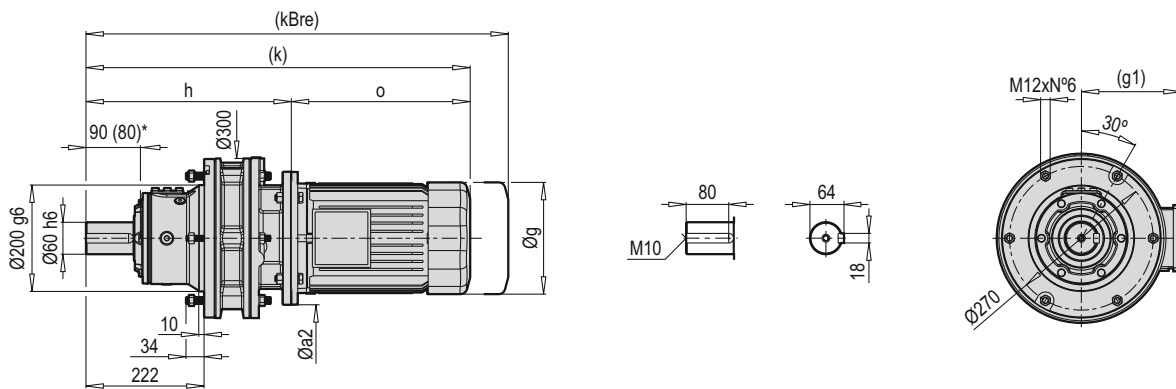
PCD 616 HXM



PCD 616 VXM



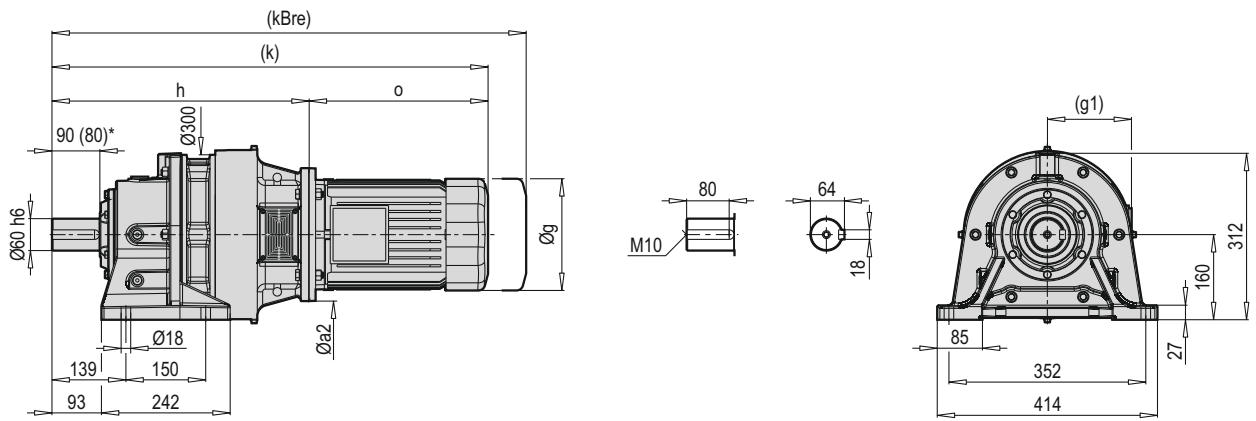
PCD 616 FXM



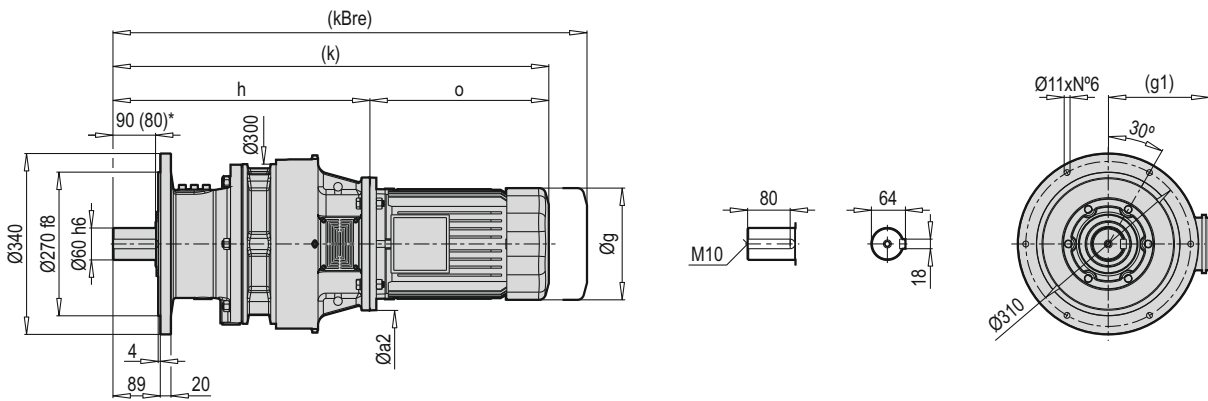
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-----|-----|-----|-------|-------|-------|-----|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 90 | 200 | 140 | 179 | 129 | 380 | 380 | 673 | 673 | 741.5 | 740.5 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 386 | 386 | 726 | 726 | 809 | 809 | 340 | 340 |
| 112 | 250 | 160 | 219 | 158.5 | 386 | 386 | 722 | 722 | 809 | 822.5 | 336 | 336 |
| 132 | 300 | 200 | 270 | 187 | 404 | 404 | 783 | 804.5 | 924 | 904 | 379 | 400.5 |
| 160 | 350 | - | 321 | 214 | 437 | - | 917 | - | 1023 | - | 480 | - |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

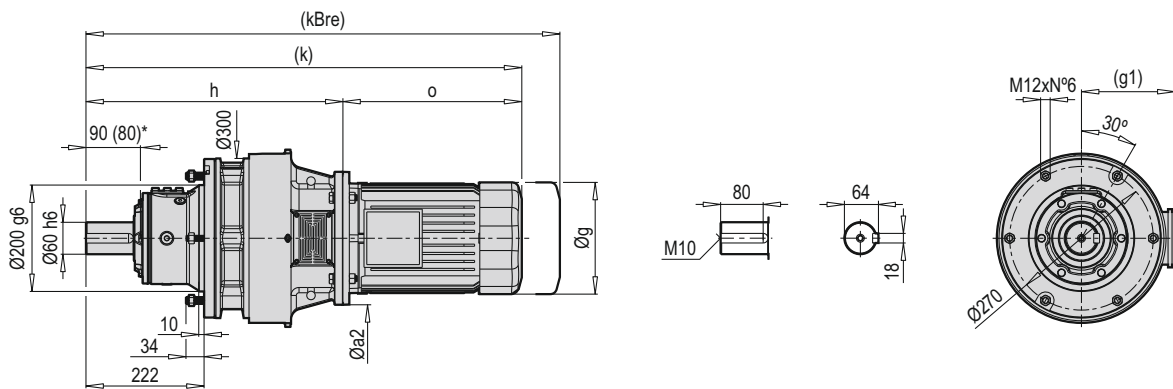
PCD 616 HCM



PCD 616 VCM



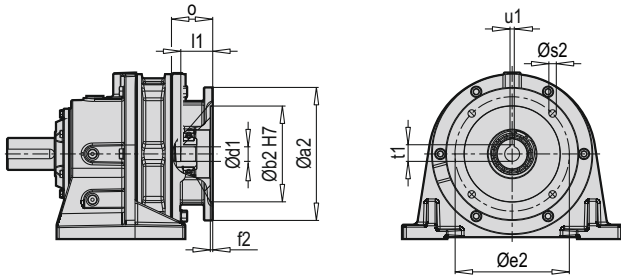
PCD 616 FCM



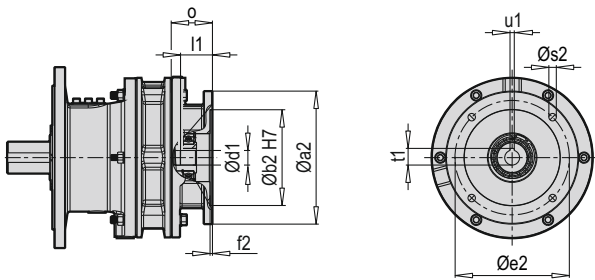
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-------|--------|--------|-----|
| 90 | 200 | 179 | 129 | 468.5 | 761.5 | 830 | 293 |
| 100 | 250 | 199 | 154.5 | 483.5 | 823.5 | 906.5 | 340 |
| 112 | 250 | 219 | 158.5 | 483.5 | 819.5 | 906.5 | 336 |
| 132 | 300 | 270 | 187 | 497.5 | 876.5 | 1017.5 | 379 |
| 160 | 350 | 321 | 214 | 527.5 | 1007.5 | 1117.5 | 480 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donné pour position M4. / (*) Dado para la posición M4.

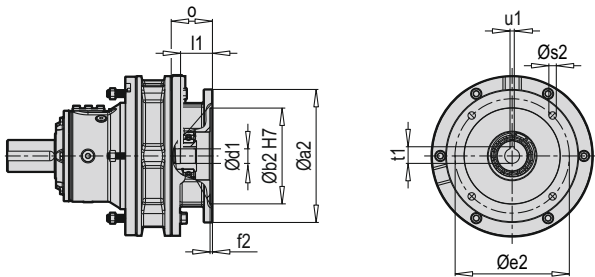
PCD 616 HX



PCD 616 VX



PCD 616 FX



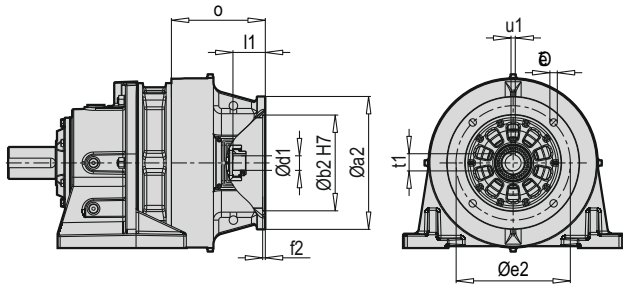
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-------|-----|-----|-----|-----|-----|----|------|----|-----|
| PCD 616 | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 43 | 27.3 | 8 | 71 |
| | 100 | 250 | 180 | 215 | 4.5 | 14 | 28 | 60 | 31.3 | 8 | 77 |
| | 112 | 250 | 180 | 215 | 4.5 | 14 | 28 | 60 | 31.3 | 8 | 77 |
| | 132 | 297.5 | 230 | 265 | 4.5 | 14 | 38 | 60 | 41.3 | 10 | 95 |
| | 160 | 350 | 250 | 300 | 6 | 18 | 42 | 71 | 45.3 | 12 | 128 |

| ~ Kg | | | |
|-----------------|-------|-------|-------|
| PCD 616 X B5 | H | V | F |
| 90 | 100 | 95 | 82 |
| 100 | 112 | 107 | 94 |
| 112 | 119.5 | 114.5 | 101.5 |
| 132 | 147 | 142 | 129 |
| 160 | 188 | 183 | 170 |

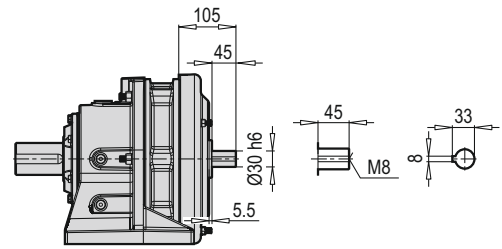
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|----|------|----|----|
| PCD 616 | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 43 | 27.3 | 8 | 71 |
| | 100 | 160 | 110 | 130 | 4.5 | 9 | 28 | 60 | 31.3 | 8 | T |
| | 112 | 160 | 110 | 130 | 4.5 | 9 | 28 | 60 | 31.3 | 8 | 77 |
| | 132 | 200 | 130 | 165 | 4.5 | 11 | 38 | 60 | 41.3 | 10 | 95 |

| ~ Kg | | | |
|------------------|-------|-------|-------|
| PCD 616 X B14 | H | V | F |
| 90 | 99 | 94 | 81 |
| 100 | 111 | 106 | 93 |
| 112 | 118.5 | 113.5 | 100.5 |
| 132 | 146 | 141 | 128 |

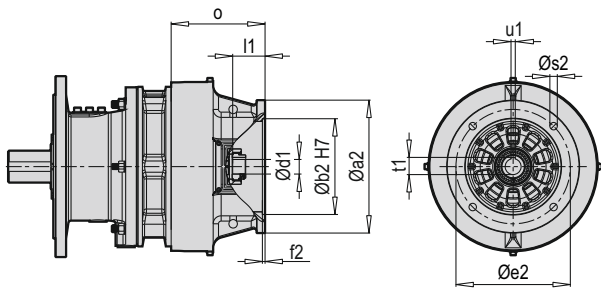
PCD 616 HC



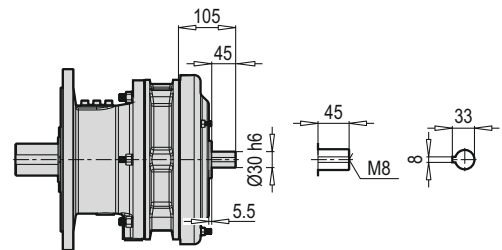
PCD 616 HW



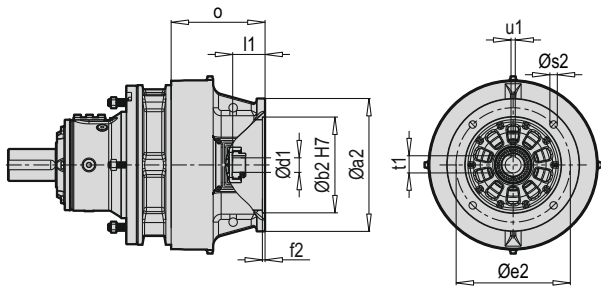
PCD 616 VC



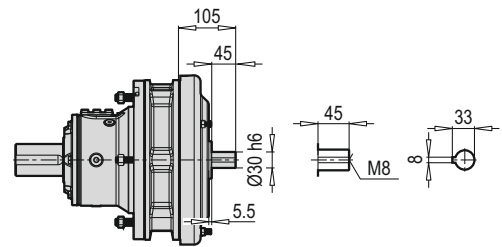
PCD 616 VW



PCD 616 FC



PCD 616 FW

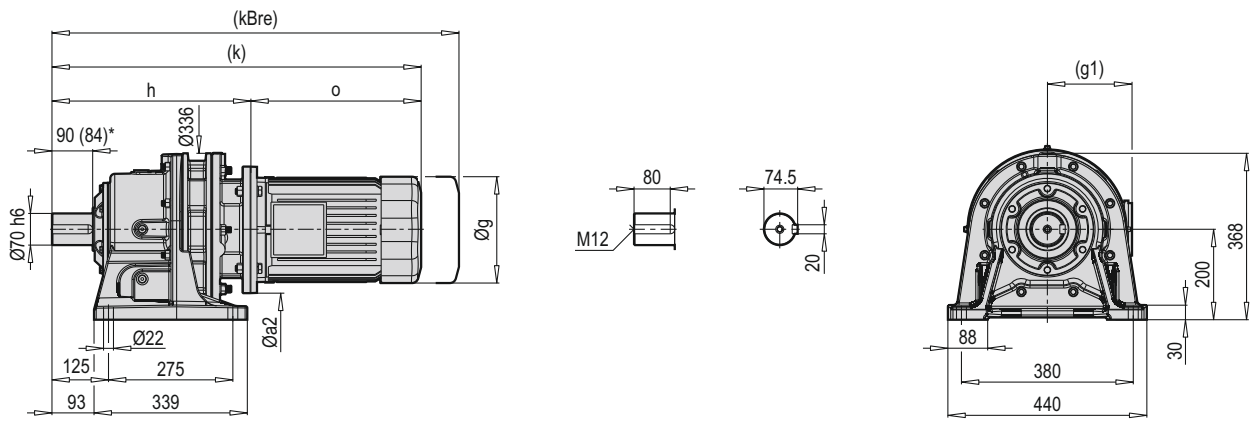


| ~ Kg | | | |
|-----------|----|----|----|
| PCD 616 W | H | V | F |
| | 85 | 80 | 67 |

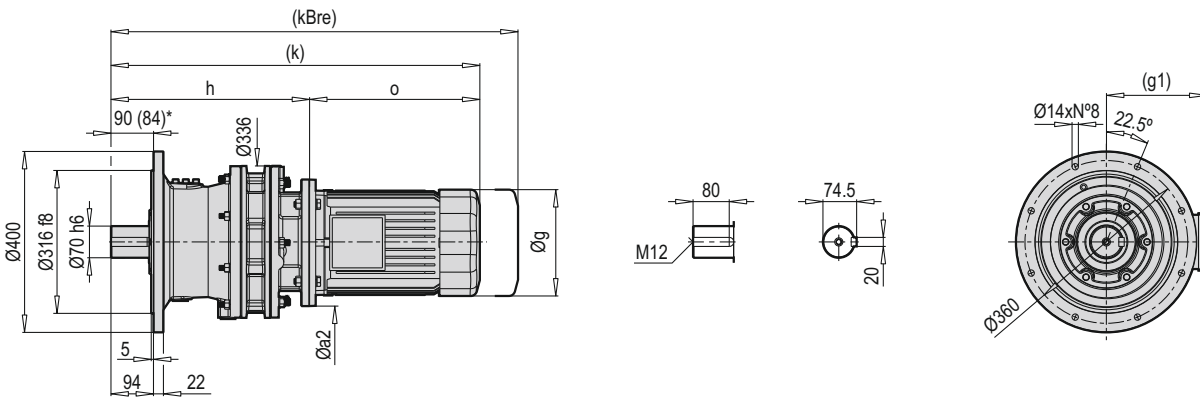
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|----|------|----|-----|
| PCD 616 | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 50 | 27.3 | 8 | 145 |
| | 100 | 250 | 180 | 215 | 5 | 14 | 28 | 62 | 31.3 | 8 | 160 |
| | 112 | 250 | 180 | 215 | 5 | 14 | 28 | 62 | 31.3 | 8 | 160 |
| | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 78 | 41.3 | 10 | 174 |
| | 160 | 350 | 250 | 300 | 7 | 19 | 42 | 85 | 45.3 | 12 | 204 |

| ~ Kg | | | |
|--------------|-----|-----|----|
| PCD 616 C B5 | H | V | F |
| 90 | 98 | 93 | 80 |
| 100 | 101 | 96 | 83 |
| 112 | 101 | 96 | 83 |
| 132 | 103 | 98 | 85 |
| 160 | 107 | 102 | 89 |

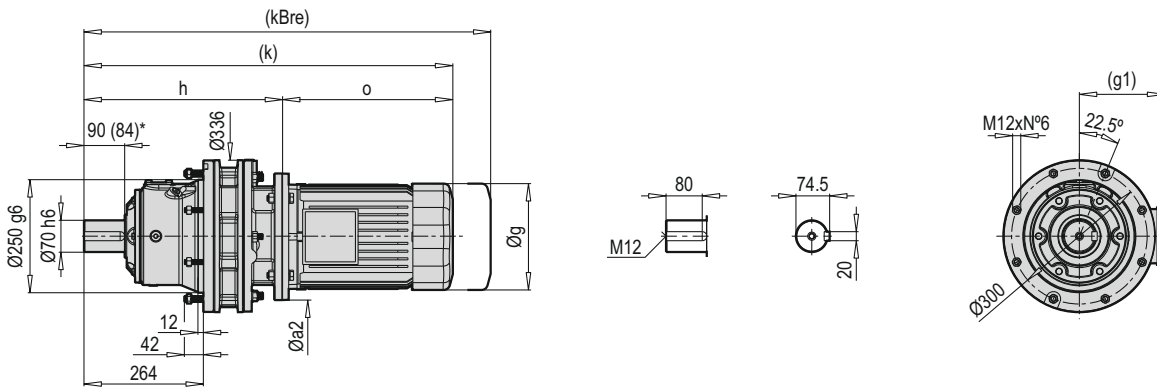
PCD 617 HXM



PCD 617 VXM



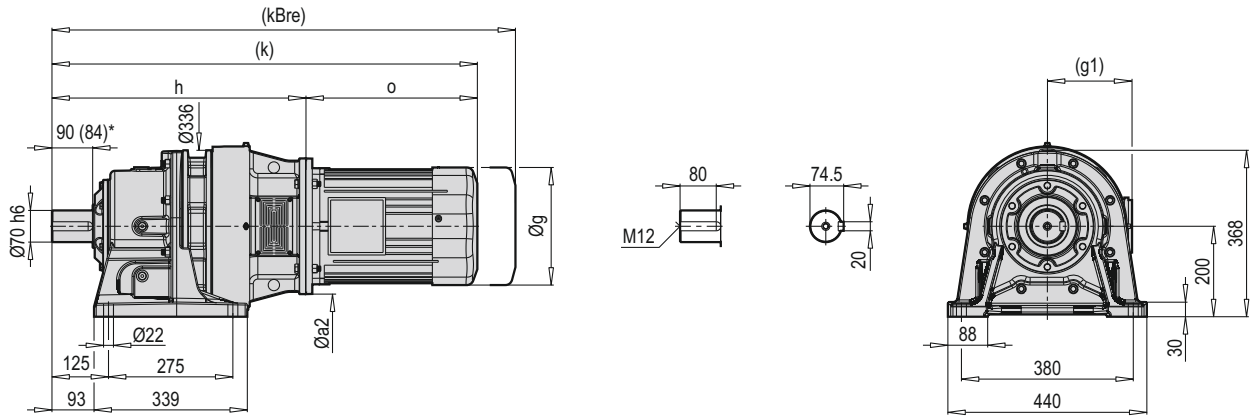
PCD 617 FXM



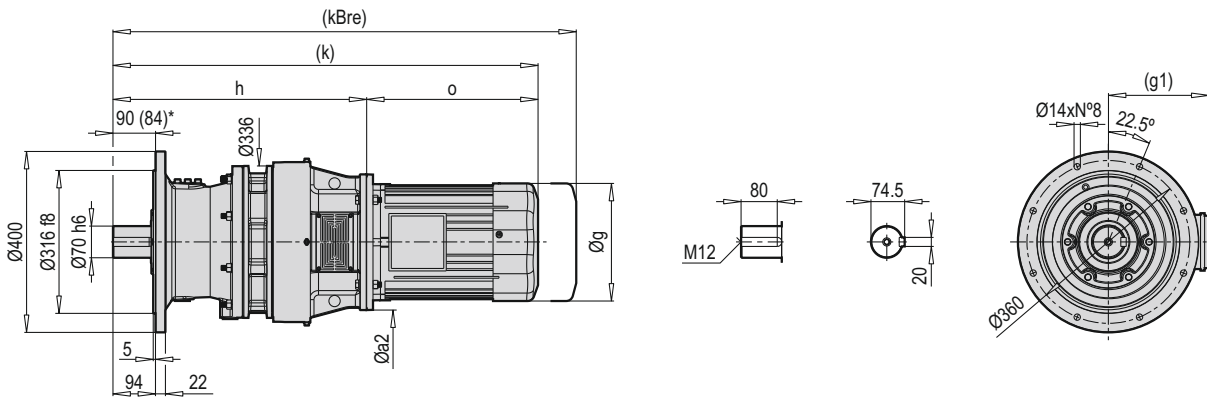
| HXM VXM FXM | Øa2 | | g | g1 | h | | k | | kBre | | o | |
|-------------------|-----|-----|---|----|----|-----|----|-----|------|-----|----|-----|
| | B5 | B14 | | | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 100 | - | - | - | - | - | - | - | - | - | - | - | - |
| 112 | - | - | - | - | - | - | - | - | - | - | - | - |
| 132 | - | - | - | - | - | - | - | - | - | - | - | - |
| 160 | - | - | - | - | - | - | - | - | - | - | - | - |
| 180 | - | - | - | - | - | - | - | - | - | - | - | - |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

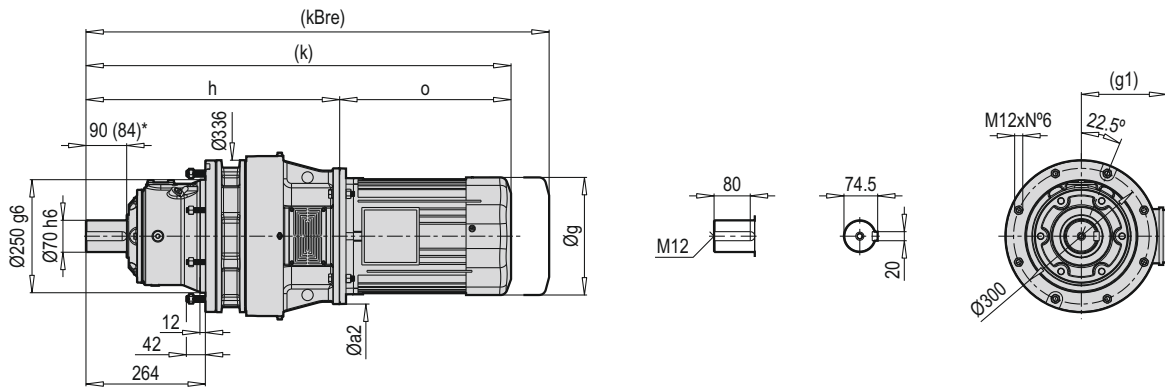
PCD 617 HCM



PCD 617 VCM



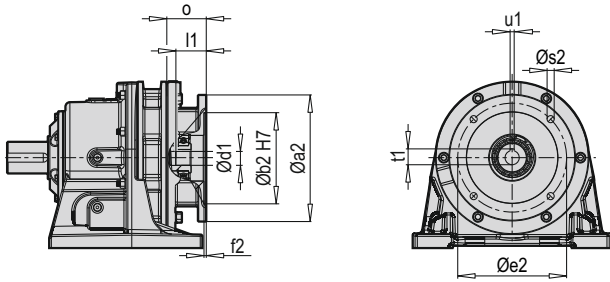
PCD 617 FCM



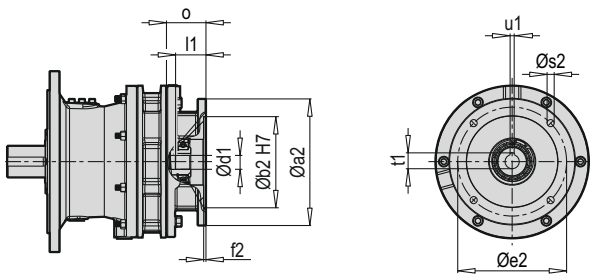
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-----|------|--------|-----|
| 100 | 250 | 199 | 154.5 | 541 | 881 | 964 | 340 |
| 112 | 250 | 219 | 158.5 | 541 | 877 | 964 | 336 |
| 132 | 300 | 270 | 187 | 561 | 940 | 1081 | 379 |
| 160 | 350 | 321 | 214 | 592 | 1072 | 1178 | 480 |
| 180 | 350 | 363 | 249 | 592 | 1172 | 1296.5 | 586 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

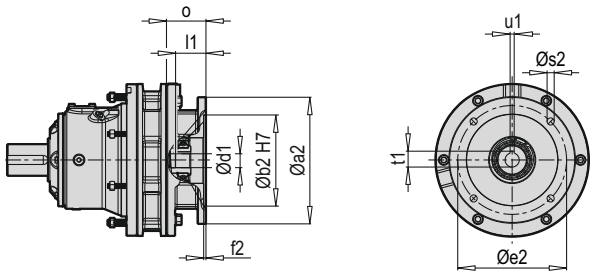
PCD 617 HX



PCD 617 VX



PCD 617 FX



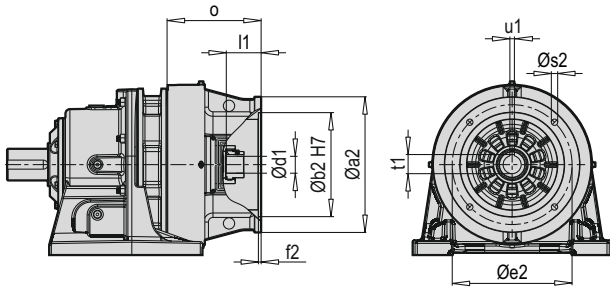
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 617 | 100 | - | - | - | - | - | - | - | - | - | - |
| | 112 | - | - | - | - | - | - | - | - | - | - |
| | 132 | - | - | - | - | - | - | - | - | - | - |
| | 160 | - | - | - | - | - | - | - | - | - | - |
| | 180 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|-----------------|---|---|---|
| PCD 617 X B5 | H | V | F |
| 100 | - | - | - |
| 112 | - | - | - |
| 132 | - | - | - |
| 160 | - | - | - |
| 180 | - | - | - |

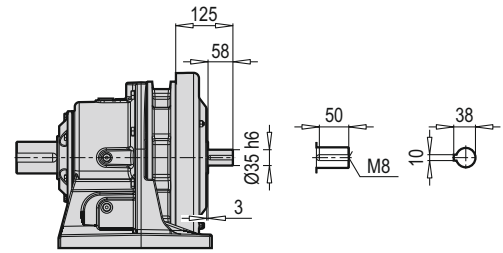
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 617 | 100 | - | - | - | - | - | - | - | - | - | - |
| | 112 | - | - | - | - | - | - | - | - | - | - |
| | 132 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|------------------|---|---|---|
| PCD 617 X B14 | H | V | F |
| 100 | - | - | - |
| 112 | - | - | - |
| 132 | - | - | - |

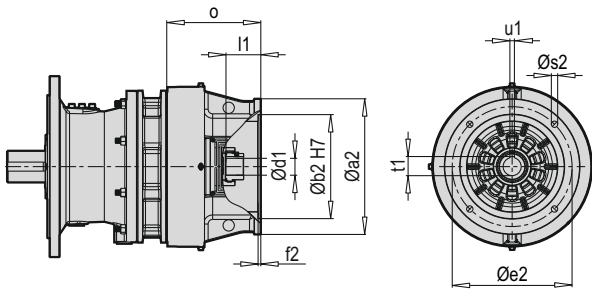
PCD 617 HC



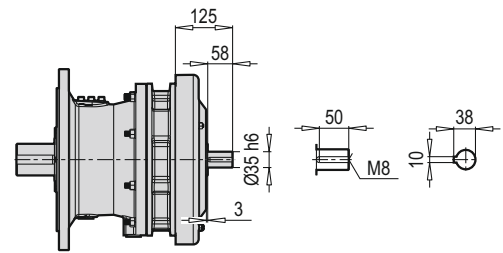
PCD 617 HW



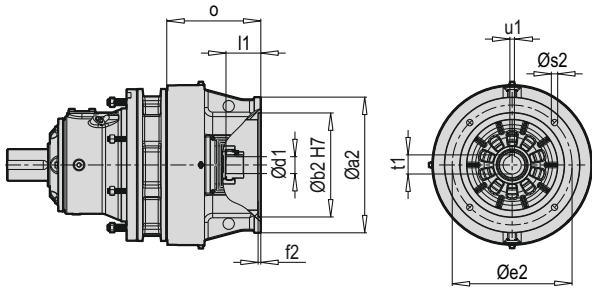
PCD 617 VC



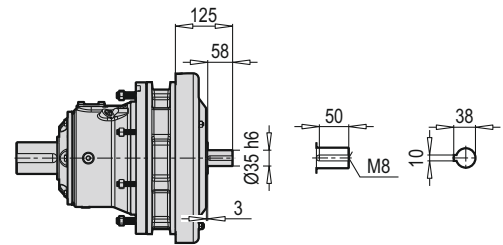
PCD 617 VW



PCD 617 FC



PCD 617 FW

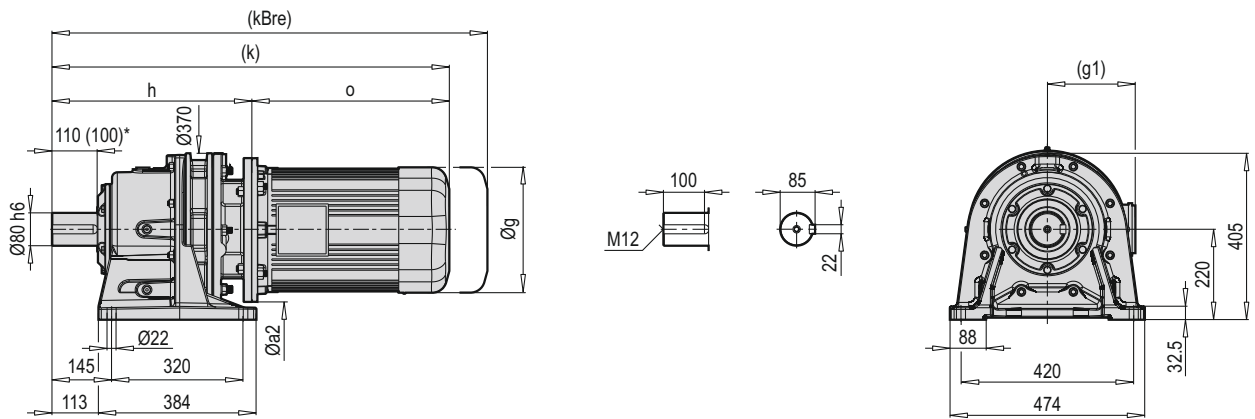


| ~ kg | | | |
|-----------|-----|-----|----|
| PCD 617 W | H | V | F |
| | 125 | 125 | 96 |

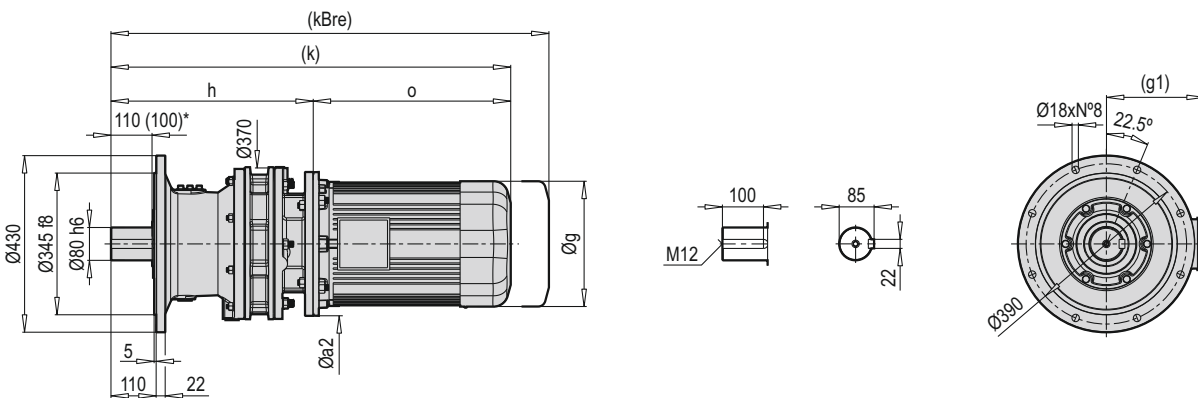
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|-------|------|----|-----|
| PCD 617 | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 58 | 31.3 | 8 | 174 |
| | 112 | 250 | 180 | 215 | 6 | 14 | 28 | 58 | 31.3 | 8 | 174 |
| | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 78 | 41.3 | 10 | 194 |
| | 160 | 350 | 250 | 300 | 6 | 18 | 42 | 101 | 45.3 | 12 | 225 |
| | 180 | 350 | 250 | 300 | 6 | 18 | 48 | 105.5 | 51.8 | 14 | 225 |

| ~ kg | | | |
|--------------|-------|-------|-------|
| PCD 617 C B5 | H | V | F |
| 100 | 146 | 146 | 117 |
| 112 | 146 | 146 | 117 |
| 132 | 147.5 | 147.5 | 118.5 |
| 160 | 155 | 155 | 126 |
| 180 | 155 | 155 | 126 |

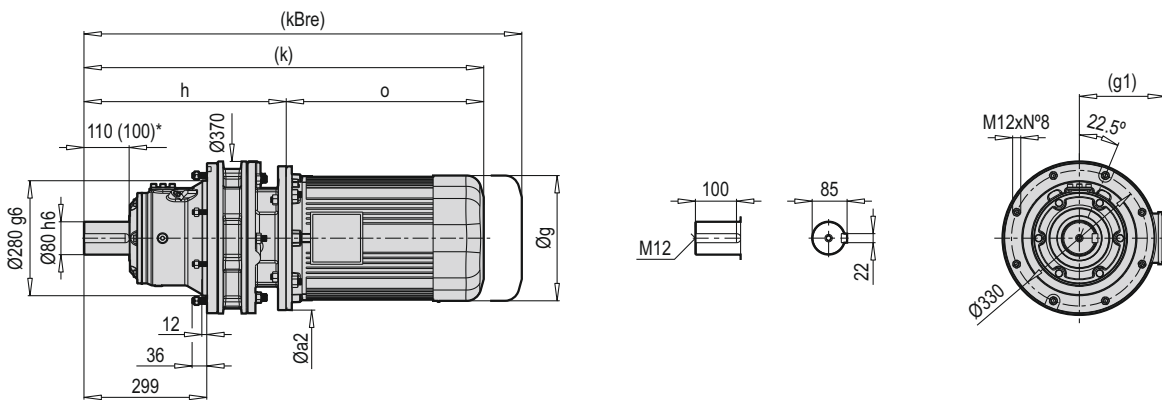
PCD 618 HXM



PCD 618 VXM



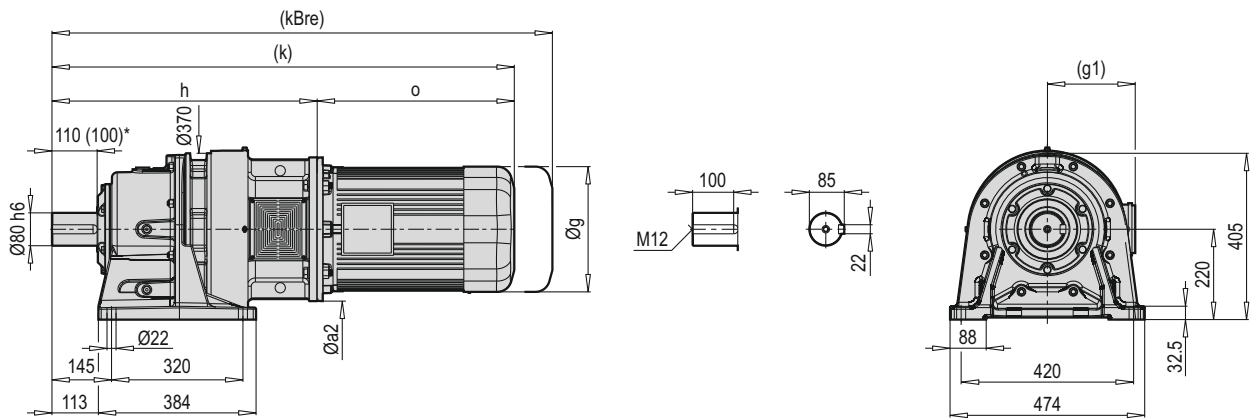
PCD 618 FXM



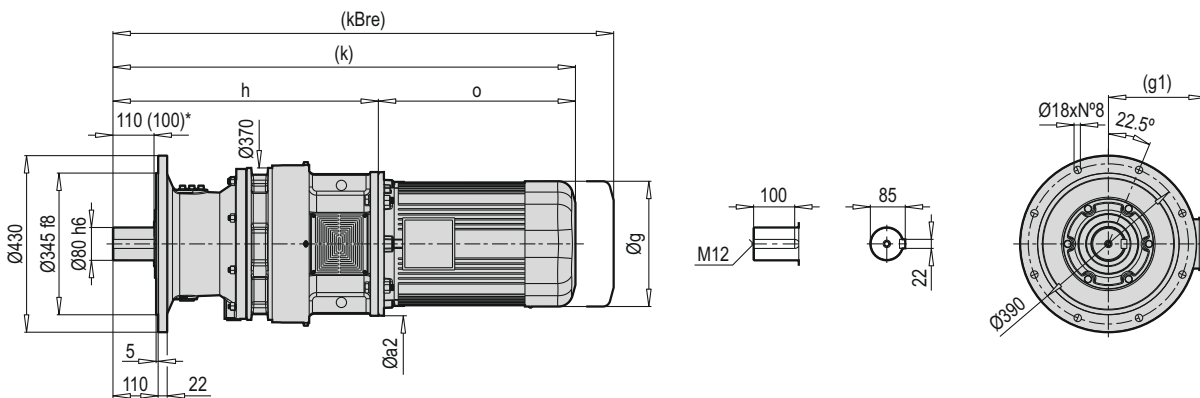
| HXM VXM FXM | Øa2 | | g | g1 | h | | k | | kBre | | o | |
|-------------------|-----|-----|---|----|----|-----|----|-----|------|-----|----|-----|
| | B5 | B14 | | | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 100 | - | - | - | - | - | - | - | - | - | - | - | - |
| 112 | - | - | - | - | - | - | - | - | - | - | - | - |
| 132 | - | - | - | - | - | - | - | - | - | - | - | - |
| 160 | - | - | - | - | - | - | - | - | - | - | - | - |
| 180 | - | - | - | - | - | - | - | - | - | - | - | - |
| 200 | - | - | - | - | - | - | - | - | - | - | - | - |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donné pour position M4. / (*) Dado para la posición M4.

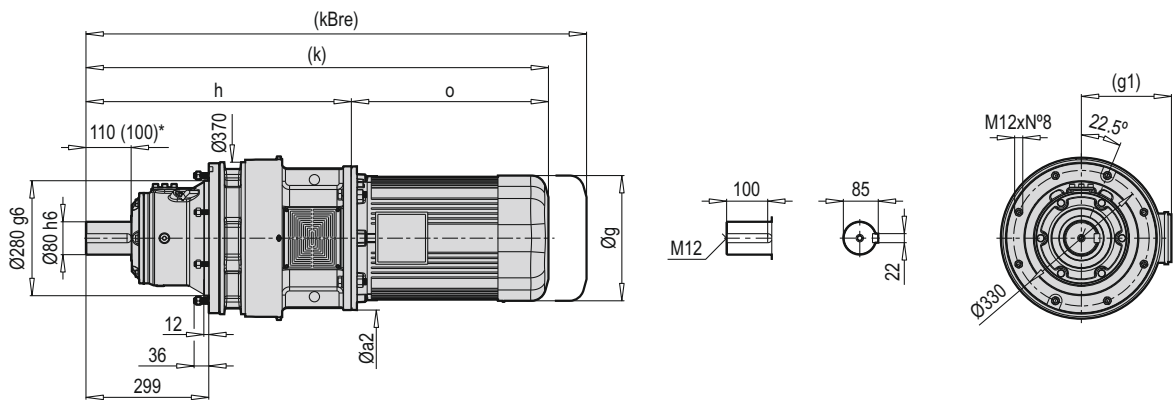
PCD 618 HCM



PCD 618 VCM



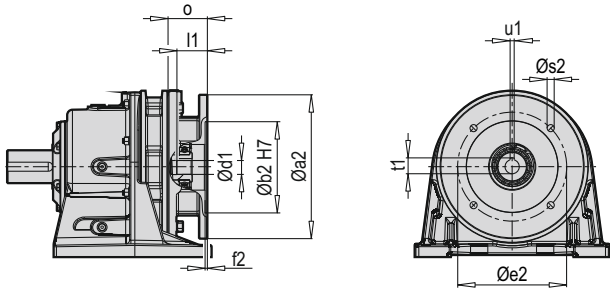
PCD 618 FCM



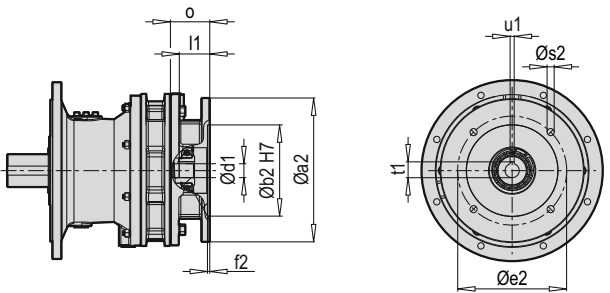
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-----|--------|--------|-------|
| 100 | 250 | 199 | 154.5 | 591 | 931 | 1014 | 340 |
| 112 | 250 | 219 | 158.5 | 591 | 927 | 1014 | 336 |
| 132 | 300 | 270 | 187 | 611 | 990 | 1131 | 379 |
| 160 | 350 | 321 | 214 | 646 | 1126 | 1232 | 480 |
| 180 | 350 | 363 | 249 | 646 | 1232 | 1350.5 | 586 |
| 200 | 400 | 363 | 249 | 646 | 1241.5 | 1360 | 595.5 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donné pour position M4. / (*) Dado para la posición M4.

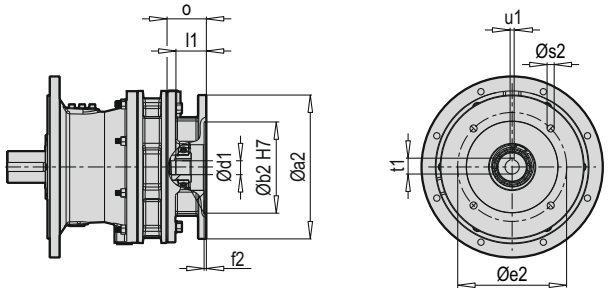
PCD 618 HX



PCD 618 VX



PCD 618 FX



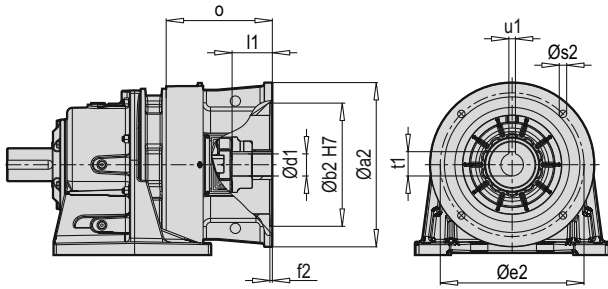
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 618 | 100 | - | - | - | - | - | - | - | - | - | - |
| | 112 | - | - | - | - | - | - | - | - | - | - |
| | 132 | - | - | - | - | - | - | - | - | - | - |
| | 160 | - | - | - | - | - | - | - | - | - | - |
| | 180 | - | - | - | - | - | - | - | - | - | - |
| | 200 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|-----------------|---|---|---|
| PCD 618 X B5 | H | V | F |
| 100 | - | - | - |
| 112 | - | - | - |
| 132 | - | - | - |
| 160 | - | - | - |
| 180 | - | - | - |
| 200 | - | - | - |

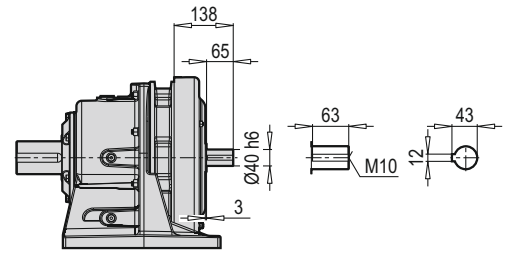
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 618 | 100 | - | - | - | - | - | - | - | - | - | - |
| | 112 | - | - | - | - | - | - | - | - | - | - |
| | 132 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|------------------|---|---|---|
| PCD 618 X B14 | H | V | F |
| 100 | - | - | - |
| 112 | - | - | - |
| 132 | - | - | - |

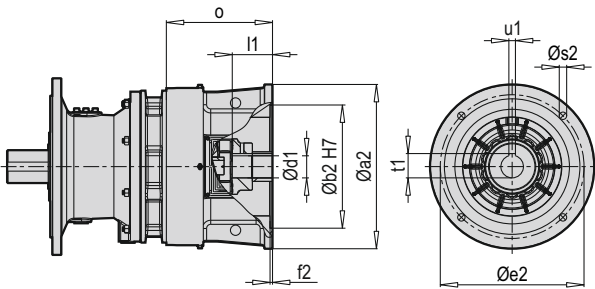
PCD 618 HC



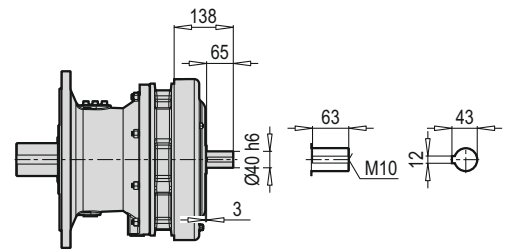
PCD 618 HW



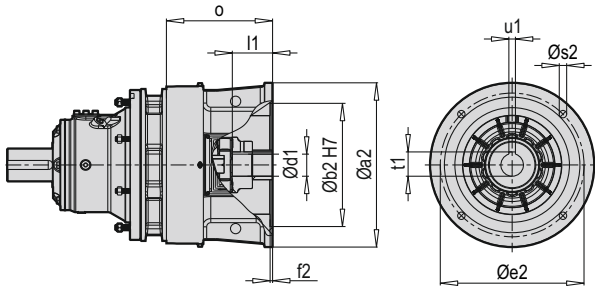
PCD 618 VC



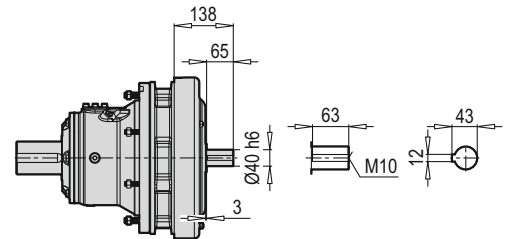
PCD 618 VW



PCD 618 FC



PCD 618 FW

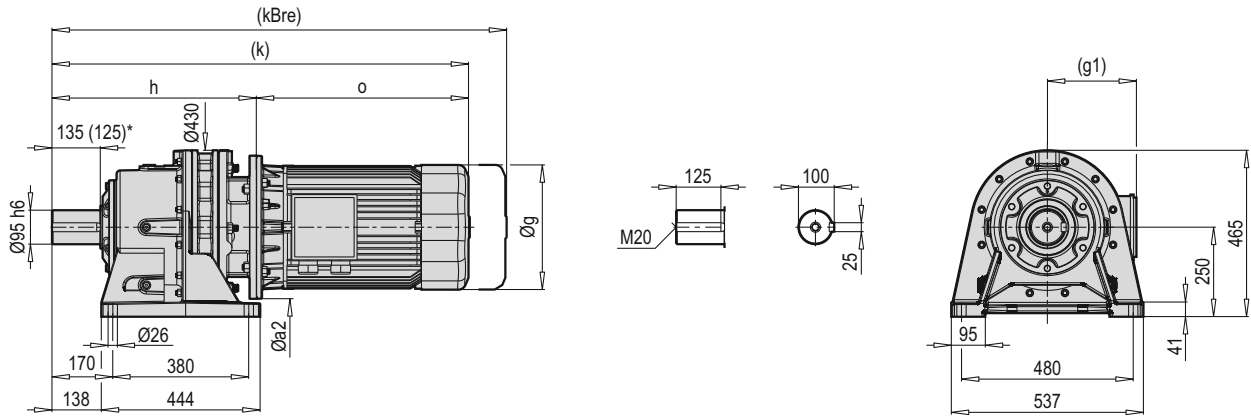


| ~ kg | | | |
|-----------|-----|-----|-----|
| PCD 618 W | H | V | F |
| | 162 | 149 | 129 |

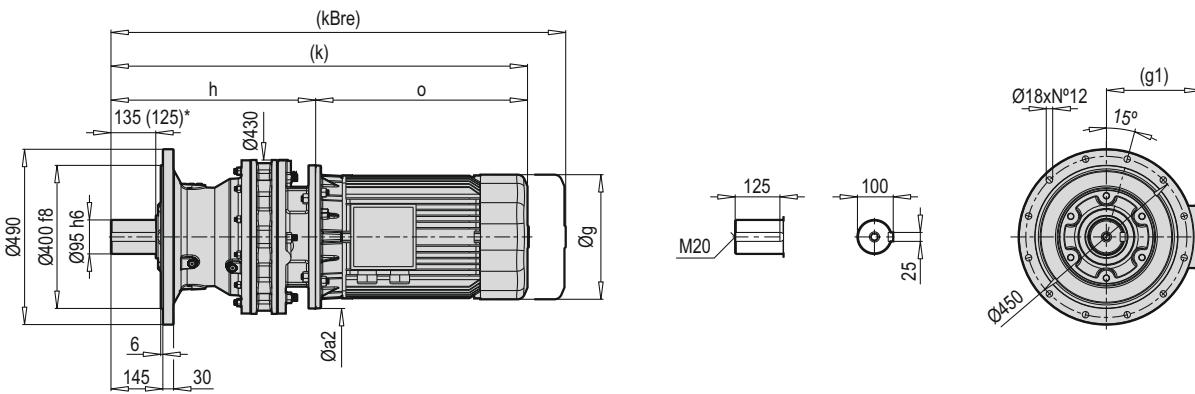
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|-------|------|----|-----|
| PCD 618 | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 78 | 31.3 | 8 | 183 |
| | 112 | 250 | 180 | 215 | 6 | 14 | 28 | 78 | 31.3 | 8 | 183 |
| | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 78 | 41.3 | 10 | 203 |
| | 160 | 350 | 250 | 300 | 6 | 18 | 42 | 101 | 45.3 | 12 | 238 |
| | 180 | 350 | 250 | 300 | 6 | 18 | 48 | 108.5 | 51.8 | 14 | 238 |
| | 200 | 400 | 300 | 350 | 6 | 18 | 55 | 99 | 59.8 | 16 | 238 |

| ~ kg | | | |
|--------------|-----|-----|-----|
| PCD 618 C B5 | H | V | F |
| 100 | 185 | 172 | 152 |
| 112 | 185 | 172 | 152 |
| 132 | 186 | 173 | 153 |
| 160 | 192 | 179 | 159 |
| 180 | 192 | 179 | 159 |
| 200 | 199 | 186 | 166 |

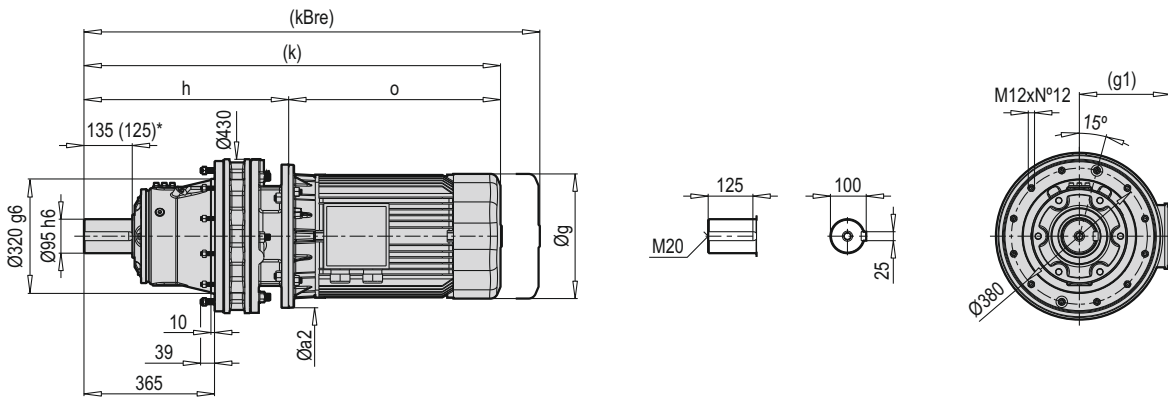
PCD 619 HXM



PCD 619 VXM



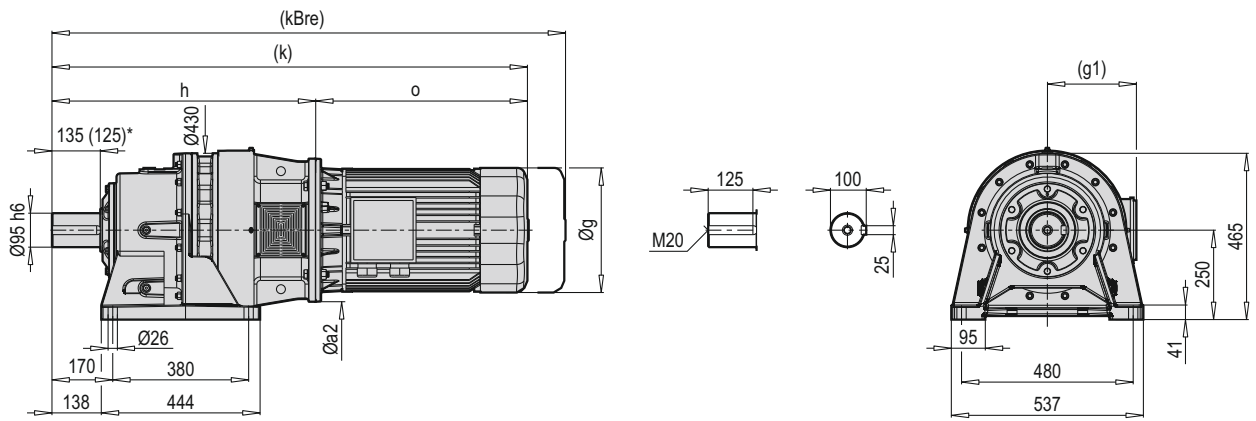
PCD 619 FXM



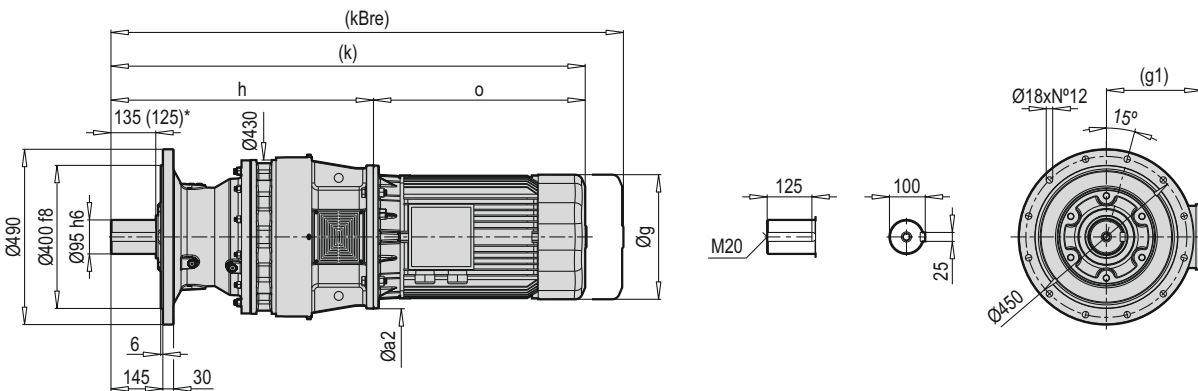
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|---|----|----|-----|----|-----|------|-----|----|-----|
| | B5 | B14 | | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 132 | - | - | - | - | - | - | - | - | - | - | - | - |
| 160 | - | - | - | - | - | - | - | - | - | - | - | - |
| 180 | - | - | - | - | - | - | - | - | - | - | - | - |
| 200 | - | - | - | - | - | - | - | - | - | - | - | - |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donné pour position M4. / (*) Dado para la posición M4.

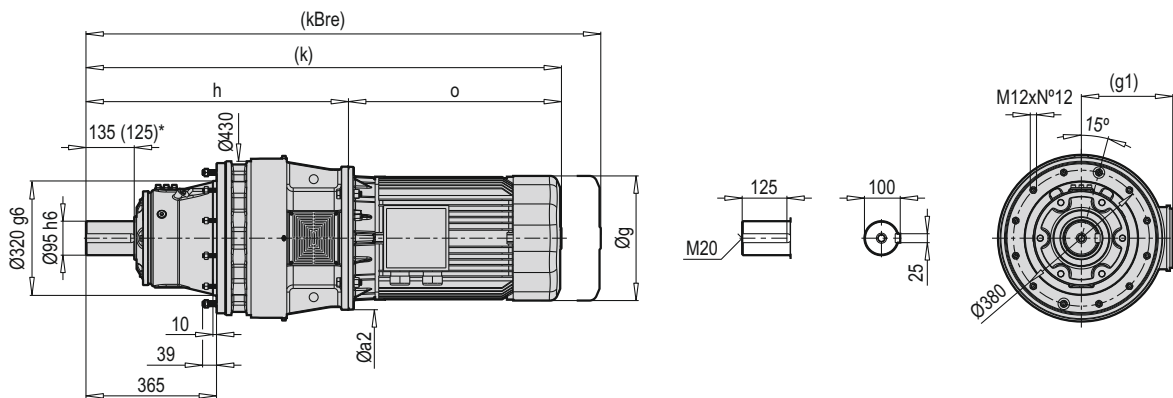
PCD 619 HCM



PCD 619 VCM



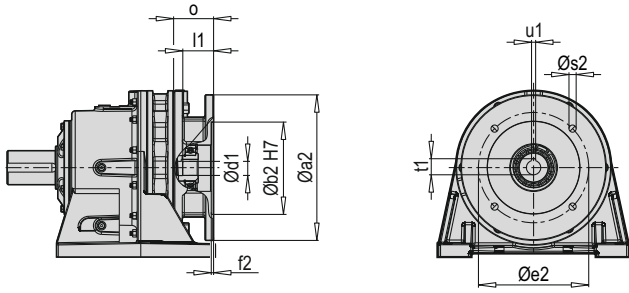
PCD 619 FCM



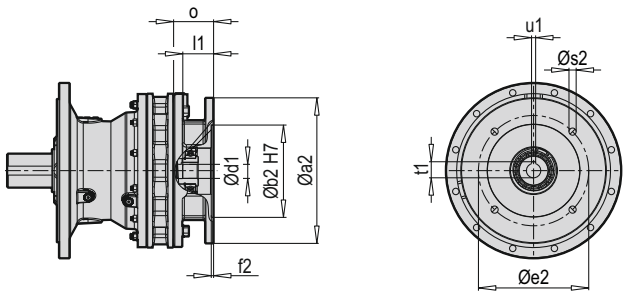
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-----|-------|--------|--------|-------|
| 132 | 300 | 270 | 187 | 706 | 1085 | 1226 | 379 |
| 160 | 350 | 321 | 214 | 736.5 | 1216.5 | 1322.5 | 480 |
| 180 | 350 | 363 | 249 | 736.5 | 1322.5 | 1441 | 586 |
| 200 | 400 | 363 | 249 | 737.5 | 1333 | 1451.5 | 595.5 |
| 225 | 450 | 456 | 279 | 771 | 1396 | 1532 | 625 |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

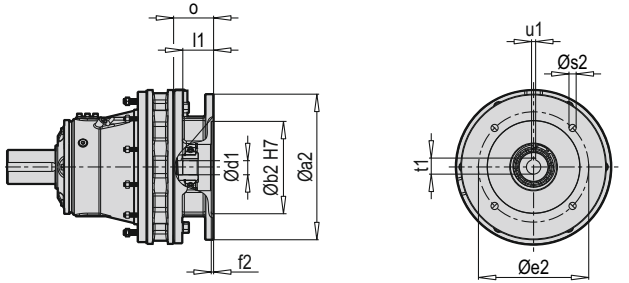
PCD 619 HX



PCD 619 VX



PCD 619 FX



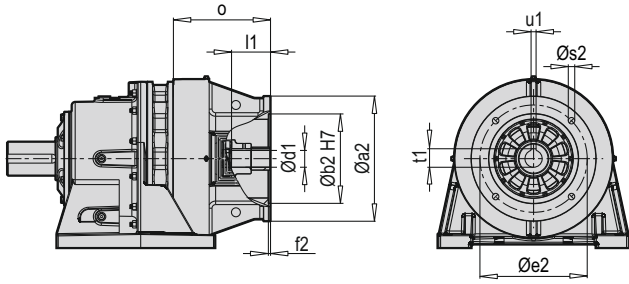
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 619 | 132 | - | - | - | - | - | - | - | - | - | - |
| | 160 | - | - | - | - | - | - | - | - | - | - |
| | 180 | - | - | - | - | - | - | - | - | - | - |
| | 200 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|-----------------|---|---|---|
| PCD 619 X B5 | H | V | F |
| 132 | - | - | - |
| 160 | - | - | - |
| 180 | - | - | - |
| 200 | - | - | - |

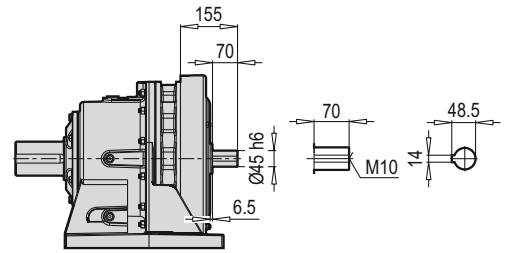
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 619 | 132 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|------------------|---|---|---|
| PCD 619 X B14 | H | V | F |
| 132 | - | - | - |

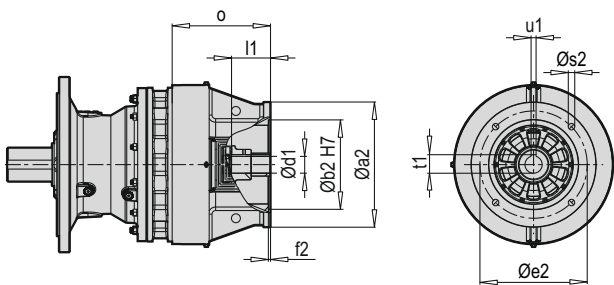
PCD 619 HC



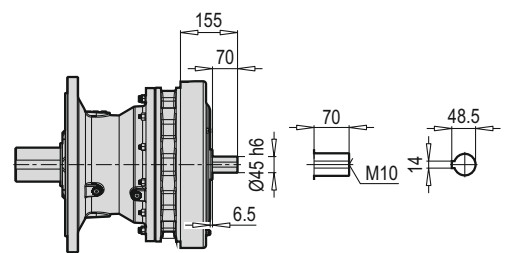
PCD 619 HW



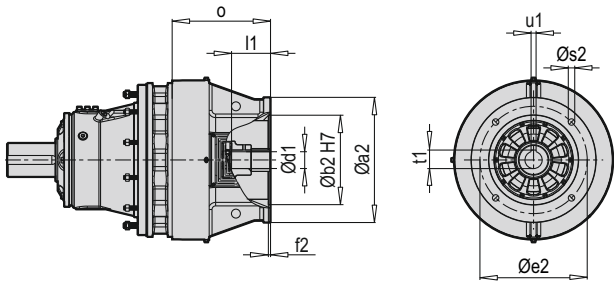
PCD 619 VC



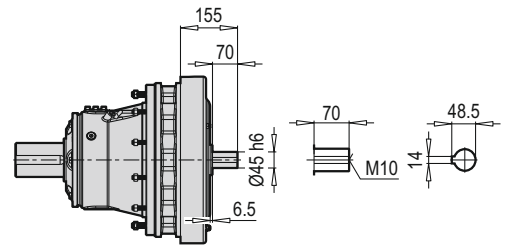
PCD 619 VW



PCD 619 FC



PCD 619 FW

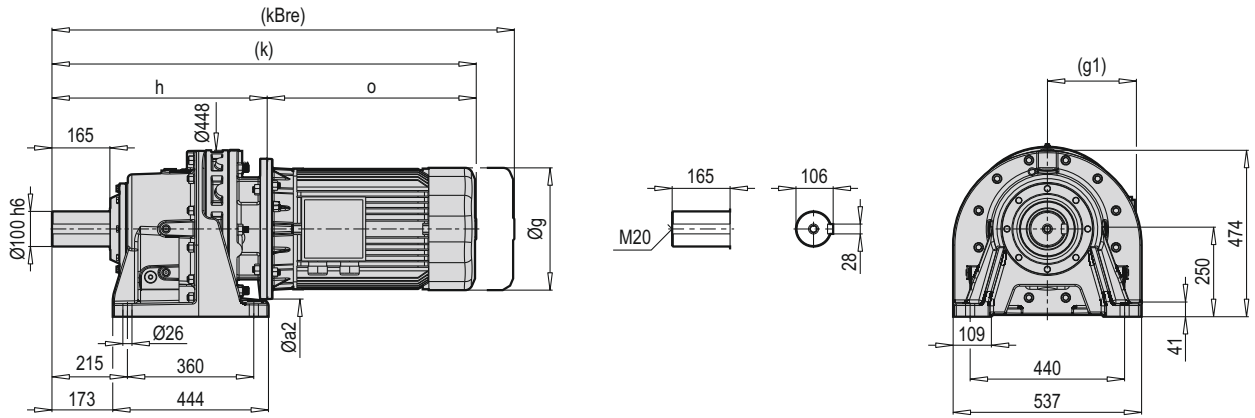


| ~ Kg | | | |
|-----------|-----|-----|-----|
| PCD 619 W | H | V | F |
| | 240 | 225 | 195 |

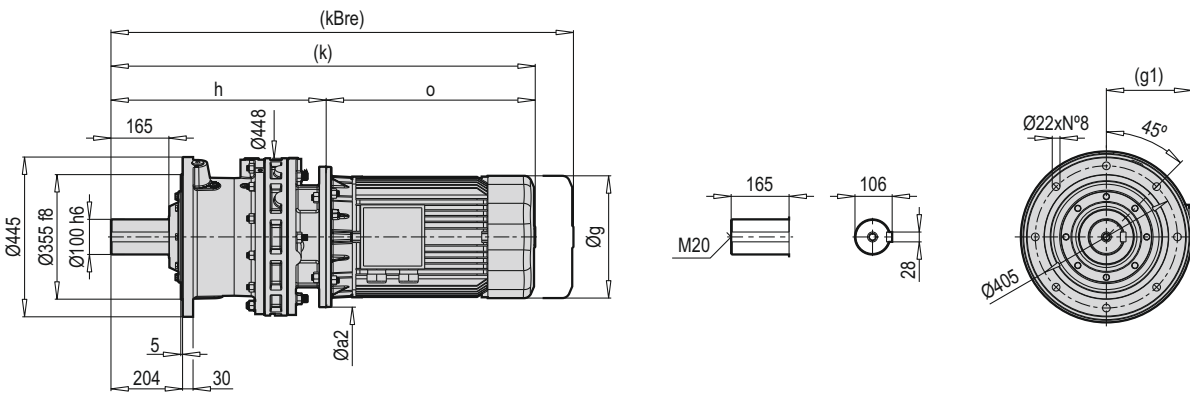
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|-------|------|----|-------|
| PCD 619 | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 81 | 41.3 | 10 | 220 |
| | 160 | 350 | 250 | 300 | 6 | 18 | 42 | 110 | 45.3 | 12 | 250.5 |
| | 180 | 350 | 250 | 300 | 6 | 18 | 48 | 109.5 | 51.8 | 14 | 250.5 |
| | 200 | 400 | 300 | 350 | 6 | 18 | 55 | 102.5 | 59.3 | 16 | 251.5 |
| | 225 | 450 | 350 | 400 | 7 | 18 | 60 | 135.5 | 64.4 | 18 | 285 |

| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 619 C B5 | H | V | F |
| 132 | 276 | 261 | 231 |
| 160 | 281 | 266 | 236 |
| 180 | 281 | 266 | 236 |
| 200 | 285 | 270 | 240 |
| 225 | 288 | 273 | 243 |

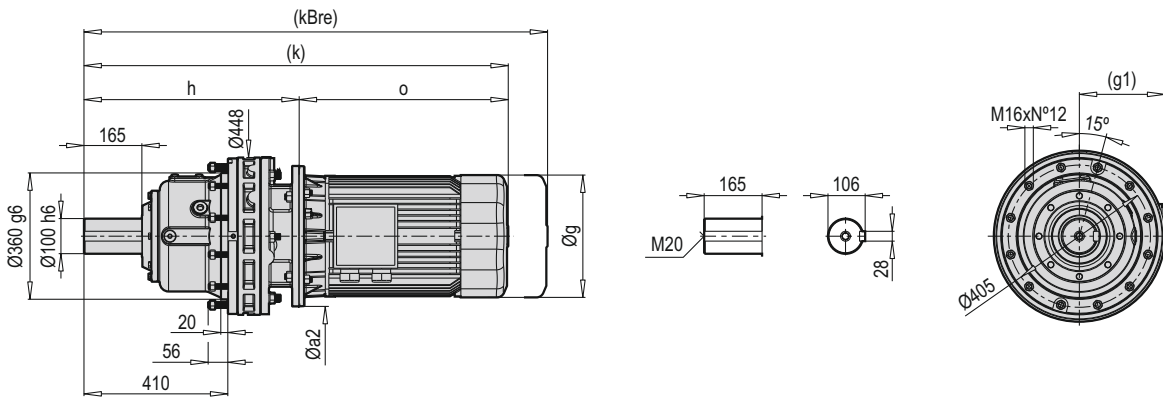
PCD 620 HXM



PCD 620 VXM

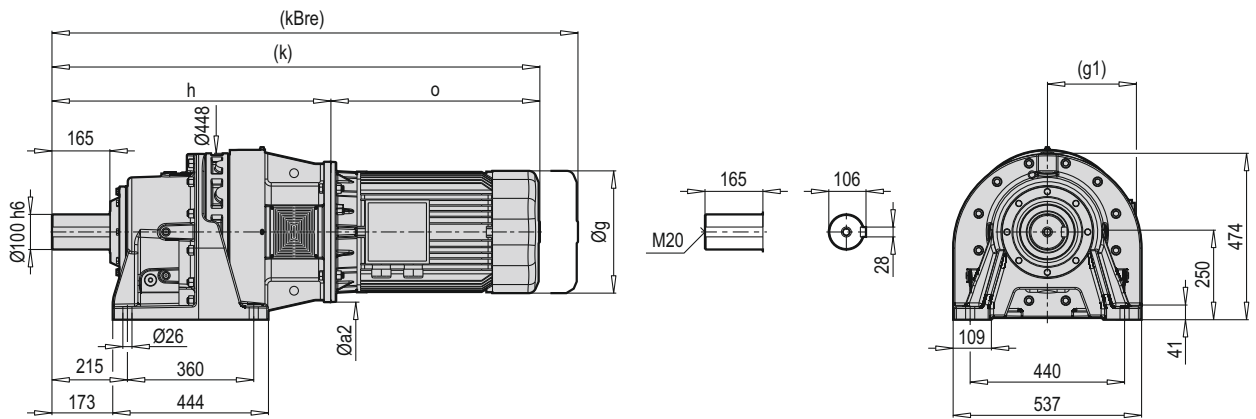


PCD 620 FXM

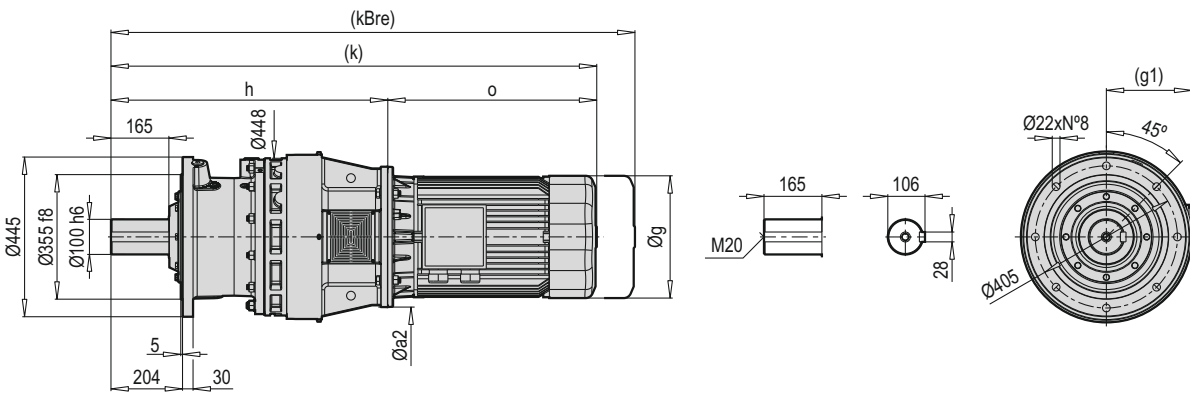


| HXM VXM FXM | $\varnothing a2$ B5 | g | g1 | h B5 | k B5 | kBre B5 | o B5 |
|-------------------|------------------------|---|----|---------|---------|------------|---------|
| 160 | - | - | - | - | - | - | - |
| 180 | - | - | - | - | - | - | - |
| 200 | - | - | - | - | - | - | - |

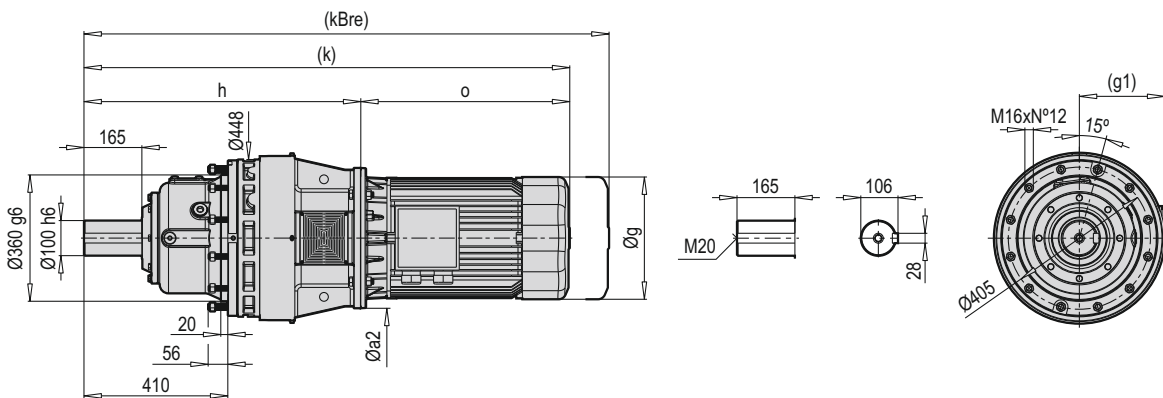
PCD 620 HCM



PCD 620 VCM

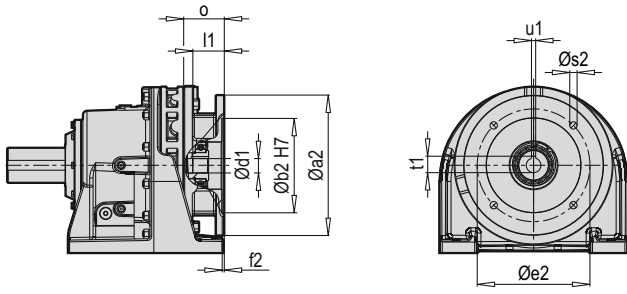


PCD 620 FCM

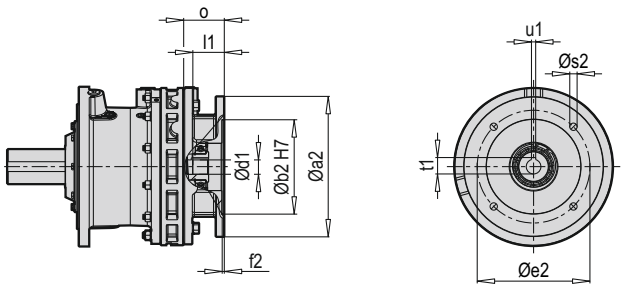


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-----|-----|--------|--------|-------|
| 160 | 350 | 321 | 214 | 495 | 975 | 1081 | 480 |
| 180 | 350 | 363 | 249 | 495 | 1081 | 1199.5 | 586 |
| 200 | 400 | 363 | 249 | 495 | 1090.5 | 1209 | 595.5 |
| 225 | 450 | 456 | 279 | 825 | 1450 | 1586 | 625 |

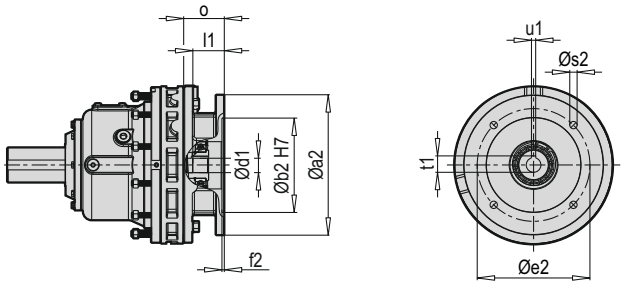
PCD 620 HX



PCD 620 VX



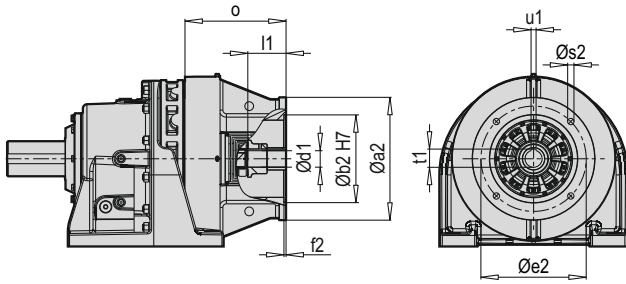
PCD 620 FX



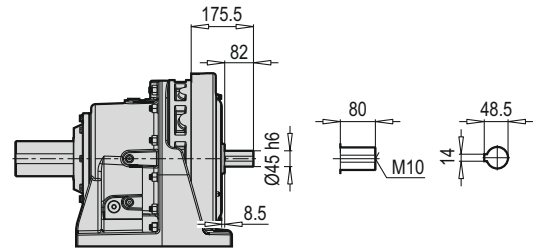
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 620 | 160 | - | - | - | - | - | - | - | - | - | - |
| | 180 | - | - | - | - | - | - | - | - | - | - |
| | 200 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|-----------------|---|---|---|
| PCD 620 X B5 | H | V | F |
| 160 | - | - | - |
| 180 | - | - | - |
| 200 | - | - | - |

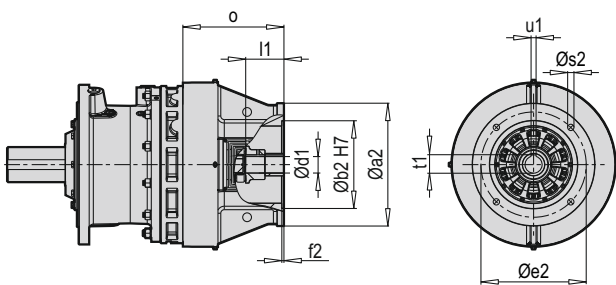
PCD 620 HC



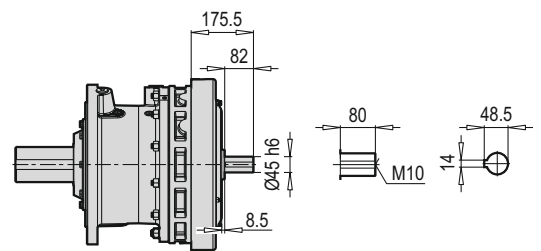
PCD 620 HW



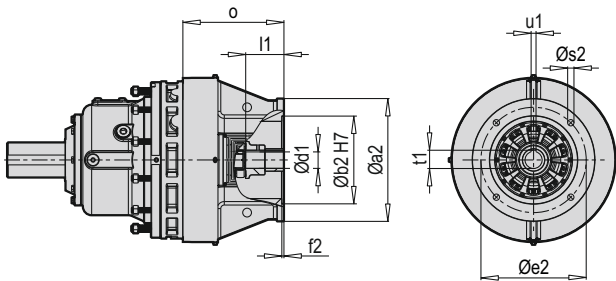
PCD 620 VC



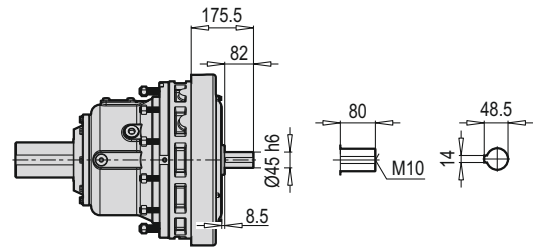
PCD 620 VW



PCD 620 FC



PCD 620 FW

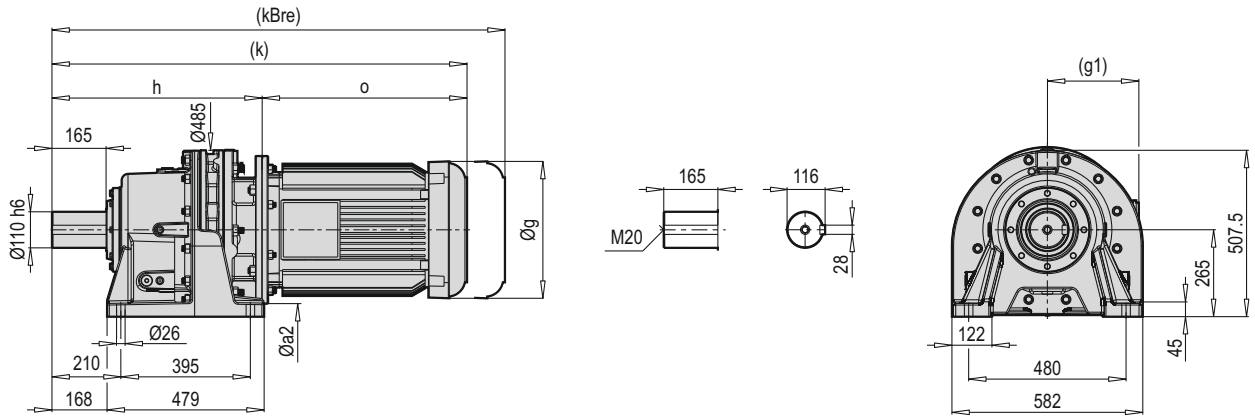


| ~ Kg | | | |
|-----------|-----|-----|-----|
| PCD 620 W | H | V | F |
| 620 | 256 | 244 | 229 |

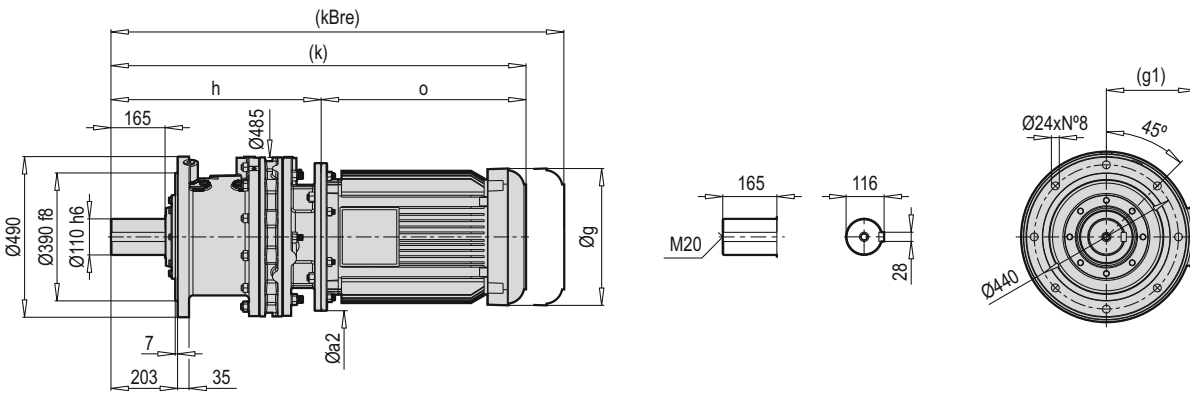
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|-------|------|----|-----|
| PCD 620 | 160 | 350 | 250 | 300 | 6 | 18 | 42 | 109 | 45.3 | 12 | 271 |
| | 180 | 350 | 250 | 300 | 6 | 18 | 48 | 109.5 | 51.8 | 14 | 271 |
| | 200 | 400 | 300 | 350 | 6 | 18 | 55 | 102.5 | 59.3 | 16 | 271 |
| | 225 | 450 | 350 | 400 | 6 | 18 | 60 | 135.5 | 64.4 | 18 | 301 |

| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 620 C B5 | H | V | F |
| 160 | 300 | 288 | 273 |
| 180 | 300 | 288 | 273 |
| 200 | 304 | 292 | 277 |
| 225 | 307 | 295 | 280 |

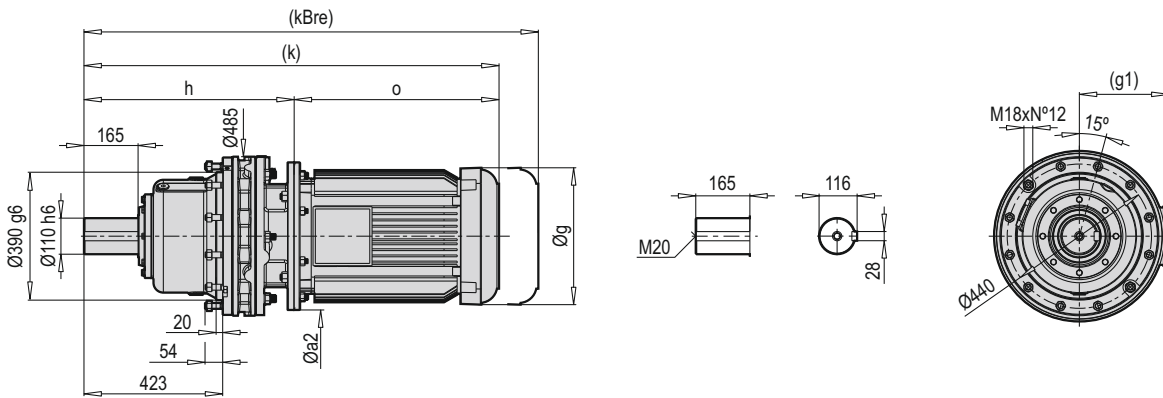
PCD 621 HXM



PCD 621 VXM

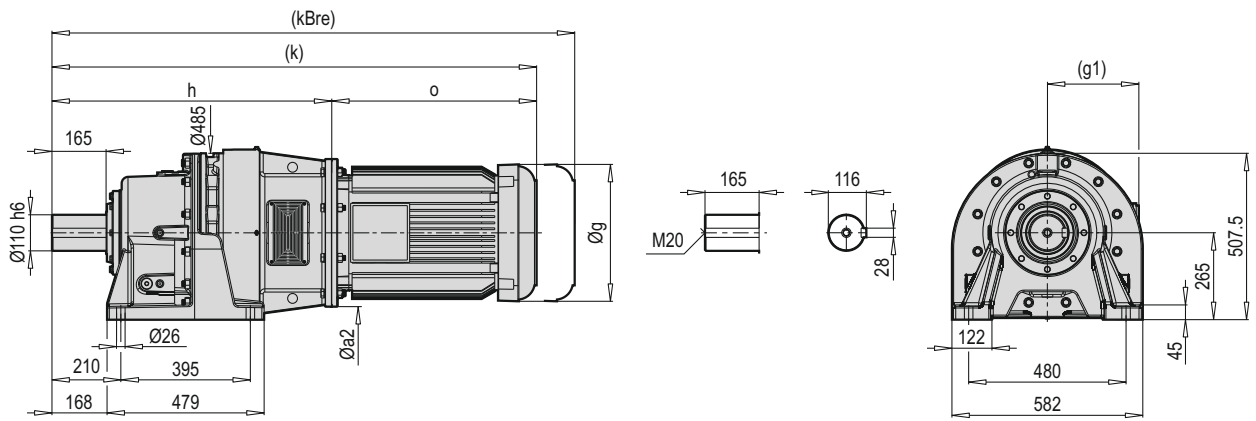


PCD 621 FXM

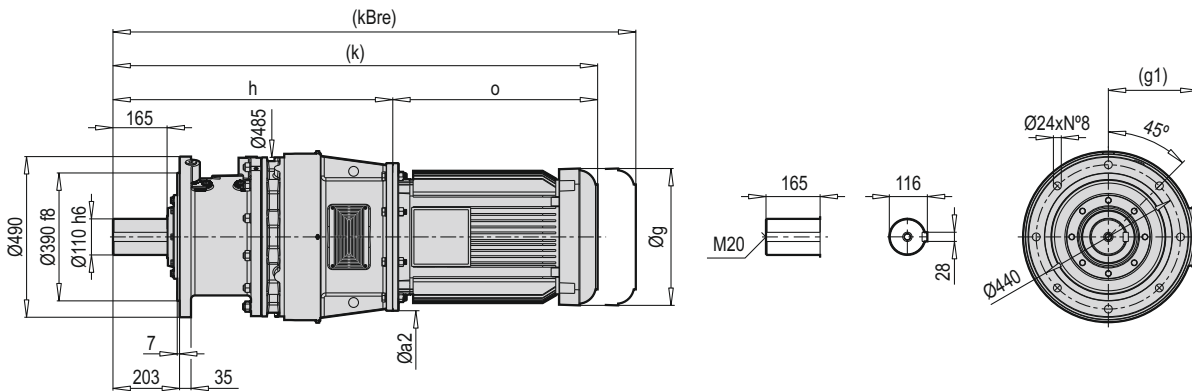


| HXM VXM FXM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|---|----|----|----|------|----|
| | B5 | | | B5 | B5 | B5 | B5 |
| 160 | - | - | - | - | - | - | - |
| 180 | - | - | - | - | - | - | - |
| 200 | - | - | - | - | - | - | - |

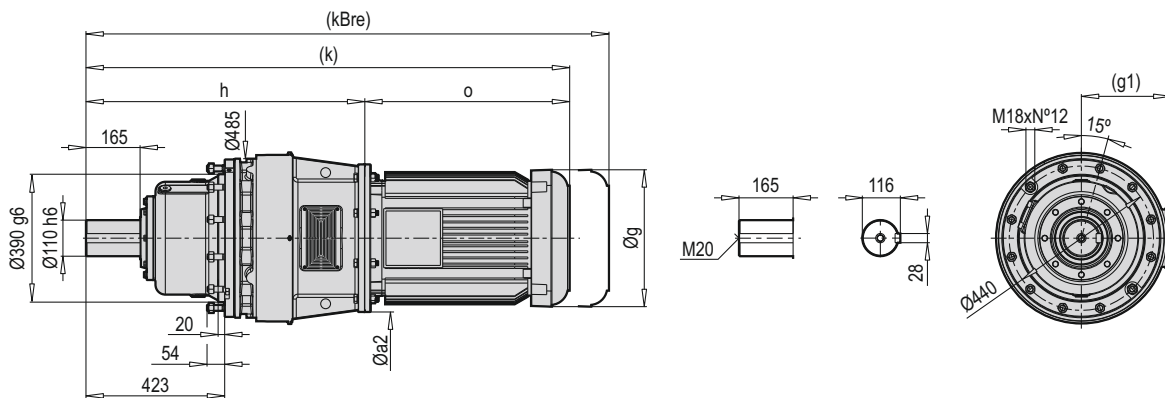
PCD 621 HCM



PCD 621 VCM

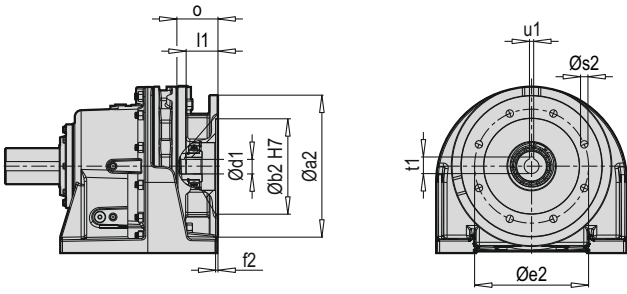


PCD 621 FCM

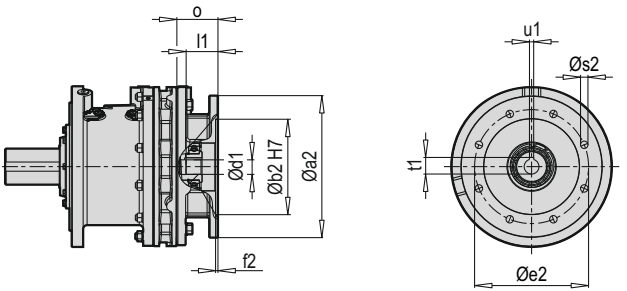


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-----|-----|--------|--------|-------|
| 160 | 350 | 321 | 214 | 822 | 1302 | 1408 | 480 |
| 180 | 350 | 363 | 249 | 822 | 1408 | 1526.5 | 586 |
| 200 | 400 | 363 | 249 | 823 | 1418.5 | 1537 | 595.5 |
| 225 | 450 | 456 | 279 | 853 | 1478 | 1614 | 625 |
| 250 | 550 | 489 | 327 | 853 | 1666 | 1849 | 813 |
| 280 | 550 | 489 | 372 | 853 | 1741.5 | - | 888.5 |

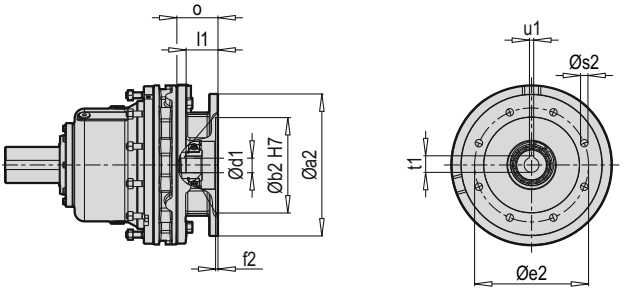
PCD 621 HX



PCD 621 VX



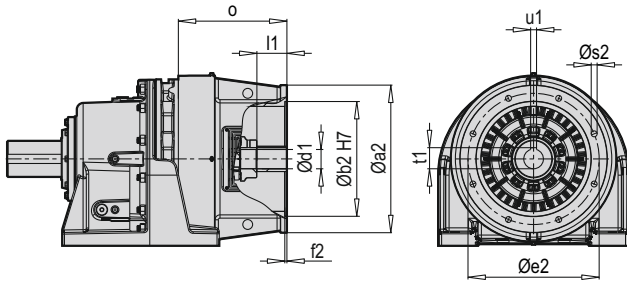
PCD 621 FX



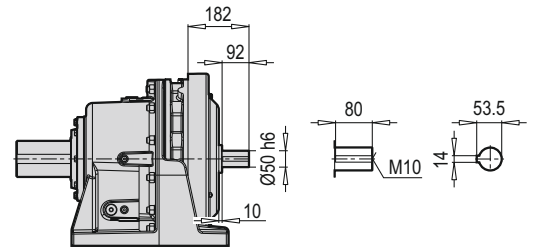
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 621 | 160 | - | - | - | - | - | - | - | - | - | - |
| | 180 | - | - | - | - | - | - | - | - | - | - |
| | 200 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|-----------------|---|---|---|
| PCD 621 X B5 | H | V | F |
| 160 | - | - | - |
| 180 | - | - | - |
| 200 | - | - | - |

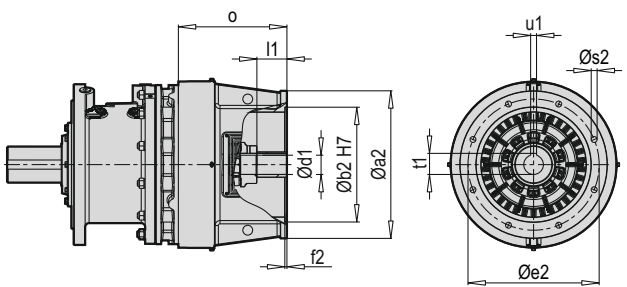
PCD 621 HC



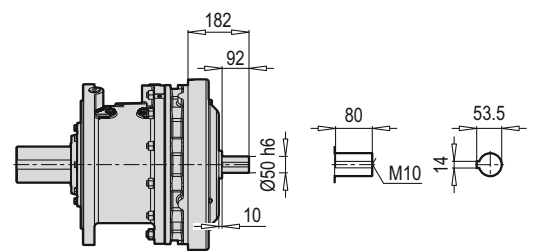
PCD 621 HW



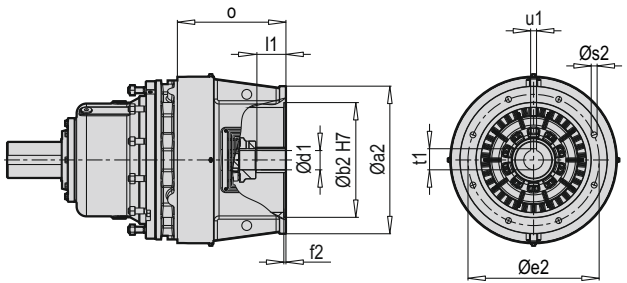
PCD 621 VC



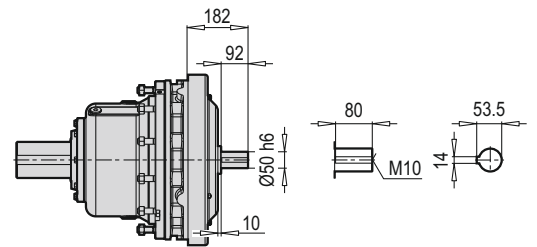
PCD 621 VW



PCD 621 FC



PCD 621 FW

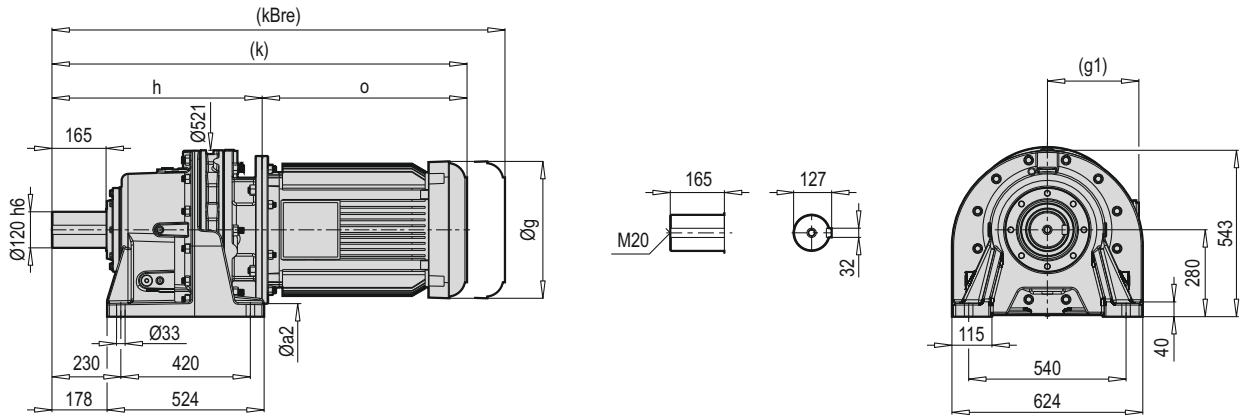


| ~ Kg | | | |
|-----------|-----|-----|-----|
| PCD 621 W | H | V | F |
| | 336 | 314 | 295 |

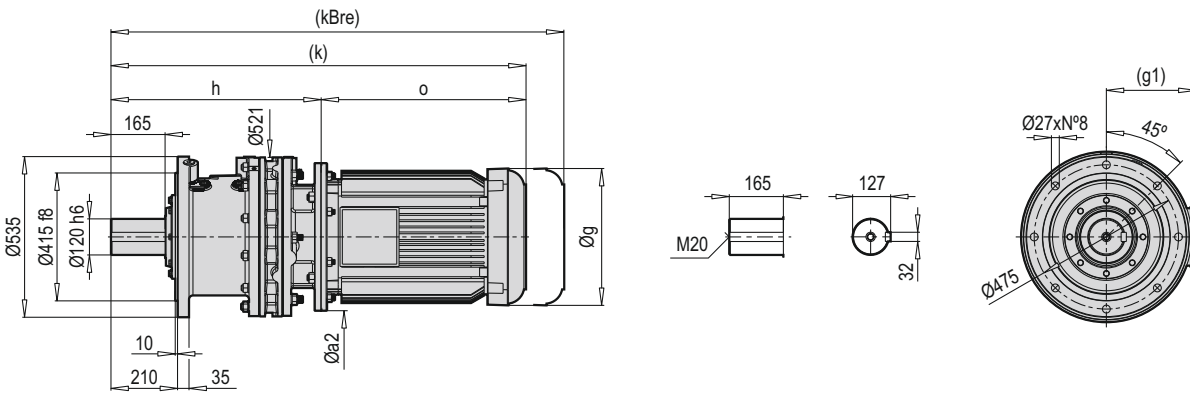
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|-------|------|----|-----|
| PCD 621 | 160 | 350 | 250 | 300 | 6 | 18 | 42 | 85 | 45.3 | 12 | 273 |
| | 180 | 350 | 250 | 300 | 6 | 18 | 48 | 110.5 | 51.8 | 14 | 273 |
| | 200 | 400 | 300 | 350 | 6 | 18 | 55 | 111 | 59.3 | 16 | 274 |
| | 225 | 450 | 350 | 400 | 6 | 18 | 60 | 141.5 | 64.4 | 18 | 304 |
| | 250 | 550 | 450 | 500 | 6 | 18 | 65 | 116 | 69.4 | 18 | 304 |
| | 280 | 550 | 450 | 500 | 6 | 18 | 75 | 116 | 79.9 | 20 | 304 |

| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 621 C B5 | H | V | F |
| 160 | 391 | 369 | 350 |
| 180 | 391 | 369 | 350 |
| 200 | 395 | 373 | 354 |
| 225 | 396 | 374 | 355 |
| 250 | 403 | 381 | 362 |
| 280 | 403 | 381 | 362 |

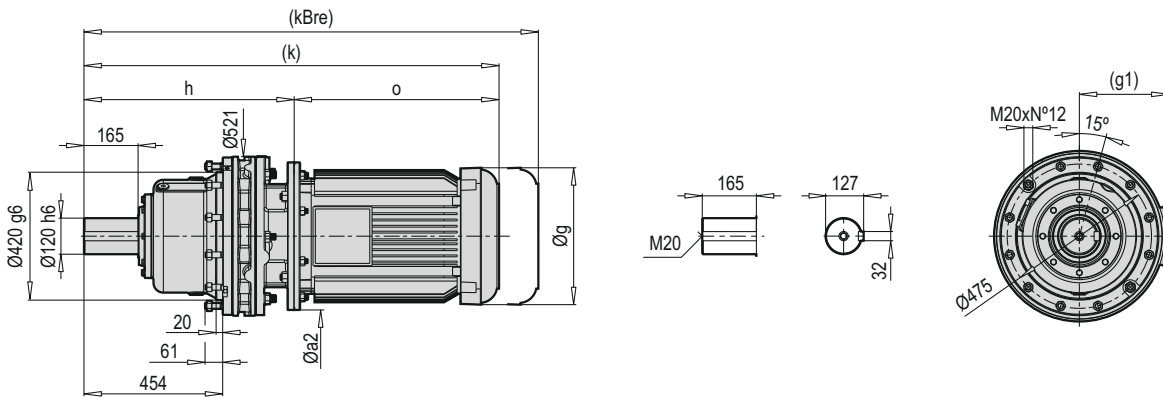
PCD 622 HXM



PCD 622 VXM

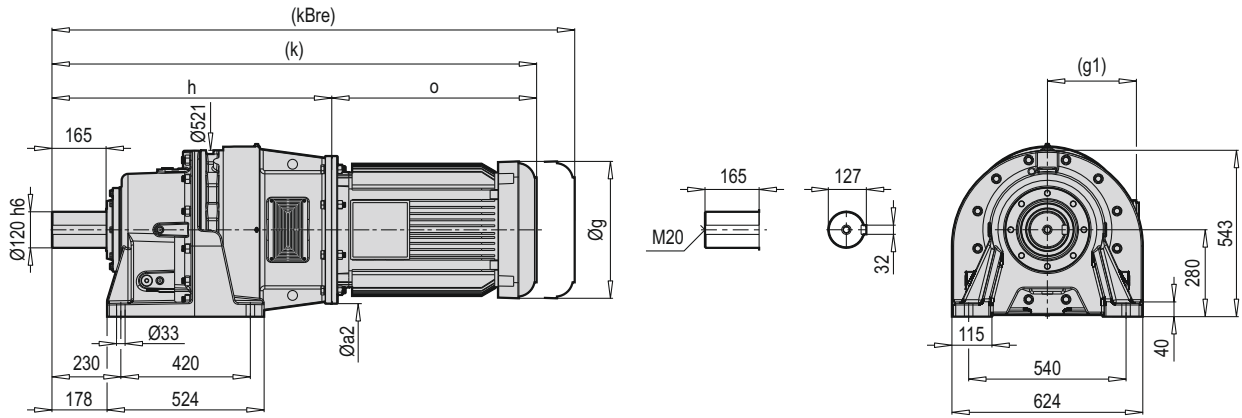


PCD 622 FXM

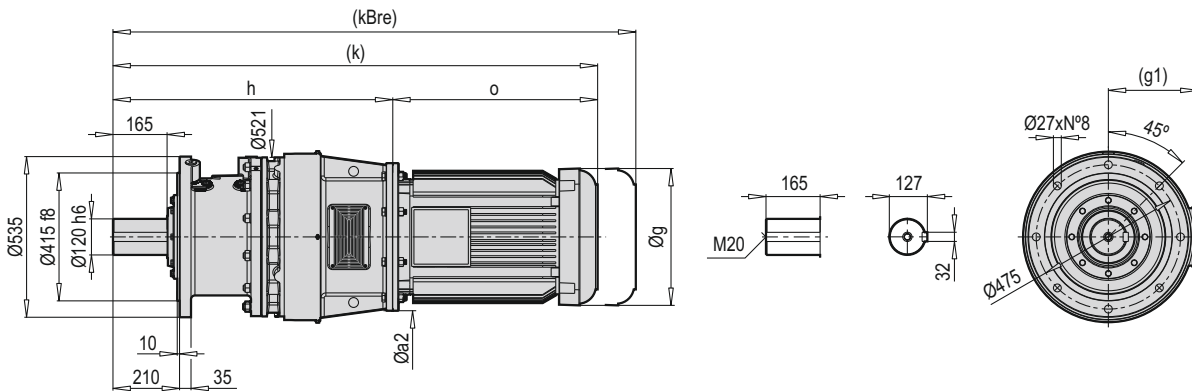


| HXM VXM FXM | Øa2 | | g | g1 | h | | k | | kBre | | o | |
|-------------------|-----|-----|---|----|----|-----|----|-----|------|-----|----|-----|
| | B5 | B14 | | | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 180 | - | - | - | - | - | - | - | - | - | - | - | - |
| 200 | - | - | - | - | - | - | - | - | - | - | - | - |

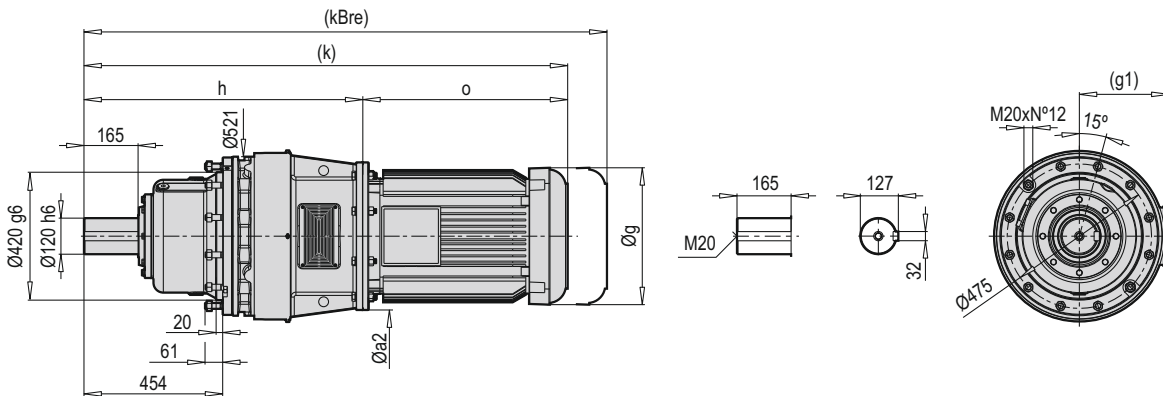
PCD 622 HCM



PCD 622 VCM

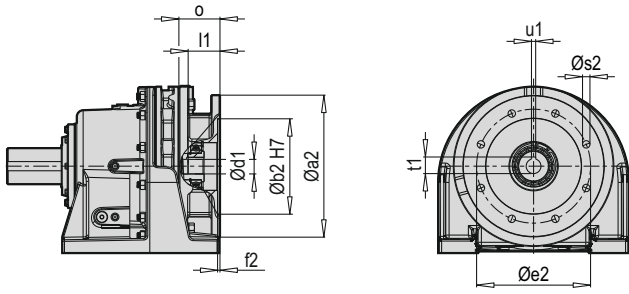


PCD 622 FCM

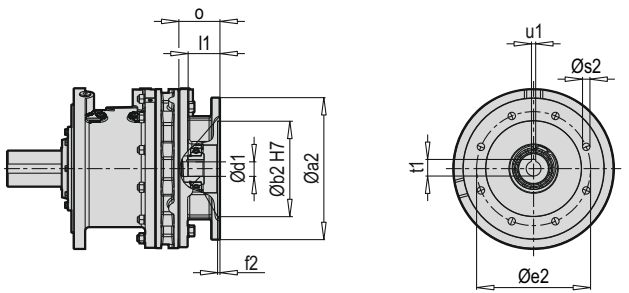


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-----|-----|--------|--------|-------|
| 180 | 400 | 363 | 249 | 866 | 1452 | 1570.5 | 586 |
| 200 | 450 | 363 | 249 | 896 | 1491.2 | 1610 | 595.5 |
| 225 | 550 | 456 | 279 | 897 | 1522 | 1657 | 625 |
| 250 | 550 | 489 | 327 | 896 | 1709 | 1889 | 813 |
| 280 | 550 | 489 | 372 | 896 | 1784.5 | - | 888.5 |

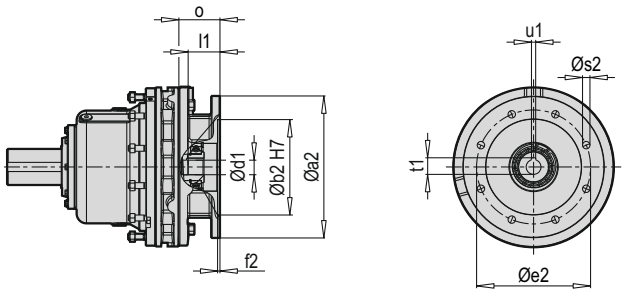
PCD 622 HX



PCD 622 VX



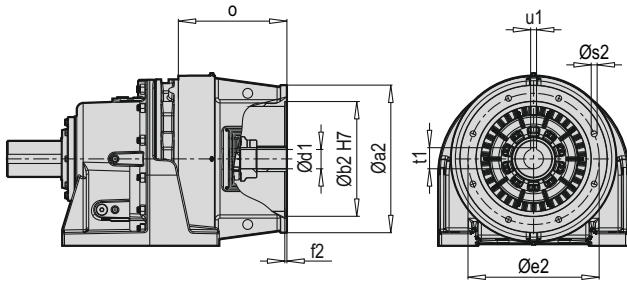
PCD 622 FX



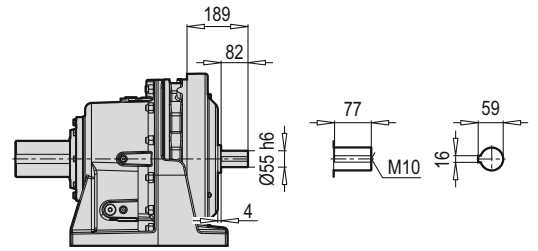
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 622 | 180 | - | - | - | - | - | - | - | - | - | - |
| | 200 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|-----------------|---|---|---|
| PCD 622 X B5 | H | V | F |
| 180 | - | - | - |
| 200 | - | - | - |

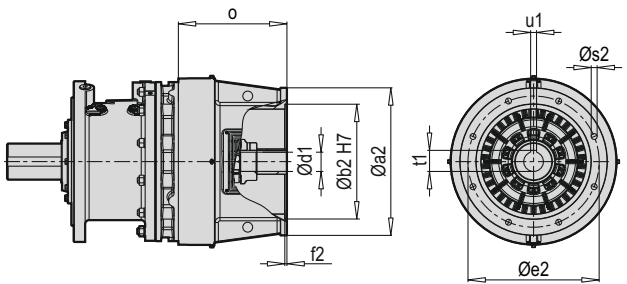
PCD 622 HC



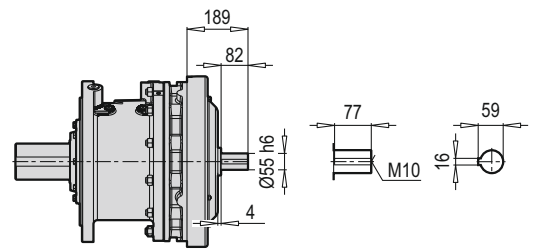
PCD 622 HW



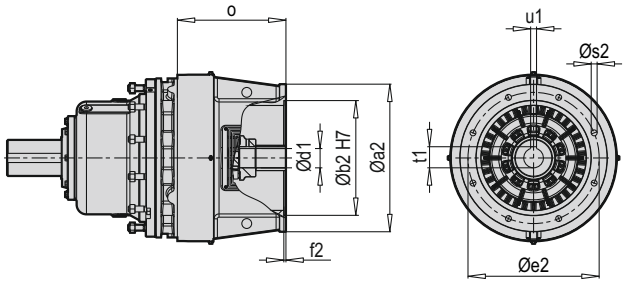
PCD 622 VC



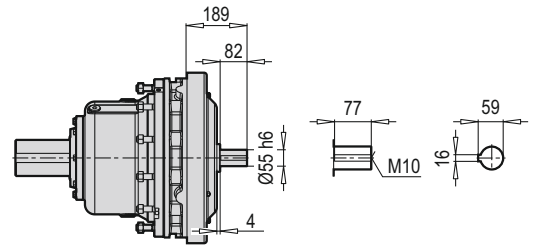
PCD 622 VW



PCD 622 FC



PCD 622 FW

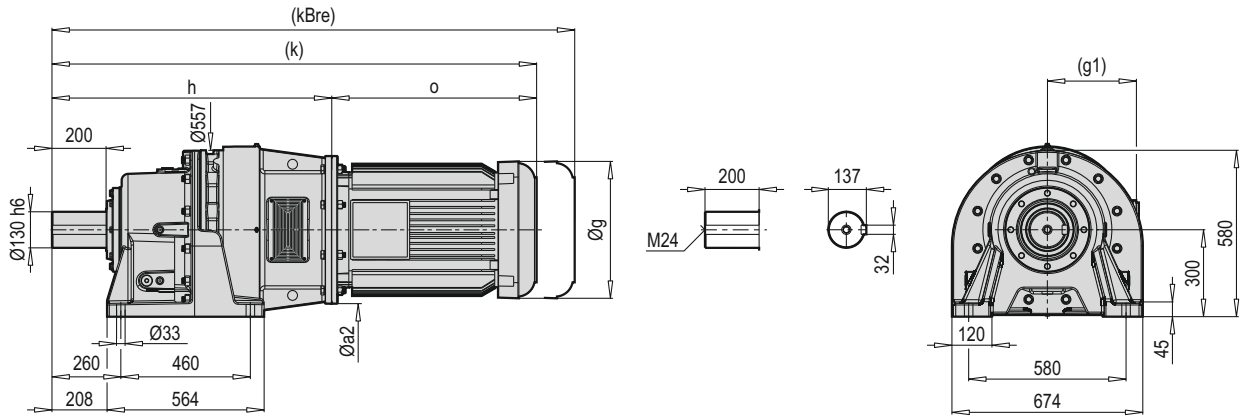


| ~ Kg | | | |
|-----------|-----|-----|-----|
| PCD 622 W | H | V | F |
| | 412 | 399 | 399 |

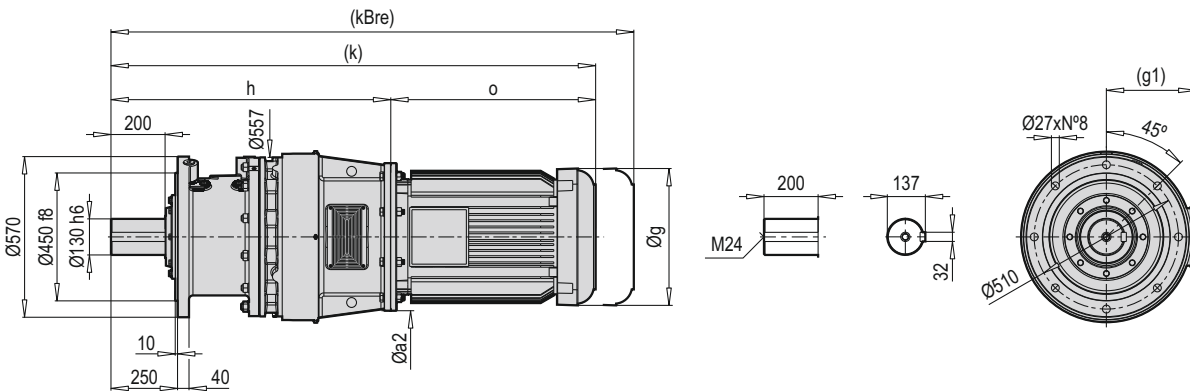
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|------|----|-----|
| PCD 622 | 180 | 400 | 300 | 350 | 7 | 19 | 48 | 51.8 | 14 | 300 |
| | 200 | 450 | 350 | 400 | 7 | 19 | 55 | 59.3 | 14 | 300 |
| | 225 | 550 | 450 | 500 | 7 | 19 | 60 | 64.4 | 18 | 330 |
| | 250 | 550 | 450 | 500 | 7 | 19 | 65 | 69.4 | 18 | 330 |
| | 280 | 550 | 450 | 500 | 7 | 19 | 75 | 79.9 | - | 330 |

| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 622 C B5 | H | V | F |
| 180 | 472 | 459 | 459 |
| 200 | 477 | 464 | 464 |
| 225 | 482 | 469 | 469 |
| 250 | 497 | 484 | 484 |
| 280 | 497 | 484 | 484 |

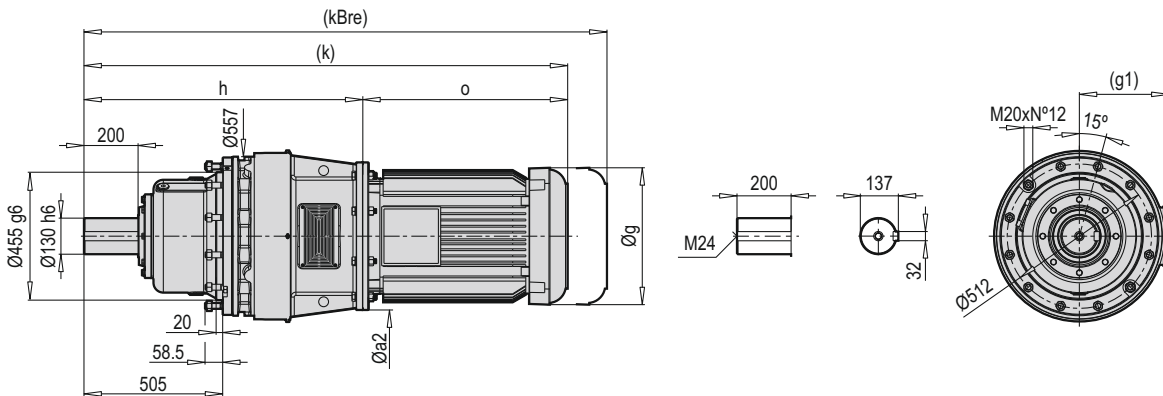
PCD 623 HCM



PCD 623 VCM

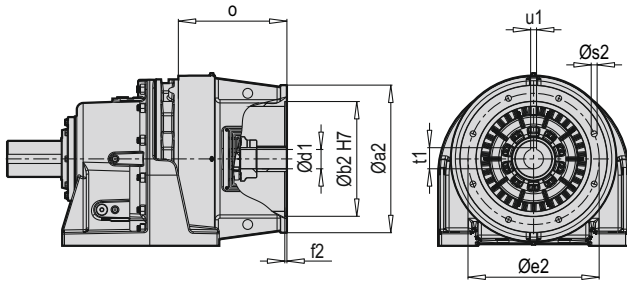


PCD 623 FCM

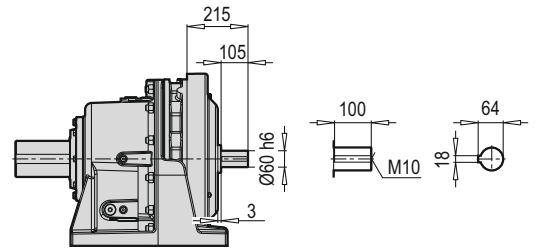


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-----|-----|--------|--------|-------|
| 180 | 400 | 363 | 249 | 953 | 1539 | 1657.5 | 586 |
| 200 | 450 | 363 | 249 | 984 | 1579.5 | 1698 | 595.5 |
| 225 | 550 | 456 | 279 | 984 | 1609 | 1745 | 625 |

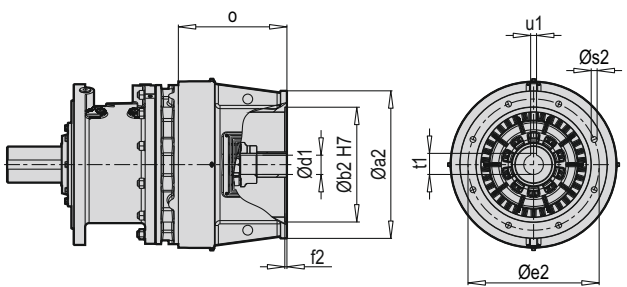
PCD 623 HC



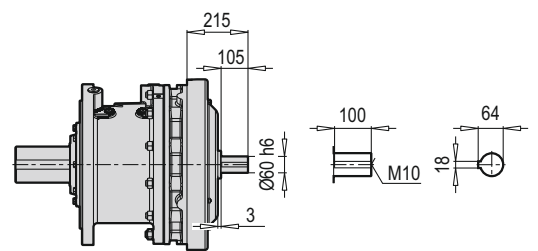
PCD 623 HW



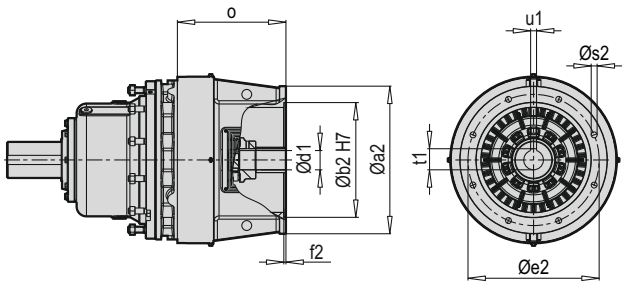
PCD 623 VC



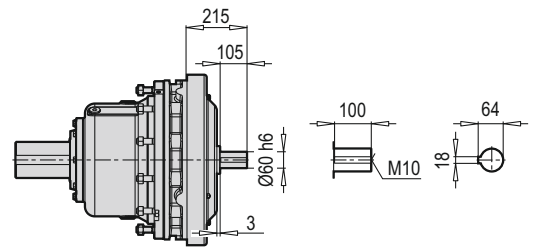
PCD 623 VW



PCD 623 FC



PCD 623 FW

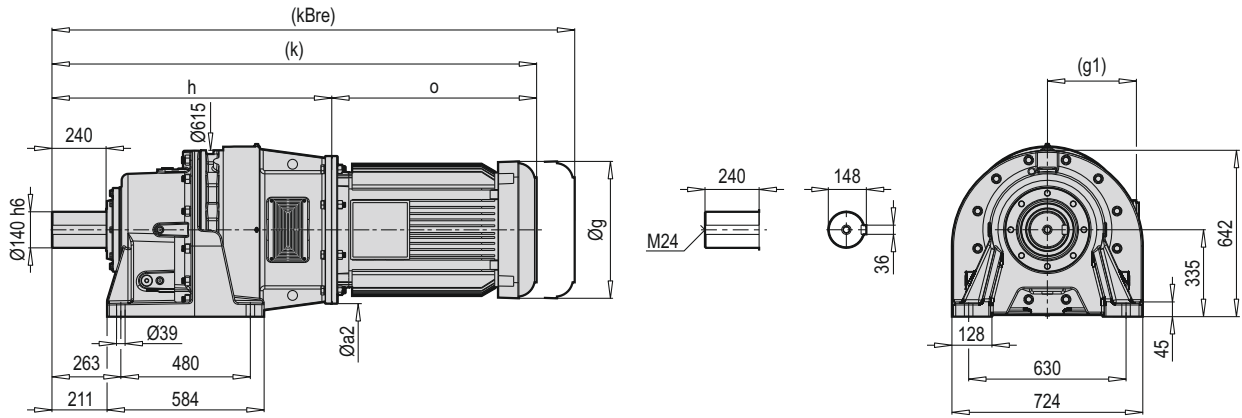


| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|------|----|-----|
| PCD 623 | 180 | 400 | 300 | 350 | 7 | 19 | 48 | 51.8 | 14 | - |
| | 200 | 450 | 350 | 400 | 7 | 19 | 55 | 59.3 | 14 | 325 |
| | 225 | 550 | 450 | 500 | 7 | 19 | 60 | 64.4 | 18 | 355 |

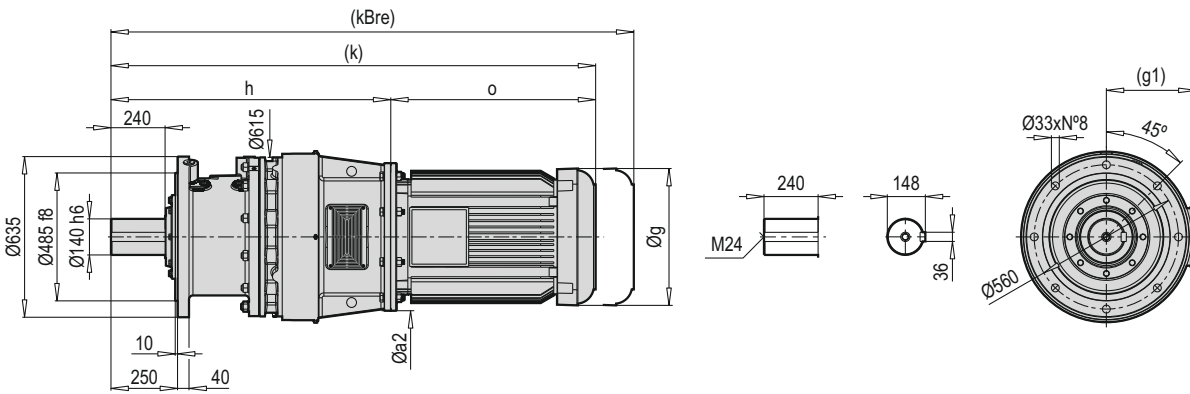
| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 623 W | H | V | F |
| | 503 | 474 | 430 |

| ~ Kg | | | |
|-----------------|-----|-----|-----|
| PCD 623 C B5 | H | V | F |
| 180 | - | - | - |
| 200 | 578 | 549 | 505 |
| 225 | 588 | 559 | 515 |

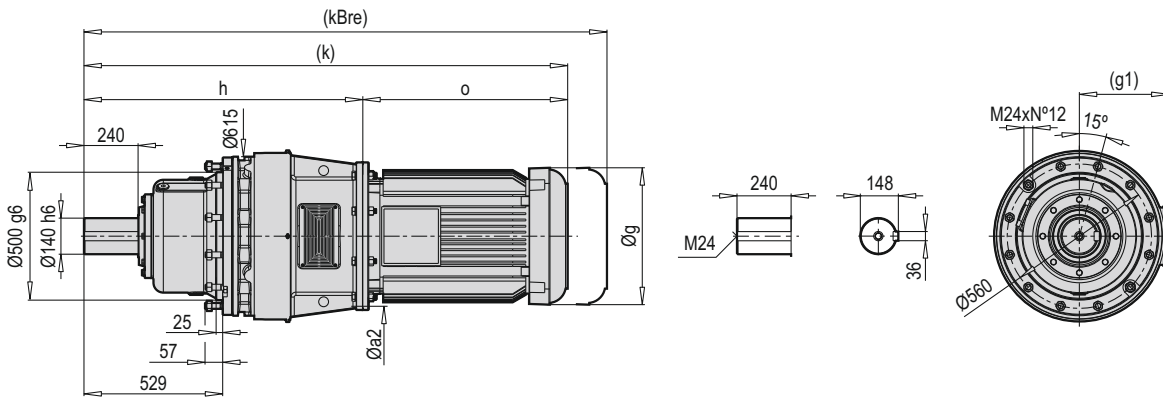
PCD 624 HCM



PCD 624 VCM

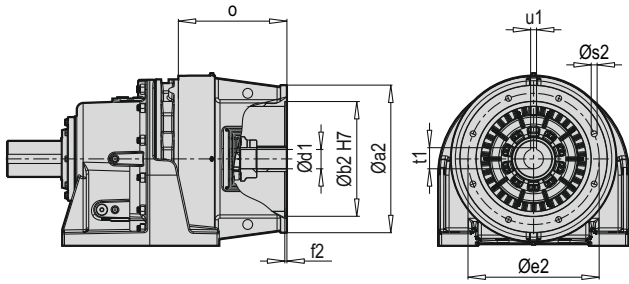


PCD 624 FCM

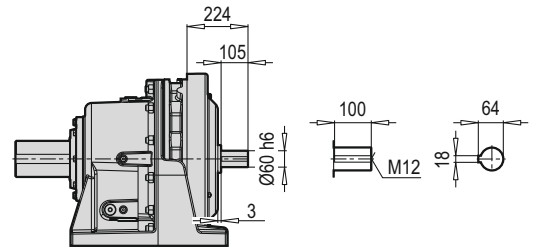


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-----|------|--------|------|-------|
| 180 | 400 | 363 | 249 | - | - | - | 586 |
| 200 | 450 | 363 | 249 | 991 | 1586.5 | 1705 | 595.5 |
| 225 | 550 | 456 | 279 | 1022 | 1647 | 1783 | 625 |

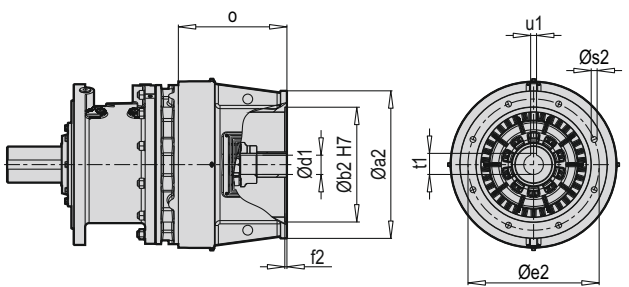
PCD 624 HC



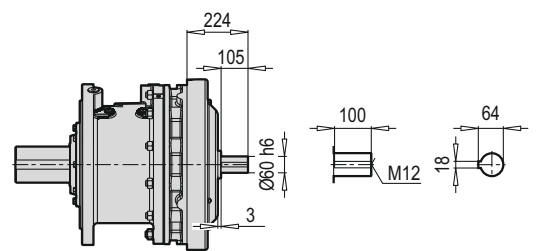
PCD 624 HW



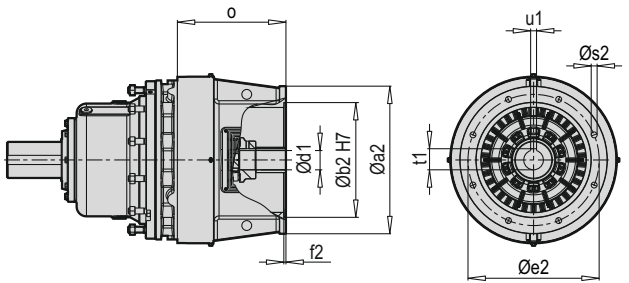
PCD 624 VC



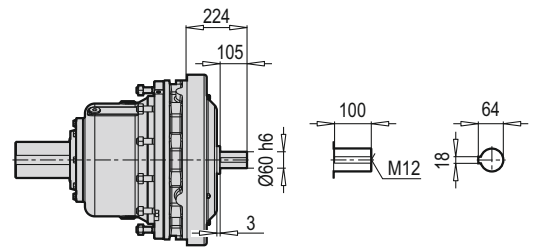
PCD 624 VW



PCD 624 FC



PCD 624 FW

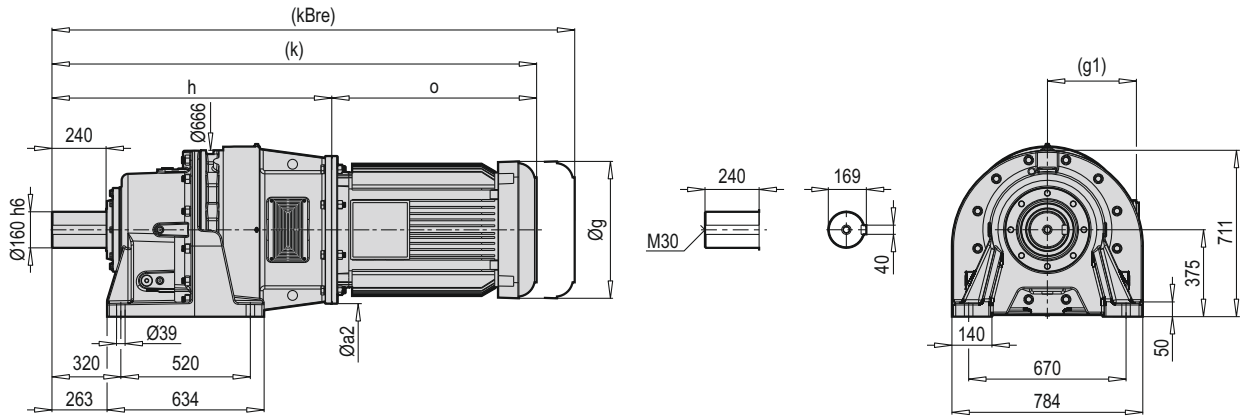


| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|------|----|-----|
| PCD 624 | 180 | 400 | - | - | 7 | 19 | 48 | 51.8 | 14 | - |
| | 200 | 450 | 300 | 350 | 7 | 19 | 55 | 59.3 | 14 | 334 |
| | 225 | 550 | 450 | 500 | 7 | 19 | 60 | 64.6 | 18 | 364 |

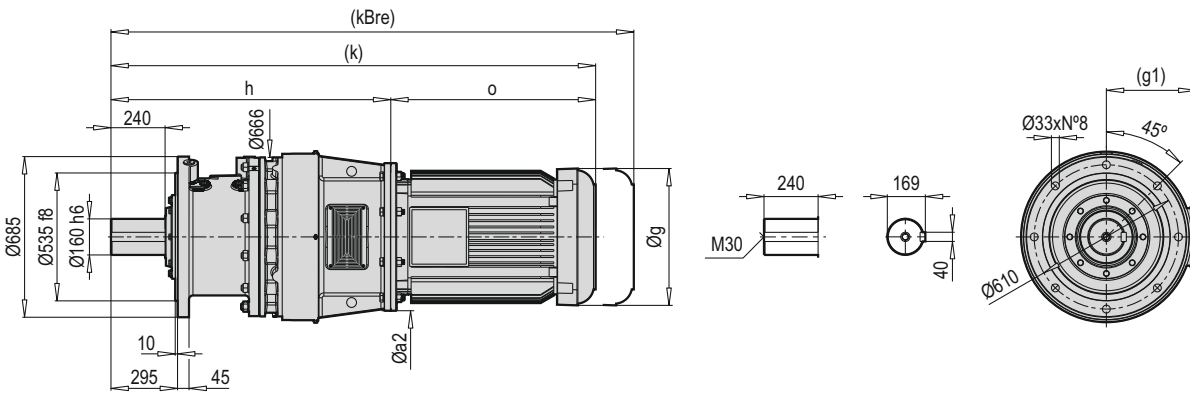
| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 624 W | H | V | F |
| | 616 | 570 | 549 |

| ~ Kg | | | |
|-----------------|-----|-----|-----|
| PCD 624 C B5 | H | V | F |
| 180 | - | - | - |
| 200 | 706 | 711 | 726 |
| 225 | 660 | 665 | 680 |

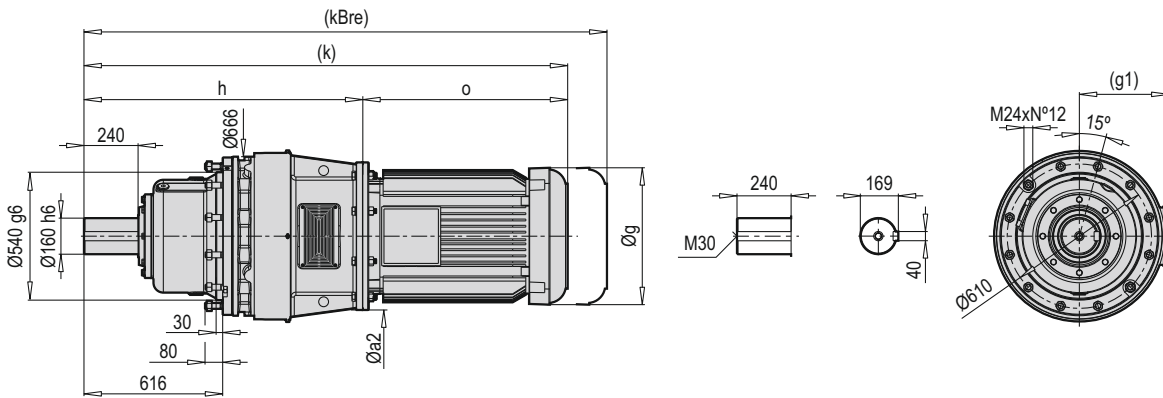
PCD 625 HCM



PCD 625 VCM

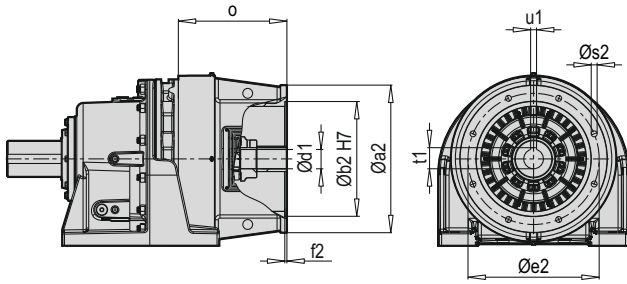


PCD 625 FCM

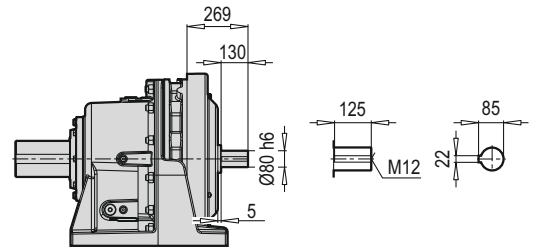


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-----|------|--------|------|-------|
| 180 | 400 | 363 | 249 | - | - | - | 586 |
| 200 | 450 | 363 | 249 | 1184 | 1779.5 | 1945 | 595.5 |
| 225 | 550 | 456 | 278 | 1185 | 1810 | 1946 | 625 |

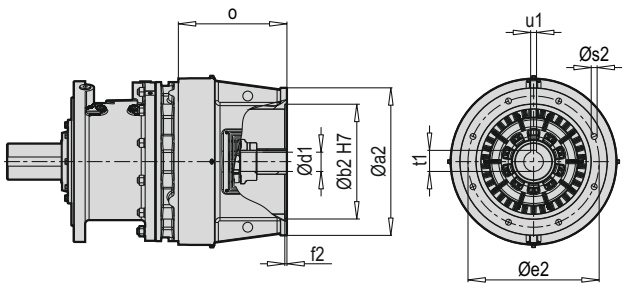
PCD 625 HC



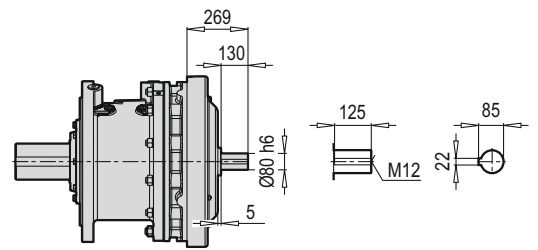
PCD 625 HW



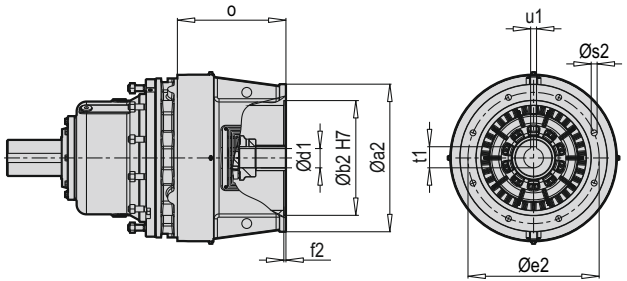
PCD 625 VC



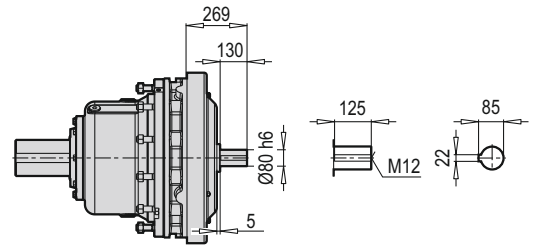
PCD 625 VW



PCD 625 FC



PCD 625 FW

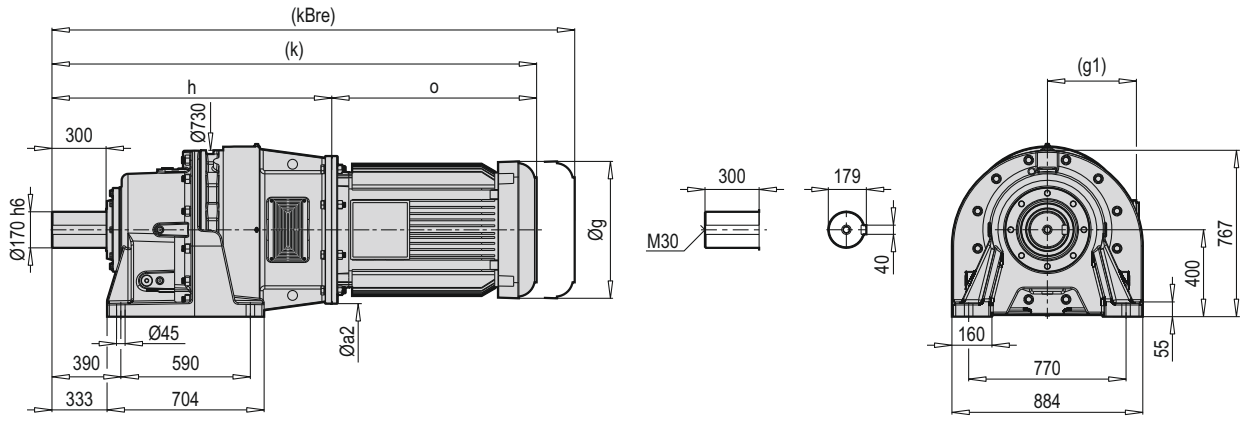


| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|------|----|-----|
| PCD 625 | 180 | 400 | - | - | 7 | 19 | 48 | 51.8 | 14 | - |
| | 200 | 450 | - | - | 7 | 19 | 55 | 59.3 | 14 | - |
| | 225 | 550 | 450 | 500 | 7 | 19 | 60 | 64.4 | 18 | 670 |

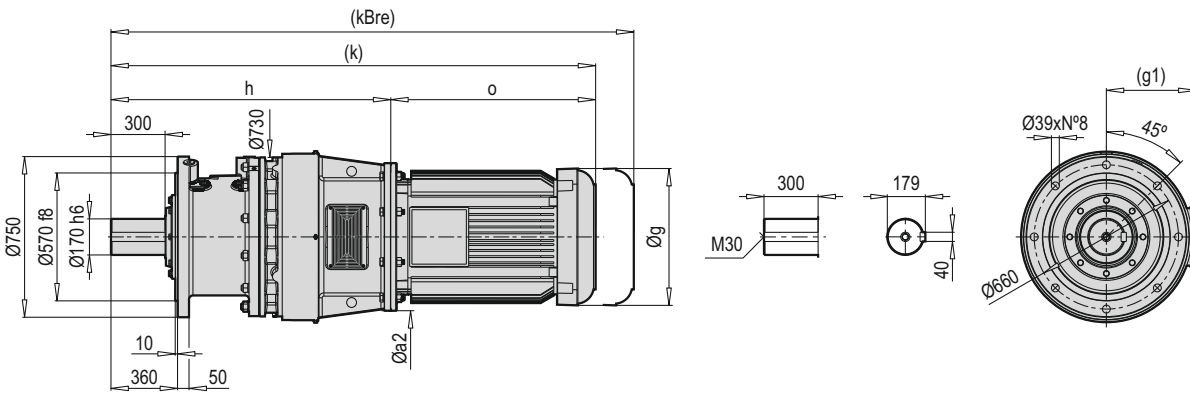
| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 625 W | H | V | F |
| | 955 | 863 | 798 |

| ~ Kg | | | |
|-----------------|------|-----|-----|
| PCD 625 C B5 | H | V | F |
| 180 | - | - | - |
| 200 | - | - | - |
| 225 | 1065 | 973 | 908 |

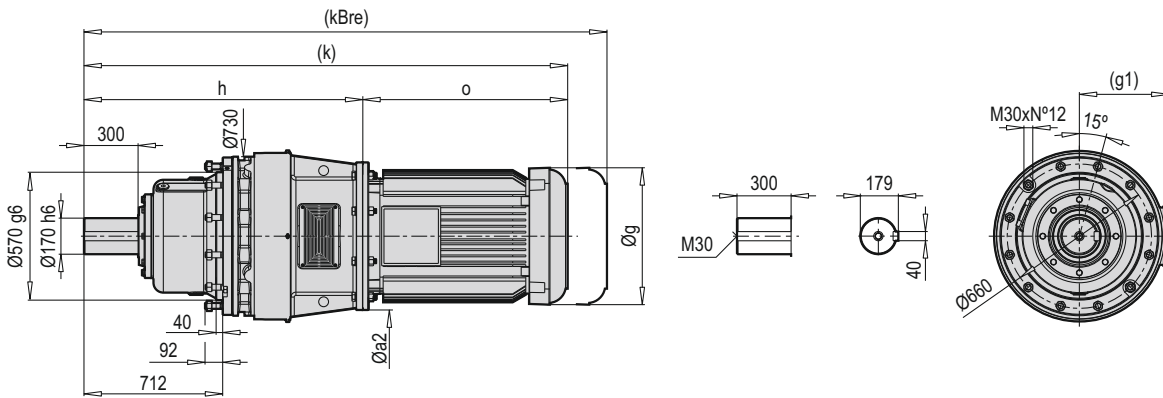
PCD 626 HCM



PCD 626 VCM

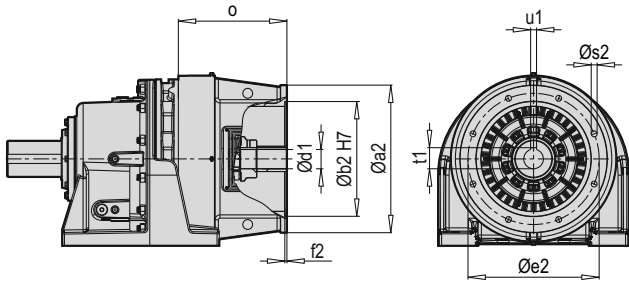


PCD 626 FCM

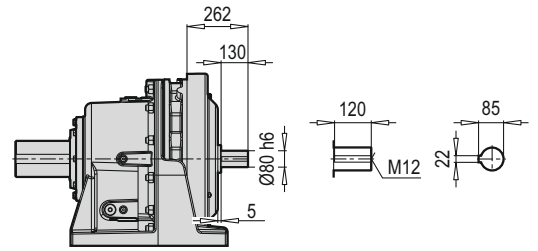


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-----|------|------|------|-------|
| 200 | 450 | 363 | 249 | - | - | - | 595.5 |
| 225 | 550 | 456 | 278 | 1295 | 1920 | 2056 | 625 |

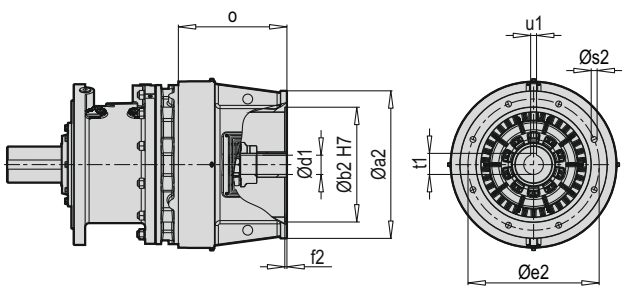
PCD 626 HC



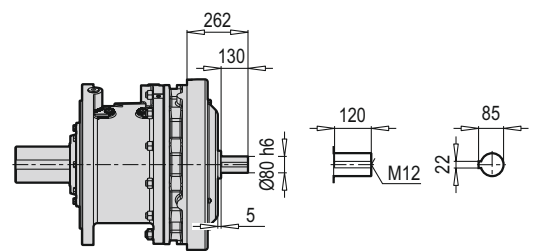
PCD 626 HW



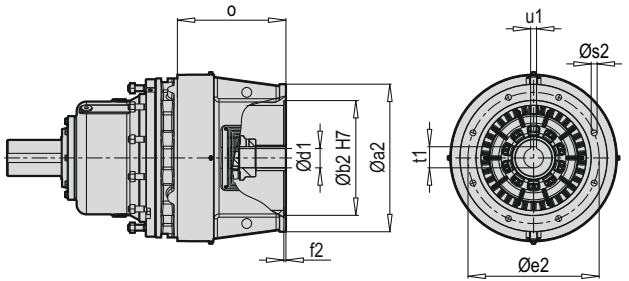
PCD 626 VC



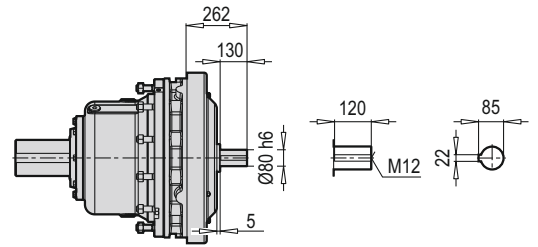
PCD 626 VW



PCD 626 FC



PCD 626 FW

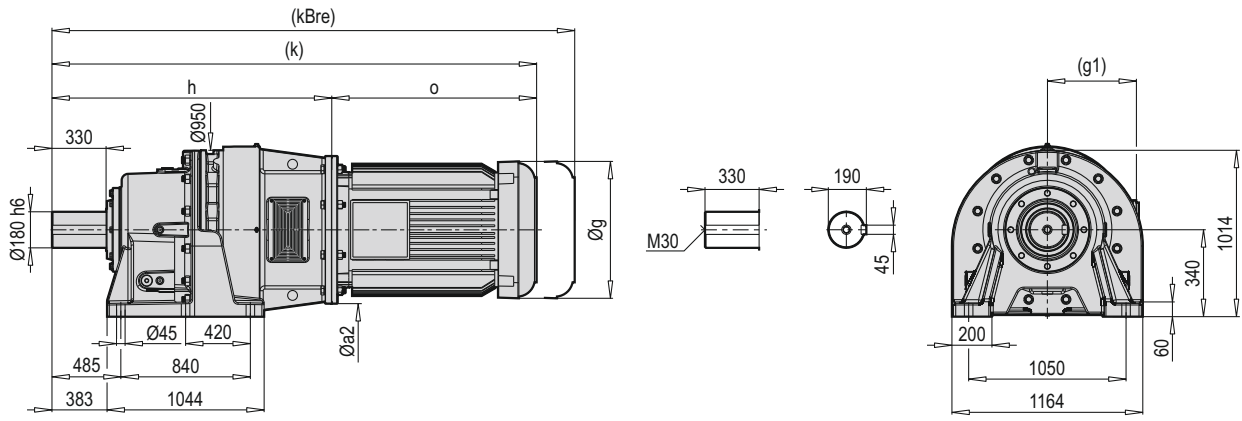


| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|----|---|
| PCD 626 | 200 | 450 | - | - | 7 | 19 | 55 | - | 14 | - |
| | 225 | 550 | 450 | 500 | 7 | 19 | 60 | - | 18 | - |

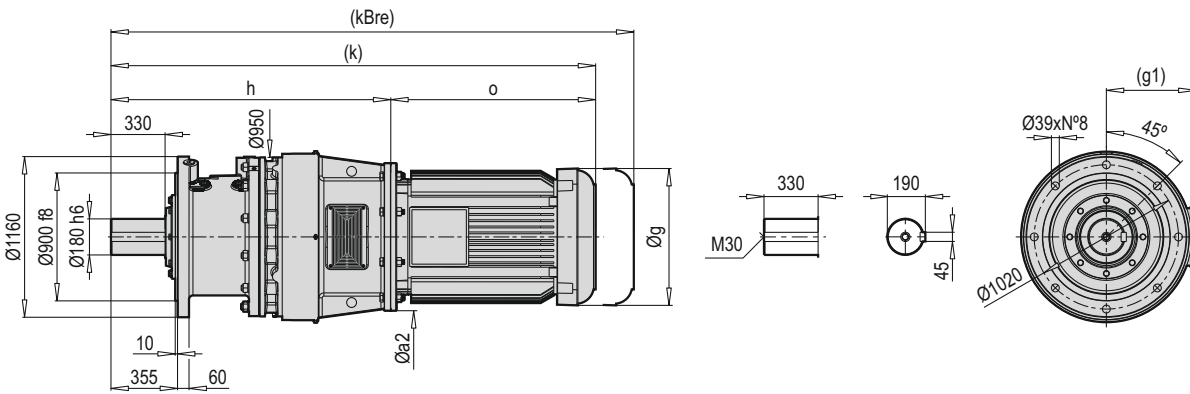
| ~ Kg | | | |
|--------------|------|------|------|
| PCD 626 W | H | V | F |
| | 1190 | 1125 | 1022 |

| ~ Kg | | | |
|-----------------|---|---|---|
| PCD 626 C B5 | H | V | F |
| 200 | - | - | - |
| 225 | - | - | - |

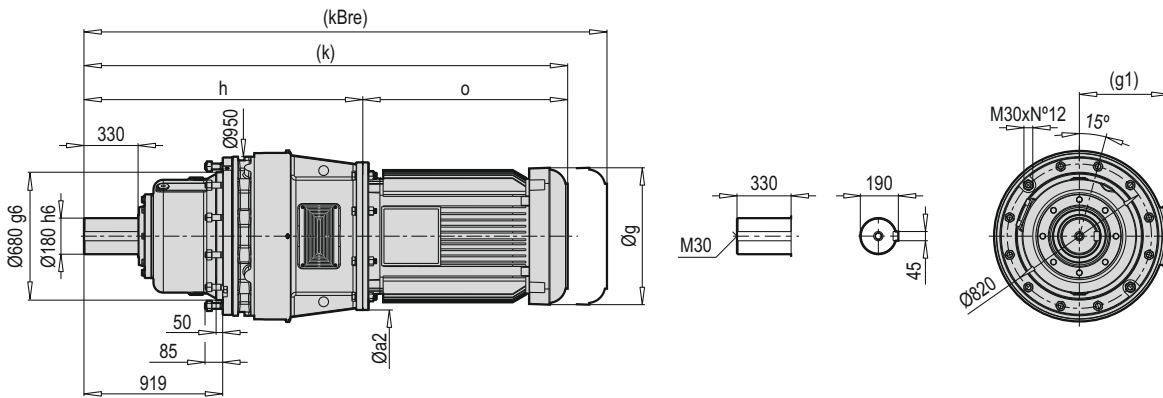
PCD 627 HCM



PCD 627 VCM

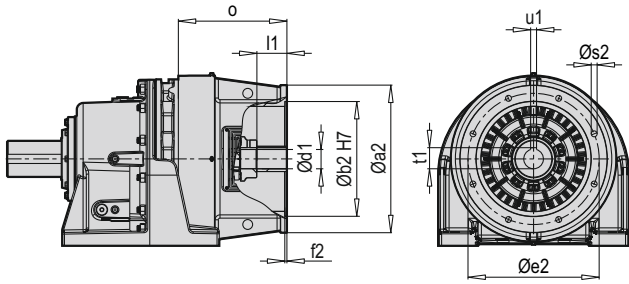


PCD 627 FCM

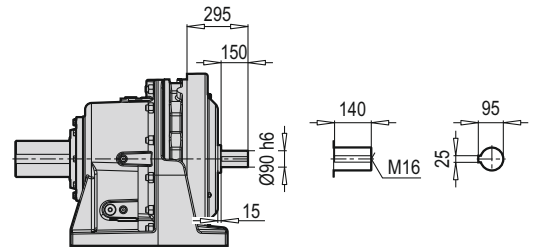


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|---|----|---|---|------|---|
| 200 | | | | | | | |
| 225 | | | | | | | |

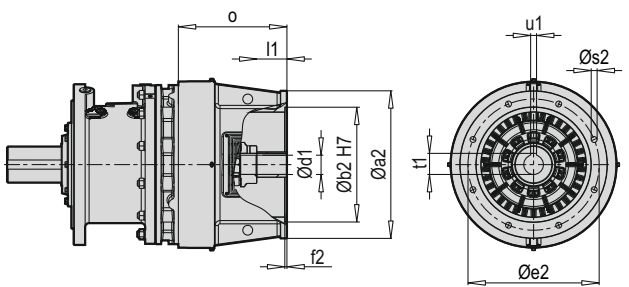
PCD 627 HC



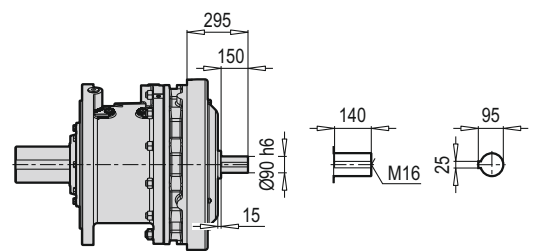
PCD 627 HW



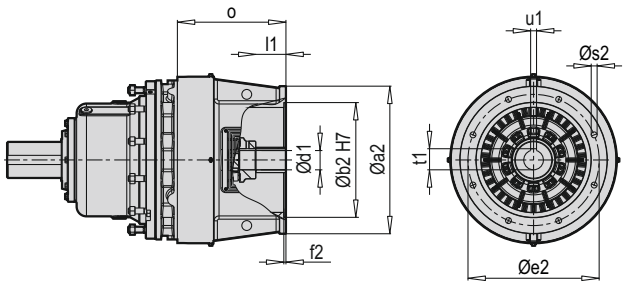
PCD 627 VC



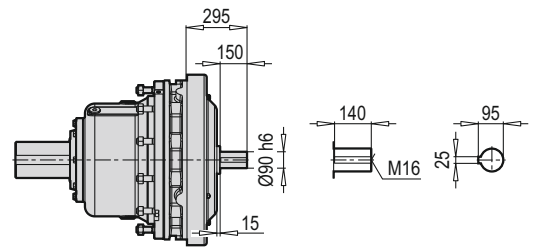
PCD 627 VW



PCD 627 FC



PCD 627 FW

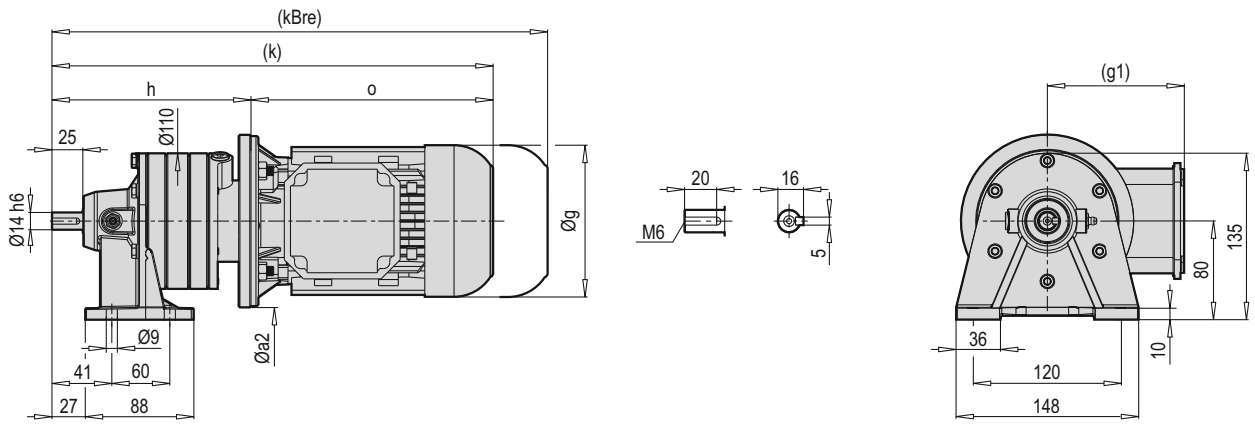


| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|----|---|
| PCD 627 | 200 | | | | | | | | | |
| | 225 | | | | | | | | | |

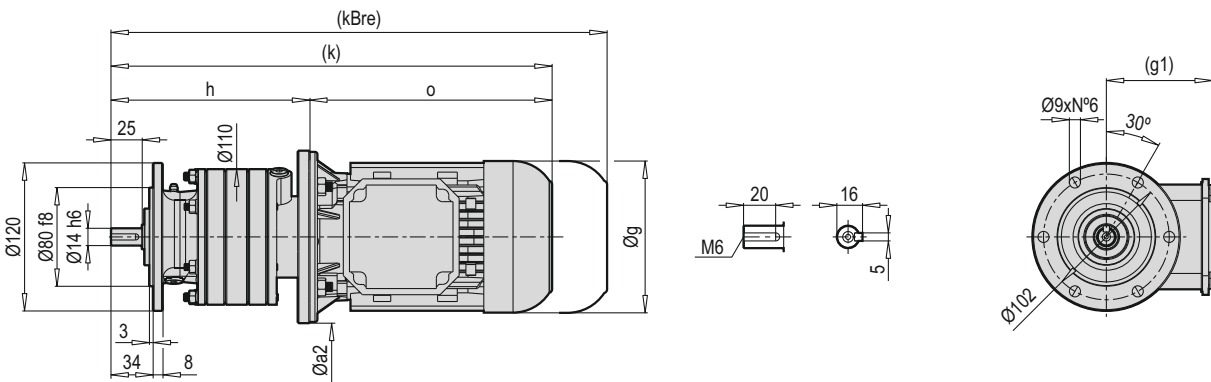
| ~ kg | | | |
|--------------|---|---|---|
| PCD 627 W | H | V | F |
| | | | |

| ~ kg | | | |
|-----------------|---|---|---|
| PCD 627 C B5 | H | V | F |
| 200 | | | |
| 225 | | | |

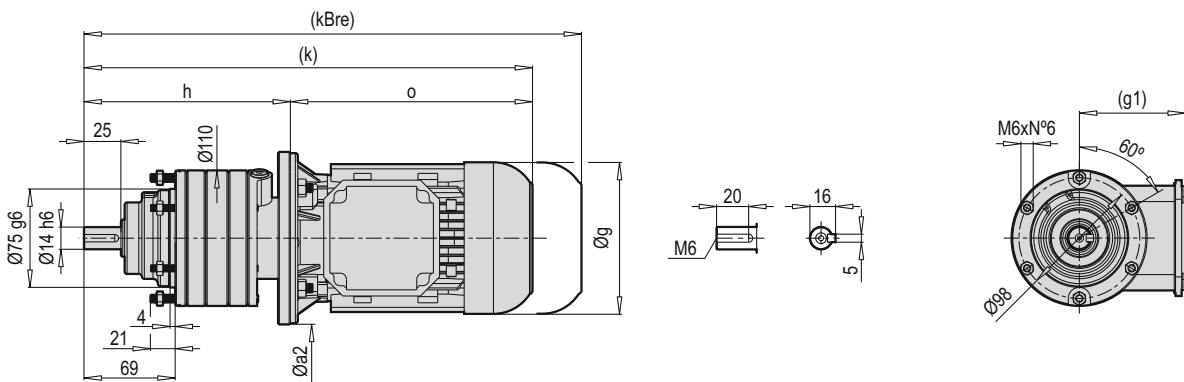
PCD 607-07 HXM



PCD 607-07 VXM

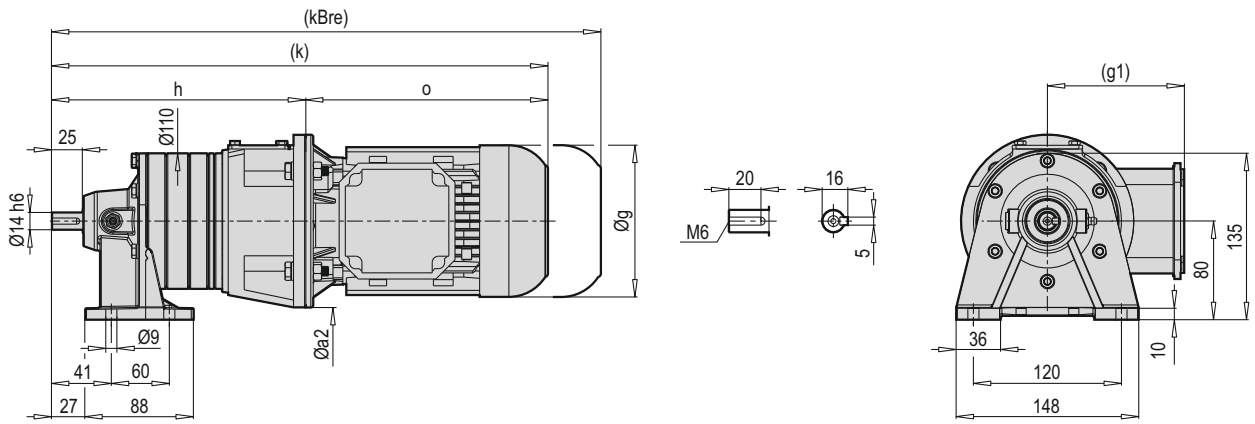


PCD 607-07 FXM

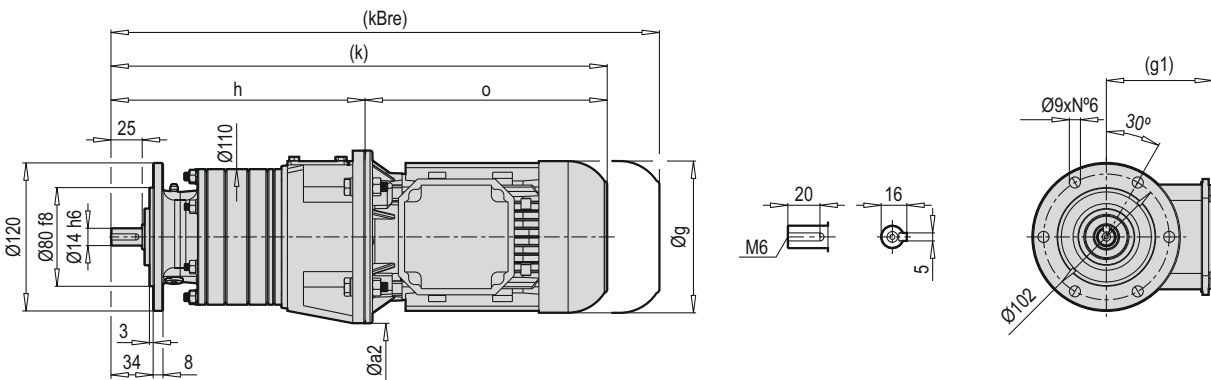


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-----|-------|-----|-----|-------|-------|-------|-------|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 161.5 | 164 | 358 | 360.5 | 411.5 | 420 | 196.5 | 196.5 |
| 71 | 160 | 105 | 138 | 119 | 168 | 168 | 391 | 391 | 451 | 453.5 | 223 | 223 |

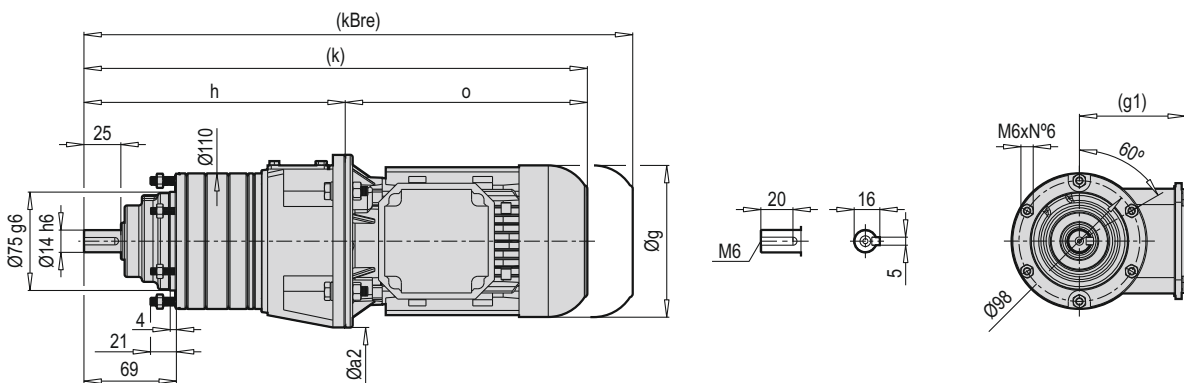
PCD 607-07 HCM



PCD 607-07 VCM

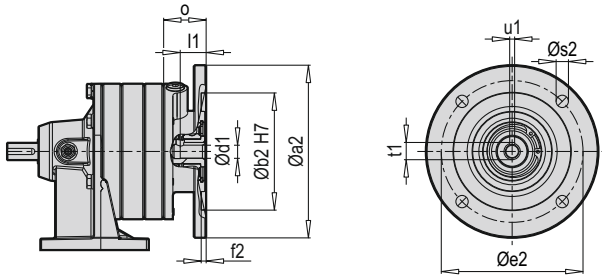


PCD 607-07 FCM

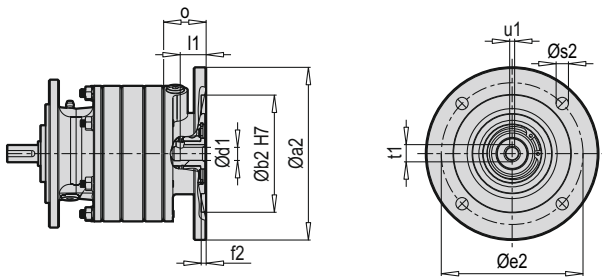


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-----|-----|-------|------|-------|
| 63 | 140 | 123 | 111 | 206 | 402.5 | 456 | 196.5 |
| 71 | 160 | 138 | 119 | 215 | 438 | 498 | 223 |

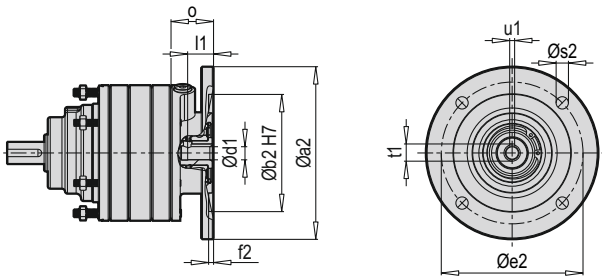
PCD 607-07 HX



PCD 607-07 VX



PCD 607-07 FX



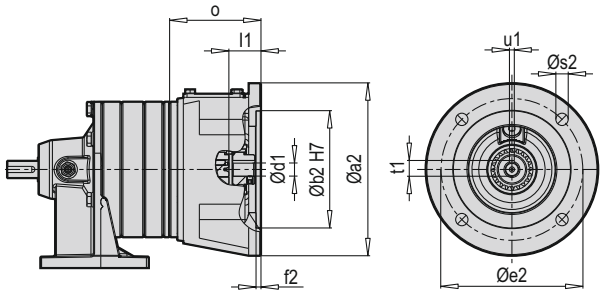
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|------|----|------|
| PCD 607-07 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 21 | 12.8 | 4 | 34.5 |
| | 71 | 160 | 110 | 130 | 4 | 9 | 14 | 25 | 16.3 | 5 | 41 |

| ~ Kg | | | |
|--------------------|---|---|-----|
| PCD 607-07 X B5 | H | V | F |
| 63 | 6 | 7 | 6.5 |
| 71 | 6 | 7 | 6.5 |

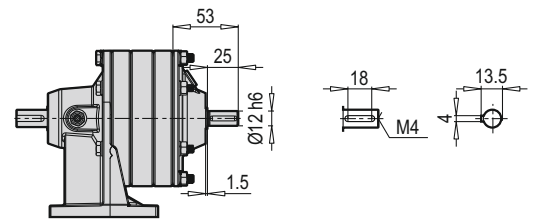
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|----|------|----|----|
| PCD 607-07 | 63 | 91 | 60 | 75 | 4 | 5.5 | 11 | 21 | 12.8 | 4 | 37 |
| | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 25 | 16.3 | 5 | 41 |

| ~ Kg | | | |
|---------------------|-----|-----|---|
| PCD 607-07 X B14 | H | V | F |
| 63 | 5.5 | 6.5 | 6 |
| 71 | 5.5 | 6.5 | 6 |

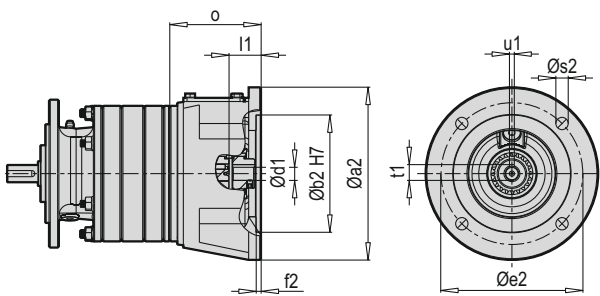
PCD 607-07 HC



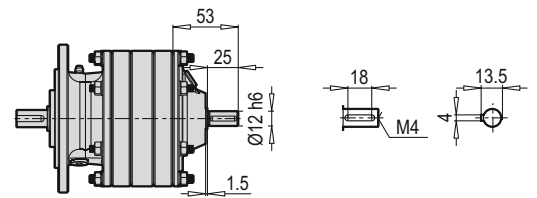
PCD 607-07 HW



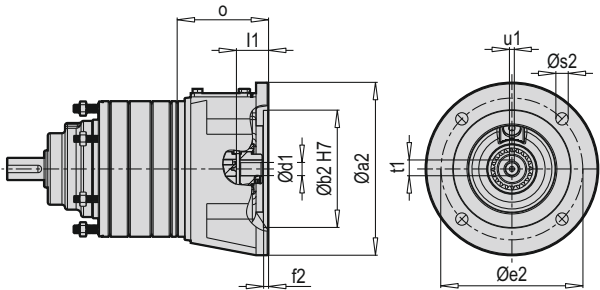
PCD 607-07 VC



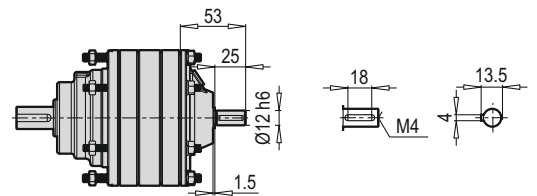
PCD 607-07 VW



PCD 607-07 FC



PCD 607-07 FW

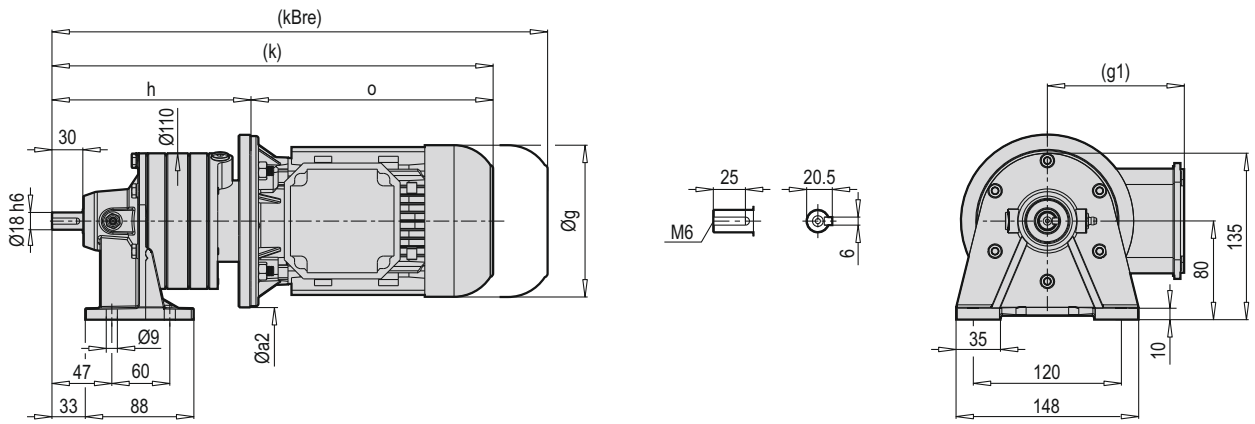


| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|------|----|----|
| PCD 607 07 | 63 | 140 | 95 | 115 | 4 | 10 | 12 | 23 | 12.8 | 4 | 74 |
| | 71 | 160 | 110 | 130 | 4 | 10 | 14 | 32 | 16.3 | 5 | 80 |

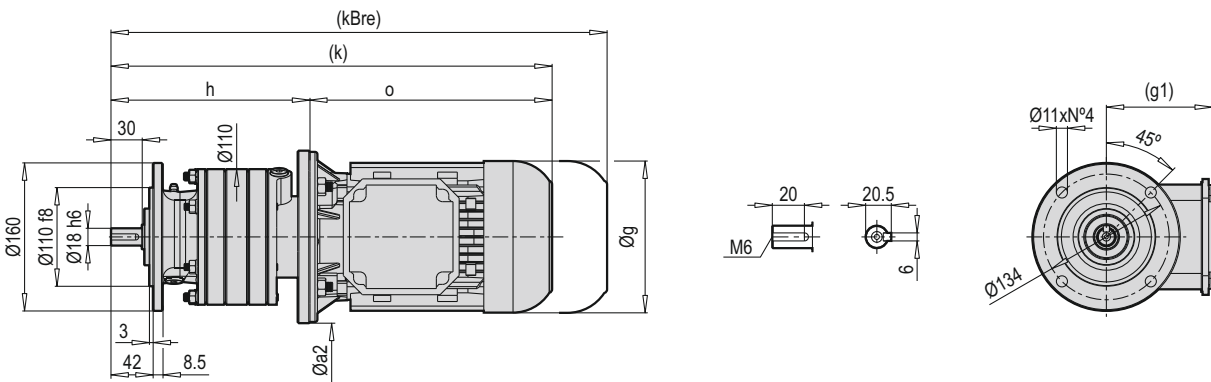
| ~ Kg | | | |
|-----------------|---|---|-----|
| PCD 607-07 W | H | V | F |
| 607-07 | 4 | 5 | 4.5 |

| ~ Kg | | | |
|--------------------|-----|-----|-----|
| PCD 607-07 C B5 | H | V | F |
| 63 | 6.5 | 7.5 | 7 |
| 71 | 4 | 5 | 4.5 |

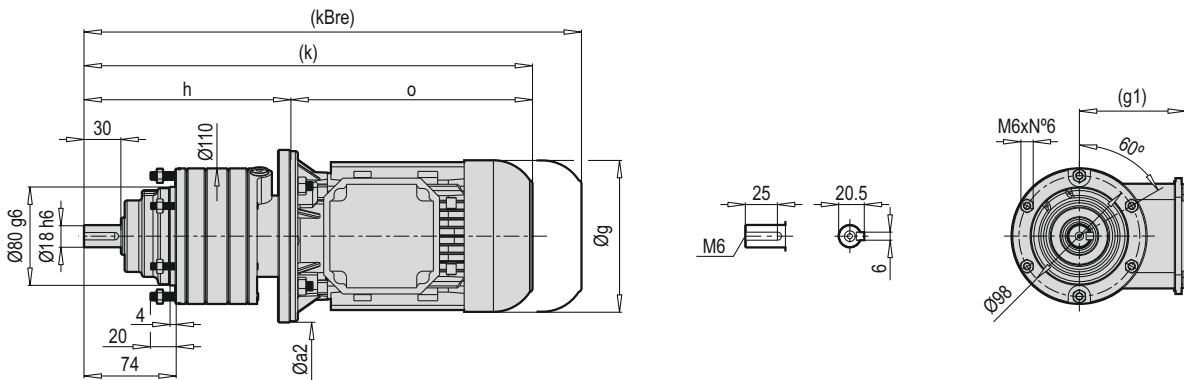
PCD 608-07 HXM



PCD 608-07 VXM

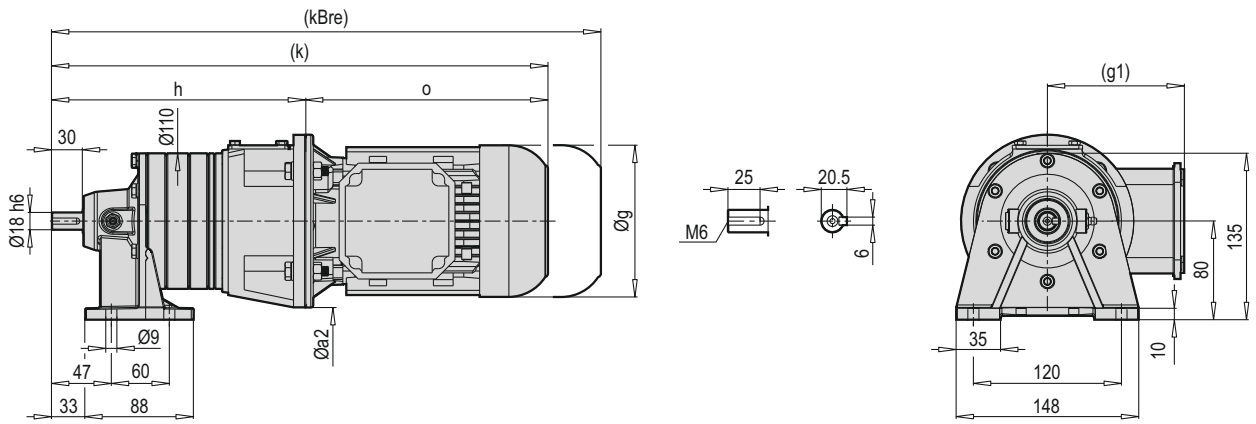


PCD 608-07 FXM

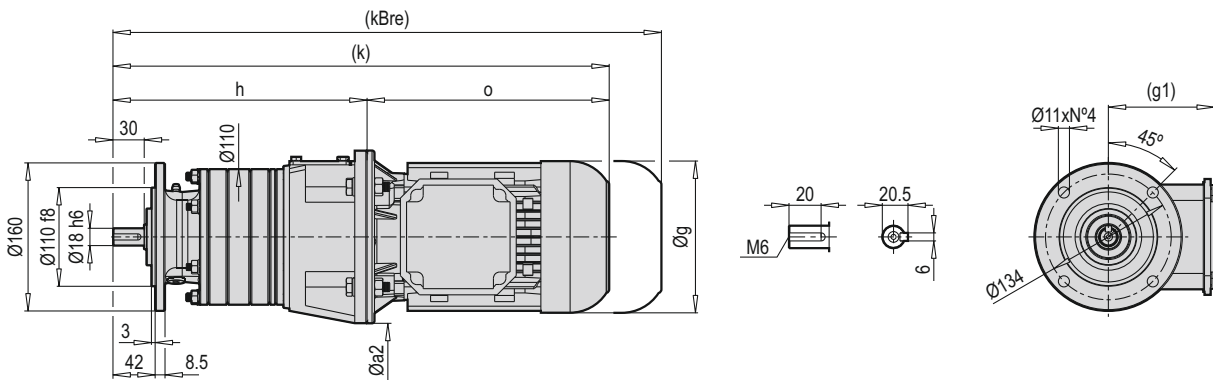


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-----|-------|-----|-----|-------|-------|-----|-------|-------|
| | B5 | B14 | | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 167.5 | 170 | 364 | 366.5 | 417.5 | 426 | 196.5 | 196.5 |

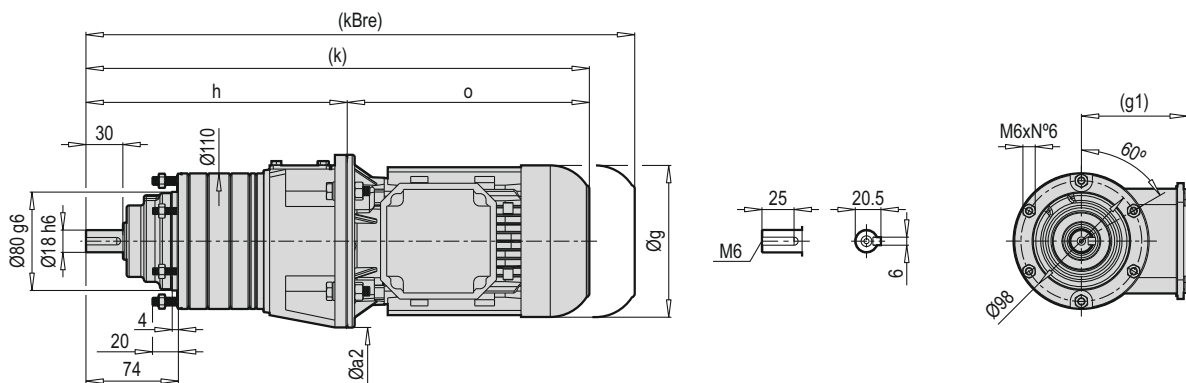
PCD 608-07 HCM



PCD 608-07 VCM

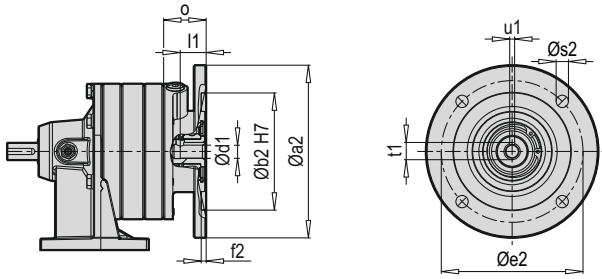


PCD 608-07 FCM

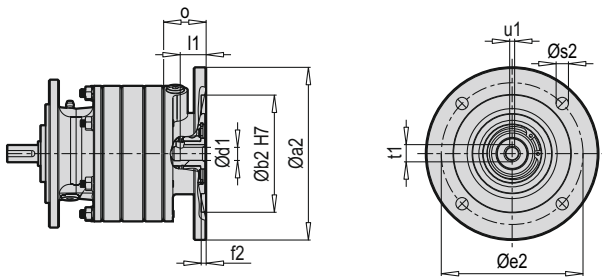


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-----|-----|-------|------|-------|
| 63 | 140 | 123 | 111 | 212 | 408.5 | 462 | 196.5 |
| 71 | 160 | 138 | 119 | 221 | 444 | 504 | 223 |

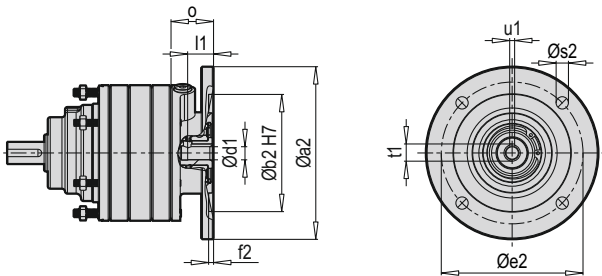
PCD 608-07 HX



PCD 608-07 VX



PCD 608-07 FX



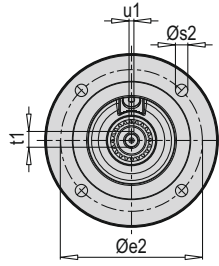
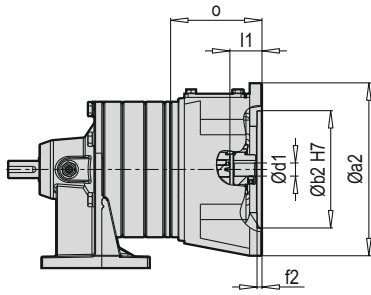
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|------|----|------|
| PCD 608-07 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 21 | 12.8 | 4 | 34.5 |
| | 71 | 160 | 110 | 130 | 4 | 9 | 14 | 25 | 16.3 | 5 | 41 |

| ~ Kg | | | |
|--------------------|-----|-----|---|
| PCD 608-07 X B5 | H | V | F |
| 63 | 6.5 | 8.5 | 7 |
| 71 | 6.5 | 8.5 | 7 |

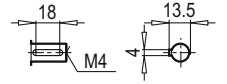
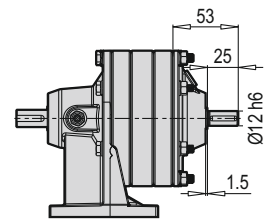
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|------|------|----|----|
| PCD 608-07 | 63 | 91 | 60 | 75 | 4 | 5.5 | 11 | 23.5 | 12.8 | 4 | 37 |
| | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 25 | 16.3 | 5 | 41 |

| ~ Kg | | | |
|---------------------|---|---|-----|
| PCD 608-07 X B14 | H | V | F |
| 63 | 6 | 8 | 6.5 |
| 71 | 6 | 8 | 6.5 |

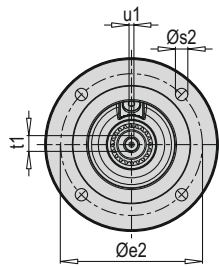
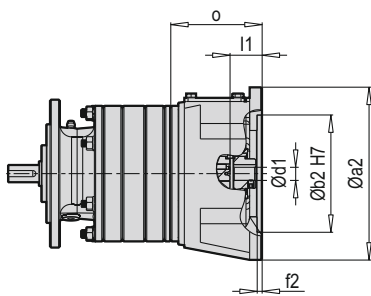
PCD 608-07 HC



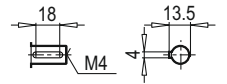
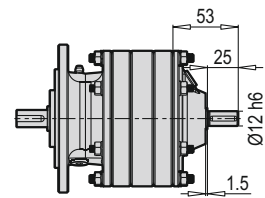
PCD 608-07 HW



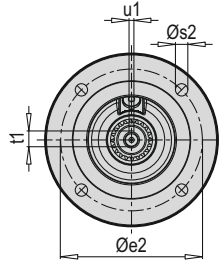
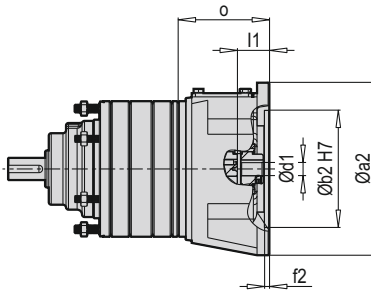
PCD 608-07 VC



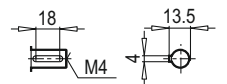
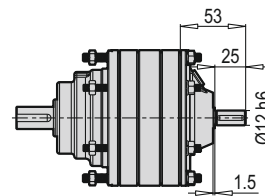
PCD 608-07 VW



PCD 608-07 FC



PCD 608-07 FW

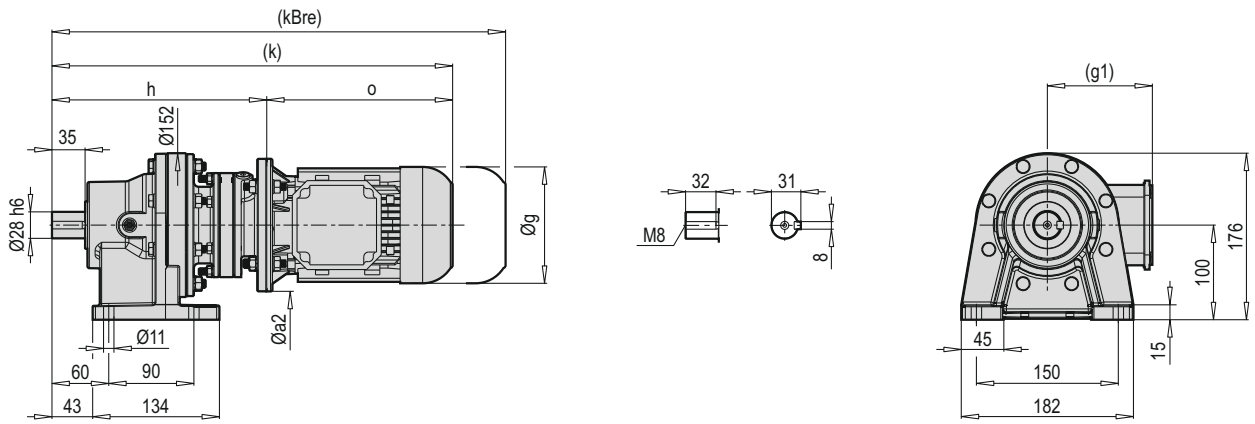


| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-------|-----|-----|----|-----|-----|----|------|----|----|
| PCD 608-07 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 23 | 12.8 | 4 | 74 |
| | 71 | 159.5 | 110 | 130 | 4 | 10 | 14 | 32 | 16.3 | 5 | 83 |

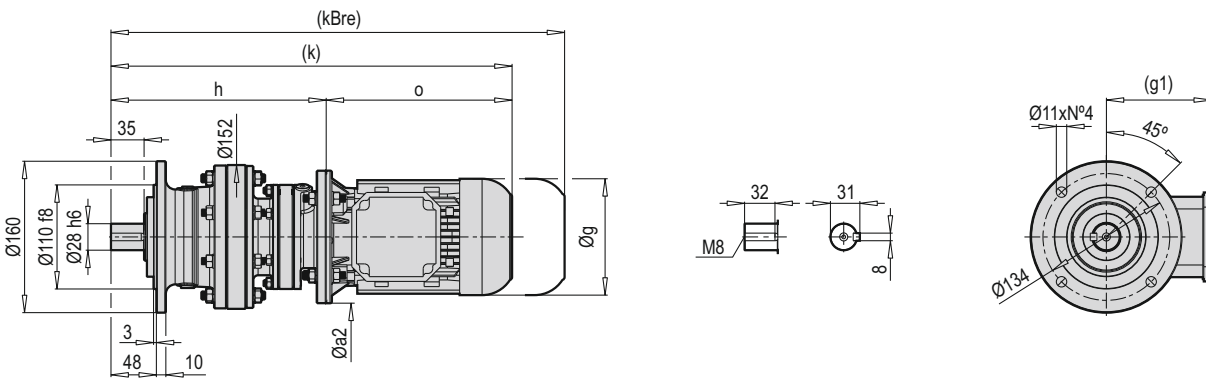
| ~ Kg | | | |
|-----------------|-----|-----|---|
| PCD 608-07 W | H | V | F |
| | 4.5 | 6.5 | 5 |

| ~ Kg | | | |
|--------------------|-----|-----|-----|
| PCD 608-07 C B5 | H | V | F |
| 63 | 7 | 9 | 7.5 |
| 71 | 7.5 | 9.5 | 8 |

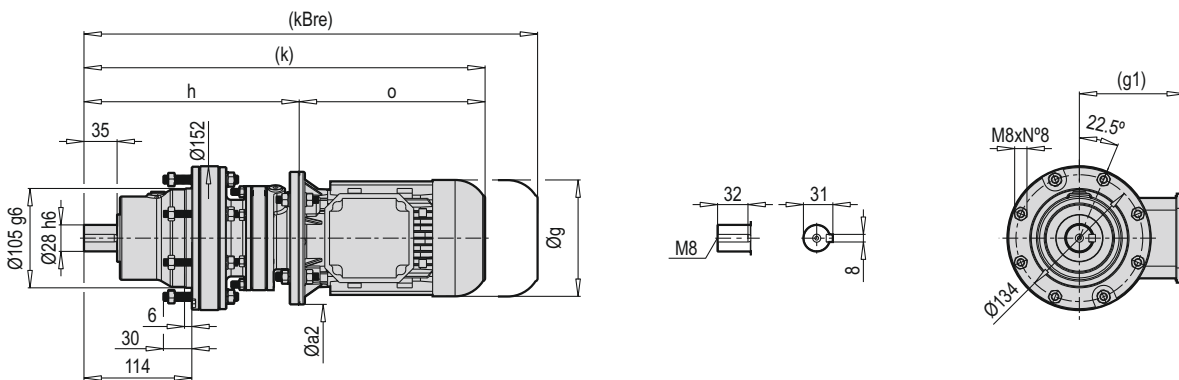
PCD 609-08 HXM



PCD 609-08 VXM

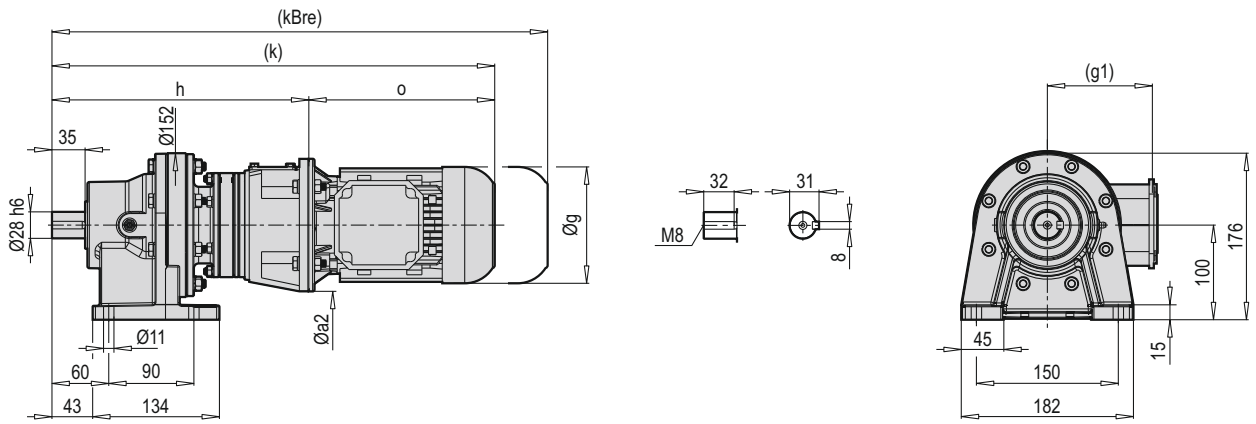


PCD 609-08 FXM

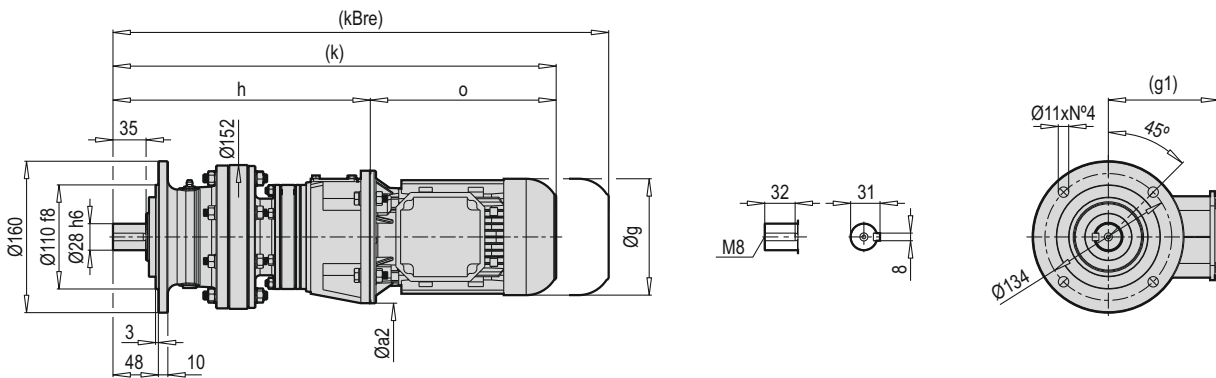


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-----|-------|-----|-----|-------|-------|-------|-------|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 227.5 | 230 | 424 | 426.5 | 477.5 | 486 | 196.5 | 196.5 |
| 71 | 160 | 105 | 138 | 119 | 234 | 234 | 457 | 457 | 517 | 519.5 | 223 | 223 |

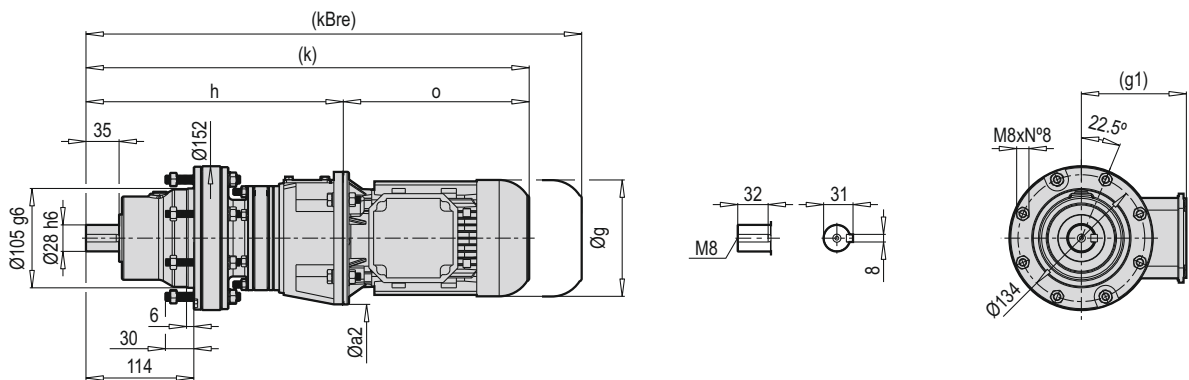
PCD 609-08 HCM



PCD 609-08 VCM

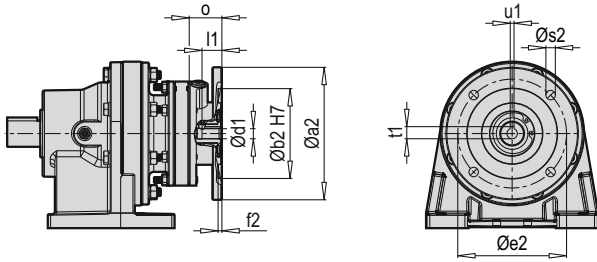


PCD 609-08 FCM

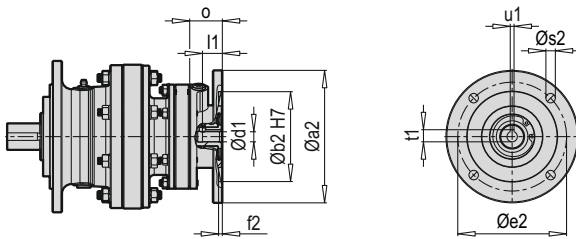


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-----|-----|-------|------|-------|
| 63 | 140 | 123 | 111 | 272 | 468.5 | 522 | 196.5 |
| 71 | 160 | 138 | 119 | 281 | 504 | 564 | 223 |

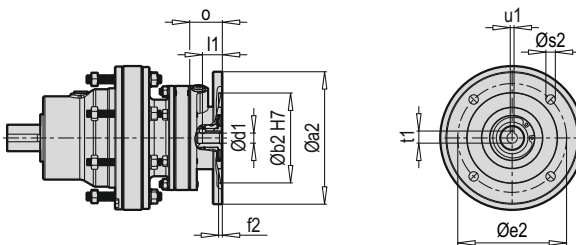
PCD 609-08 HX



PCD 609-08 VX



PCD 609-08 FX



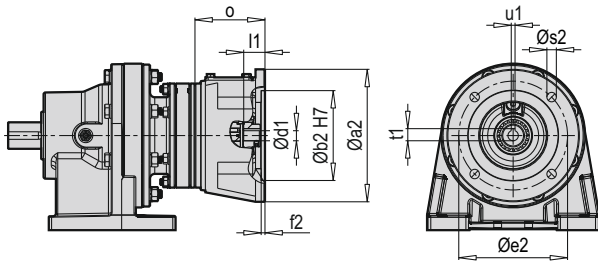
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|------|----|------|
| PCD 609-08 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 21 | 12.8 | 4 | 34.5 |
| | 71 | 160 | 110 | 130 | 4 | 9 | 14 | 25 | 16.3 | 5 | 41 |

| ~ Kg | | | |
|--------------------|----|----|----|
| PCD 609-08 X B5 | H | V | F |
| 63 | 14 | 12 | 11 |
| 71 | 14 | 12 | 11 |

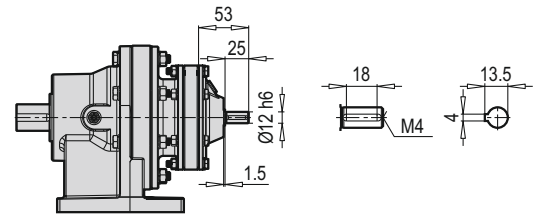
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|------|------|----|----|
| PCD 609-08 | 63 | 91 | 60 | 75 | 4 | 5.5 | 11 | 23.5 | 12.8 | 4 | 37 |
| | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 25 | 16.3 | 5 | 41 |

| ~ Kg | | | |
|---------------------|------|------|------|
| PCD 609-08 X B14 | H | V | F |
| 63 | 13.5 | 11.5 | 10.5 |
| 71 | 13.5 | 11.5 | 10.5 |

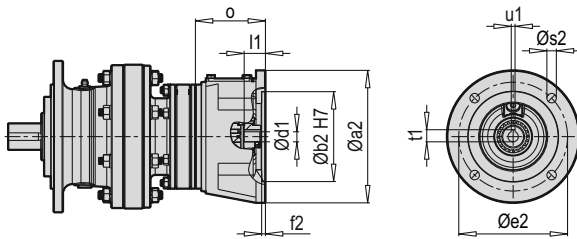
PCD 609-08 HC



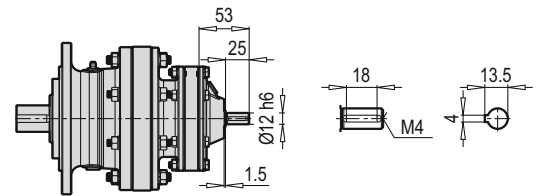
PCD 609-08 HW



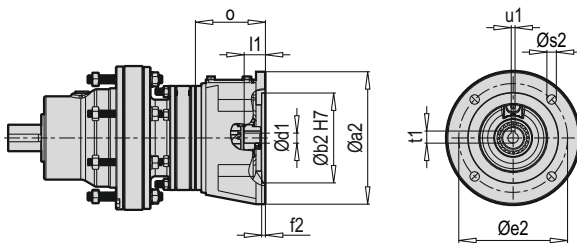
PCD 609-08 VC



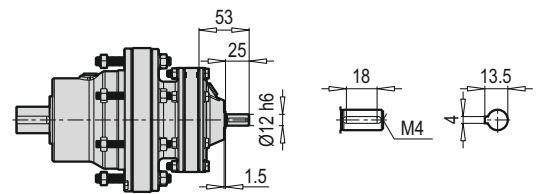
PCD 609-08 VW



PCD 609-08 FC



PCD 609-08 FW

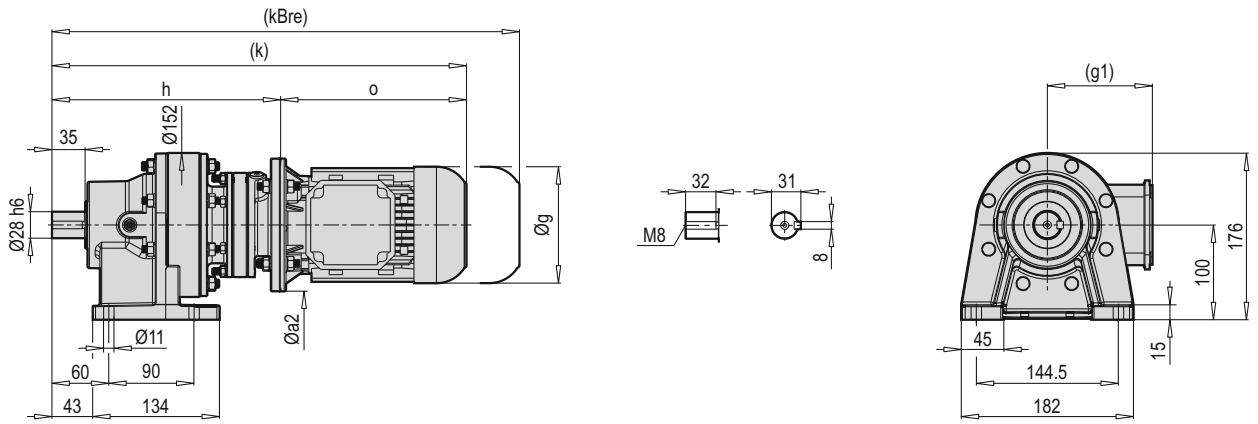


| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|------|------|----|----|
| PCD 609-08 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 22.5 | 12.8 | 4 | 74 |
| | 71 | 160 | 110 | 130 | 4 | 10 | 14 | 32 | 16.3 | 5 | 83 |

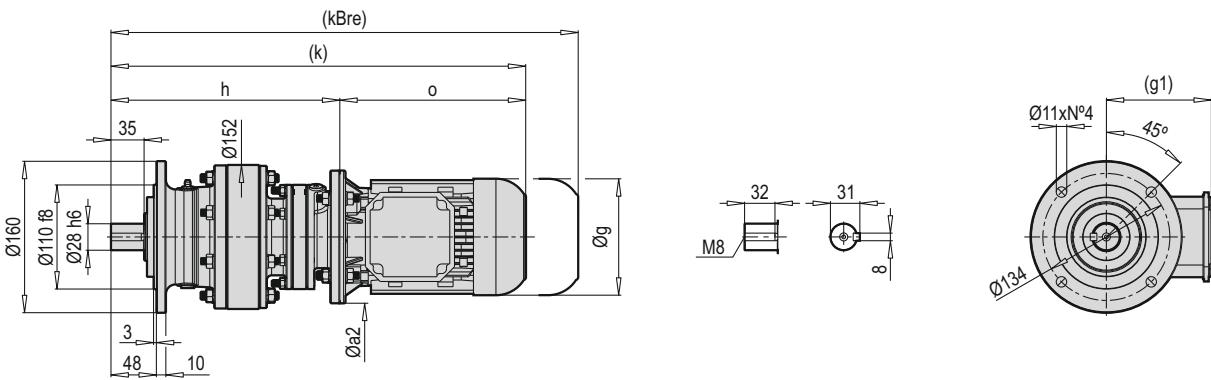
| ~ Kg | | | |
|-----------------|----|----|----|
| PCD 609-08 W | H | V | F |
| | 13 | 11 | 10 |

| ~ Kg | | | |
|--------------------|------|------|------|
| PCD 609-08 C B5 | H | V | F |
| 63 | 15.5 | 13.5 | 12.5 |
| 71 | 16 | 14 | 13 |

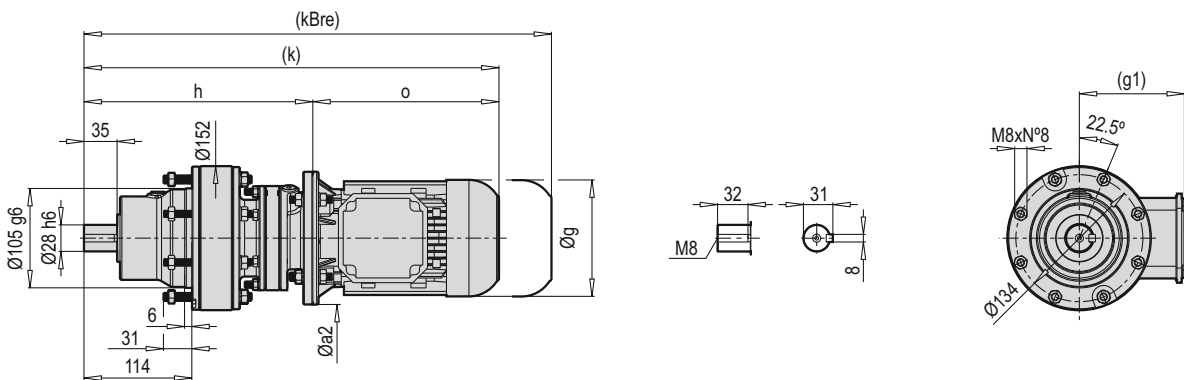
PCD 610-08 HXM



PCD 610-08 VXM

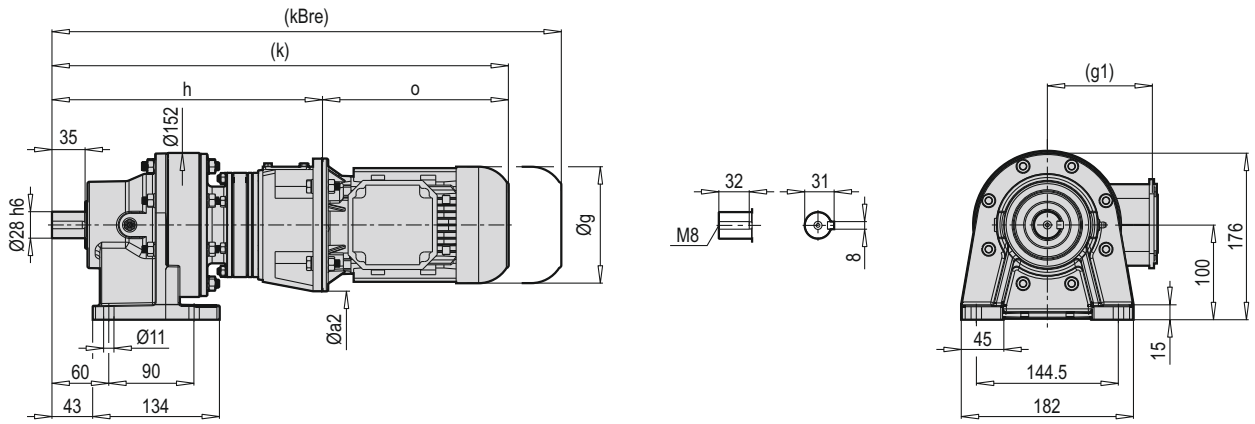


PCD 610-08 FXM

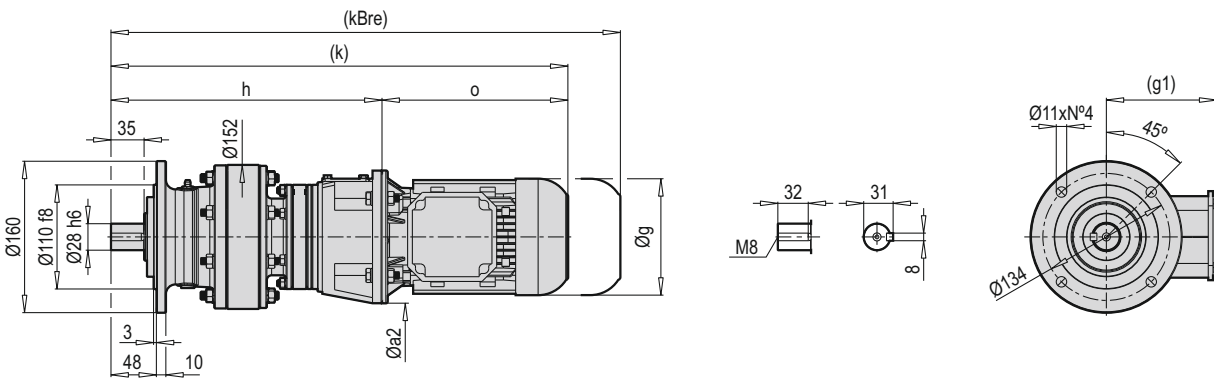


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-----|-------|-------|-------|-------|-------|-----|-------|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 241 | 243.5 | 437.5 | 440 | 491 | 440 | 196.5 | 196.5 |
| 71 | 160 | 105 | 138 | 119 | 247.5 | 247.5 | 470.5 | 470.5 | 530.5 | 756 | 223 | 223 |

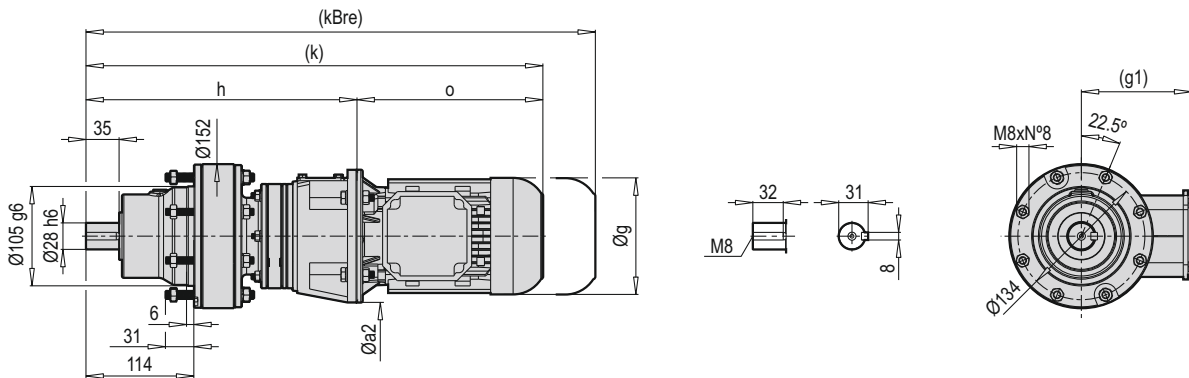
PCD 610-08 HCM



PCD 610-08 VCM

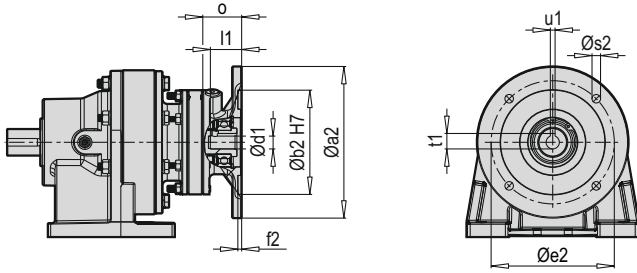


PCD 610-08 FCM

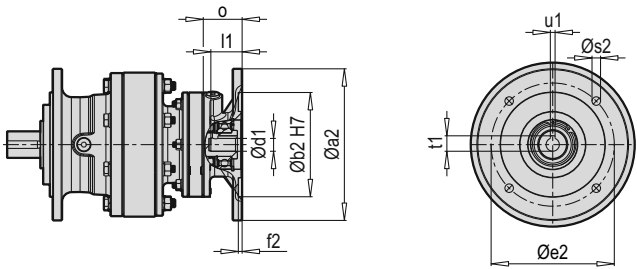


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-----|-------|-------|-------|-------|
| 63 | 140 | 123 | 111 | 285.5 | 482 | 535.5 | 196.5 |
| 71 | 160 | 138 | 119 | 294.5 | 517.5 | 577.5 | 223 |

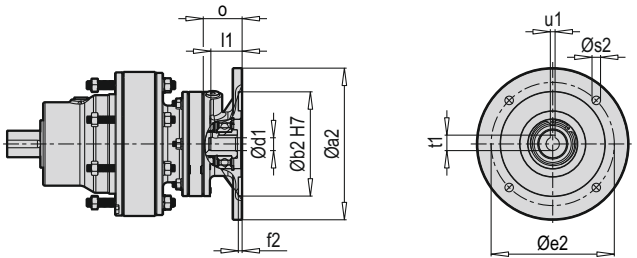
PCD 610-08 HX



PCD 610-08 VX



PCD 610-08 FX



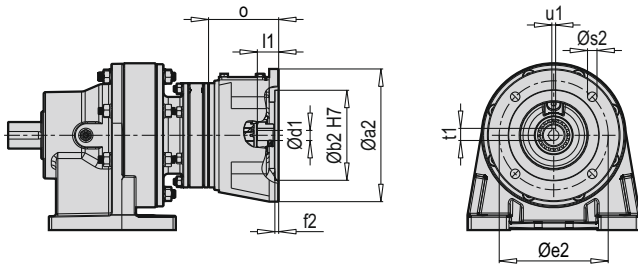
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|------|----|------|
| PCD 610-08 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 21 | 12.8 | 4 | 34.5 |
| | 71 | 160 | 110 | 130 | 4 | 9 | 14 | 25 | 16.3 | 5 | 41 |

| ~ Kg | | | |
|--------------------|----|----|----|
| PCD 610-08 X B5 | H | V | F |
| 63 | 17 | 15 | 14 |
| 71 | 17 | 15 | 14 |

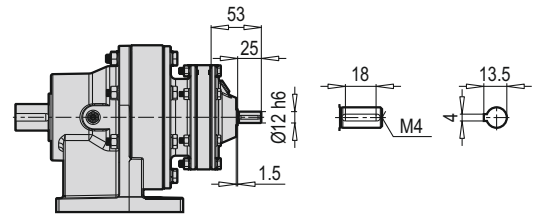
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|------|------|----|----|
| PCD 610-08 | 63 | 91 | 60 | 75 | 4 | 5.5 | 11 | 23.5 | 12.8 | 4 | 37 |
| | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 25 | 16.3 | 5 | 41 |

| ~ Kg | | | |
|---------------------|------|------|------|
| PCD 610-08 X B14 | H | V | F |
| 63 | 16.5 | 14.5 | 13.5 |
| 71 | 16.5 | 14.5 | 13.5 |

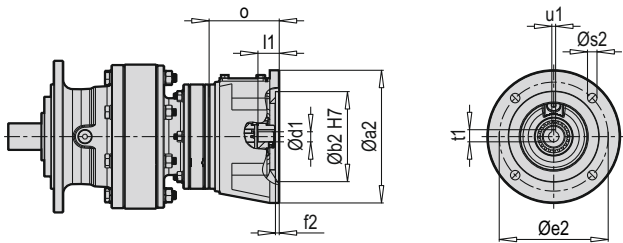
PCD 610-08 HC



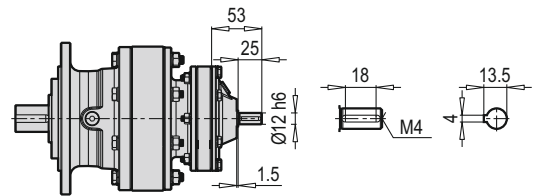
PCD 610-08 HW



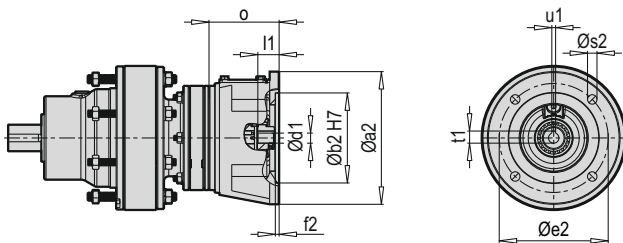
PCD 610-08 VC



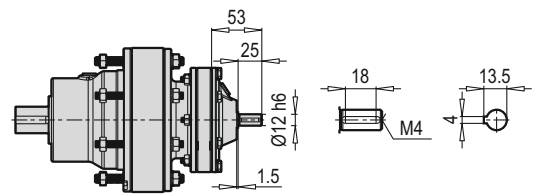
PCD 610-08 VW



PCD 610-08 FC



PCD 610-08 FW

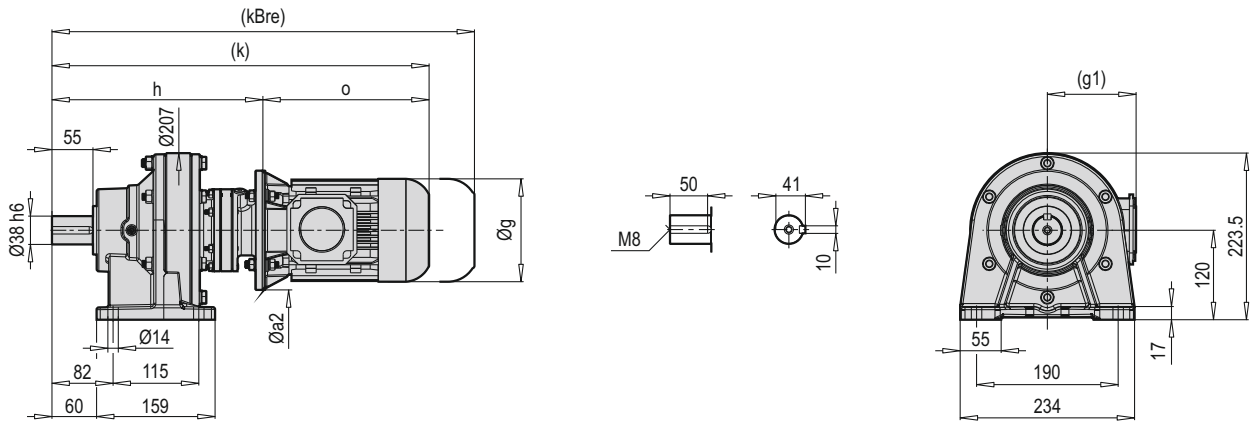


| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|------|------|----|----|
| PCD 610-08 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 22.5 | 12.8 | 4 | 74 |
| | 71 | 160 | 110 | 130 | 4 | 10 | 14 | 32 | 16.3 | 5 | 83 |

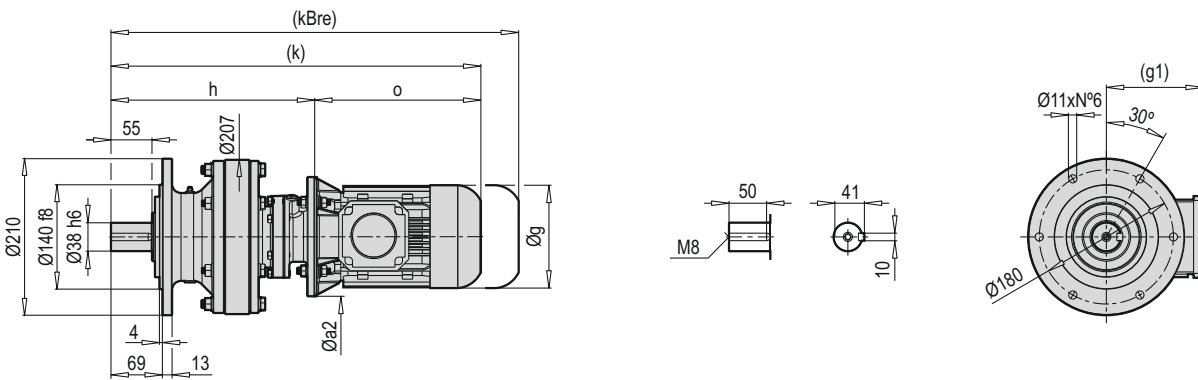
| ~ Kg | | | |
|-----------------|----|----|----|
| PCD 610-08 W | H | V | F |
| | 15 | 13 | 12 |

| ~ Kg | | | |
|--------------------|------|------|------|
| PCD 610-08 C B5 | H | V | F |
| 63 | 17.5 | 15.5 | 14.5 |
| 71 | 18 | 16 | 15 |

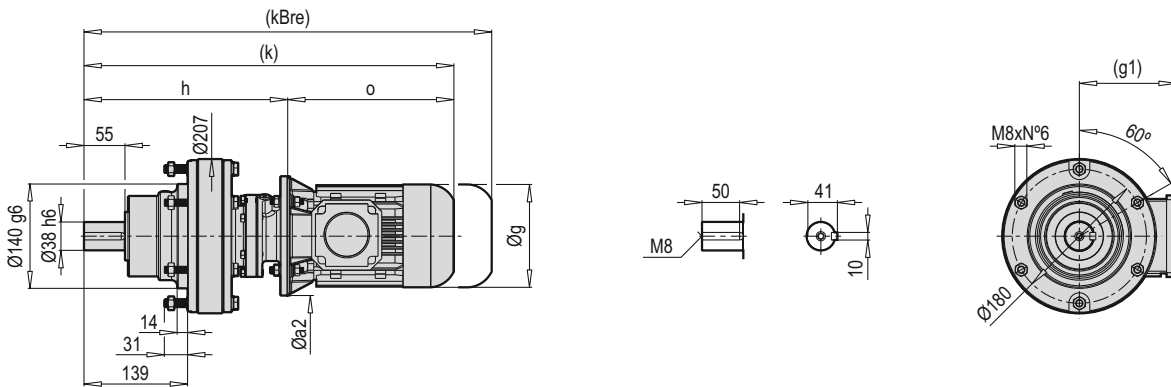
PCD 611-08 HXM



PCD 611-08 VXM

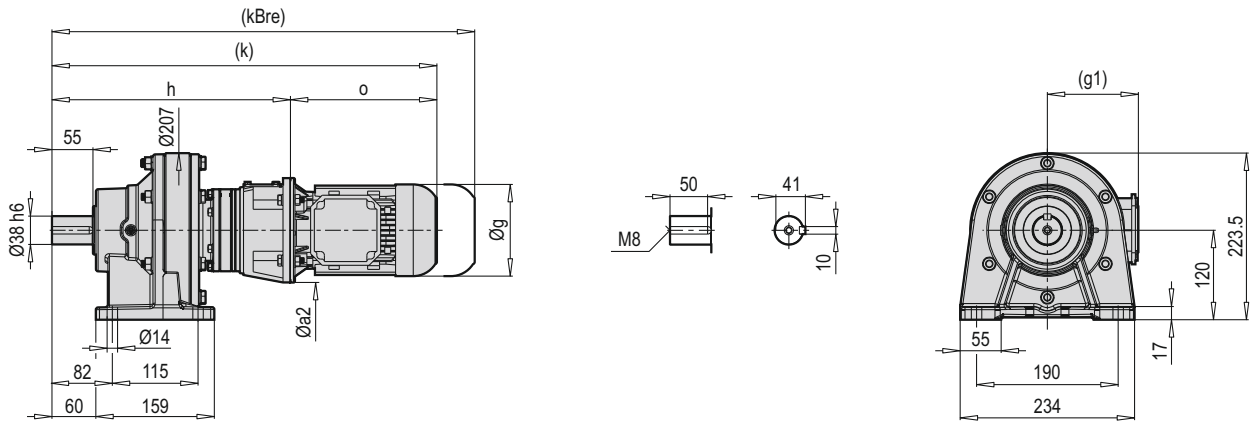


PCD 611-08 FXM

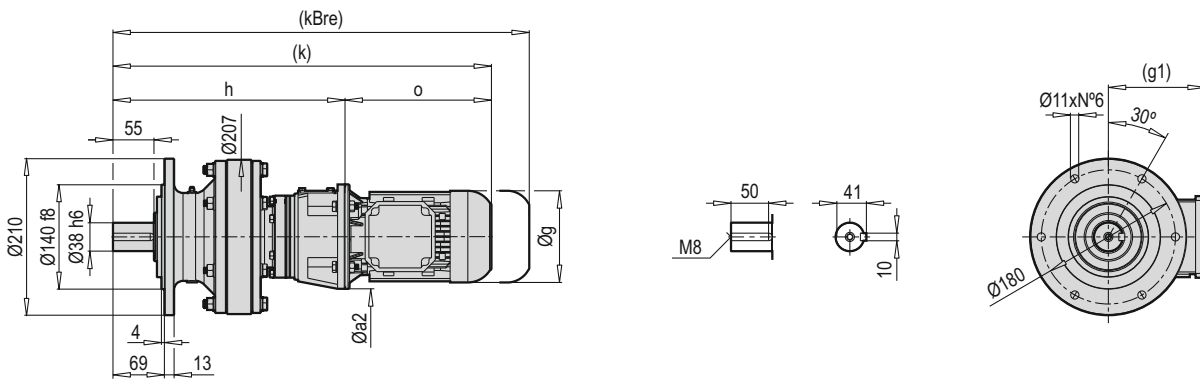


| HXM VXM FXM | Øa2 | | g | g1 | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-----|-------|-----|-----|-------|-------|-------|-------|-------|
| | B5 | B14 | | | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 276.5 | 279 | 473 | 475.5 | 526.5 | 535 | 196.5 | 196.5 |
| 71 | 160 | 105 | 138 | 119 | 283 | 283 | 506 | 506 | 566 | 568.5 | 223 | 223 |

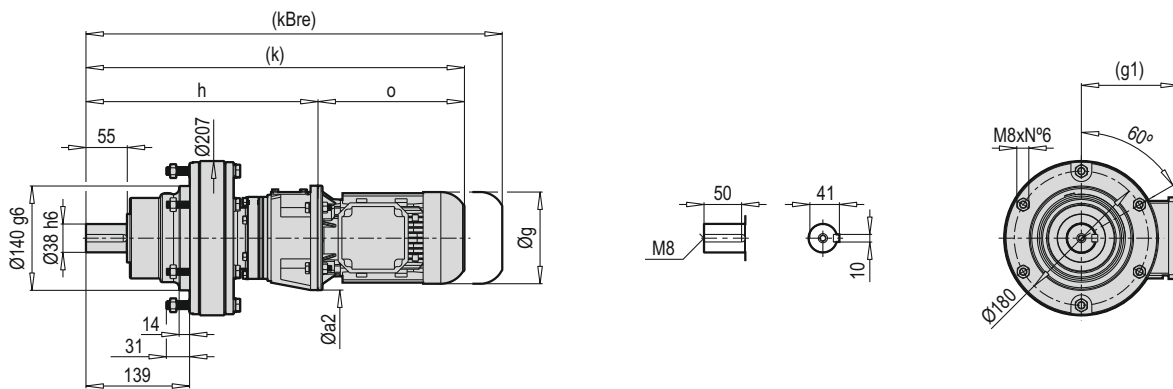
PCD 611-08 HCM



PCD 611-08 VCM

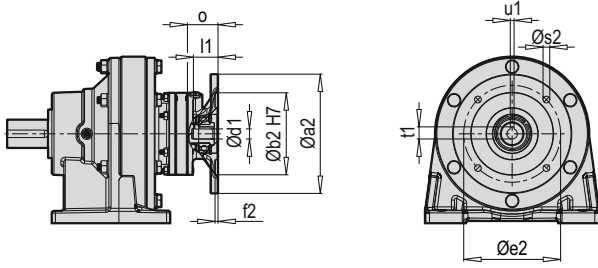


PCD 611-08 FCM

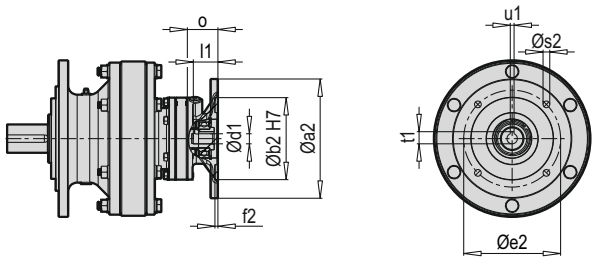


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-----|-----|-------|------|-------|
| 63 | 140 | 123 | 111 | 321 | 517.5 | 571 | 196.5 |
| 71 | 160 | 138 | 119 | 330 | 553 | 613 | 223 |

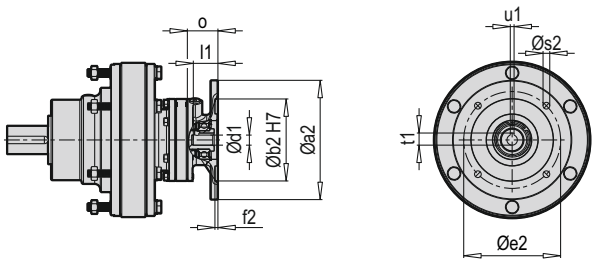
PCD 611-08 HX



PCD 611-08 VX



PCD 611-08 FX



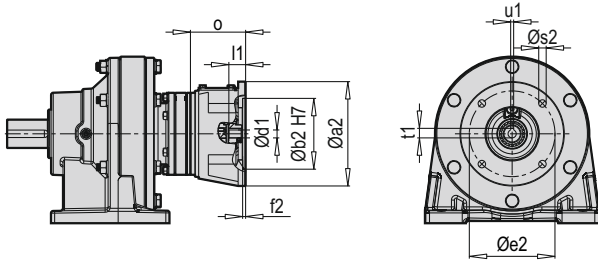
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|------|----|------|
| PCD 611-08 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 21 | 12.8 | 4 | 34.5 |
| | 71 | 160 | 110 | 130 | 4 | 9 | 14 | 25 | 16.3 | 5 | 41 |

| ~ Kg | | | |
|--------------------|----|----|----|
| PCD 611-08 X B5 | H | V | F |
| 63 | 28 | 27 | 24 |
| 71 | 28 | 27 | 24 |

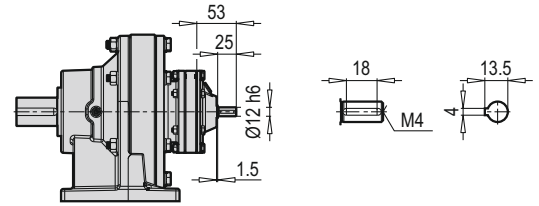
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|------|------|----|----|
| PCD 611-08 | 63 | 91 | 60 | 75 | 4 | 5.5 | 11 | 23.5 | 12.8 | 4 | 37 |
| | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 25 | 16.3 | 5 | 41 |

| ~ Kg | | | |
|---------------------|------|------|------|
| PCD 611-08 X B14 | H | V | F |
| 63 | 27.5 | 26.5 | 23.5 |
| 71 | 27.5 | 26.5 | 23.5 |

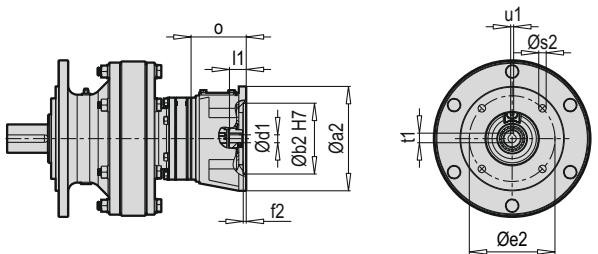
PCD 611-08 HC



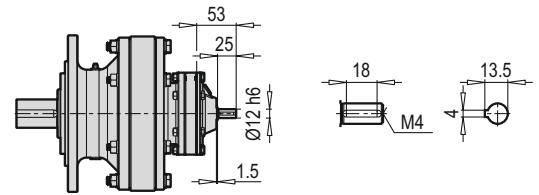
PCD 611-08 HW



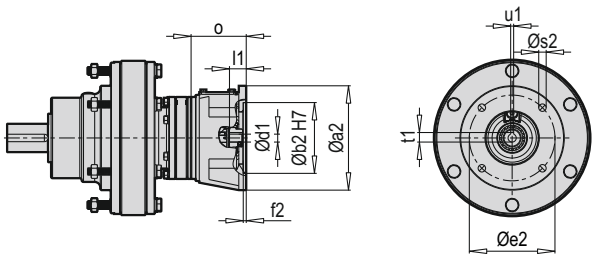
PCD 611-08 VC



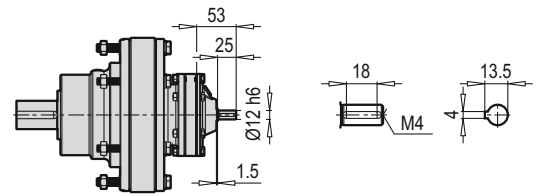
PCD 611-08 VW



PCD 611-08 FC



PCD 611-08 FW

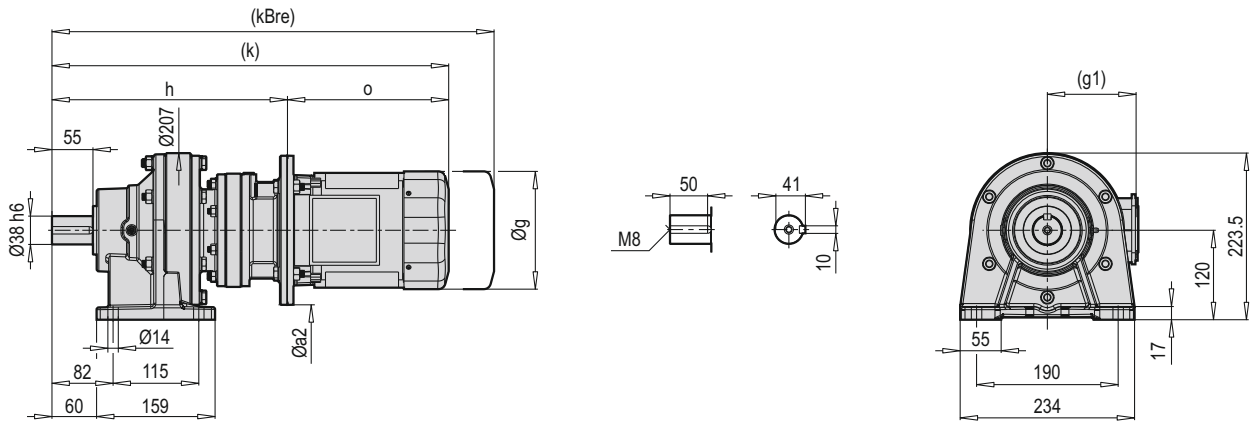


| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|------|------|----|----|
| PCD 611-08 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 22.5 | 12.8 | 4 | 74 |
| | 71 | 160 | 110 | 130 | 4 | 10 | 14 | 32 | 16.3 | 5 | 83 |

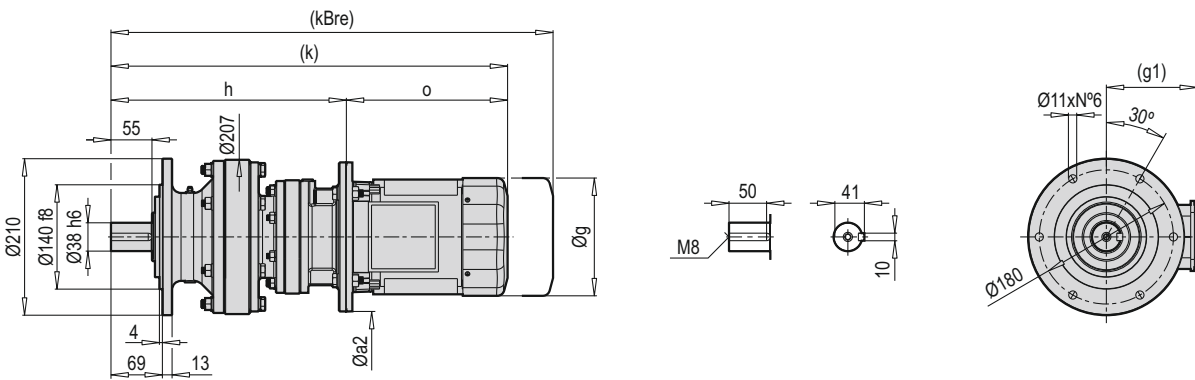
| ~ Kg | | | |
|-----------------|----|----|----|
| PCD 611-08 W | H | V | F |
| | 25 | 24 | 21 |

| ~ Kg | | | |
|--------------------|------|------|------|
| PCD 611-08 C B5 | H | V | F |
| 63 | 27.5 | 26.5 | 23.5 |
| 71 | 28 | 27 | 24 |

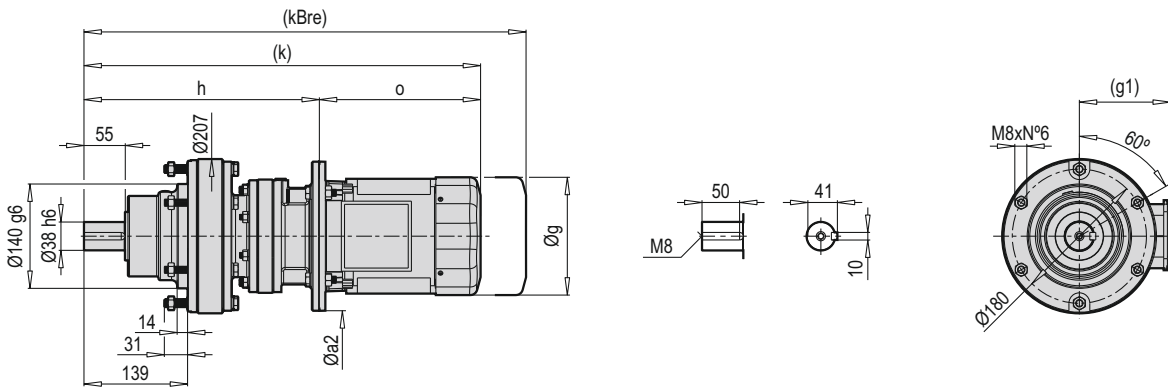
PCD 611-09 HXM



PCD 611-09 VXM

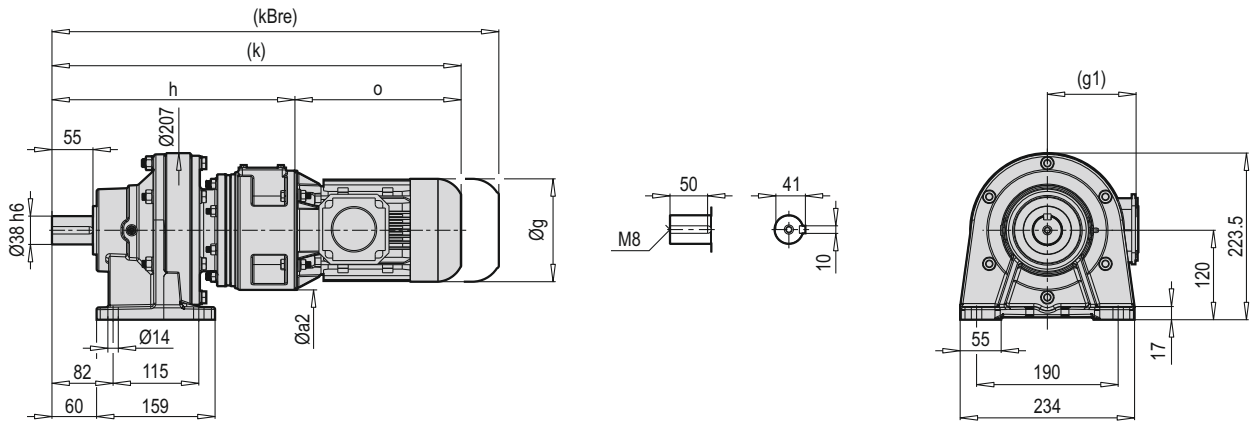


PCD 611-09 FXM

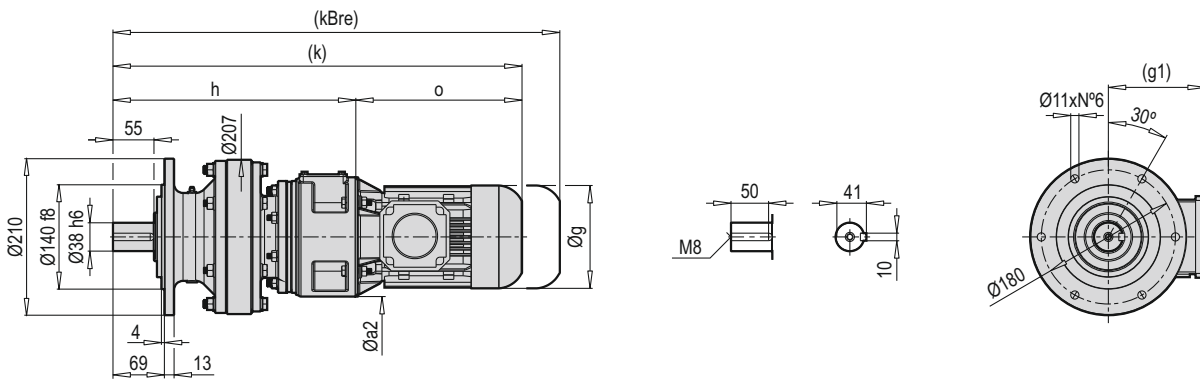


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-----|-----|-------|-------|-------|-------|-------|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 295 | 290 | 491.5 | 486.5 | 545 | 546 | 196.5 | 196.5 |
| 71 | 160 | 105 | 138 | 119 | 302 | 302 | 525 | 525 | 585 | 587.5 | 223 | 223 |
| 80 | 200 | 120 | 165 | 134.5 | 316 | 316 | 545 | 545 | 528.5 | 528.5 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 327 | 327 | 620 | 620 | 688.5 | 687.5 | 293 | 293 |

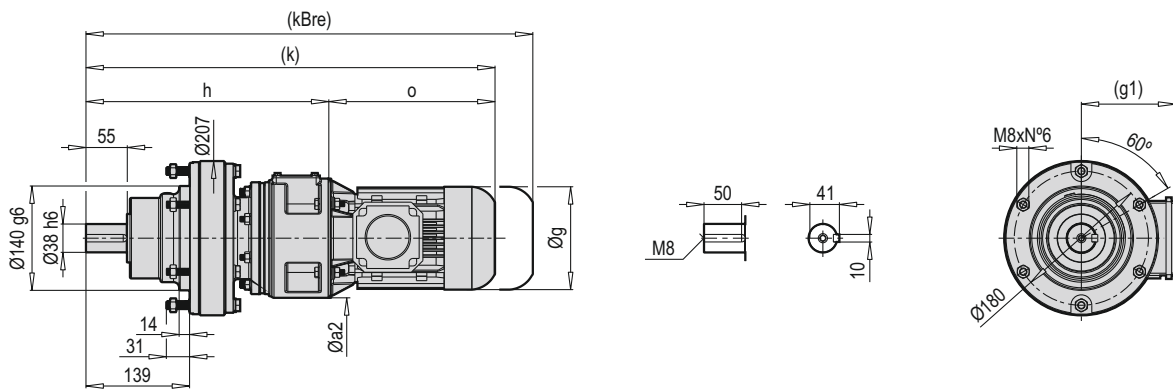
PCD 611-09 HCM



PCD 611-09 VCM

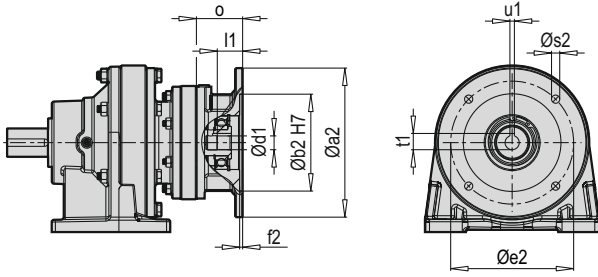


PCD 611-09 FCM

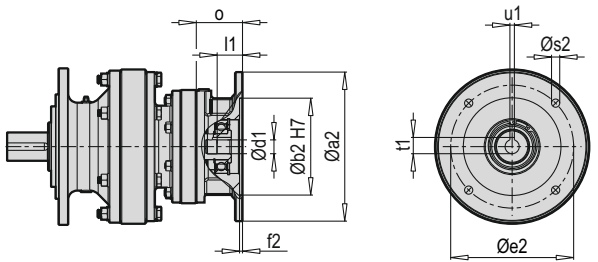


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-------|-------|-------|-------|
| 63 | 140 | 123 | 111 | 342 | 538.5 | 592 | 196.5 |
| 71 | 160 | 138 | 119 | 346.5 | 569.5 | 629.5 | 223 |
| 80 | 200 | 165 | 134.5 | 357 | 586 | 669.5 | 229 |
| 90 | 200 | 179 | 129 | 367 | 660 | 728.5 | 293 |

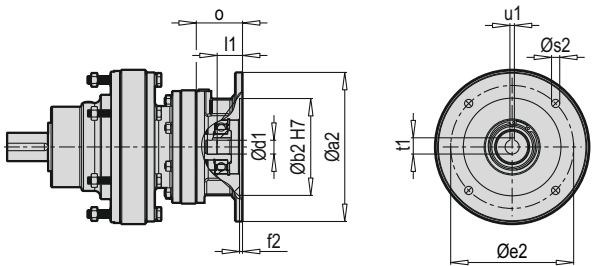
PCD 611-09 HX



PCD 611-09 VX



PCD 611-09 FX



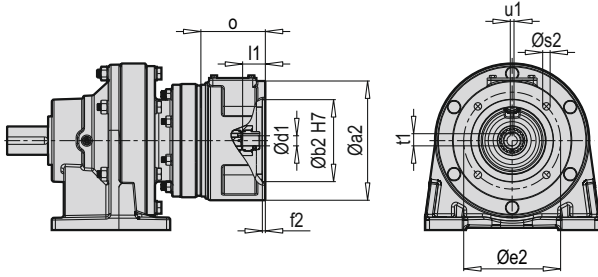
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|------|------|----|----|
| PCD 611-09 | 63 | 140 | 95 | 115 | 3.5 | 9 | 11 | 20.5 | 12.8 | 4 | 41 |
| | 71 | 160 | 110 | 130 | 4 | 9 | 14 | 25 | 16.3 | 5 | 48 |
| | 80 | 200 | 130 | 165 | 4 | 11 | 19 | 34 | 21.8 | 6 | 62 |
| | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 36 | 27.3 | 8 | 73 |

| ~ Kg | | | |
|--------------------|------|------|------|
| PCD 611-09 X B5 | H | V | F |
| 63 | 31.5 | 30.5 | 27.5 |
| 71 | 31.5 | 30.5 | 27.5 |
| 80 | 33 | 32 | 29 |
| 90 | 33 | 32 | 29 |

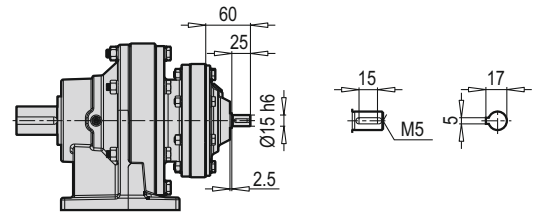
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|------|------|----|----|
| PCD 611-09 | 63 | 91 | 60 | 75 | 3.5 | 5.5 | 11 | 20.5 | 12.8 | 4 | 41 |
| | 71 | 105 | 70 | 85 | 3 | 6.6 | 14 | 25 | 16.3 | 5 | 48 |
| | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 34 | 21.8 | 6 | 62 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 36 | 27.3 | 8 | 73 |

| ~ Kg | | | |
|---------------------|----|----|----|
| PCD 611-09 X B14 | H | V | F |
| 63 | 31 | 30 | 27 |
| 71 | 31 | 30 | 27 |
| 80 | 32 | 31 | 28 |
| 90 | 32 | 31 | 28 |

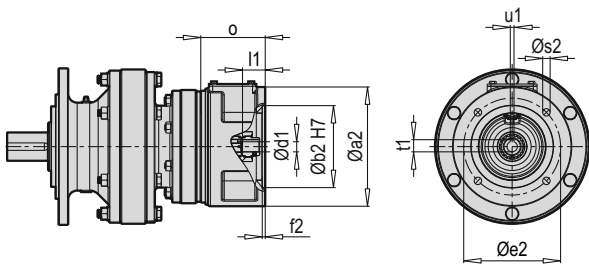
PCD 611-09 HC



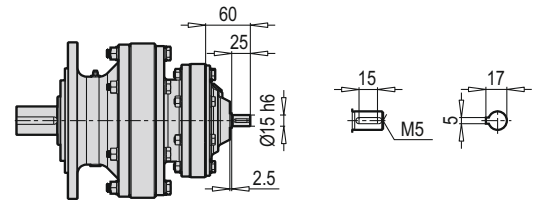
PCD 611-09 HW



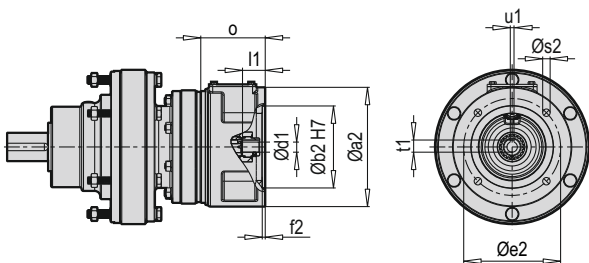
PCD 611-09 VC



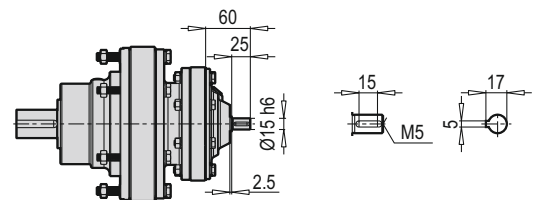
PCD 611-09 VW



PCD 611-09 FC



PCD 611-09 FW

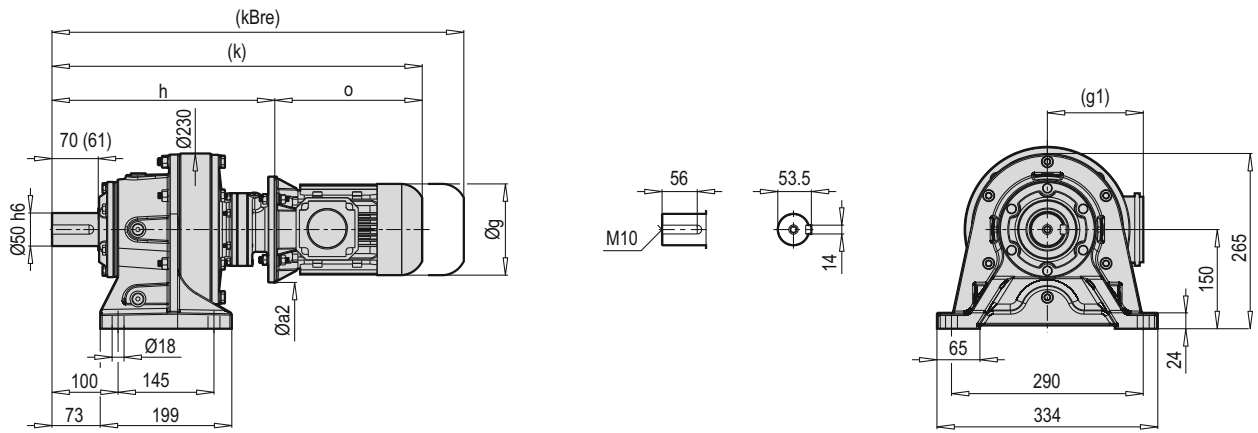


| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|------|------|----|------|
| PCD 611-09 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 23.5 | 12.8 | 4 | 82 |
| | 71 | 160 | 110 | 130 | 4 | 10 | 14 | 30.5 | 16.3 | 5 | 86.5 |
| | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 40 | 21.8 | 6 | 97 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 107 |

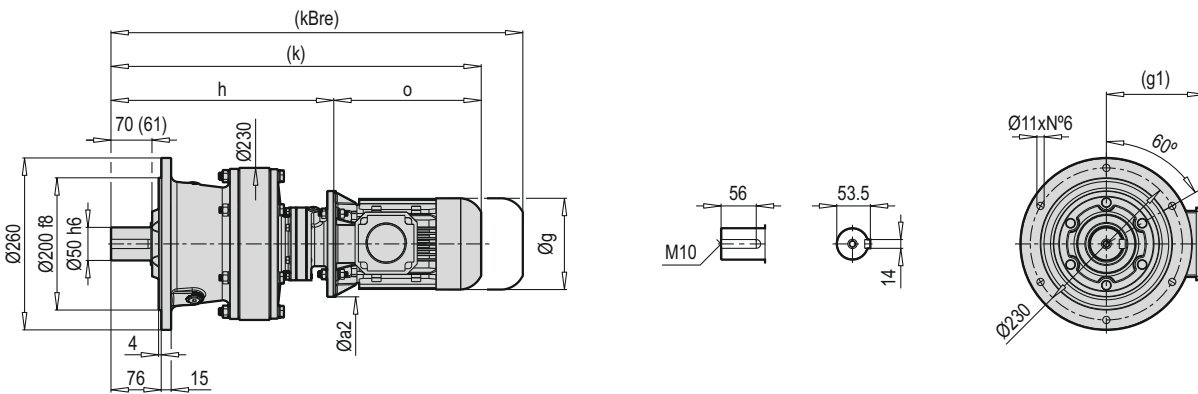
| ~ Kg | | | |
|-----------------|----|----|----|
| PCD 611-09 W | H | V | F |
| | 30 | 29 | 26 |

| ~ Kg | | | |
|--------------------|------|------|------|
| PCD 611-09 C B5 | H | V | F |
| 63 | 33.5 | 32.5 | 29.5 |
| 71 | 34 | 33 | 30 |
| 80 | 35.5 | 34.5 | 31.5 |
| 90 | 35.5 | 34.5 | 31.5 |

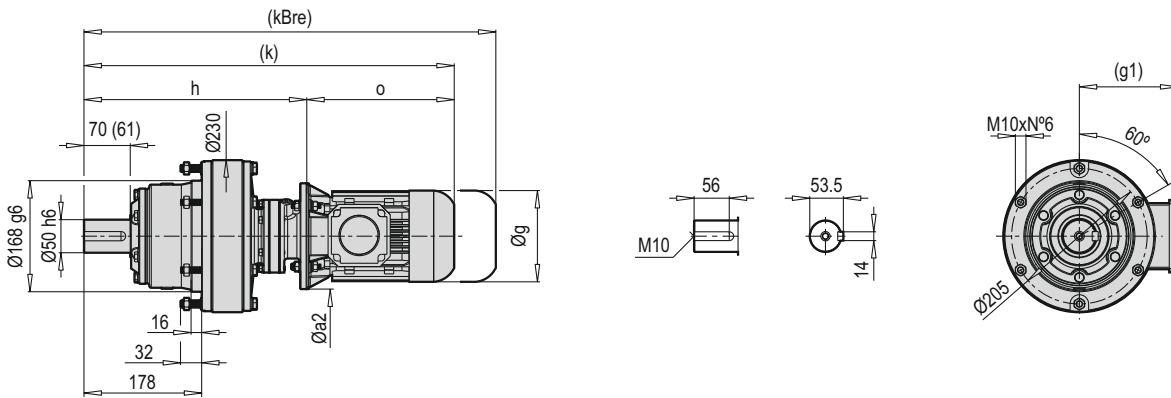
PCD 613-08 HXM



PCD 613-08 VXM



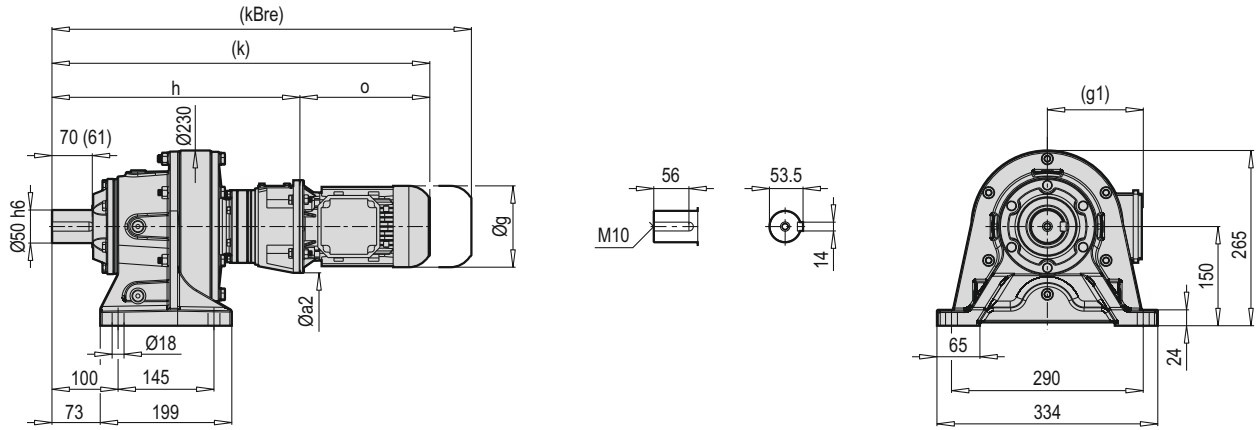
PCD 613-08 FXM



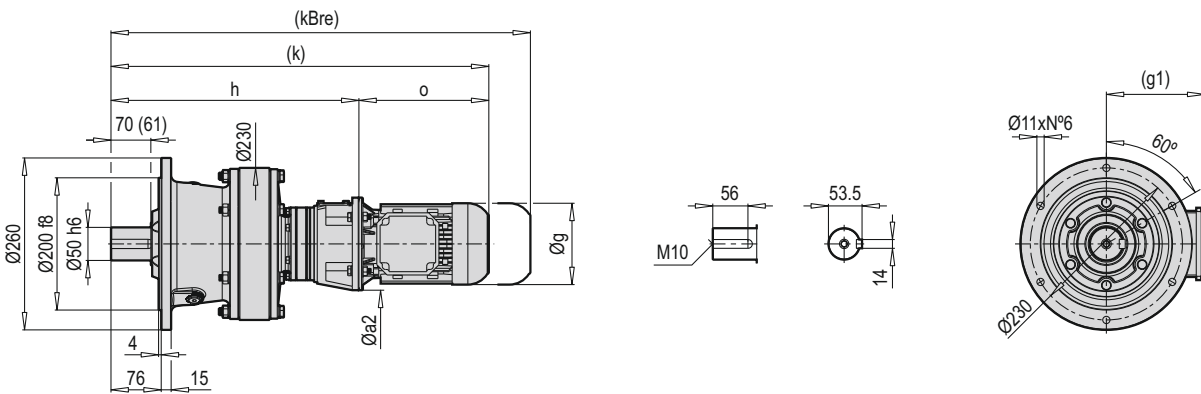
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-----|-------|-----|-----|-------|-------|-------|-------|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 330.5 | 333 | 527 | 529.5 | 580.5 | 589 | 196.5 | 196.5 |
| 71 | 160 | 105 | 138 | 119 | 337 | 337 | 560 | 560 | 620 | 622.5 | 223 | 223 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

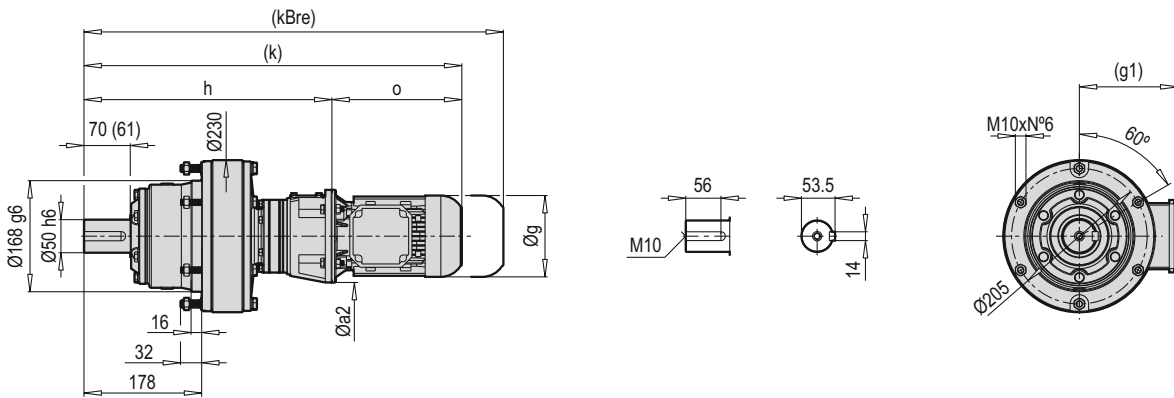
PCD 613-08 HCM



PCD 613-08 VCM



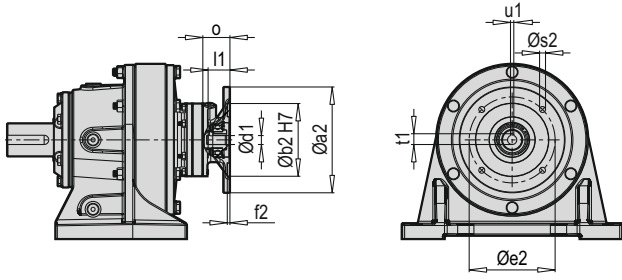
PCD 613-08 FCM



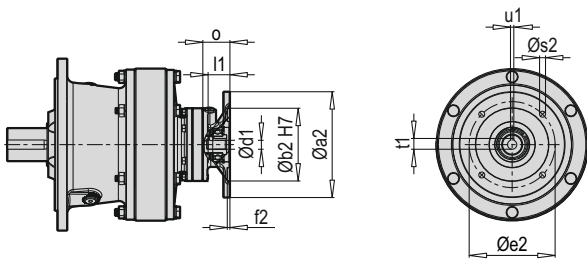
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-----|-----|-------|------|-------|
| 63 | 140 | 123 | 111 | 375 | 571.5 | 625 | 196.5 |
| 71 | 160 | 138 | 119 | 384 | 607 | 667 | 223 |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

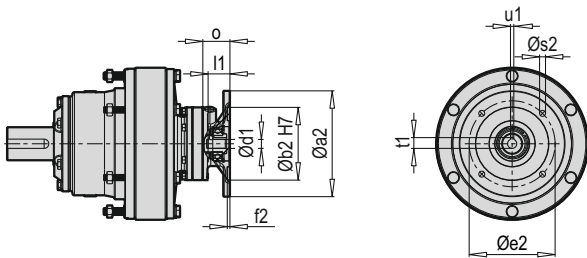
PCD 613-08 HX



PCD 613-08 VX



PCD 613-08 FX



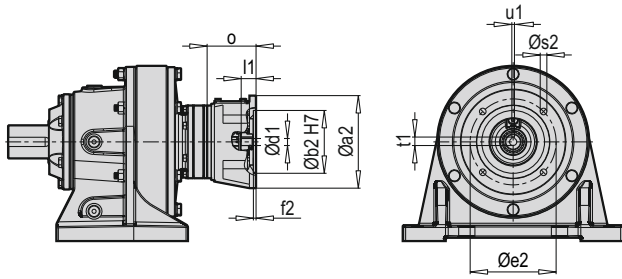
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|------|----|------|
| PCD 613-08 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 21 | 12.8 | 4 | 34.5 |
| | 71 | 160 | 110 | 130 | 4 | 9 | 14 | 25 | 16.3 | 5 | 41 |

| ~ Kg | | | |
|--------------------|----|----|----|
| PCD 613-08 X B5 | H | V | F |
| 63 | 44 | 43 | 37 |
| 71 | 44 | 43 | 37 |

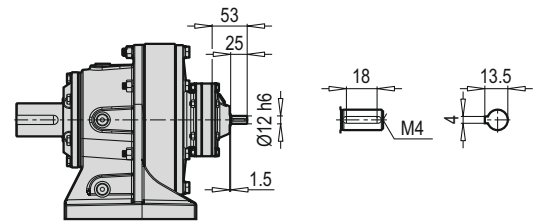
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|------|------|----|----|
| PCD 613-08 | 63 | 91 | 60 | 75 | 4 | 5.5 | 11 | 23.5 | 12.8 | 4 | 37 |
| | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 25 | 16.3 | 5 | 41 |

| ~ Kg | | | |
|---------------------|------|------|------|
| PCD 613-08 X B14 | H | V | F |
| 63 | 43.5 | 42.5 | 36.5 |
| 71 | 43.5 | 42.5 | 36.5 |

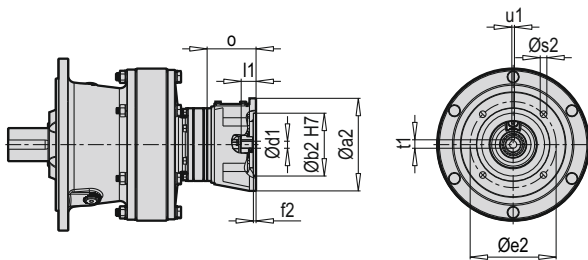
PCD 613-08 HC



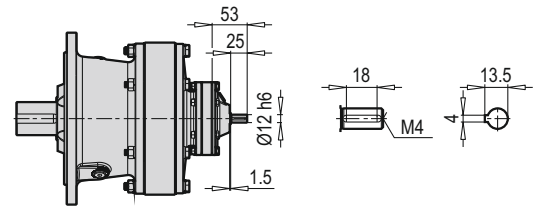
PCD 613-08 HW



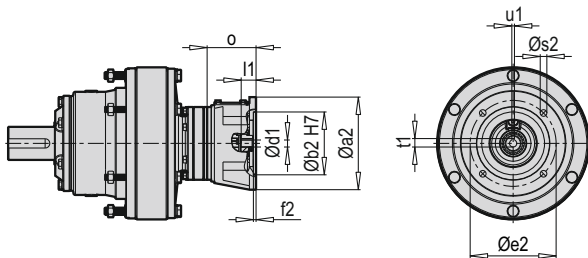
PCD 613-08 VC



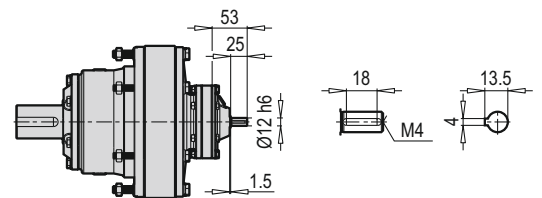
PCD 613-08 VW



PCD 613-08 FC



PCD 613-08 FW

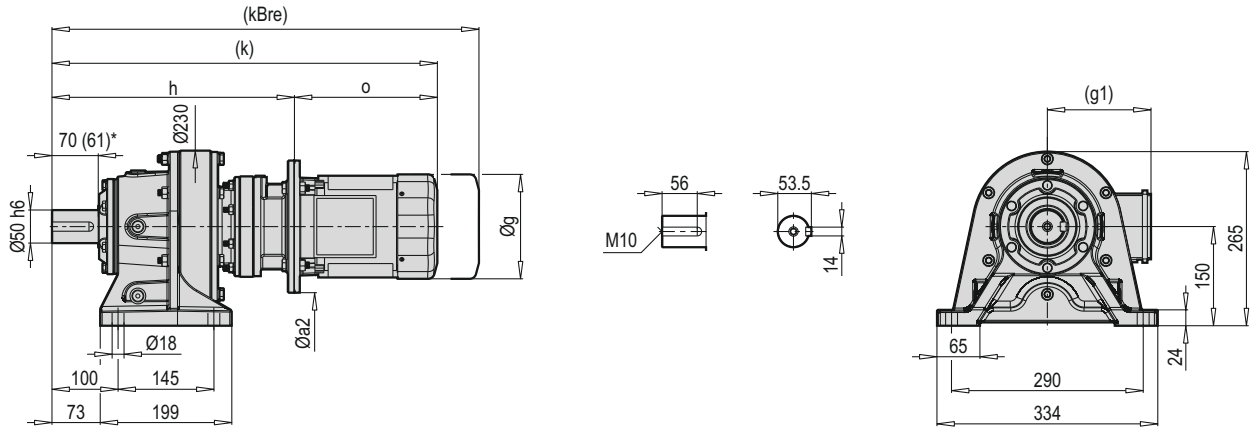


| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|------|------|----|----|
| PCD 613-08 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 22.5 | 12.8 | 4 | 74 |
| | 71 | 160 | 110 | 130 | 4 | 10 | 14 | 32 | 16.3 | 5 | 83 |

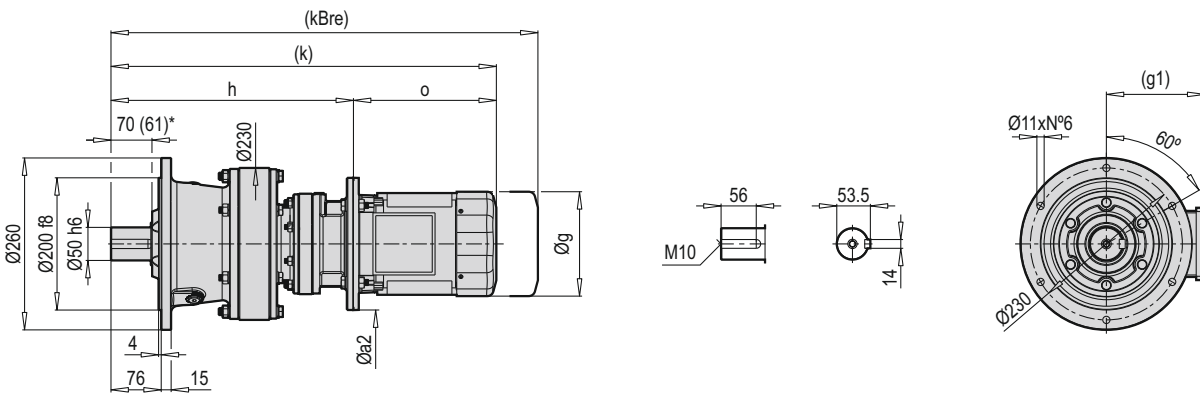
| ~ Kg | | | |
|-----------------|----|----|----|
| PCD 613-08 W | H | V | F |
| | 42 | 41 | 35 |

| ~ Kg | | | |
|--------------------|------|------|------|
| PCD 613-08 C B5 | H | V | F |
| 63 | 44.5 | 43.5 | 37.5 |
| 71 | 45 | 44 | 38 |

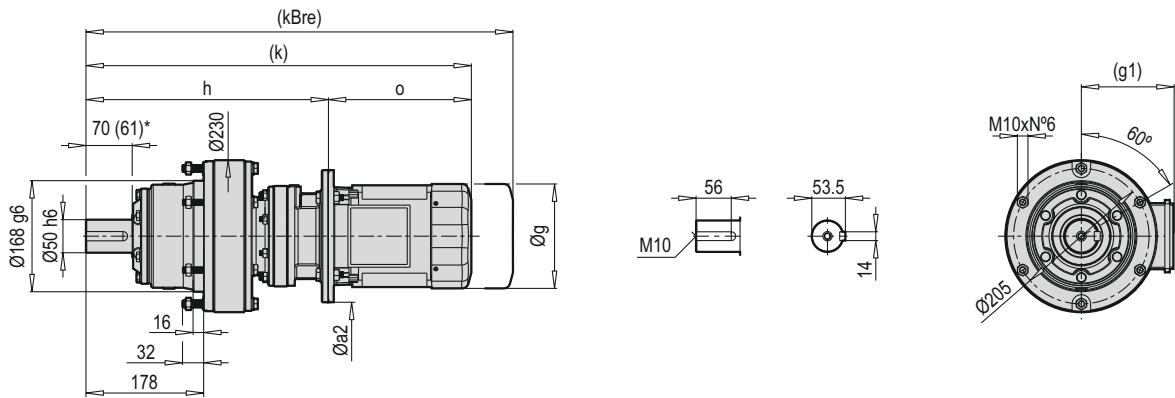
PCD 613-09 HXM



PCD 613-09 VXM



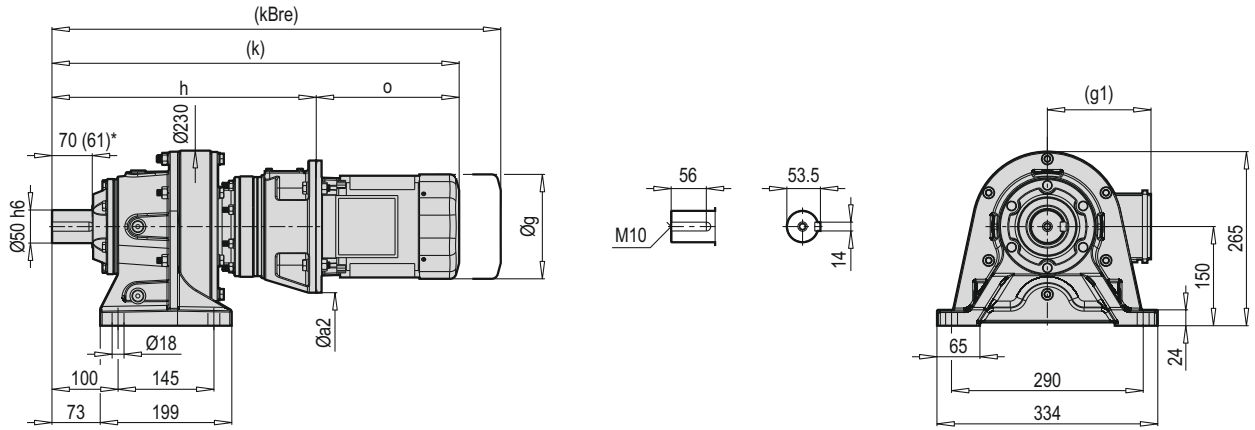
PCD 613-09 FXM



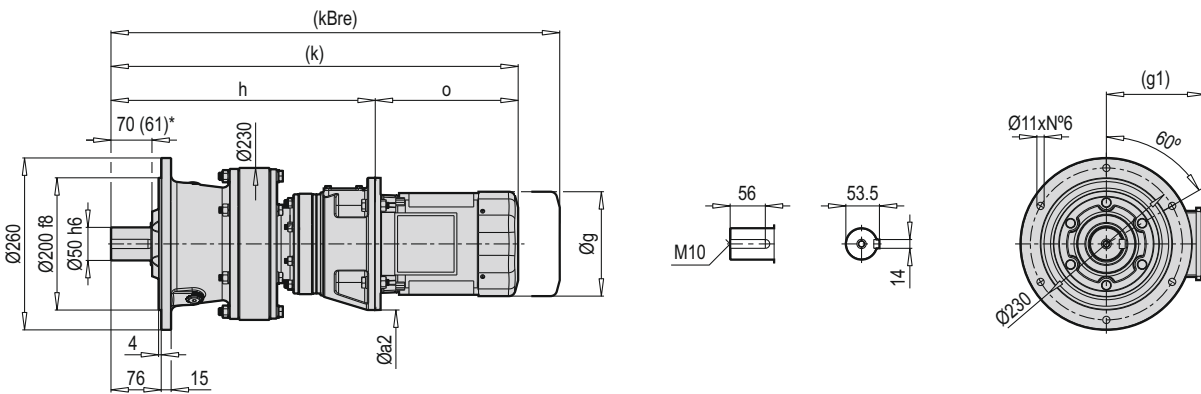
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 330.5 | 337 | 527 | 533.5 | 580.5 | 593 | 196.5 | 196.5 |
| 71 | 160 | 105 | 138 | 119 | 337 | 344 | 560 | 567 | 620 | 629.5 | 223 | 223 |
| 80 | 200 | 120 | 165 | 134.5 | 367 | 358 | 596 | 587 | 679.5 | 670.5 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 373.5 | 373.5 | 666.5 | 666.5 | 719.5 | 734 | 293 | 293 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donné pour position M4. / (*) Dado para la posición M4.

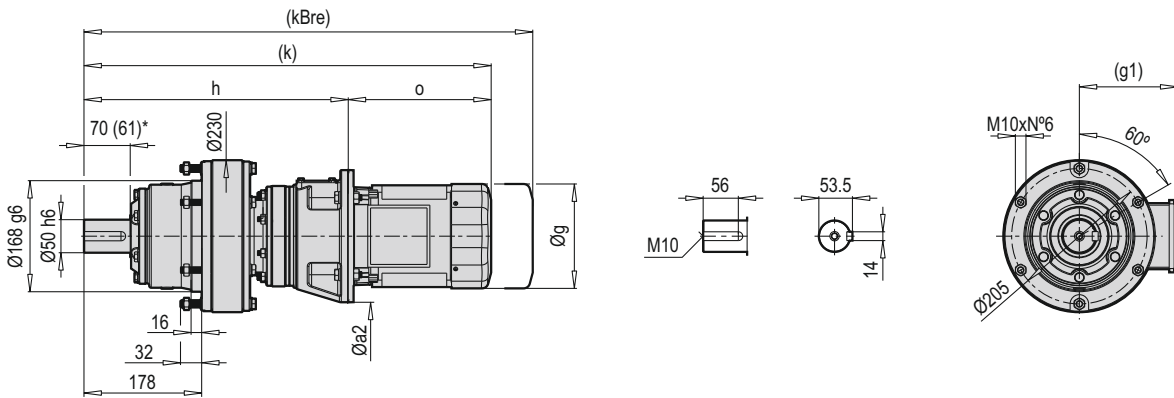
PCD 613-09 HCM



PCD 613-09 VCM



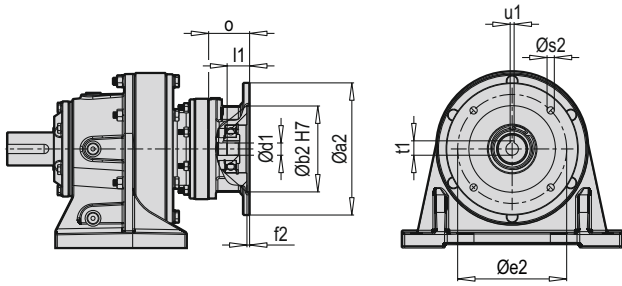
PCD 613-09 FCM



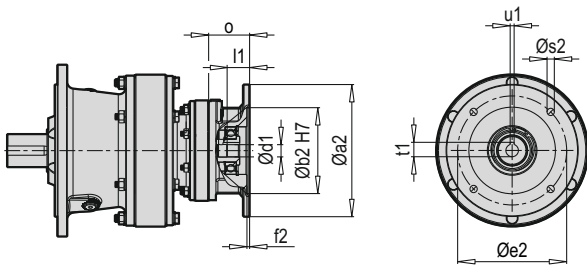
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-------|-------|-------|-------|
| 63 | 140 | 123 | 111 | 393 | 598.5 | 643 | 196.5 |
| 71 | 160 | 138 | 119 | 397.5 | 620.5 | 680.5 | 223 |
| 80 | 200 | 165 | 134.5 | 408 | 637 | 720.5 | 229 |
| 90 | 200 | 179 | 129 | 418 | 711 | 779.5 | 293 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donné pour position M4. / (*) Dado para la posición M4.

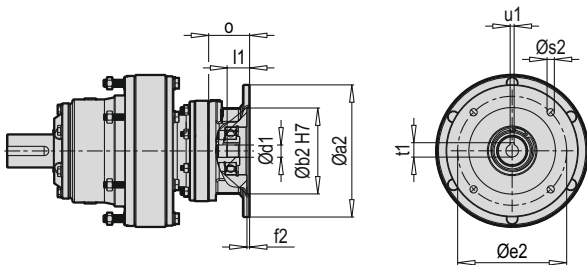
PCD 613-09 HX



PCD 613-09 VX



PCD 613-09 FX



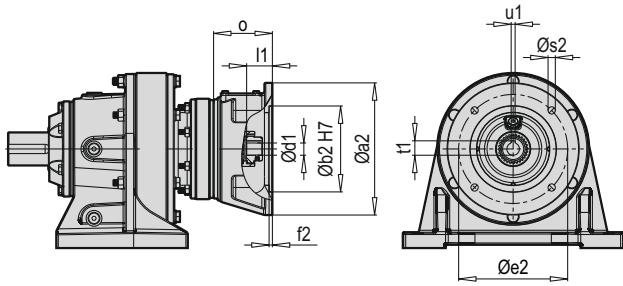
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|------|------|----|----|
| PCD 613-09 | 63 | 140 | 95 | 115 | 3.5 | 9 | 11 | 20.5 | 12.8 | 4 | 41 |
| | 71 | 160 | 110 | 130 | 4 | 9 | 14 | 25 | 16.3 | 5 | 48 |
| | 80 | 200 | 130 | 165 | 4 | 11 | 19 | 34 | 21.8 | 6 | 62 |
| | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 36 | 27.3 | 8 | 73 |

| ~ Kg | | | |
|--------------------|------|------|------|
| PCD 613-09 X B5 | H | V | F |
| 63 | 47.5 | 46.5 | 40.5 |
| 71 | 47.5 | 46.5 | 40.5 |
| 80 | 49 | 48 | 42 |
| 90 | 49 | 48 | 42 |

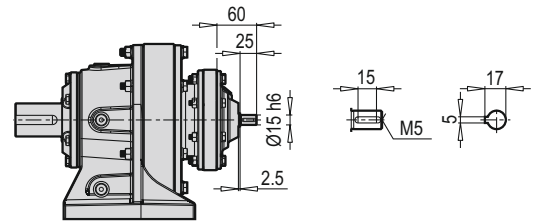
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|------|------|----|----|
| PCD 613-09 | 63 | 91 | 60 | 75 | 3.5 | 5.5 | 11 | 20.5 | 12.8 | 4 | 41 |
| | 71 | 105 | 70 | 85 | 3 | 6.6 | 14 | 25 | 16.3 | 5 | 48 |
| | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 34 | 21.8 | 6 | 62 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 36 | 27.3 | 8 | 73 |

| ~ Kg | | | |
|---------------------|----|----|----|
| PCD 613-09 X B14 | H | V | F |
| 63 | 47 | 46 | 40 |
| 71 | 47 | 46 | 40 |
| 80 | 48 | 47 | 41 |
| 90 | 48 | 47 | 41 |

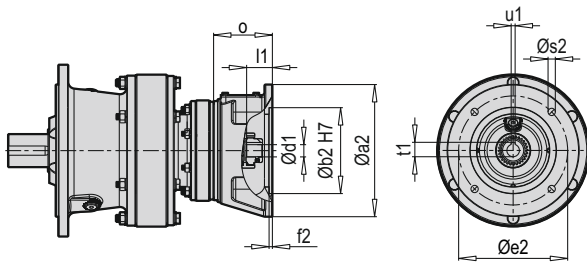
PCD 613-09 HC



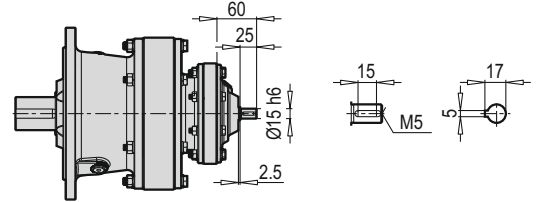
PCD 613-09 HW



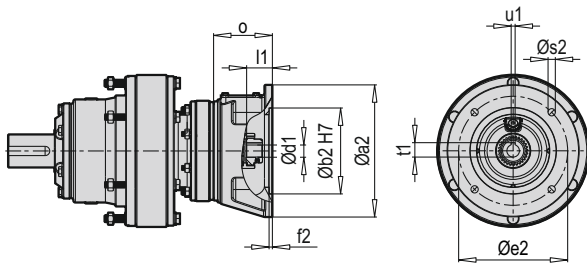
PCD 613-09 VC



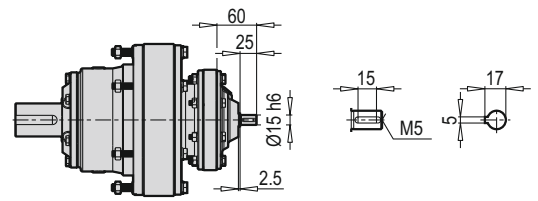
PCD 613-09 VW



PCD 613-09 FC



PCD 613-09 FW

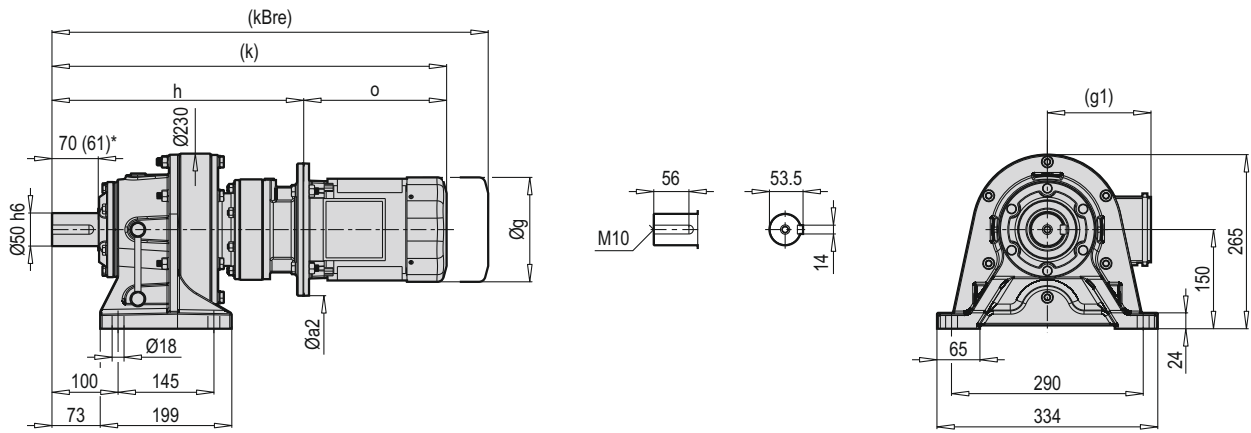


| ~ Kg | | | |
|--------------|----|----|----|
| PCD 613-09 W | H | V | F |
| | 45 | 45 | 38 |

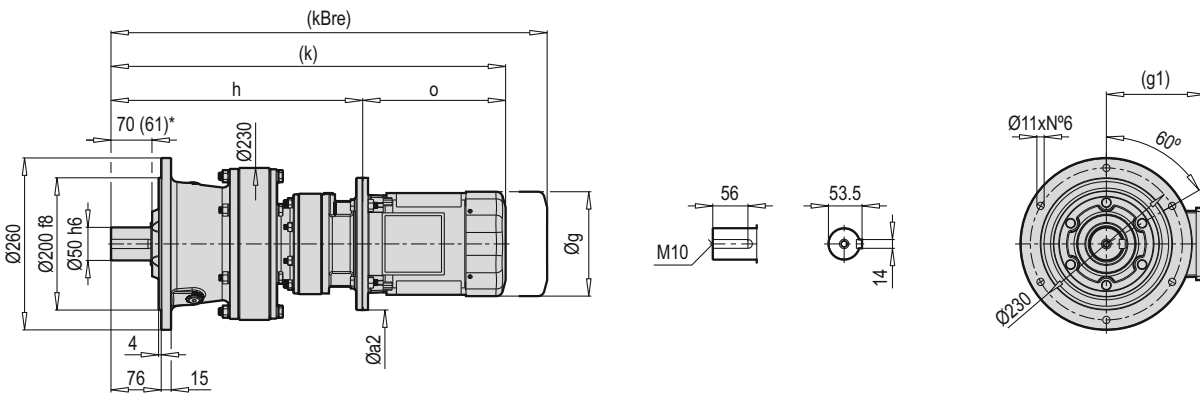
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|------|------|----|------|
| PCD 613-09 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 23.5 | 12.8 | 4 | 82 |
| | 71 | 160 | 110 | 130 | 4 | 10 | 14 | 30.5 | 16.3 | 5 | 86.5 |
| | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 40 | 21.8 | 6 | 97 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 107 |

| ~ Kg | | | |
|-----------------|------|------|------|
| PCD 613-09 C B5 | H | V | F |
| 63 | 48.5 | 48.5 | 41.5 |
| 71 | 49 | 49 | 42 |
| 80 | 50.5 | 50.5 | 43.5 |
| 90 | 50.5 | 50.5 | 43.5 |

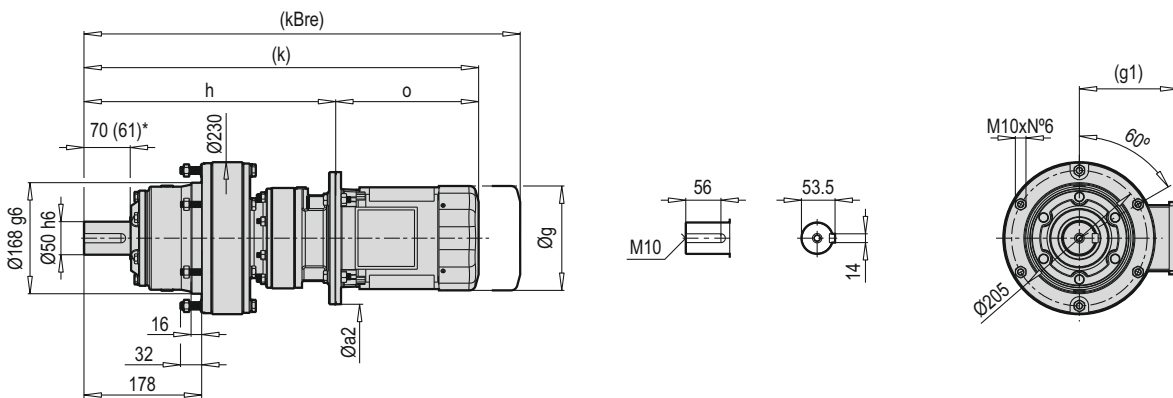
PCD 613-10 HXM



PCD 613-10 VXM



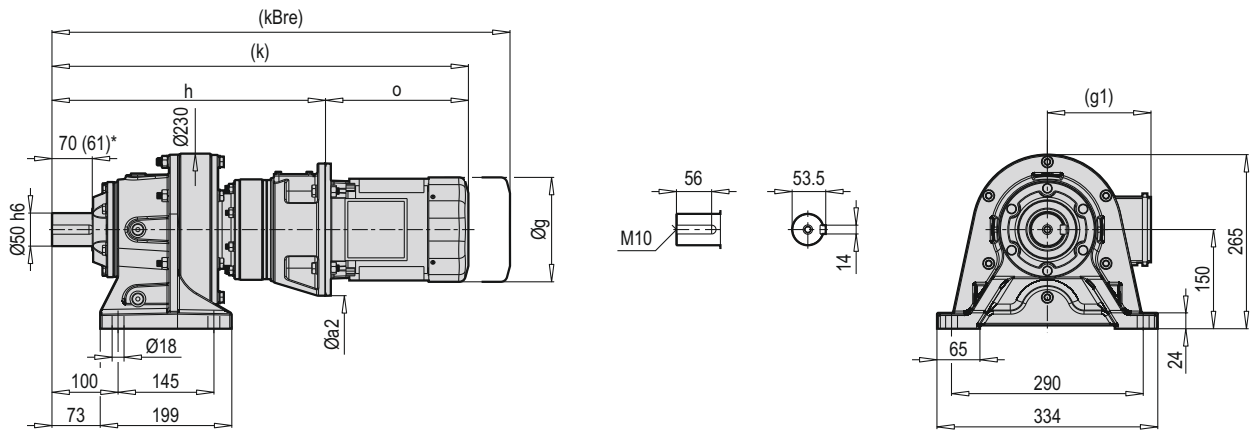
PCD 613-10 FXM



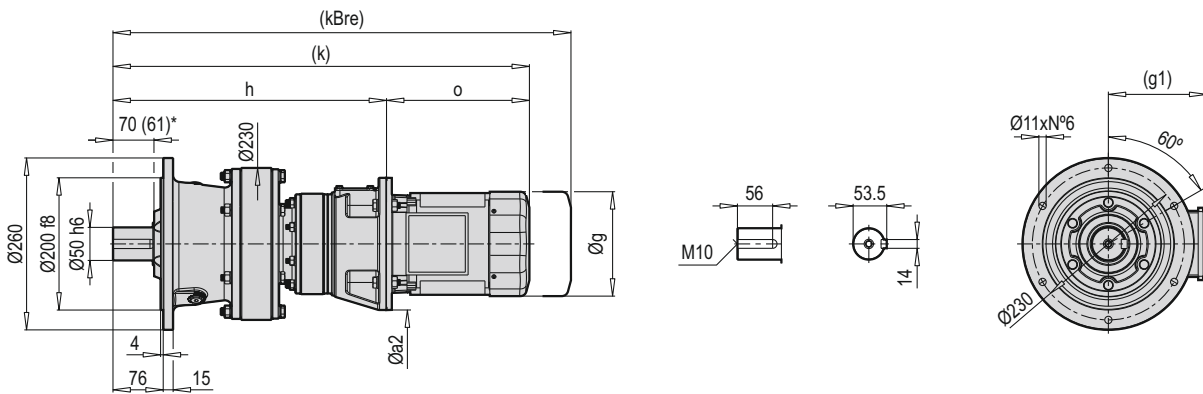
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|-----|-----|-------|-------|-------|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 351.5 | 351.5 | 548 | 548 | 601.5 | 607.5 | 196.5 | 196.5 |
| 71 | 160 | 105 | 138 | 119 | 364 | 364 | 587 | 587 | 647 | 649.5 | 223 | 223 |
| 80 | 200 | 120 | 165 | 134.5 | 366 | 366 | 595 | 595 | 678.5 | 678.5 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 384 | 384 | 677 | 677 | 745.5 | 744.5 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 396 | 396 | 736 | 736 | 819 | 819 | 340 | 340 |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

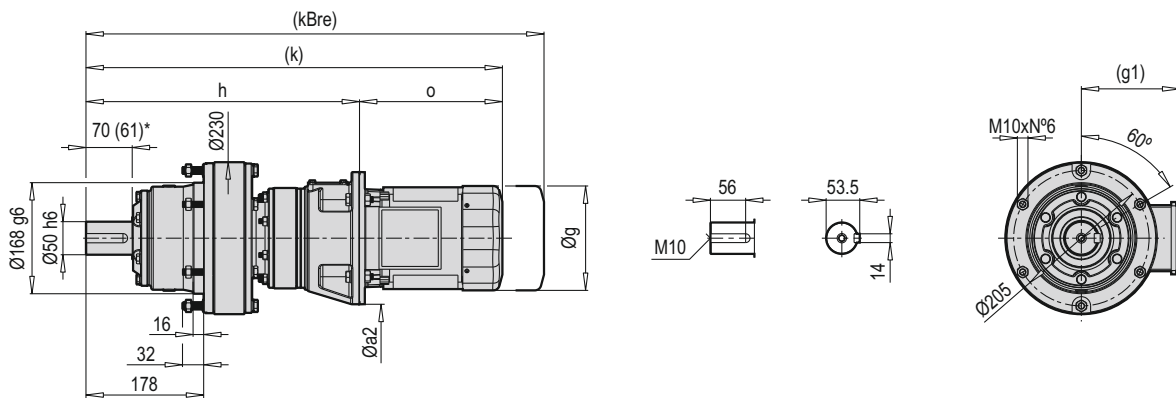
PCD 613-10 HCM



PCD 613-10 VCM



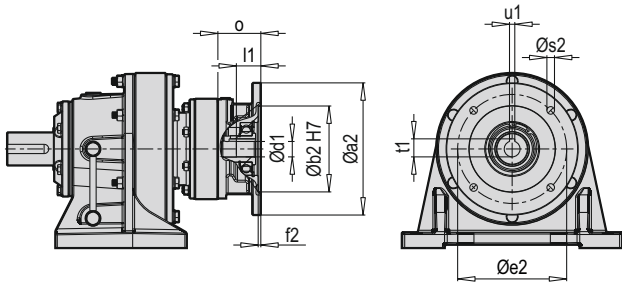
PCD 613-10 FCM



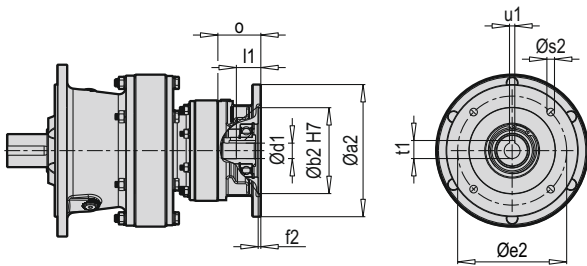
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-------|-------|-------|-------|
| 63 | 140 | 123 | 111 | 399 | 595.5 | 649 | 196.5 |
| 71 | 160 | 138 | 119 | 404 | 627 | 687 | 223 |
| 80 | 200 | 165 | 134.5 | 414 | 643 | 726.5 | 229 |
| 90 | 200 | 179 | 129 | 424 | 717 | 785.5 | 293 |
| 100 | 250 | 199 | 154.5 | 440.5 | 780.5 | 863.5 | 340 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

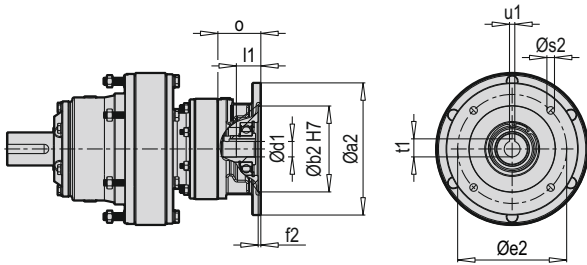
PCD 613-10 HX



PCD 613-10 VX



PCD 613-10 FX



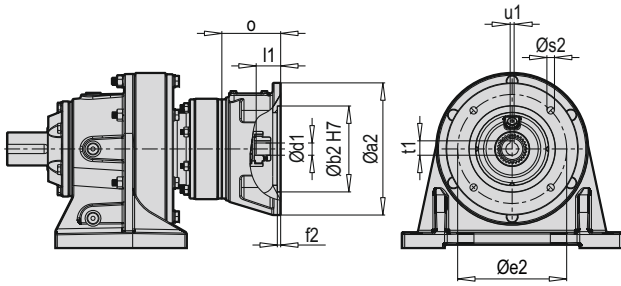
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|------|------|----|------|
| PCD 613-10 | 63 | 140 | 95 | 115 | 4 | M8 | 11 | 19.5 | 12.8 | 4 | 32.5 |
| | 71 | 160 | 110 | 130 | 4 | M8 | 14 | 30 | 16.3 | 5 | 45 |
| | 80 | 200 | 130 | 165 | 4 | 11 | 19 | 34 | 21.8 | 6 | 47 |
| | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 37 | 27.3 | 8 | 65 |
| | 100 | 250 | 180 | 215 | 4.5 | 14 | 28 | 46 | 31.3 | 8 | 77 |

| ~ Kg | | | |
|--------------------|------|------|------|
| PCD 613-10 X B5 | H | V | F |
| 63 | 47.5 | 46.5 | 40.5 |
| 71 | 47.5 | 46.5 | 40.5 |
| 80 | 49 | 48 | 42 |
| 90 | 49 | 48 | 42 |
| 100 | 50 | 49 | 43 |

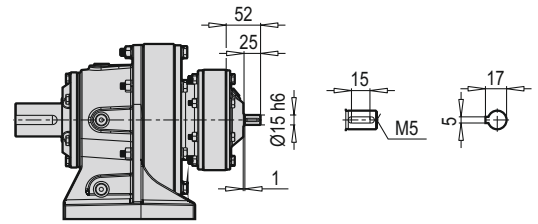
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|------|------|----|------|
| PCD 613-10 | 63 | 91 | 60 | 75 | 4 | 6 | 11 | 19.5 | 12.8 | 4 | 32.5 |
| | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 30 | 16.3 | 5 | 45 |
| | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 34 | 21.8 | 6 | 47 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 37 | 27.3 | 8 | 65 |
| | 100 | 160 | 110 | 130 | 4.5 | 9 | 28 | 46 | 31.3 | 8 | 77 |

| ~ Kg | | | |
|---------------------|----|----|----|
| PCD 613-10 X B14 | H | V | F |
| 63 | 47 | 46 | 40 |
| 71 | 47 | 46 | 40 |
| 80 | 48 | 47 | 41 |
| 90 | 48 | 47 | 41 |
| 100 | 49 | 48 | 42 |

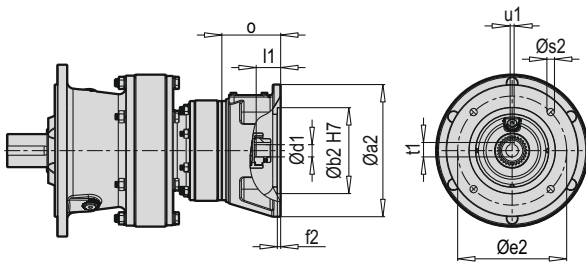
PCD 613-10 HC



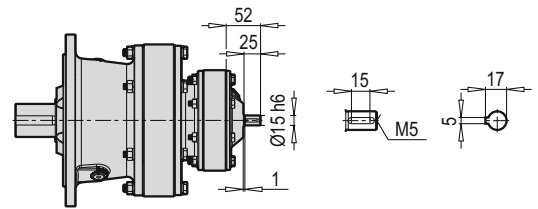
PCD 613-10 HW



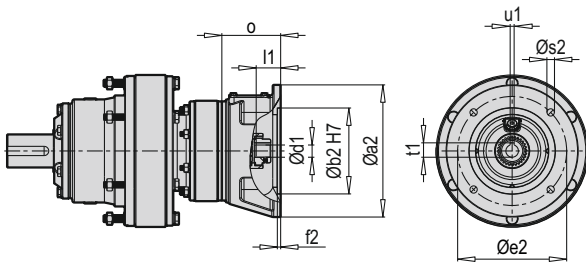
PCD 613-10 VC



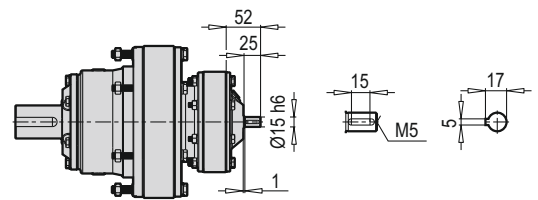
PCD 613-10 VW



PCD 613-10 FC



PCD 613-10 FW

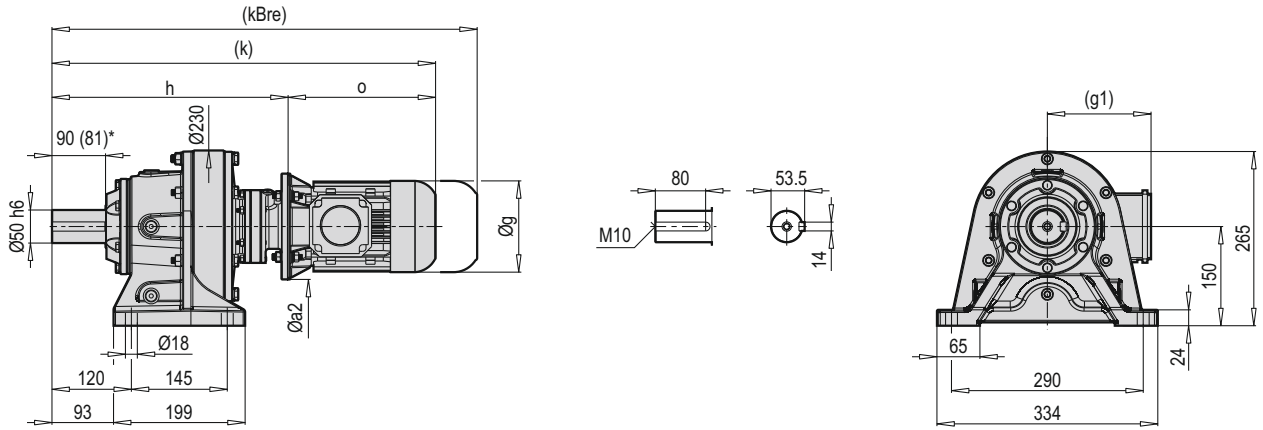


| ~ Kg | | | |
|--------------|----|----|----|
| PCD 613-10 W | H | V | F |
| | 46 | 46 | 39 |

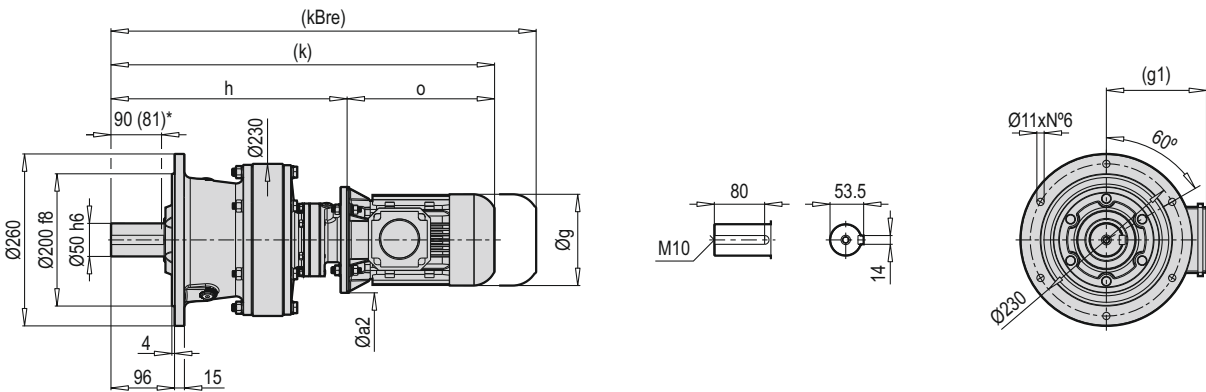
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|------|------|----|-------|
| PCD 613-10 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 24 | 12.8 | 4 | 74 |
| | 71 | 160 | 110 | 130 | 4 | 10 | 14 | 31 | 16.3 | 5 | 79 |
| | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 40 | 21.8 | 6 | 89 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 99 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 61.5 | 31.3 | 8 | 115.5 |

| ~ Kg | | | |
|-----------------|------|------|------|
| PCD 613-10 C B5 | H | V | F |
| 63 | 49.5 | 49.5 | 42.5 |
| 71 | 50 | 50 | 43 |
| 80 | 51.5 | 51.5 | 44.5 |
| 90 | 51.5 | 51.5 | 44.5 |
| 100 | 54 | 54 | 47 |

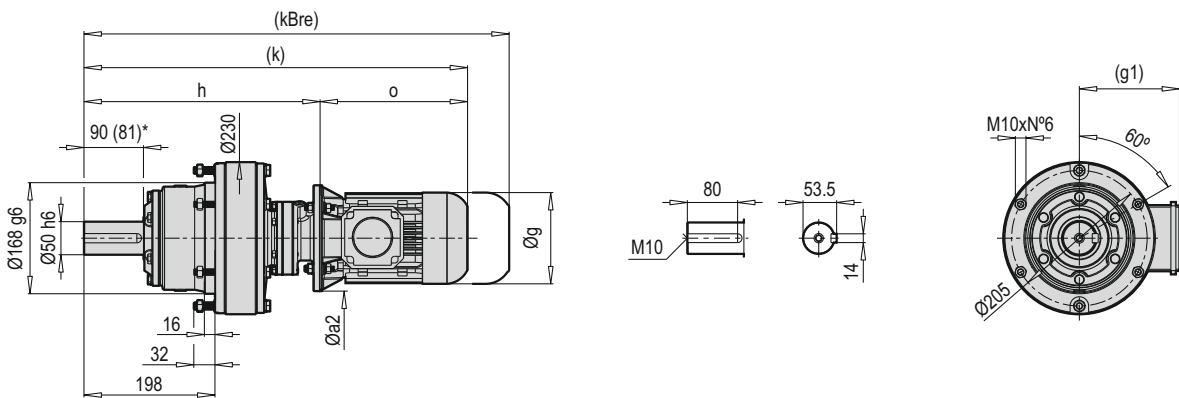
PCD 614-08 HXM



PCD 614-08 VXM



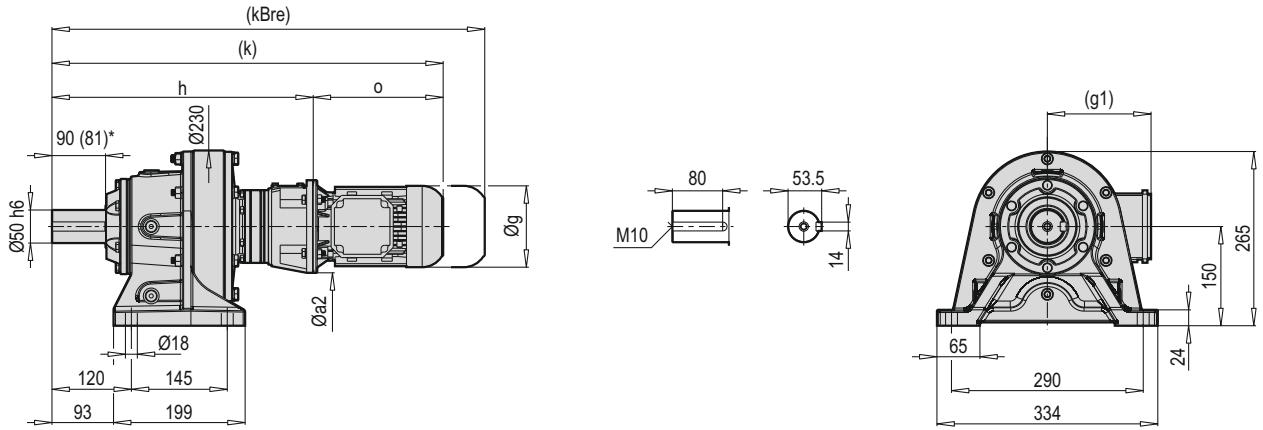
PCD 614-08 FXM



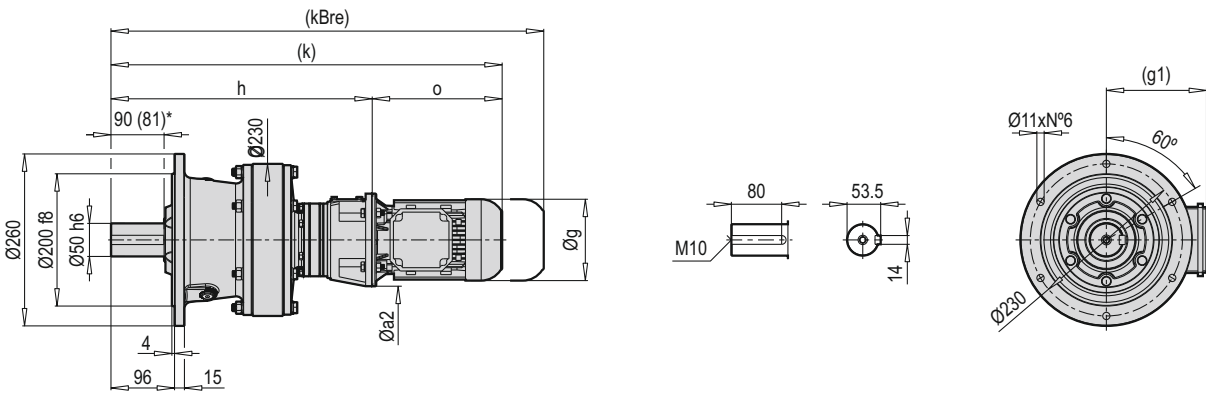
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-----|-------|-----|-----|-------|-------|-------|-------|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 360.5 | 353 | 557 | 549.5 | 610.5 | 609 | 196.5 | 196.5 |
| 71 | 160 | 105 | 138 | 119 | 357 | 357 | 580 | 580 | 640 | 642.5 | 223 | 223 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

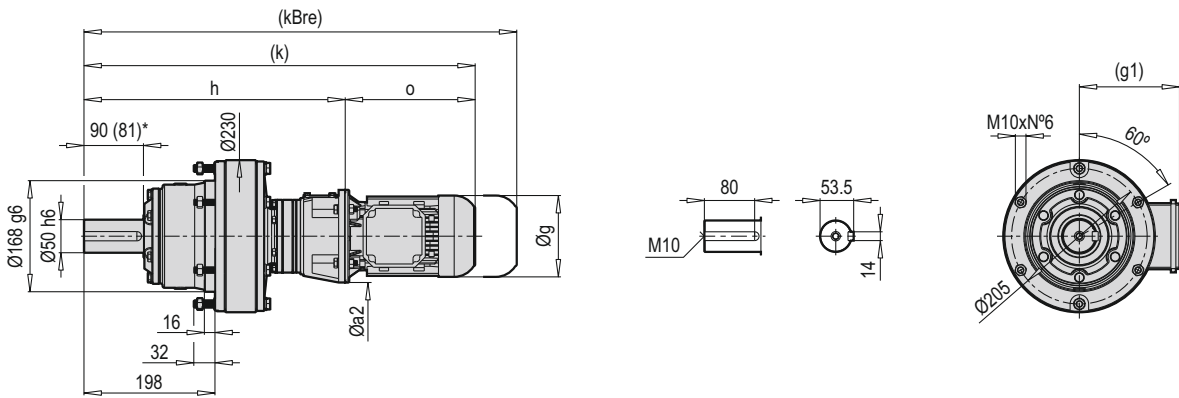
PCD 614-08 HCM



PCD 614-08 VCM



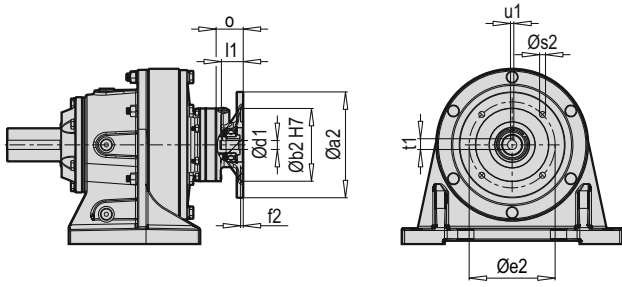
PCD 614-08 FCM



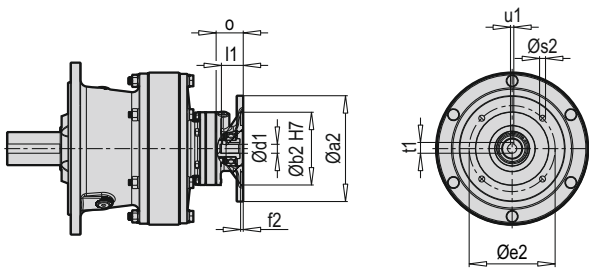
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-----|-----|-------|------|-------|
| 63 | 140 | 123 | 111 | 395 | 591.5 | 645 | 196.5 |
| 71 | 160 | 138 | 119 | 404 | 627 | 687 | 223 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

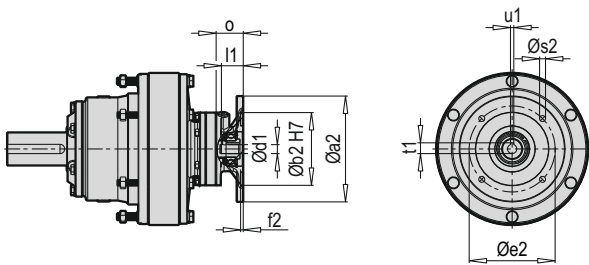
PCD 614-08 HX



PCD 614-08 VX



PCD 614-08 FX



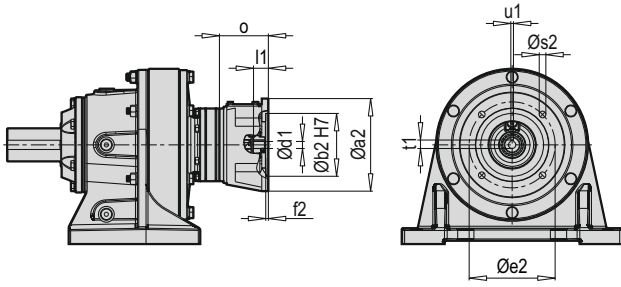
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|------|----|------|
| PCD 614-08 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 21 | 12.8 | 4 | 34.5 |
| | 71 | 160 | 110 | 130 | 4 | 9 | 14 | 25 | 16.3 | 5 | 41 |

| ~ Kg | | | |
|--------------------|----|----|----|
| PCD 614-08 X B5 | H | V | F |
| 63 | 44 | 43 | 37 |
| 71 | 44 | 43 | 37 |

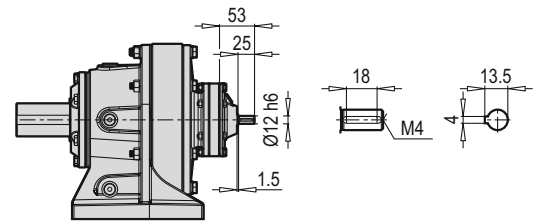
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|------|------|----|----|
| PCD 614-08 | 63 | 91 | 60 | 75 | 4 | 5.5 | 11 | 23.5 | 12.8 | 4 | 37 |
| | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 25 | 16.3 | 5 | 41 |

| ~ Kg | | | |
|---------------------|------|------|------|
| PCD 614-08 X B14 | H | V | F |
| 63 | 43.5 | 42.5 | 36.5 |
| 71 | 43.5 | 42.5 | 36.5 |

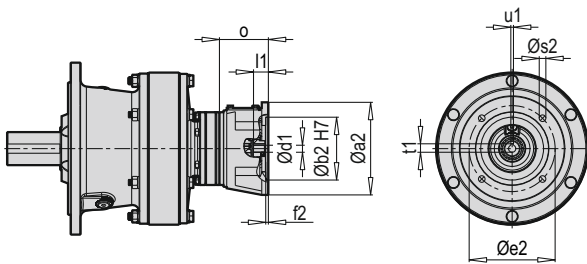
PCD 614-08 HC



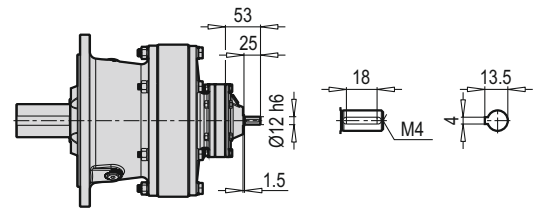
PCD 614-08 HW



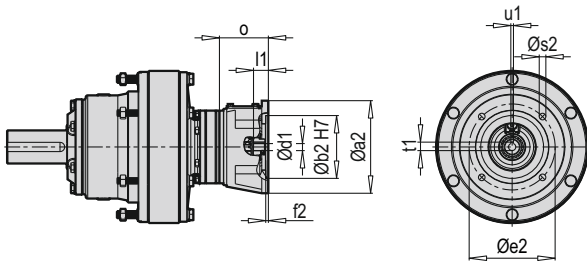
PCD 614-08 VC



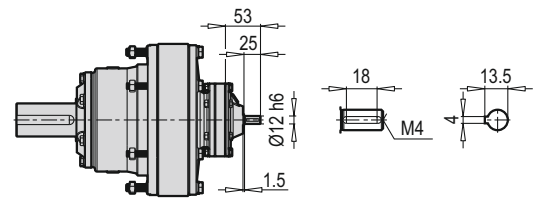
PCD 614-08 VW



PCD 614-08 FC



PCD 614-08 FW

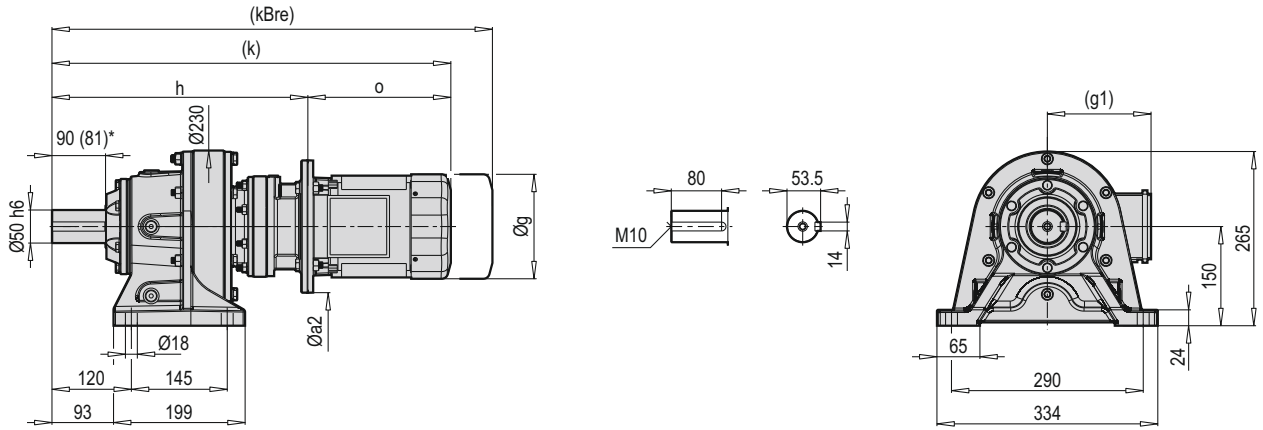


| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|------|------|----|----|
| PCD 614-08 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 22.5 | 12.8 | 4 | 74 |
| | 71 | 160 | 110 | 130 | 4 | 10 | 14 | 32 | 16.3 | 5 | 83 |

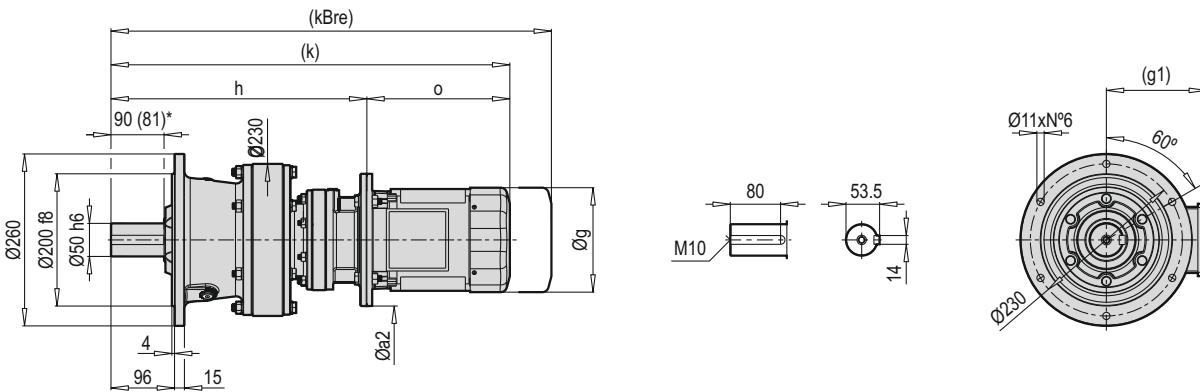
| ~ Kg | | | |
|-----------------|----|----|----|
| PCD 614-08 W | H | V | F |
| | 41 | 40 | 34 |

| ~ Kg | | | |
|--------------------|------|------|------|
| PCD 614-08 C B5 | H | V | F |
| 63 | 43.5 | 42.5 | 36.5 |
| 71 | 44 | 43 | 37 |

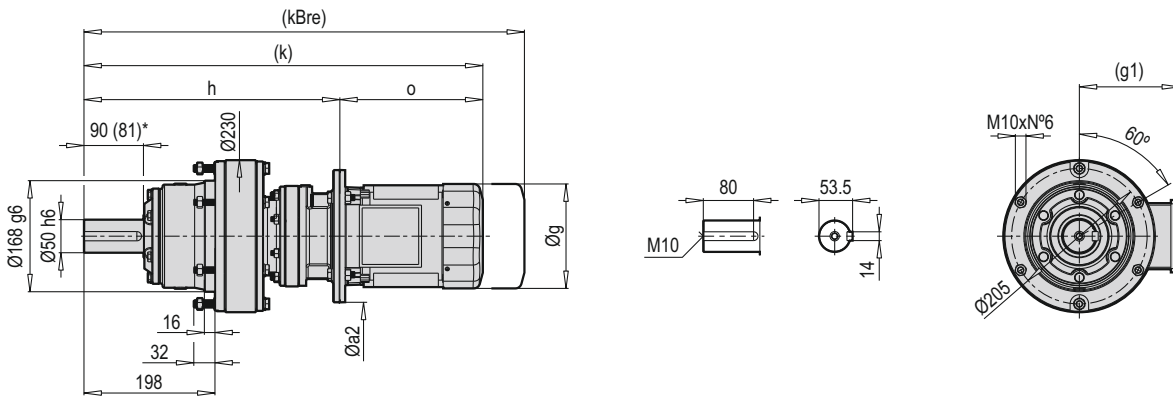
PCD 614-09 HXM



PCD 614-09 VXM



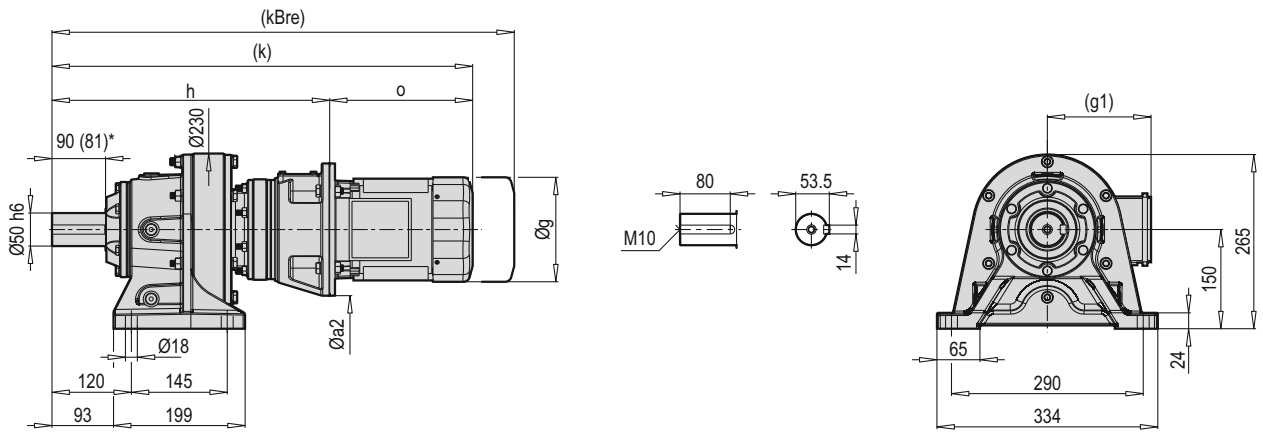
PCD 614-09 FXM



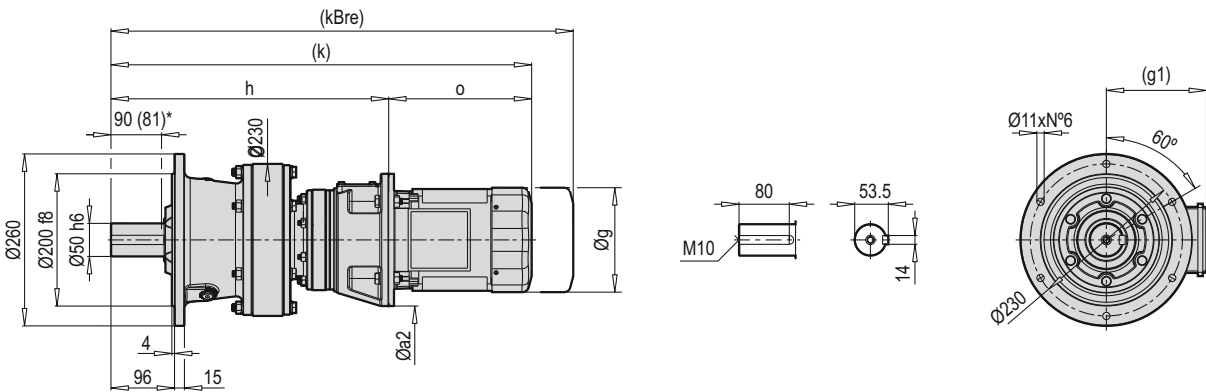
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-----|-----|-------|-------|-------|-------|-------|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 366 | 366 | 562.5 | 562.5 | 616 | 622 | 196.5 | 196.5 |
| 71 | 160 | 105 | 138 | 119 | 373 | 373 | 596 | 596 | 656 | 658.5 | 223 | 223 |
| 80 | 200 | 120 | 165 | 134.5 | 387 | 387 | 616 | 616 | 698.5 | 698.5 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 398 | 398 | 691 | 691 | 759.5 | 758.5 | 293 | 293 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angeben für Position M4. / (*) Dato per la posizione M4. / (*) Donné pour position M4. / (*) Dado para la posición M4.

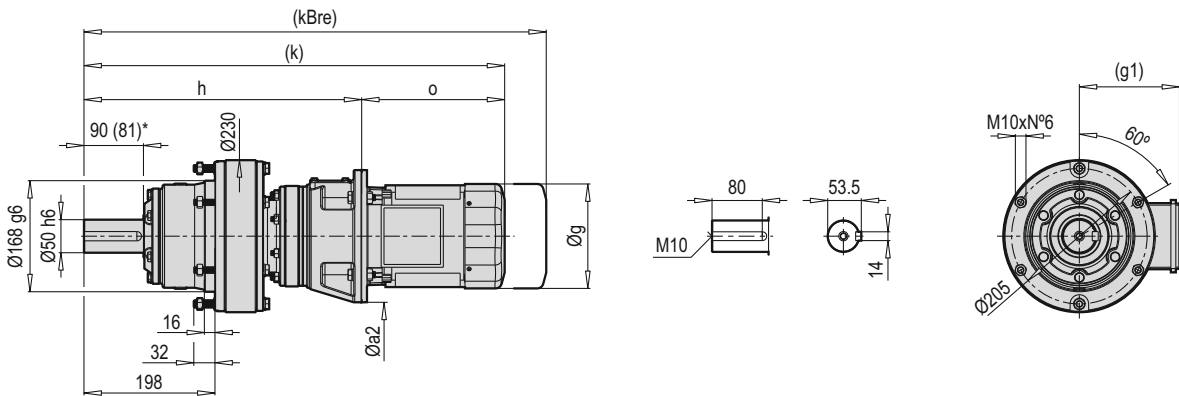
PCD 614-09 HCM



PCD 614-09 VCM



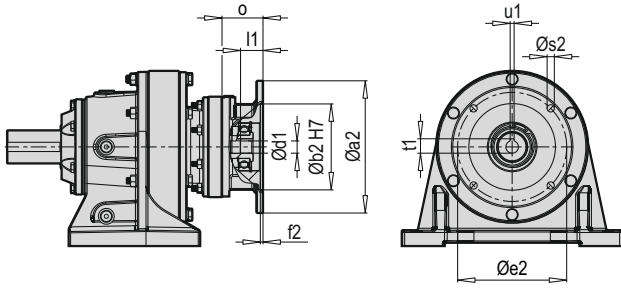
PCD 614-09 FCM



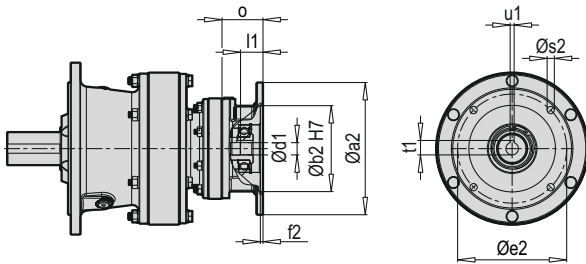
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-------|-------|-------|-------|
| 63 | 140 | 123 | 111 | 413 | 609.5 | 663 | 196.5 |
| 71 | 160 | 138 | 119 | 417.5 | 640.5 | 555.5 | 223 |
| 80 | 200 | 165 | 134.5 | 428 | 657 | 740.5 | 229 |
| 90 | 200 | 179 | 129 | 438 | 731 | 799.5 | 293 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donné pour position M4. / (*) Dado para la posición M4.

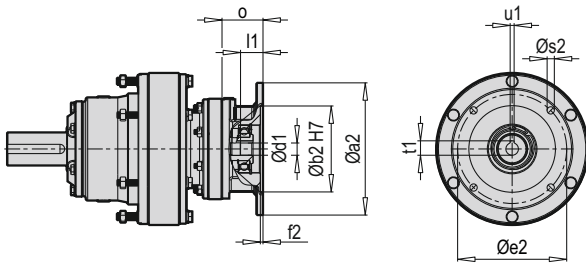
PCD 614-09 HX



PCD 614-09 VX



PCD 614-09 FX



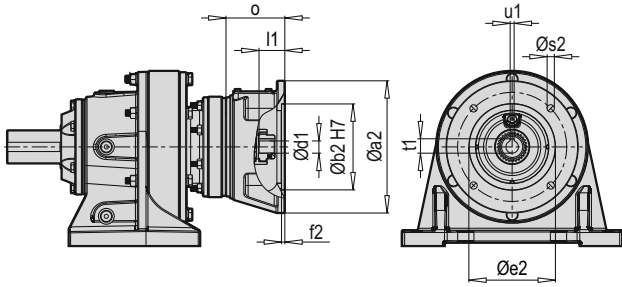
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|------|------|----|----|
| PCD 614-09 | 63 | 140 | 95 | 115 | 3.5 | 9 | 11 | 20.5 | 12.8 | 4 | 41 |
| | 71 | 160 | 110 | 130 | 4 | 9 | 14 | 25 | 16.3 | 5 | 48 |
| | 80 | 200 | 130 | 165 | 4 | 11 | 19 | 34 | 21.8 | 6 | 62 |
| | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 36 | 27.3 | 8 | 73 |

| ~ Kg | | | |
|--------------------|------|------|------|
| PCD 614-09 X B5 | H | V | F |
| 63 | 47.5 | 46.5 | 40.5 |
| 71 | 47.5 | 46.5 | 40.5 |
| 80 | 49 | 48 | 42 |
| 90 | 49 | 48 | 42 |

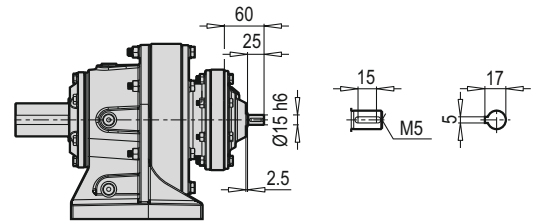
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|------|------|----|----|
| PCD 614-09 | 63 | 91 | 60 | 75 | 3.5 | 5.5 | 11 | 20.5 | 12.8 | 4 | 41 |
| | 71 | 105 | 70 | 85 | 3 | 6.6 | 14 | 25 | 16.3 | 5 | 48 |
| | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 34 | 21.8 | 6 | 62 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 36 | 27.3 | 8 | 73 |

| ~ Kg | | | |
|---------------------|----|----|----|
| PCD 614-09 X B14 | H | V | F |
| 63 | 47 | 46 | 40 |
| 71 | 47 | 46 | 40 |
| 80 | 48 | 47 | 41 |
| 90 | 48 | 47 | 41 |

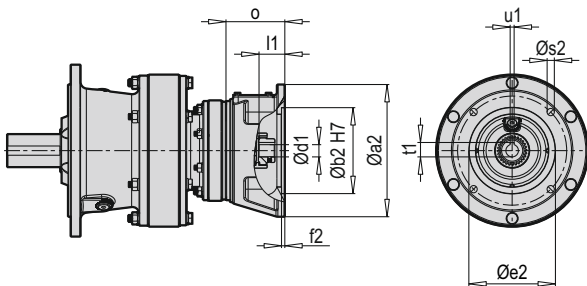
PCD 614-09 HC



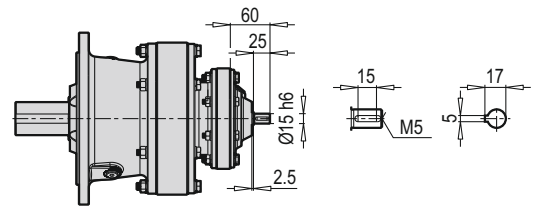
PCD 614-09 HW



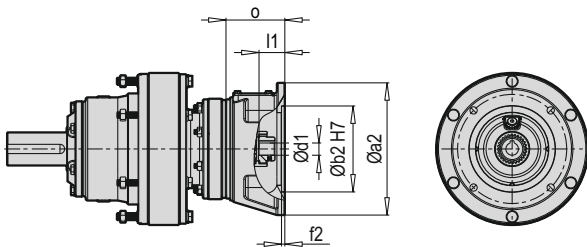
PCD 614-09 VC



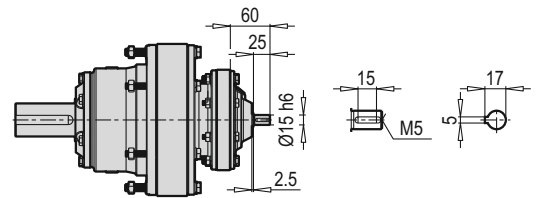
PCD 614-09 VW



PCD 614-09 FC



PCD 614-09 FW

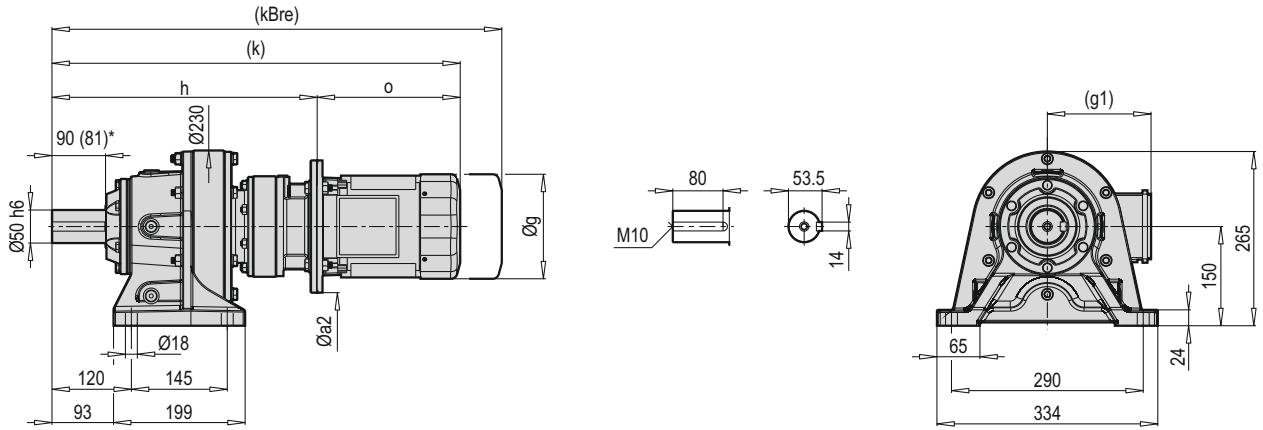


| ~ Kg | | | |
|--------------|----|----|----|
| PCD 614-09 W | H | V | F |
| | 45 | 45 | 38 |

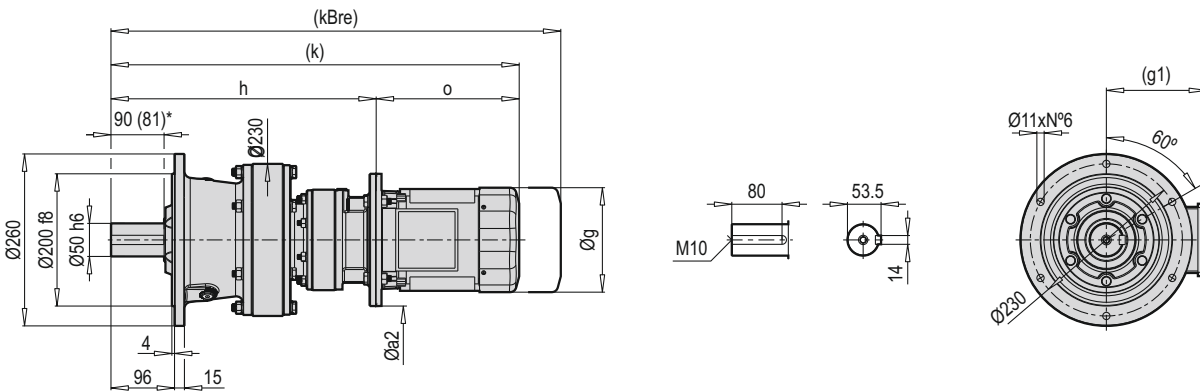
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|------|------|----|------|
| PCD 614-09 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 23.5 | 12.8 | 4 | 82 |
| | 71 | 160 | 110 | 130 | 4 | 10 | 14 | 30.5 | 16.3 | 5 | 86.5 |
| | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 40 | 21.8 | 6 | 97 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 107 |

| ~ Kg | | | |
|-----------------|------|------|------|
| PCD 614-09 C B5 | H | V | F |
| 63 | 48.5 | 48.5 | 41.5 |
| 71 | 49 | 49 | 42 |
| 80 | 50.5 | 50.5 | 43.5 |
| 90 | 50.5 | 50.5 | 43.5 |

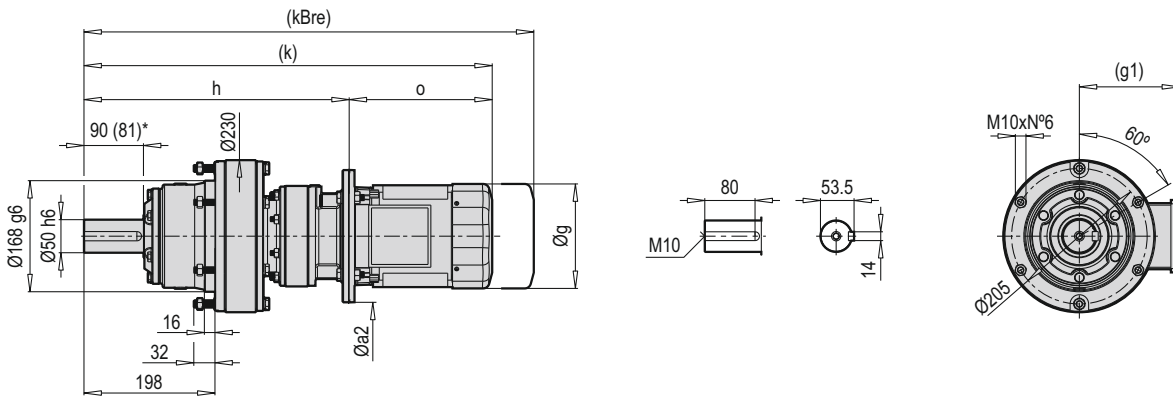
PCD 614-10 HXM



PCD 614-10 VXM



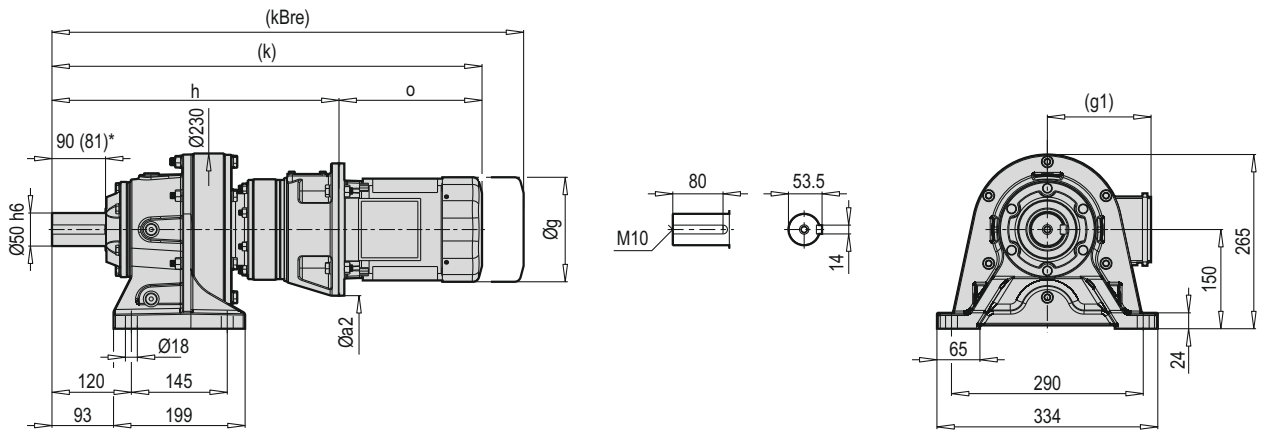
PCD 614-10 FXM



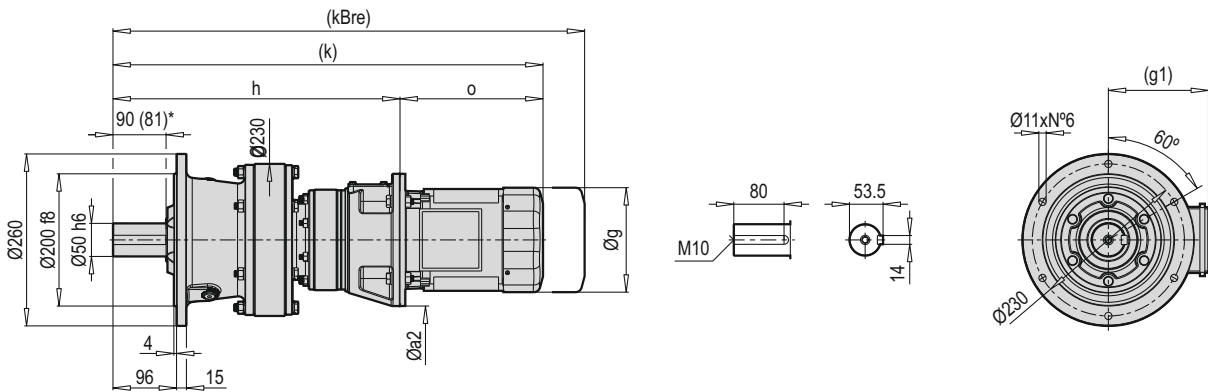
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|-----|-----|-------|-------|-------|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 371.5 | 371.5 | 568 | 568 | 621.5 | 627.5 | 196.5 | 196.5 |
| 71 | 160 | 105 | 138 | 119 | 384 | 384 | 607 | 607 | 667 | 669.5 | 223 | 223 |
| 80 | 200 | 120 | 165 | 134.5 | 386 | 386 | 615 | 615 | 698.5 | 698.5 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 404 | 404 | 697 | 697 | 765.5 | 764.5 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154 | 416 | 416 | 756 | 756 | 839 | 839 | 340 | 340 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

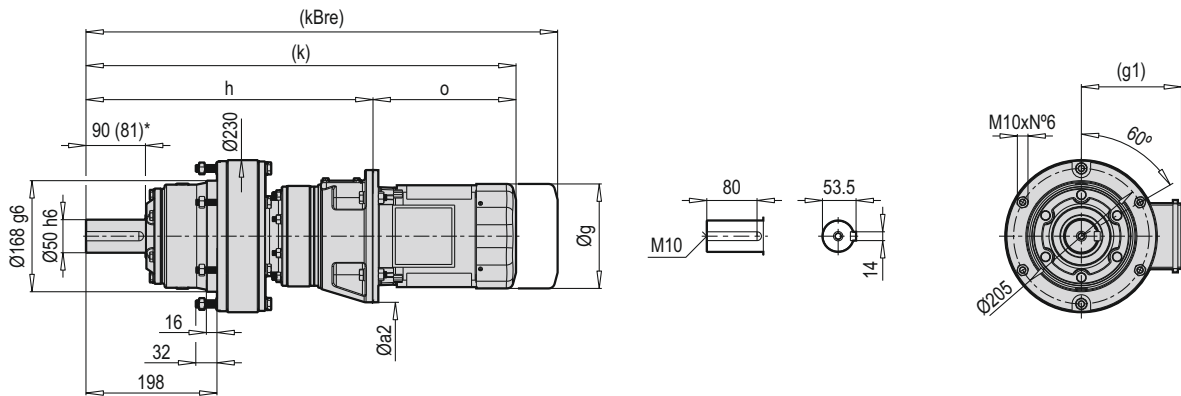
PCD 614-10 HCM



PCD 614-10 VCM



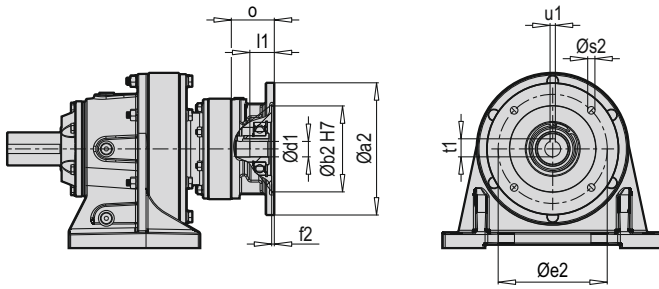
PCD 614-10 FCM



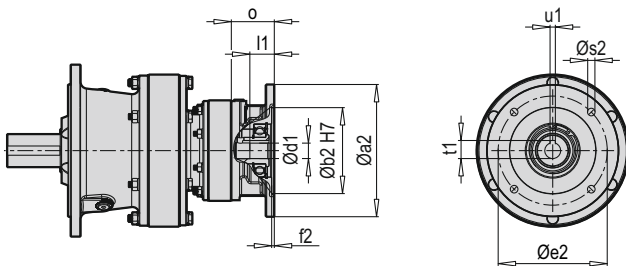
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-------|-------|-------|-------|
| 63 | 140 | 123 | 111 | 419 | 615.5 | 669 | 196.5 |
| 71 | 160 | 138 | 119 | 424 | 647 | 707 | 223 |
| 80 | 200 | 165 | 134.5 | 434 | 663 | 746.5 | 229 |
| 90 | 200 | 179 | 129 | 444 | 737 | 805.5 | 293 |
| 100 | 250 | 199 | 154.5 | 460.5 | 800.5 | 883.5 | 340 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

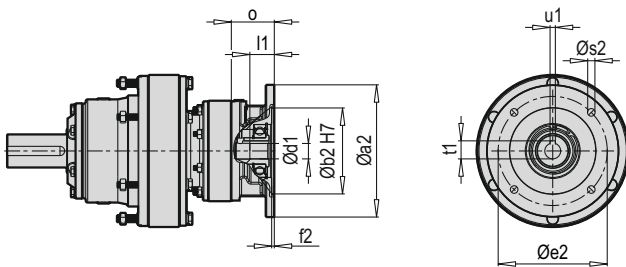
PCD 614-10 HX



PCD 614-10 VX



PCD 614-10 FX



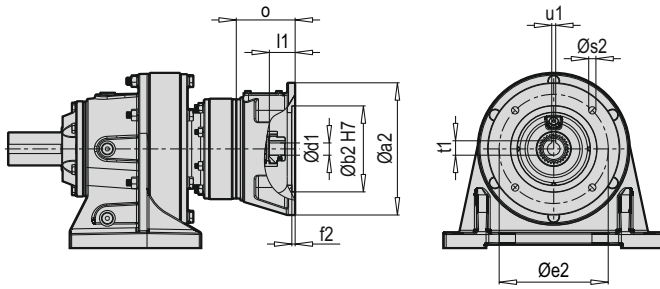
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|------|------|----|------|
| PCD 614-10 | 63 | 140 | 95 | 115 | 4 | M8 | 11 | 19.5 | 12.8 | 4 | 32.5 |
| | 71 | 160 | 110 | 130 | 4 | M8 | 14 | 30 | 16.3 | 5 | 45 |
| | 80 | 200 | 130 | 165 | 4 | 11 | 19 | 34 | 21.8 | 6 | 47 |
| | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 37 | 27.3 | 8 | 65 |
| | 100 | 250 | 180 | 215 | 4.5 | 14 | 28 | 46 | 31.3 | 8 | 77 |

| ~ Kg | | | |
|--------------------|------|------|------|
| PCD 614-10 X B5 | H | V | F |
| 63 | 53.5 | 52.5 | 46.5 |
| 71 | 56.5 | 55.5 | 49.5 |
| 80 | 60 | 59 | 53 |
| 90 | 63 | 62 | 56 |
| 100 | 74 | 73 | 67 |

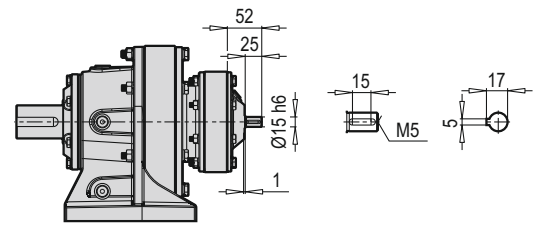
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|------|------|----|------|
| PCD 614-10 | 63 | 91 | 60 | 75 | 4 | 6 | 11 | 19.5 | 12.8 | 4 | 32.5 |
| | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 30 | 16.3 | 5 | 45 |
| | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 34 | 21.8 | 6 | 47 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 37 | 27.3 | 8 | 65 |
| | 100 | 160 | 110 | 130 | 4.5 | 9 | 28 | 46 | 31.3 | 8 | 77 |

| ~ Kg | | | |
|---------------------|----|----|----|
| PCD 614-10 X B14 | H | V | F |
| 63 | 53 | 52 | 46 |
| 71 | 56 | 55 | 49 |
| 80 | 59 | 58 | 52 |
| 90 | 62 | 61 | 55 |
| 100 | 73 | 72 | 66 |

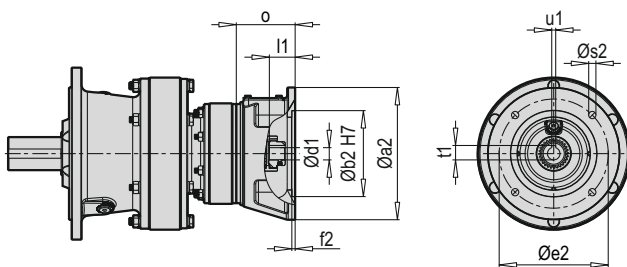
PCD 614-10 HC



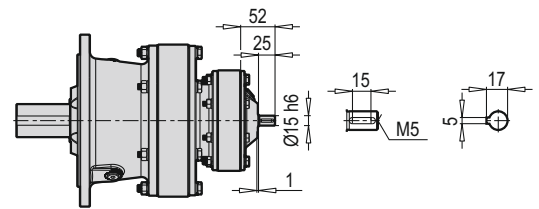
PCD 614-10 HW



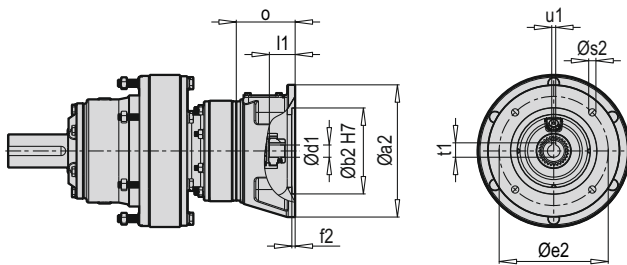
PCD 614-10 VC



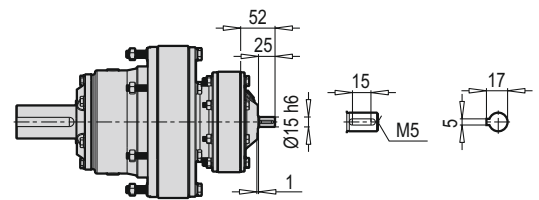
PCD 614-10 VW



PCD 614-10 FC



PCD 614-10 FW

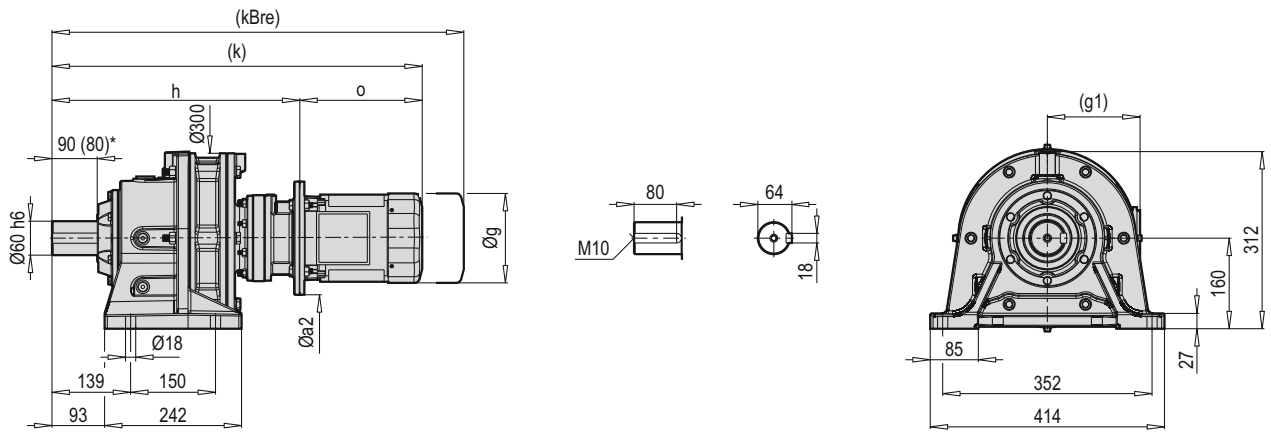


| ~ Kg | | | |
|--------------|----|----|----|
| PCD 614-10 W | H | V | F |
| | 46 | 46 | 39 |

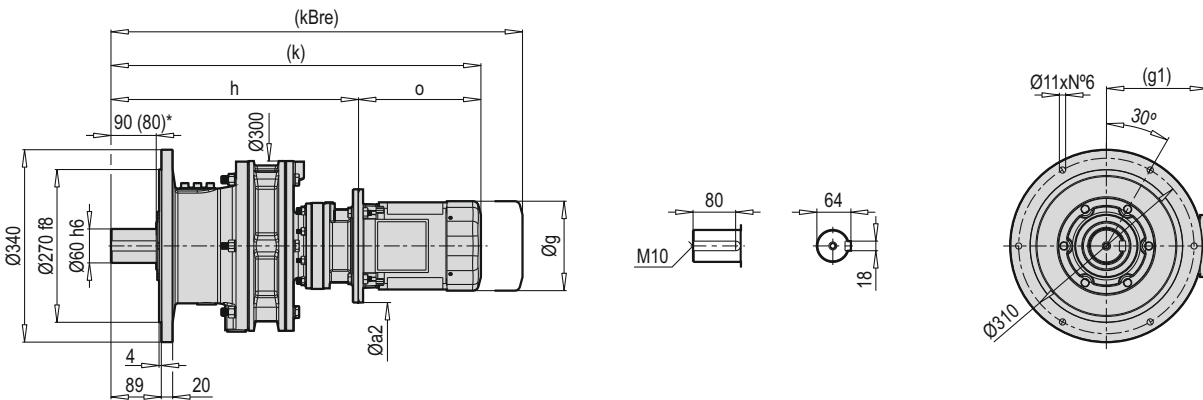
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|------|------|----|-------|
| PCD 614-10 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 24 | 12.8 | 4 | 74 |
| | 71 | 160 | 110 | 130 | 4 | 10 | 14 | 31 | 16.3 | 5 | 79 |
| | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 40 | 21.8 | 6 | 89 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 99 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 61.5 | 31.3 | 8 | 115.5 |

| ~ Kg | | | |
|-----------------|------|------|------|
| PCD 614-10 C B5 | H | V | F |
| 63 | 49.5 | 49.5 | 42.5 |
| 71 | 50 | 50 | 43 |
| 80 | 51.5 | 51.5 | 44.5 |
| 90 | 51.5 | 51.5 | 44.5 |
| 100 | 54 | 54 | 47 |

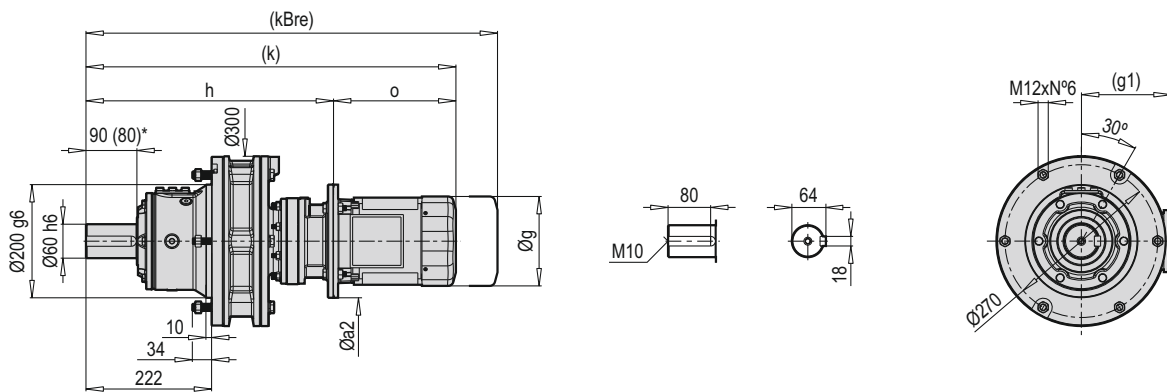
PCD 616-09 HXM



PCD 616-09 VXM



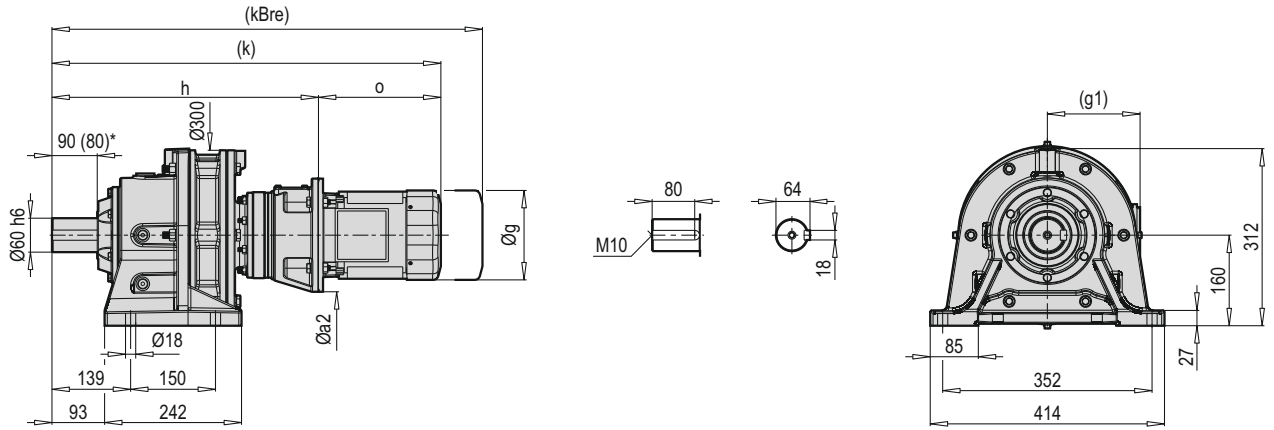
PCD 616-09 FXM



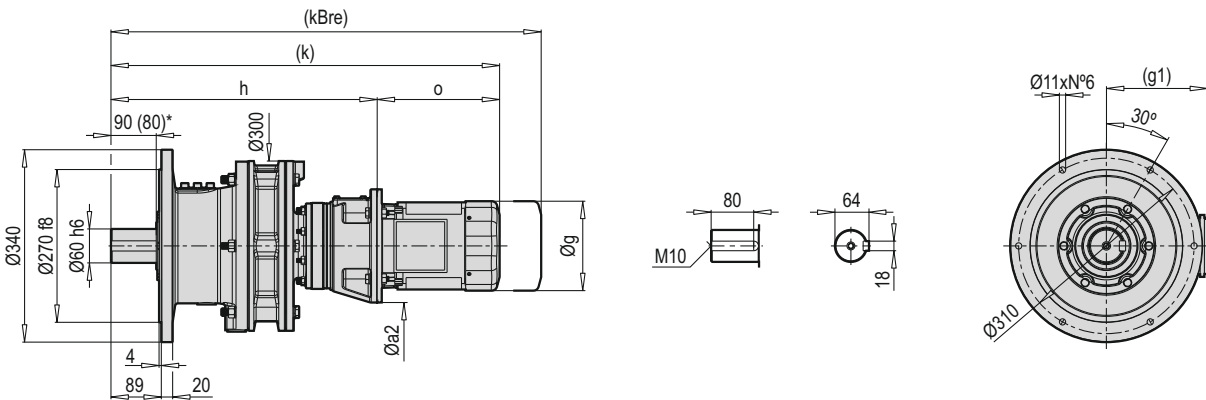
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-----|-----|-------|-------|-------|-------|-------|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 417 | 417 | 613.5 | 613.5 | 667 | 673 | 196.5 | 196.5 |
| 71 | 160 | 105 | 138 | 119 | 424 | 424 | 647 | 647 | 707 | 709.5 | 223 | 223 |
| 80 | 200 | 120 | 165 | 134.5 | 438 | 438 | 667 | 667 | 750.5 | 750.5 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 449 | 449 | 742 | 742 | 810.5 | 809.5 | 293 | 293 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angeben für Position M4. / (*) Dato per la posizione M4. / (*) Donné pour position M4. / (*) Dado para la posición M4.

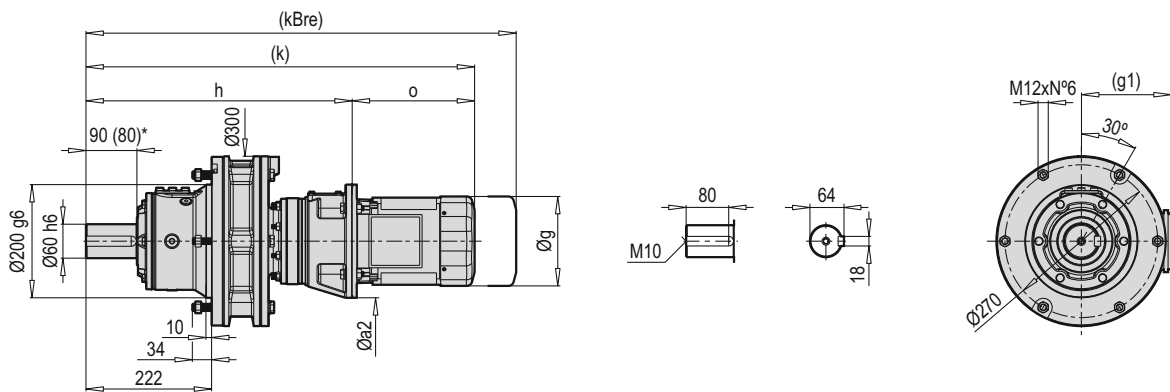
PCD 616-09 HCM



PCD 616-09 VCM



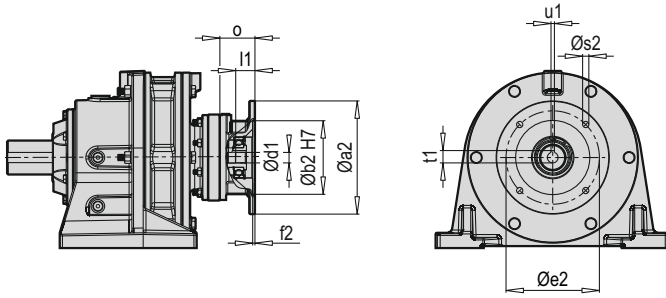
PCD 616-09 FCM



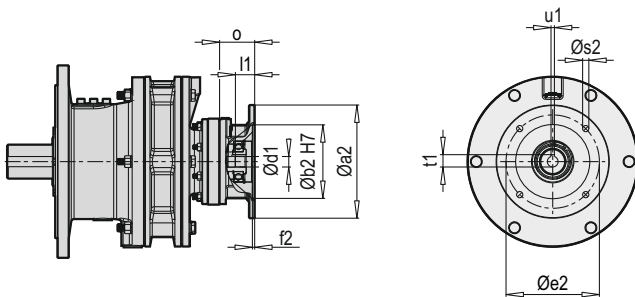
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-------|-------|-------|-------|
| 63 | 140 | 123 | 111 | 464 | 660.5 | 714 | 196.5 |
| 71 | 160 | 138 | 119 | 468.5 | 691.5 | 751.5 | 223 |
| 80 | 200 | 165 | 134.5 | 479 | 708 | 791.5 | 229 |
| 90 | 200 | 179 | 129 | 489 | 782 | 850.5 | 293 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angeben für Position M4. / (*) Dato per la posizione M4. / (*) Donn e pour position M4. / (*) Dado para la posici n M4.

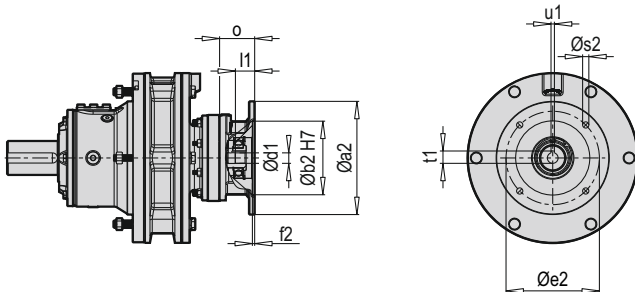
PCD 616-09 HX



PCD 616-09 VX



PCD 616-09 FX



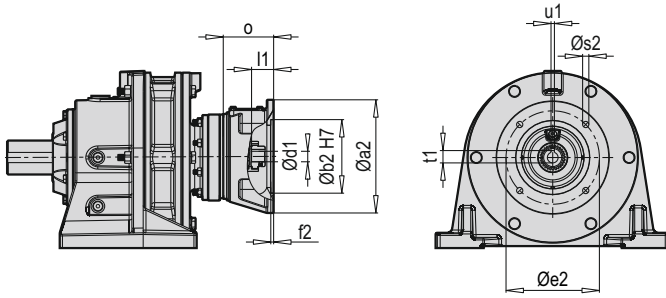
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|------|------|----|----|
| PCD 616-09 | 63 | 140 | 95 | 115 | 3.5 | 9 | 11 | 20.5 | 12.8 | 4 | 41 |
| | 71 | 160 | 110 | 130 | 4 | 9 | 14 | 25 | 16.3 | 5 | 48 |
| | 80 | 200 | 130 | 165 | 4 | 11 | 19 | 34 | 21.8 | 6 | 62 |
| | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 36 | 27.3 | 8 | 73 |

| ~ Kg | | | |
|--------------------|------|------|------|
| PCD 616-09 X B5 | H | V | F |
| 63 | 88.5 | 83.5 | 70.5 |
| 71 | 88.5 | 83.5 | 70.5 |
| 80 | 90 | 85 | 72 |
| 90 | 90 | 85 | 72 |

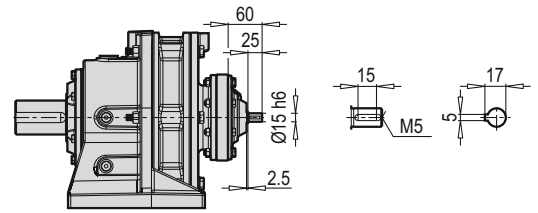
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|------|------|----|----|
| PCD 616-09 | 63 | 91 | 60 | 75 | 3.5 | 5.5 | 11 | 20.5 | 12.8 | 4 | 41 |
| | 71 | 105 | 70 | 85 | 3 | 6.6 | 14 | 25 | 16.3 | 5 | 48 |
| | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 34 | 21.8 | 6 | 62 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 36 | 27.3 | 8 | 73 |

| ~ Kg | | | |
|---------------------|----|----|----|
| PCD 616-09 X B14 | H | V | F |
| 63 | 91 | 86 | 73 |
| 71 | 88 | 83 | 70 |
| 80 | 88 | 83 | 70 |
| 90 | 89 | 84 | 71 |

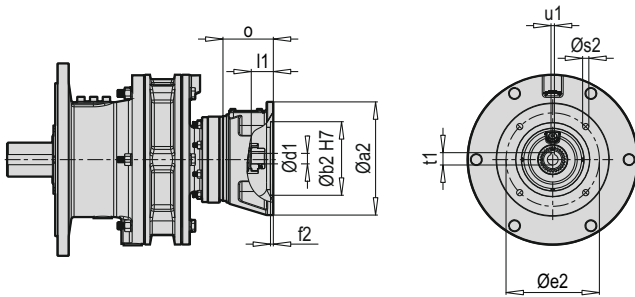
PCD 616-09 HC



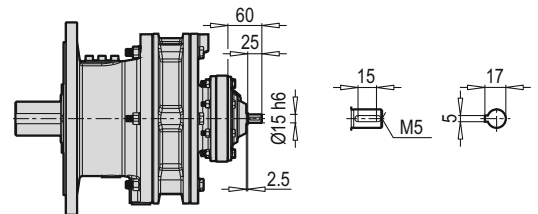
PCD 616-09 HW



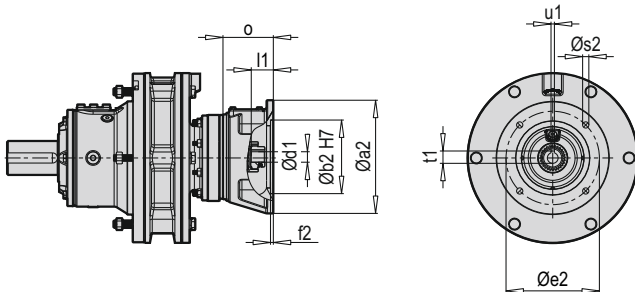
PCD 616-09 VC



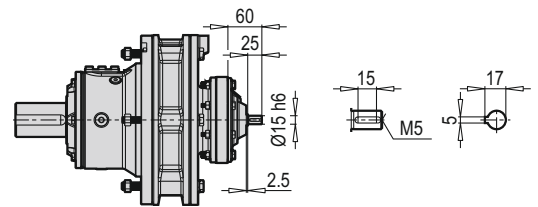
PCD 616-09 VW



PCD 616-09 FC



PCD 616-09 FW

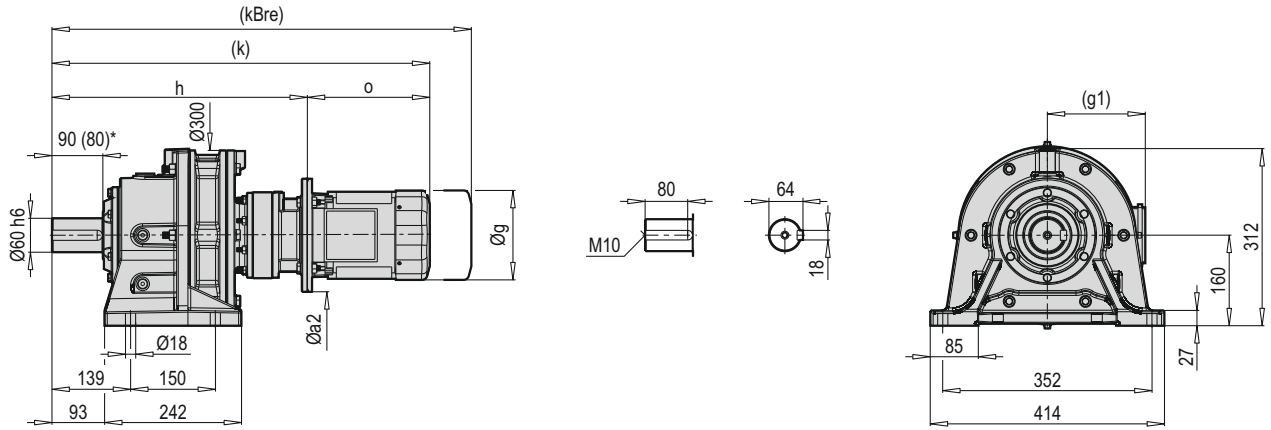


| ~ Kg | | | |
|--------------|----|----|----|
| PCD 616-09 W | H | V | F |
| | 86 | 81 | 68 |

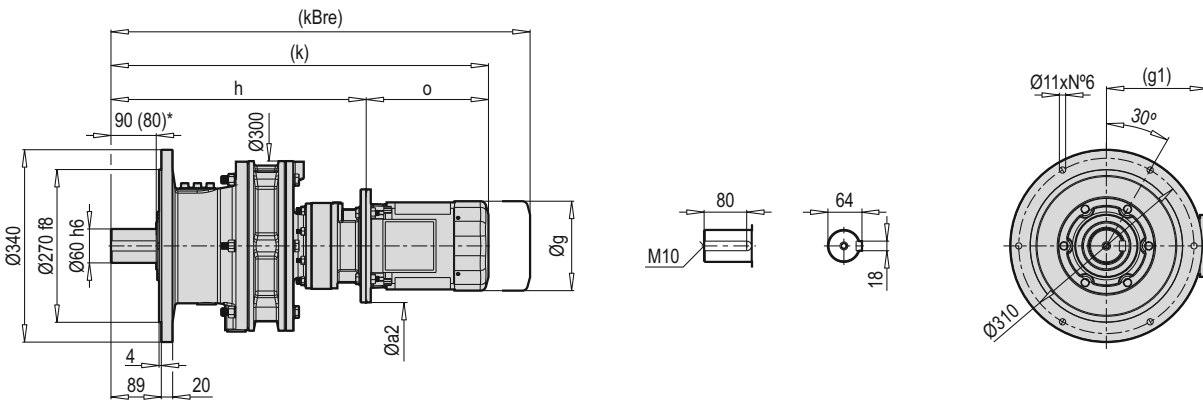
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|------|------|----|------|
| PCD 616-09 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 23.5 | 12.8 | 4 | 82 |
| | 71 | 160 | 110 | 130 | 4 | 10 | 14 | 30.5 | 16.3 | 5 | 86.5 |
| | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 40 | 21.8 | 6 | 97 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 107 |

| ~ Kg | | | |
|-----------------|------|------|------|
| PCD 616-09 C B5 | H | V | F |
| 63 | 89.5 | 84.5 | 71.5 |
| 71 | 90 | 85 | 72 |
| 80 | 91.5 | 86.5 | 73.5 |
| 90 | 91.5 | 86.5 | 73.5 |

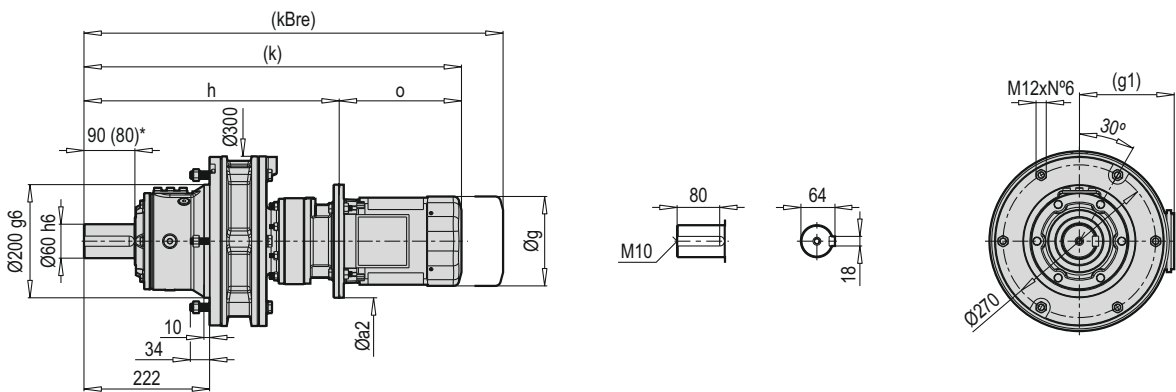
PCD 616-10 HXM



PCD 616-10 VXM



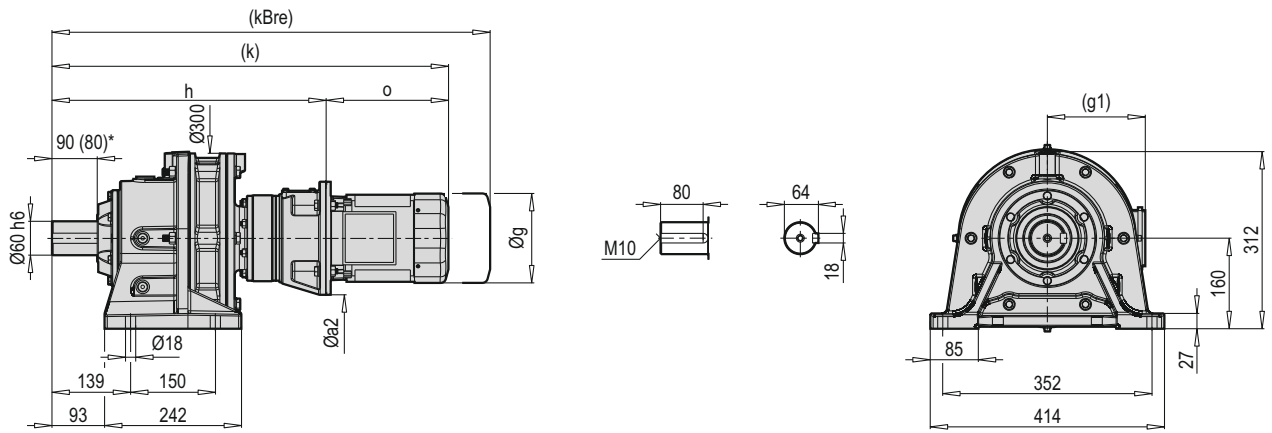
PCD 616-10 FXM



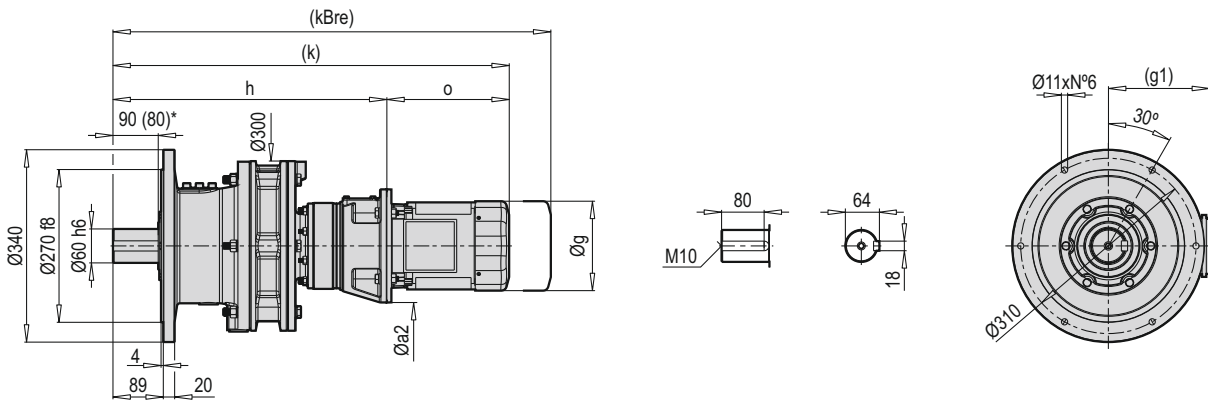
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|-----|-----|-------|-------|-------|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 422.5 | 422.5 | 619 | 619 | 672.5 | 678.5 | 196.5 | 196.5 |
| 71 | 160 | 105 | 138 | 119 | 435 | 435 | 658 | 658 | 718 | 720.5 | 223 | 223 |
| 80 | 200 | 120 | 165 | 134.5 | 437 | 437 | 666 | 666 | 749.5 | 749.5 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 455 | 455 | 748 | 748 | 816.5 | 815.5 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 467 | 467 | 807 | 807 | 890 | 890 | 340 | 340 |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

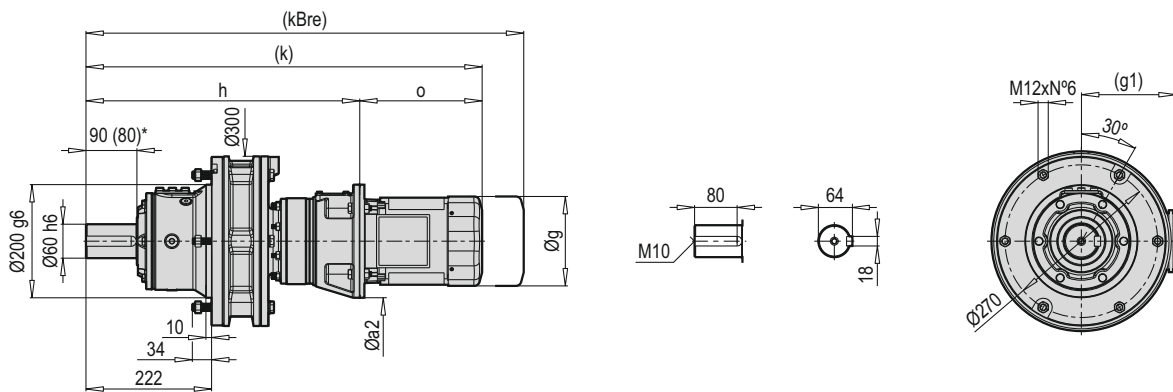
PCD 616-10 HCM



PCD 616-10 VCM



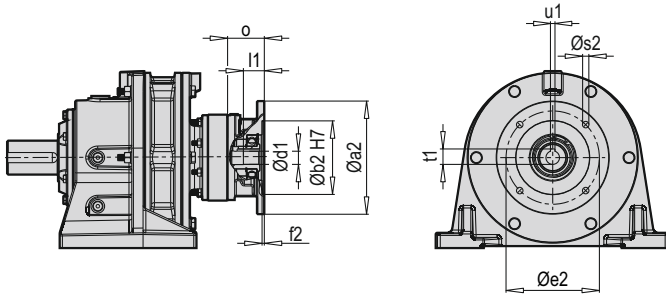
PCD 616-10 FCM



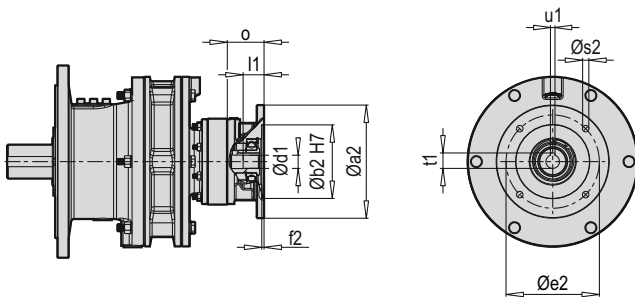
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-------|-------|-------|-------|
| 63 | 140 | 123 | 111 | 470 | 666.5 | 720 | 196.5 |
| 71 | 160 | 138 | 119 | 475 | 698 | 758 | 223 |
| 80 | 200 | 165 | 134.5 | 485 | 714 | 797.5 | 229 |
| 90 | 200 | 179 | 129 | 495 | 788 | 856.5 | 293 |
| 100 | 250 | 199 | 154.5 | 511.5 | 851.5 | 934.5 | 340 |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

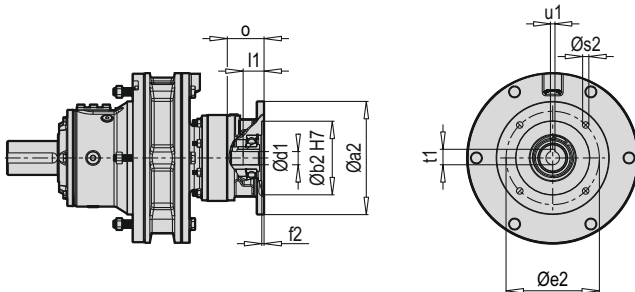
PCD 616-10 HX



PCD 616-10 VX



PCD 616-10 FX



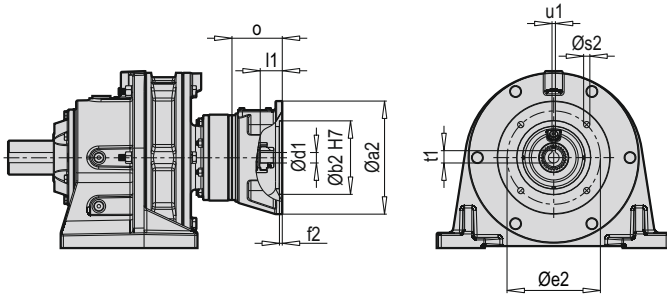
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|------|------|----|------|
| PCD 616-10 | 63 | 140 | 95 | 115 | 4 | M8 | 11 | 19.5 | 12.8 | 4 | 32.5 |
| | 71 | 160 | 110 | 130 | 4 | M8 | 14 | 30 | 16.3 | 5 | 45 |
| | 80 | 200 | 130 | 165 | 4 | 11 | 19 | 34 | 21.8 | 6 | 47 |
| | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 37 | 27.3 | 8 | 65 |
| | 100 | 250 | 180 | 215 | 4.5 | 14 | 28 | 46 | 31.3 | 8 | 77 |

| ~ Kg | | | |
|--------------------|------|------|------|
| PCD 616-10 X B5 | H | V | F |
| 63 | 88.5 | 83.5 | 70.5 |
| 71 | 88.5 | 83.5 | 70.5 |
| 80 | 90 | 85 | 72 |
| 90 | 90 | 85 | 72 |
| 100 | 91 | 86 | 73 |

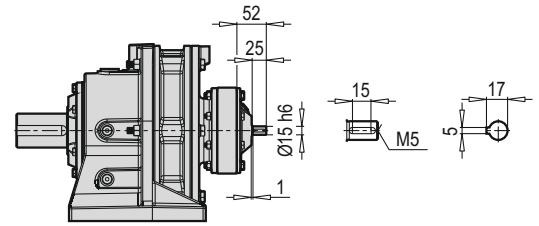
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|------|------|----|------|
| PCD 616-10 | 63 | 91 | 60 | 75 | 4 | 6 | 11 | 19.5 | 12.8 | 4 | 32.5 |
| | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 30 | 16.3 | 5 | 45 |
| | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 34 | 21.8 | 6 | 47 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 37 | 27.3 | 8 | 65 |
| | 100 | 160 | 110 | 130 | 4.5 | 9 | 28 | 46 | 31.3 | 8 | 77 |

| ~ Kg | | | |
|---------------------|----|----|----|
| PCD 616-10 X B14 | H | V | F |
| 63 | 88 | 83 | 70 |
| 71 | 88 | 83 | 70 |
| 80 | 89 | 84 | 71 |
| 90 | 89 | 84 | 71 |
| 100 | 90 | 85 | 72 |

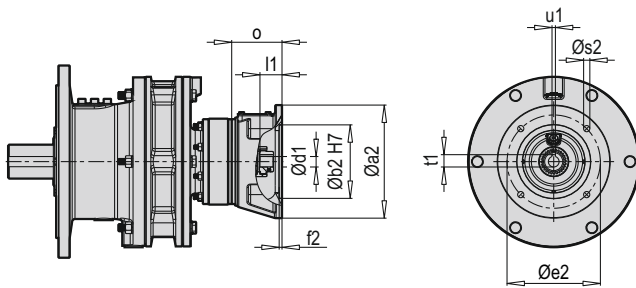
PCD 616-10 HC



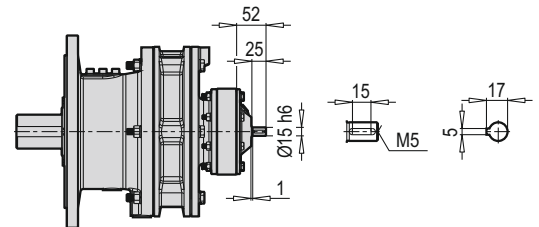
PCD 616-10 HW



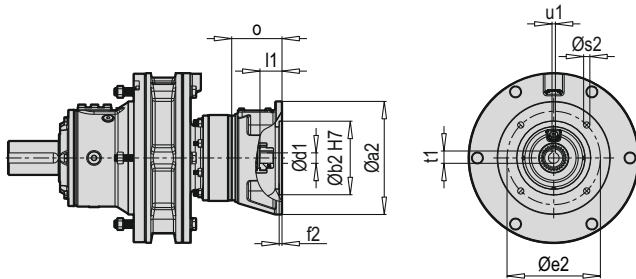
PCD 616-10 VC



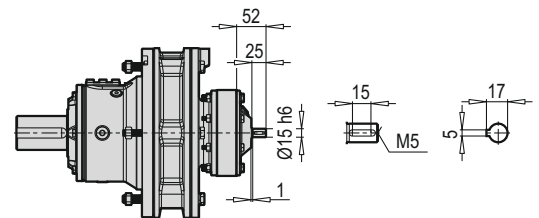
PCD 616-10 VW



PCD 616-10 FC



PCD 616-10 FW

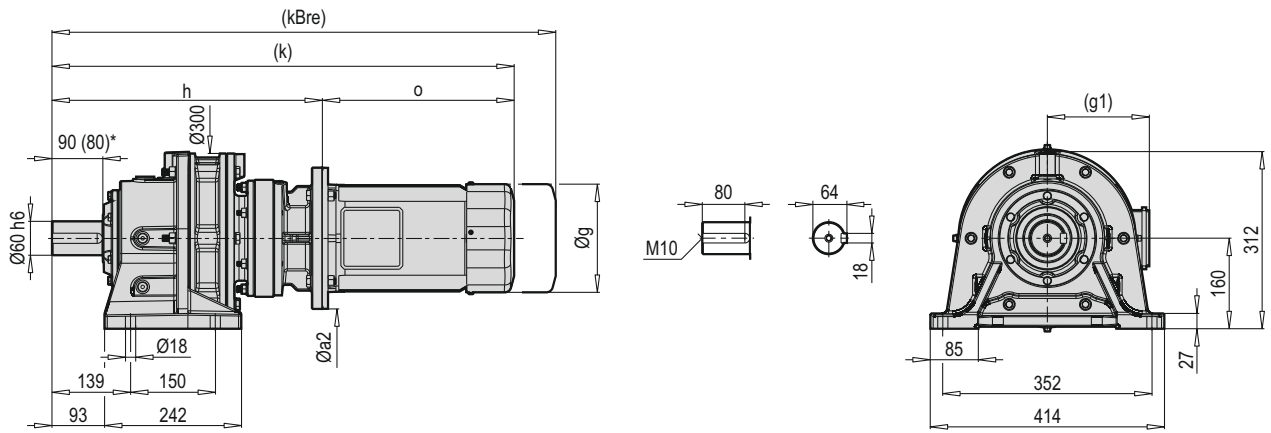


| ~ Kg | | | |
|--------------|----|----|----|
| PCD 616-10 W | H | V | F |
| | 88 | 83 | 70 |

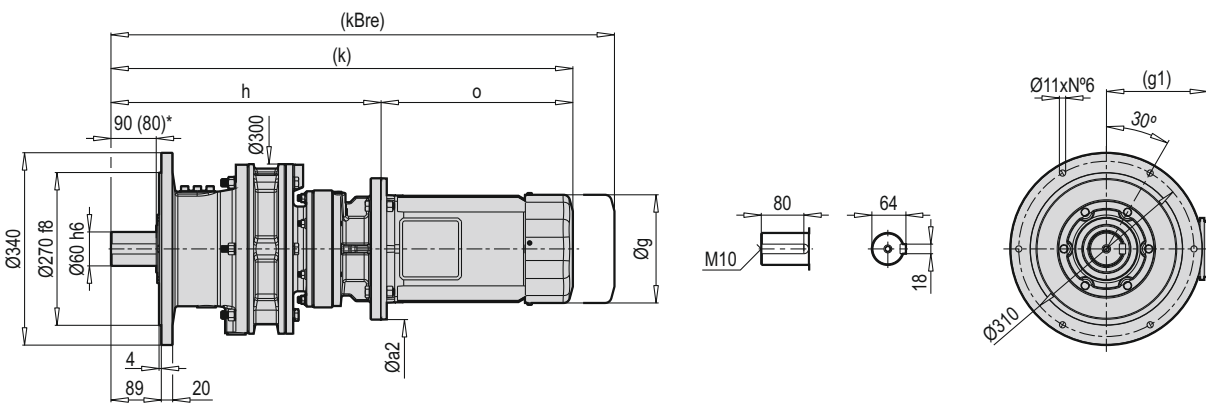
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|------|------|----|-------|
| PCD 616-10 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 24 | 12.8 | 4 | 74 |
| | 71 | 160 | 110 | 130 | 4 | 10 | 14 | 31 | 16.3 | 5 | 79 |
| | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 40 | 21.8 | 6 | 89 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 99 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 61.5 | 31.3 | 8 | 115.5 |

| ~ Kg | | | |
|-----------------|------|------|------|
| PCD 616-10 C B5 | H | V | F |
| 63 | 91.5 | 86.5 | 73.5 |
| 71 | 92 | 87 | 74 |
| 80 | 93.5 | 88.5 | 75.5 |
| 90 | 93.5 | 88.5 | 75.5 |
| 100 | 96 | 91 | 78 |

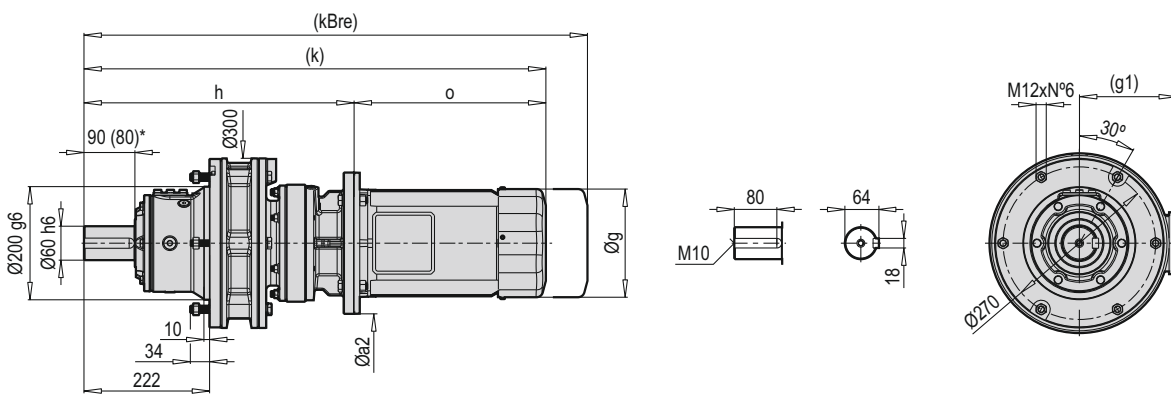
PCD 616-11 HXM



PCD 616-11 VXM



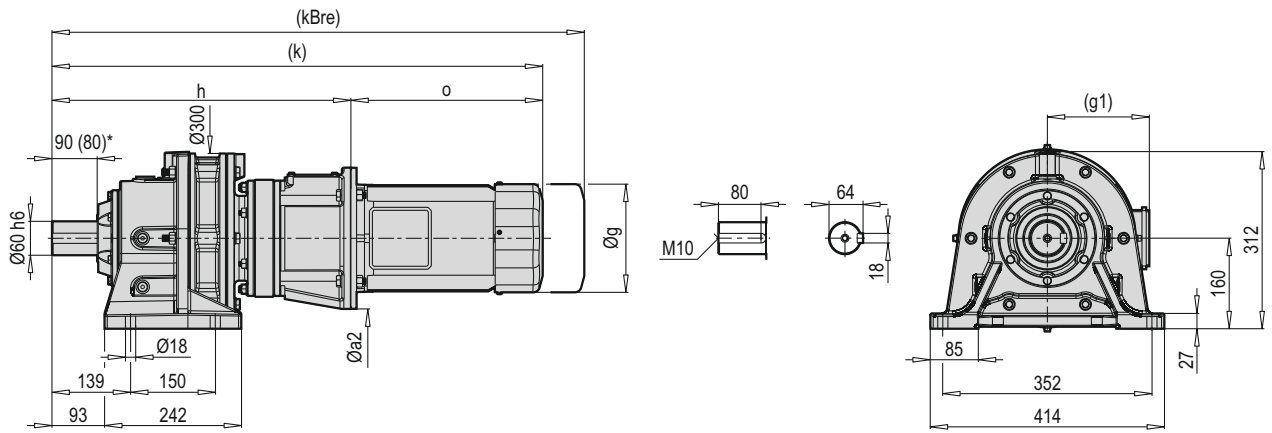
PCD 616-11 FXM



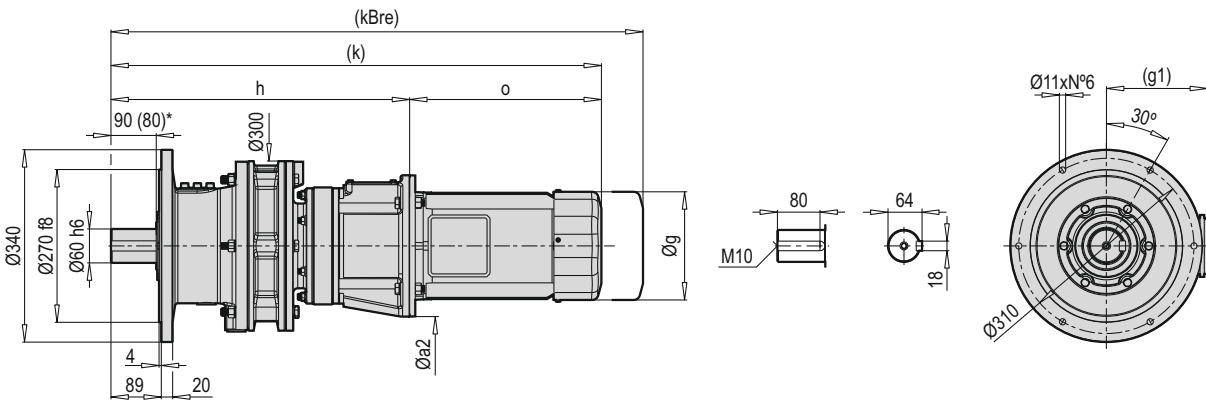
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-----|-----|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 71 | 160 | 105 | 138 | 119 | 448 | 448 | 671 | 671 | 731 | 733.5 | 223 | 223 |
| 80 | 200 | 120 | 165 | 134.5 | 452 | 452 | 681 | 681 | 764.5 | 764.5 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 462 | 462 | 775 | 775 | 823.5 | 824.5 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 478.5 | 478.5 | 818.5 | 818.5 | 901.5 | 901.5 | 340 | 340 |
| 112 | 250 | 160 | 219 | 158.5 | 478.5 | 478.5 | 814.5 | 814.5 | 901.5 | 915 | 336 | 336 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

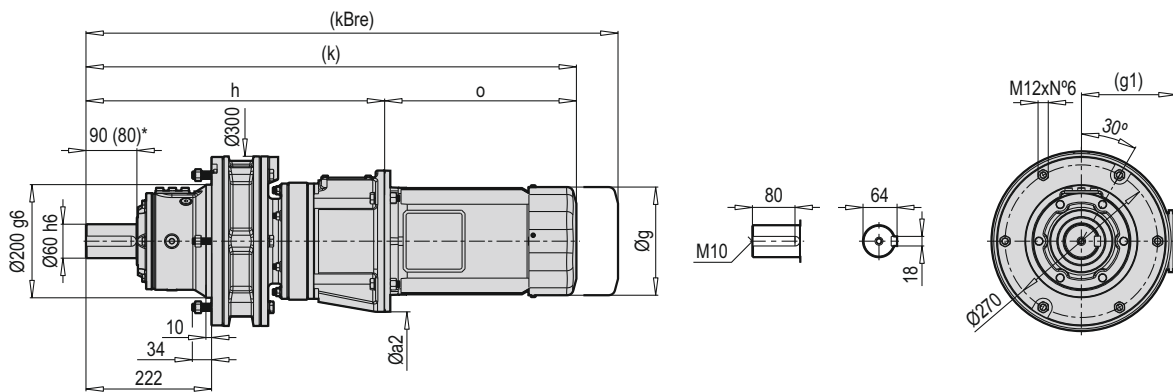
PCD 616-11 HCM



PCD 616-11 VCM



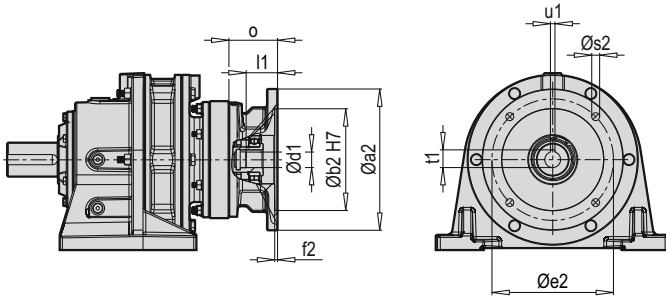
PCD 616-11 FCM



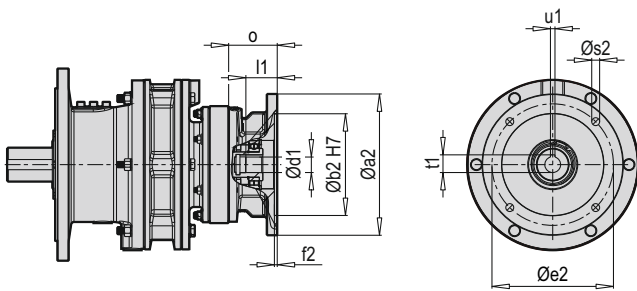
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-----|-----|-------|-----|
| 71 | 160 | 138 | 119 | 499 | 722 | 782 | 223 |
| 80 | 200 | 165 | 134.5 | 519 | 748 | 831.5 | 229 |
| 90 | 200 | 179 | 129 | 519 | 812 | 880.5 | 293 |
| 100 | 250 | 199 | 154.5 | 529 | 869 | 952 | 340 |
| 112 | 250 | 219 | 158.5 | 529 | 865 | 952 | 336 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

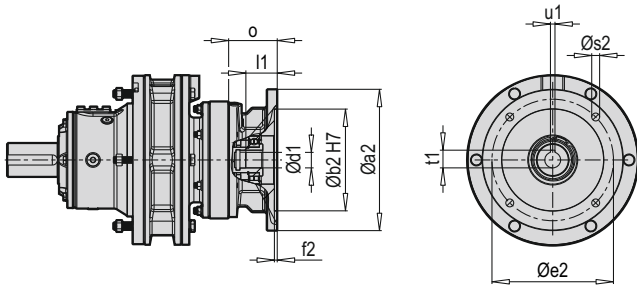
PCD 616-11 HX



PCD 616-11 VX



PCD 616-11 FX



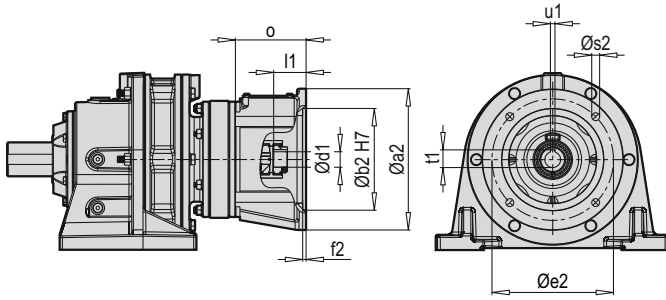
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|------|-----|------|------|----|------|
| PCD 616-11 | 71 | 160 | 110 | 130 | 4 | M8 | 14 | 30 | 16.3 | 5 | 55 |
| | 80 | 200 | 130 | 165 | 4 | 11.5 | 19 | 34 | 21.8 | 6 | 59 |
| | 90 | 200 | 130 | 165 | 4 | 11.5 | 24 | 46 | 27.3 | 8 | 69 |
| | 100 | 250 | 180 | 215 | 5 | 14 | 28 | 55.5 | 31.3 | 8 | 85.5 |
| | 112 | 250 | 180 | 215 | 5 | 14 | 28 | 55.5 | 31.3 | 8 | 85.5 |

| ~ Kg | | | |
|--------------------|------|------|------|
| PCD 616-11 X B5 | H | V | F |
| 71 | 95 | 90 | 77 |
| 80 | 97.5 | 92.5 | 79.5 |
| 90 | 97.5 | 92.5 | 79.5 |
| 100 | 98.5 | 93.5 | 80.5 |
| 112 | 98.5 | 93.5 | 80.5 |

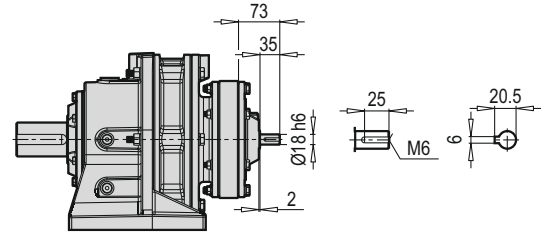
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|------|------|----|------|
| PCD 616-11 | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 30 | 16.3 | 5 | 55 |
| | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 34 | 21.8 | 6 | 59 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 46 | 27.3 | 8 | 69 |
| | 100 | 160 | 110 | 130 | 5 | 9 | 28 | 55.5 | 31.3 | 8 | 85.5 |
| | 112 | 160 | 110 | 130 | 5 | 9 | 28 | 55.5 | 31.3 | 8 | 85.5 |

| ~ Kg | | | |
|---------------------|------|------|------|
| PCD 616-11 X B14 | H | V | F |
| 71 | 94.5 | 89.5 | 76.5 |
| 80 | 96.5 | 91.5 | 78.5 |
| 90 | 96.5 | 91.5 | 78.5 |
| 100 | 97.5 | 92.5 | 79.5 |
| 112 | 97.5 | 92.5 | 79.5 |

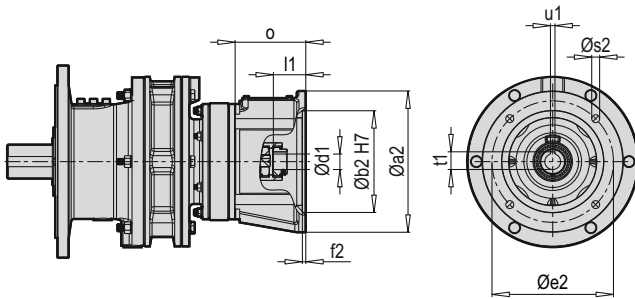
PCD 616-11 HC



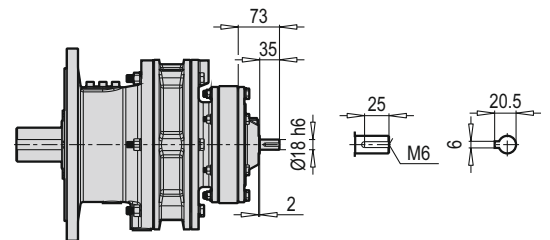
PCD 616-11 HW



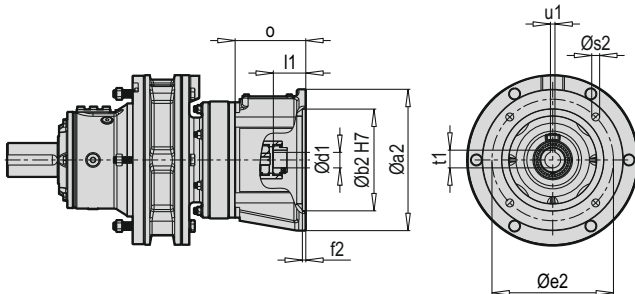
PCD 616-11 VC



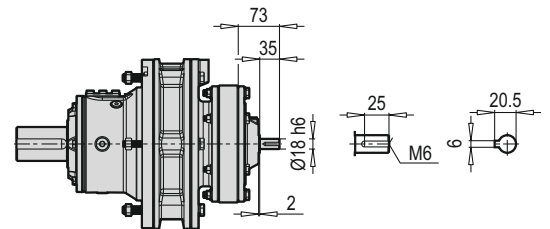
PCD 616-11 VW



PCD 616-11 FC



PCD 616-11 FW

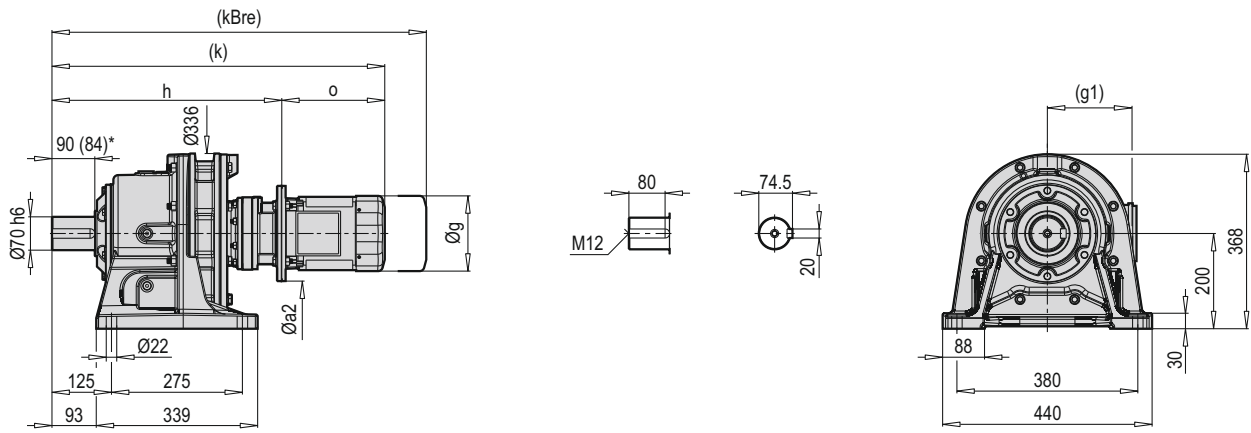


| ~ Kg | | | |
|--------------|----|----|----|
| PCD 616-11 W | H | V | F |
| | 95 | 90 | 77 |

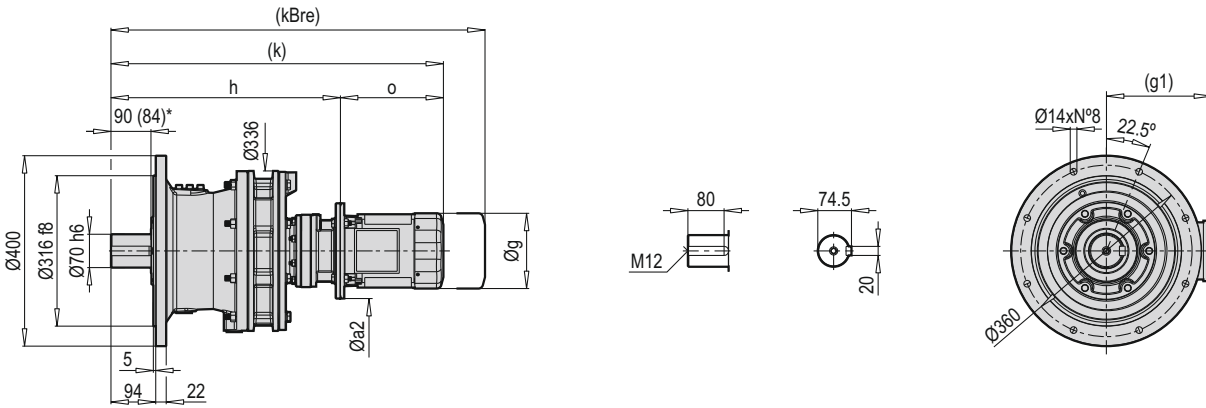
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-------|-----|-----|----|-----|-----|------|------|----|-----|
| PCD 616-11 | 71 | 159.5 | 110 | 130 | 4 | 10 | 14 | 30 | 16.3 | 5 | 95 |
| | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 45 | 21.8 | 6 | 115 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 115 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 58.5 | 31.3 | 8 | 125 |
| | 112 | 250 | 180 | 215 | 6 | 14 | 28 | 58.5 | 31.3 | 8 | 125 |

| ~ Kg | | | |
|-----------------|-------|------|------|
| PCD 616-11 C B5 | H | V | F |
| 71 | 101.5 | 96.5 | 83.5 |
| 80 | 103 | 98 | 85 |
| 90 | 103 | 98 | 85 |
| 100 | 105 | 100 | 87 |
| 112 | 105 | 100 | 87 |

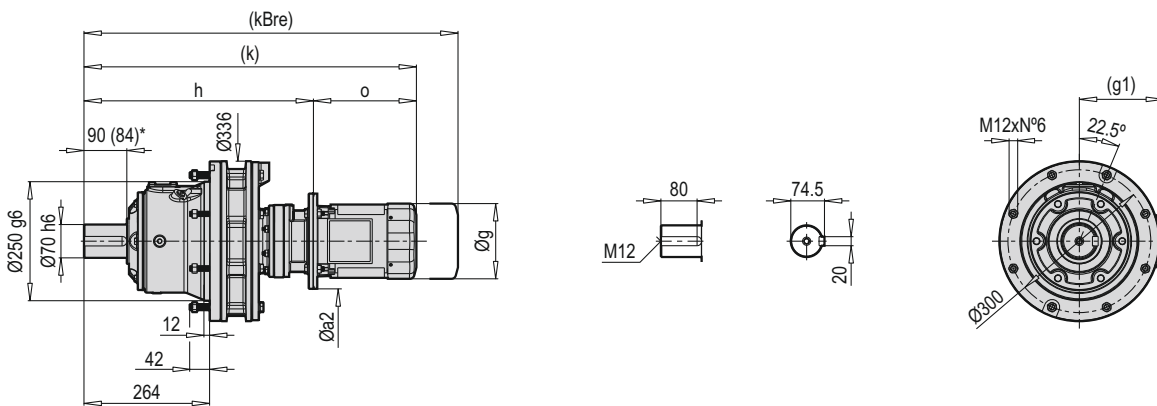
PCD 617-09 HXM



PCD 617-09 VXM



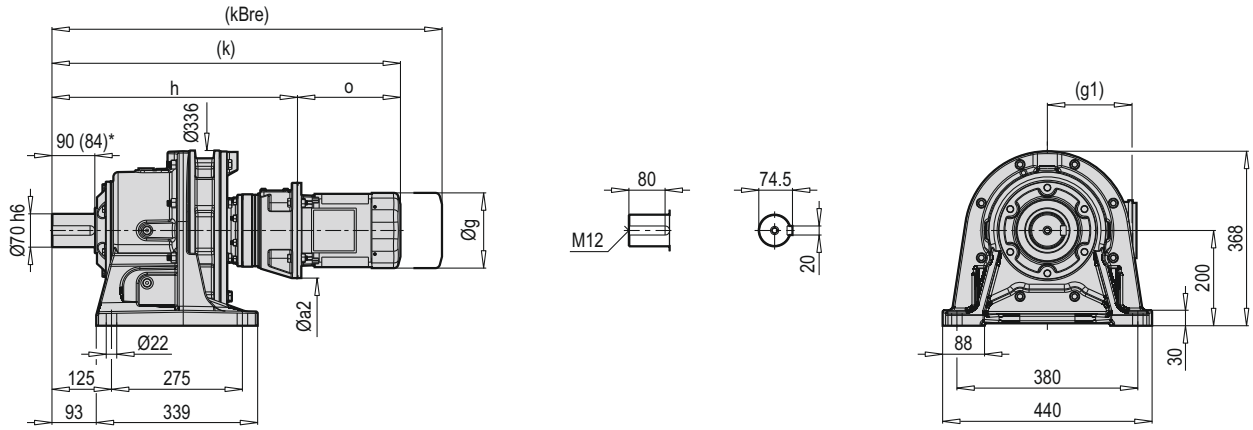
PCD 617-09 FXM



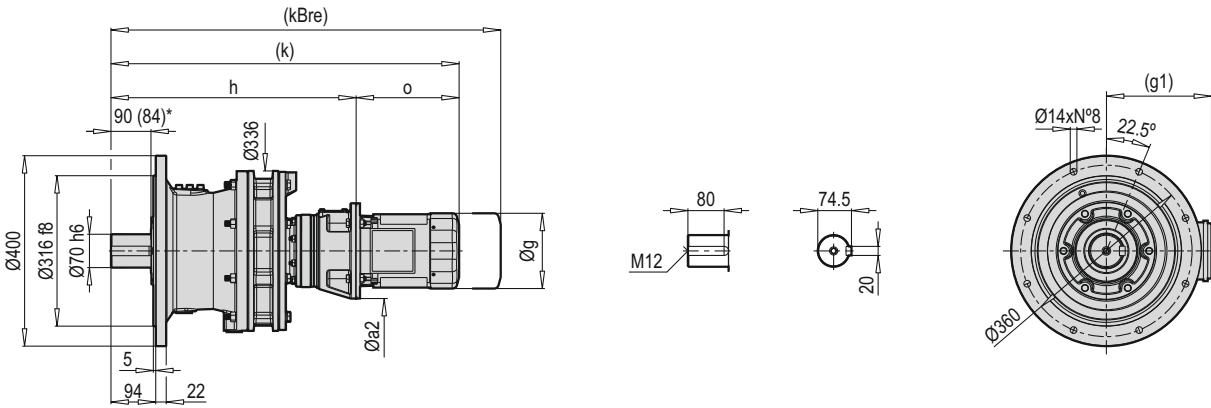
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-----|-----|-------|-------|-------|-------|-------|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 461 | 461 | 657.5 | 657.5 | 711 | 717 | 196.5 | 196.5 |
| 71 | 160 | 105 | 138 | 119 | 468 | 468 | 691 | 691 | 751 | 753.5 | 223 | 223 |
| 80 | 200 | 120 | 165 | 134.5 | 482 | 522 | 711 | 751 | 794.5 | 834.5 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 493 | 533 | 786 | 826 | 854.5 | 893.5 | 293 | 293 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angeben für Position M4. / (*) Dato per la posizione M4. / (*) Donné pour position M4. / (*) Dado para la posición M4.

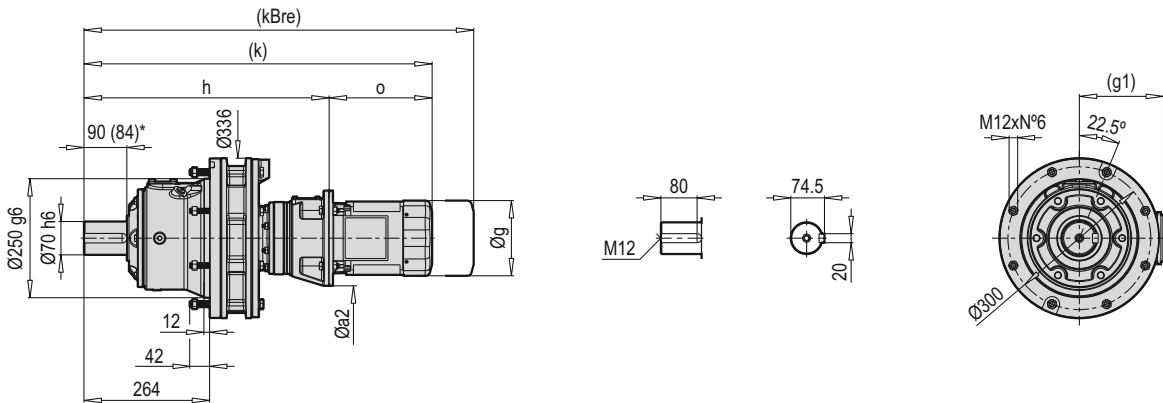
PCD 617-09 HCM



PCD 617-09 VCM



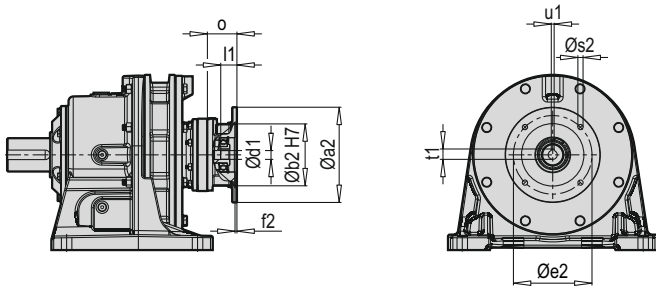
PCD 617-09 FCM



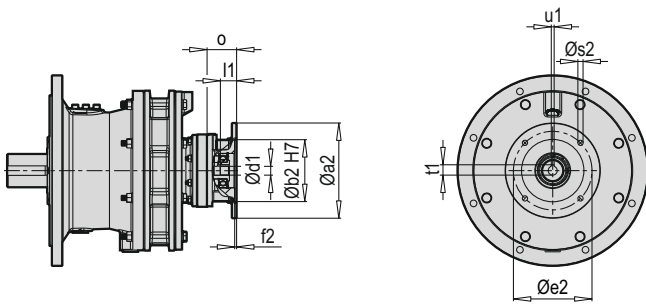
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-------|-------|-------|-------|
| 63 | 140 | 123 | 111 | 508 | 704.5 | 758 | 196.5 |
| 71 | 160 | 138 | 119 | 512.5 | 735.5 | 795.5 | 223 |
| 80 | 200 | 165 | 134.5 | 523 | 752 | 835.5 | 229 |
| 90 | 200 | 179 | 129 | 533 | 826 | 894.5 | 293 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angeben für Position M4. / (*) Dato per la posizione M4. / (*) Donn e pour position M4. / (*) Dado para la posici n M4.

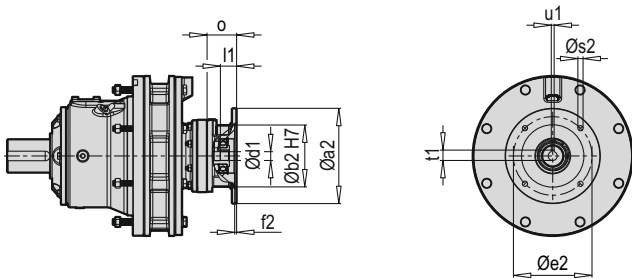
PCD 617-09 HX



PCD 617-09 VX



PCD 617-09 FX



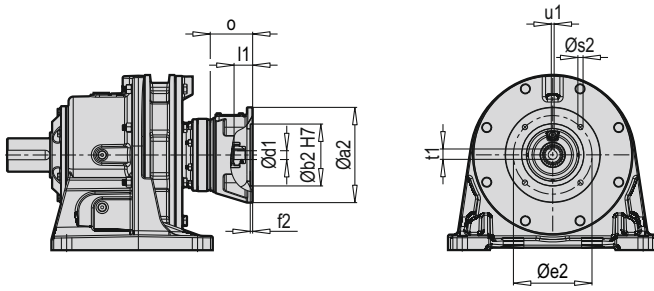
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|------|------|----|----|
| PCD 617-09 | 63 | 140 | 95 | 115 | 3.5 | 9 | 11 | 20.5 | 12.8 | 4 | 41 |
| | 71 | 160 | 110 | 130 | 4 | 9 | 14 | 25 | 16.3 | 5 | 48 |
| | 80 | 200 | 130 | 165 | 4 | 11 | 19 | 34 | 21.8 | 6 | 62 |
| | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 36 | 27.3 | 8 | 73 |

| ~ Kg | | | |
|--------------------|-------|-------|------|
| PCD 617-09 X B5 | H | V | F |
| 63 | 121.5 | 121.5 | 92.5 |
| 71 | 121.5 | 121.5 | 92.5 |
| 80 | 124 | 124 | 95 |
| 90 | 124 | 124 | 95 |

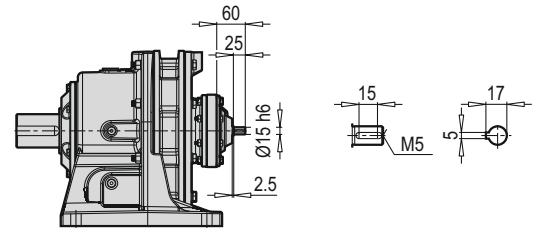
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|------|------|----|----|
| PCD 617-09 | 63 | 91 | 60 | 75 | 3.5 | 5.5 | 11 | 20.5 | 12.8 | 4 | 41 |
| | 71 | 105 | 70 | 85 | 3 | 6.6 | 14 | 25 | 16.3 | 5 | 48 |
| | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 34 | 21.8 | 6 | 62 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 36 | 27.3 | 8 | 73 |

| ~ Kg | | | |
|---------------------|-----|-----|----|
| PCD 617-09 X B14 | H | V | F |
| 63 | 121 | 121 | 92 |
| 71 | 121 | 121 | 92 |
| 80 | 123 | 123 | 94 |
| 90 | 123 | 123 | 94 |

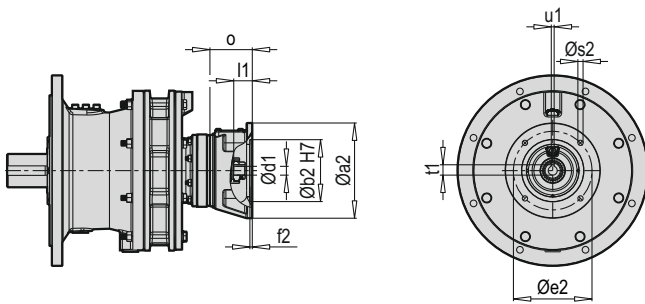
PCD 617-09 HC



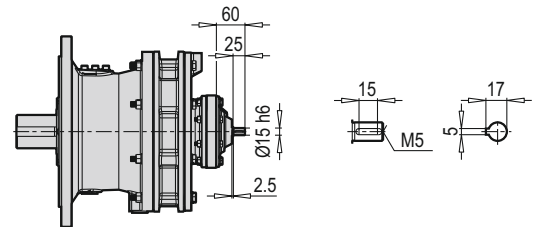
PCD 617-09 HW



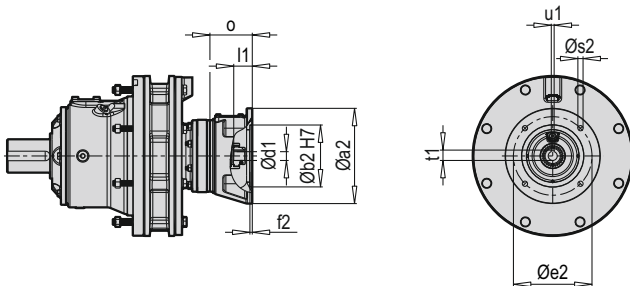
PCD 617-09 VC



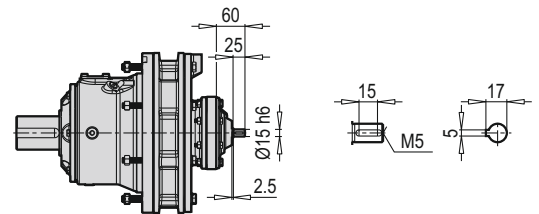
PCD 617-09 VW



PCD 617-09 FC



PCD 617-09 FW

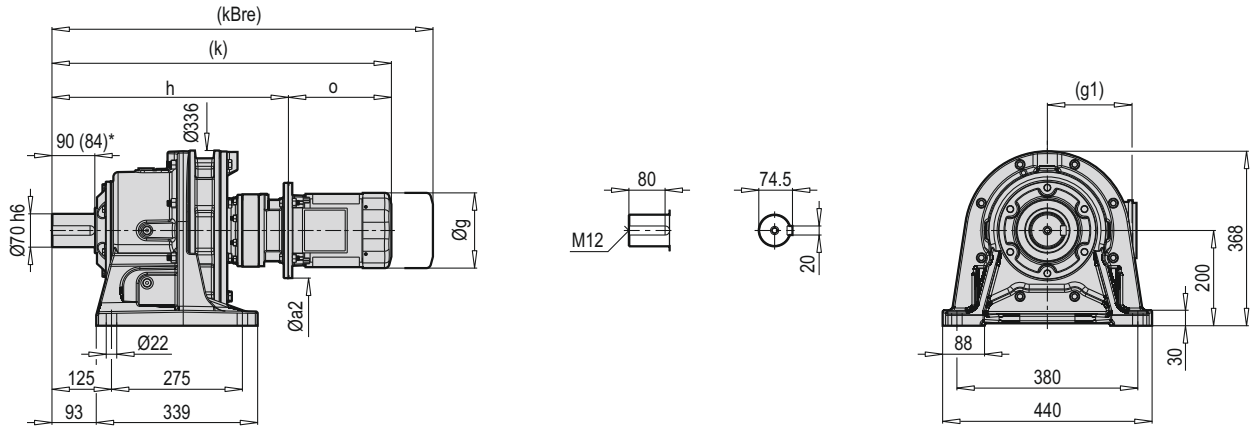


| ~ Kg | | | |
|--------------|-----|-----|----|
| PCD 617-09 W | H | V | F |
| | 120 | 120 | 91 |

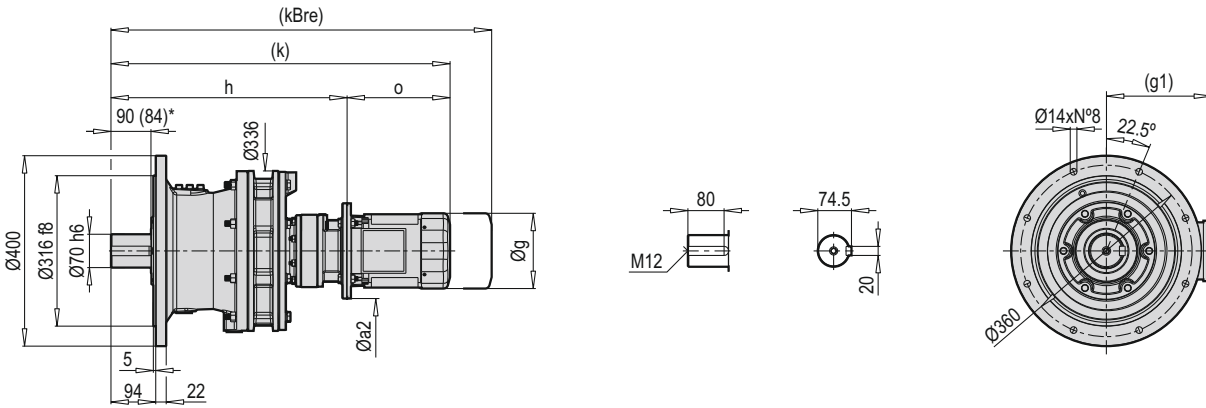
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|------|------|----|------|
| PCD 617-09 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 23.5 | 12.8 | 4 | 82 |
| | 71 | 160 | 110 | 130 | 4 | 10 | 14 | 30.5 | 16.3 | 5 | 86.5 |
| | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 40 | 21.8 | 6 | 97 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 107 |

| ~ Kg | | | |
|-----------------|-------|-------|------|
| PCD 617-09 C B5 | H | V | F |
| 63 | 123.5 | 123.5 | 94.5 |
| 71 | 124 | 124 | 95 |
| 80 | 125.5 | 125.5 | 96.5 |
| 90 | 125.5 | 125.5 | 96.5 |

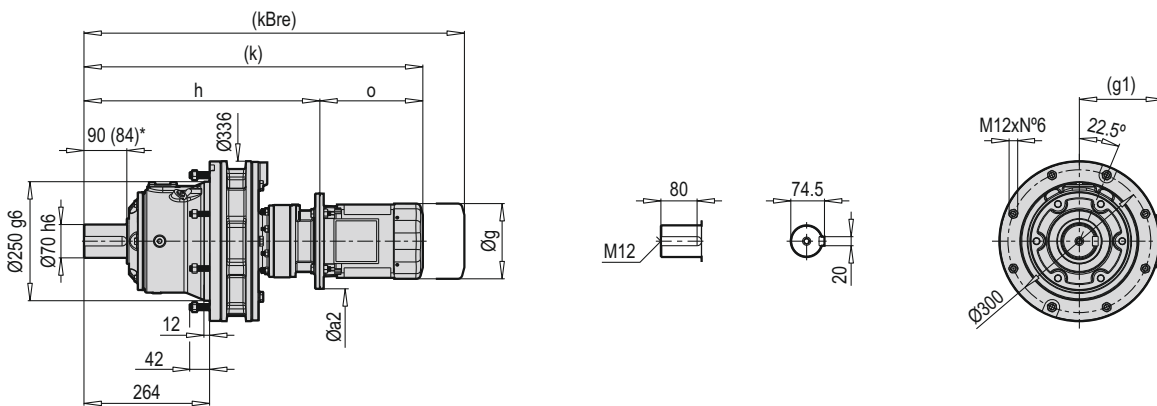
PCD 617-10 HXM



PCD 617-10 VXM



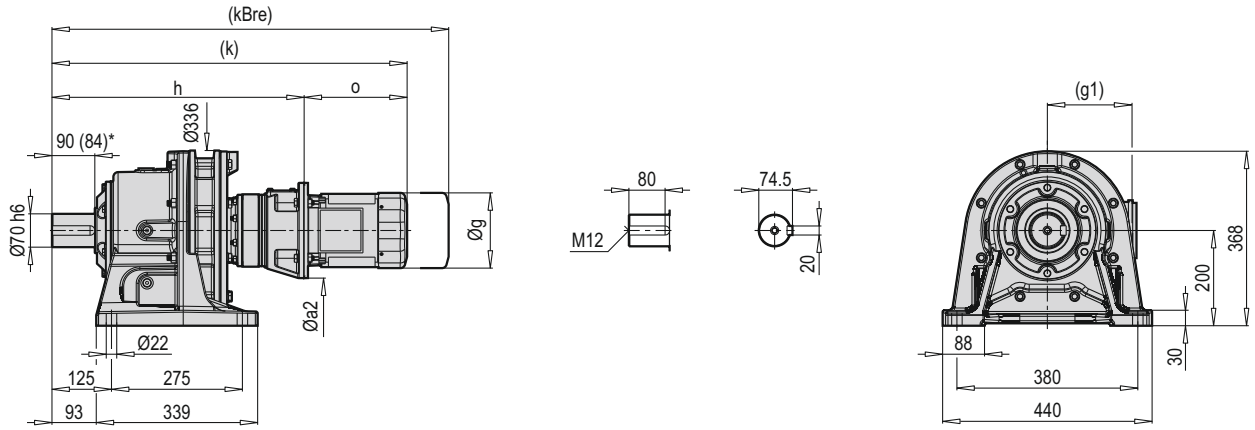
PCD 617-10 FXM



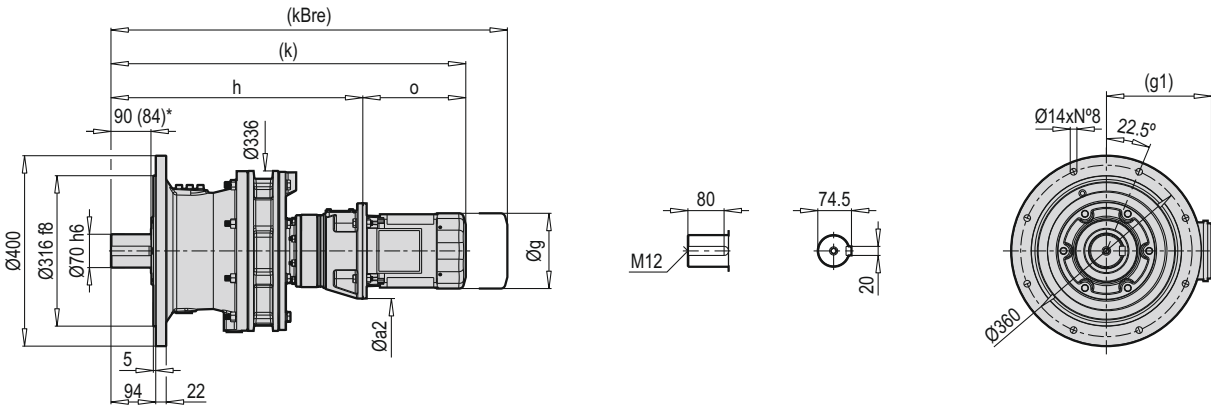
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|-------|-----|-------|-------|-------|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 466.5 | 466.5 | 663 | 663 | 716.5 | 722.5 | 196.5 | 196.5 |
| 71 | 160 | 105 | 138 | 119 | 479 | 479 | 702 | 702 | 762 | 764.5 | 223 | 223 |
| 80 | 200 | 120 | 165 | 134.5 | 480.5 | 481 | 709.5 | 710 | 855 | 793.5 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 498.5 | 499 | 791.5 | 792 | 921.5 | 922 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 510.5 | 511 | 850.5 | 851 | 933.5 | 947.5 | 340 | 340 |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

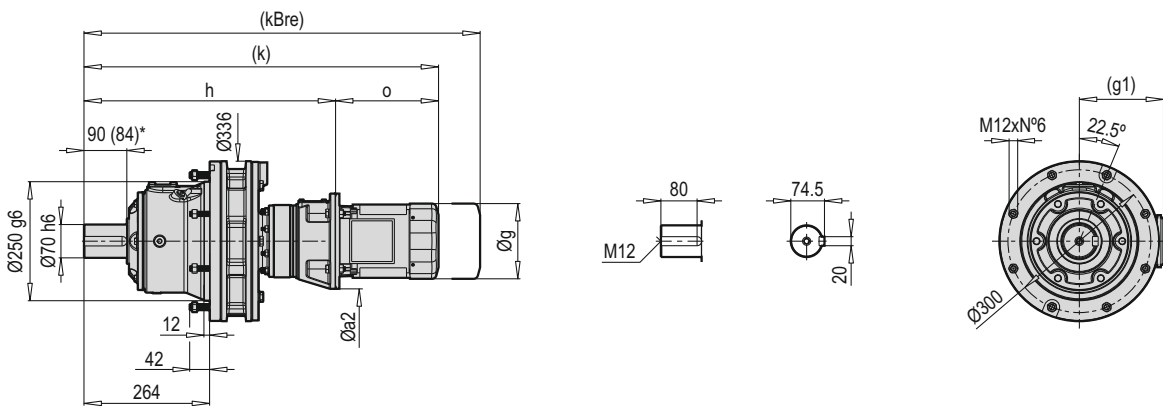
PCD 617-10 HCM



PCD 617-10 VCM



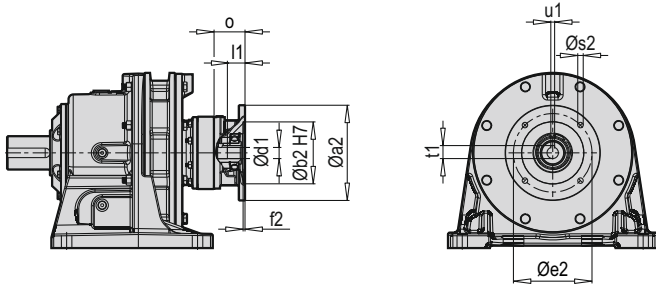
PCD 617-10 FCM



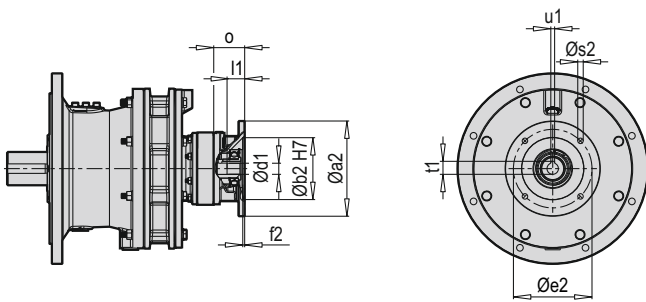
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-------|-------|-------|-------|
| 63 | 140 | 123 | 111 | 514 | 710.5 | 764 | 196.5 |
| 71 | 160 | 138 | 119 | 519 | 742 | 802 | 223 |
| 80 | 200 | 165 | 134.5 | 529 | 758 | 841.5 | 229 |
| 90 | 200 | 179 | 129 | 539 | 832 | 900.5 | 293 |
| 100 | 250 | 199 | 154.5 | 555.5 | 895.5 | 978.5 | 340 |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

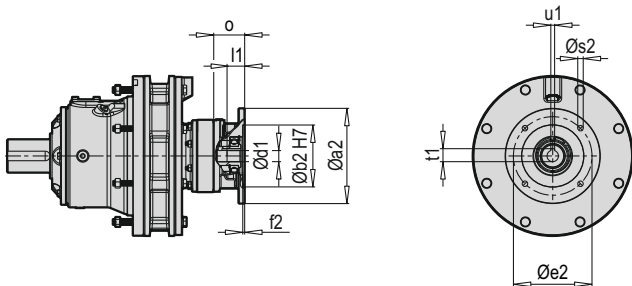
PCD 617-10 HX



PCD 617-10 VX



PCD 617-10 FX



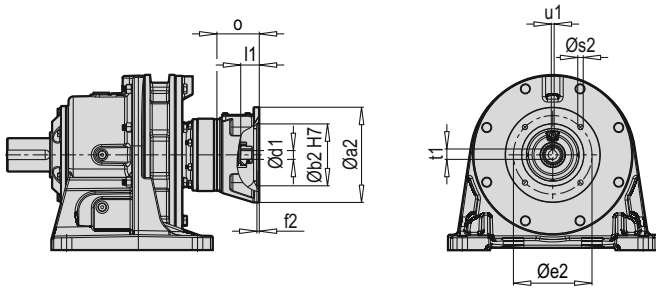
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|------|------|----|------|
| PCD 617-10 | 63 | 140 | 95 | 115 | 4 | M8 | 11 | 19.5 | 12.8 | 4 | 32.5 |
| | 71 | 160 | 110 | 130 | 4 | M8 | 14 | 30 | 16.3 | 5 | 45 |
| | 80 | 200 | 130 | 165 | 4 | 11 | 19 | 34 | 21.8 | 6 | 47 |
| | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 37 | 27.3 | 8 | 65 |
| | 100 | 250 | 180 | 215 | 4.5 | 14 | 28 | 46 | 31.3 | 8 | 77 |

| ~ Kg | | | |
|--------------------|-------|-------|------|
| PCD 617-10 X B5 | H | V | F |
| 63 | 121.5 | 121.5 | 92.5 |
| 71 | 121.5 | 121.5 | 92.5 |
| 80 | 124 | 124 | 95 |
| 90 | 124 | 124 | 95 |
| 100 | 126.5 | 126.5 | 97.5 |

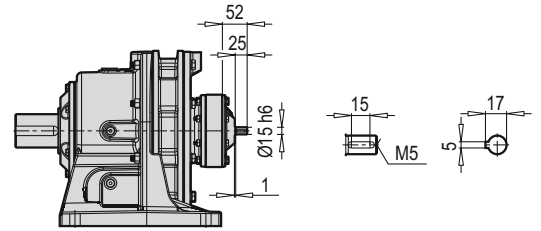
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|------|------|----|------|
| PCD 617-10 | 63 | 91 | 60 | 75 | 4 | 6 | 11 | 19.5 | 12.8 | 4 | 32.5 |
| | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 30 | 16.3 | 5 | 45 |
| | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 34 | 24.8 | 6 | 47 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 37 | 27.3 | 8 | 65 |
| | 100 | 160 | 110 | 130 | 4.5 | 9 | 28 | 46 | 31.3 | 8 | 77 |

| ~ Kg | | | |
|---------------------|-------|-------|------|
| PCD 617-10 X B14 | H | V | F |
| 63 | 121 | 121 | 92 |
| 71 | 121 | 121 | 92 |
| 80 | 123 | 123 | 94 |
| 90 | 123 | 123 | 94 |
| 100 | 125.5 | 125.5 | 96.5 |

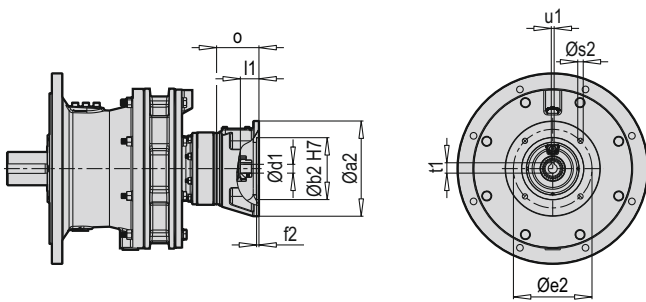
PCD 617-10 HC



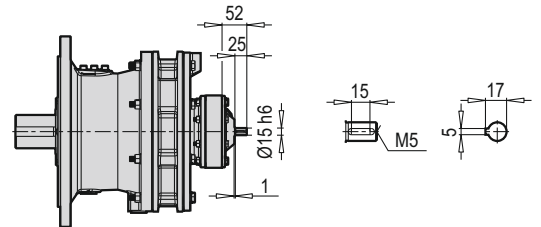
PCD 617-10 HW



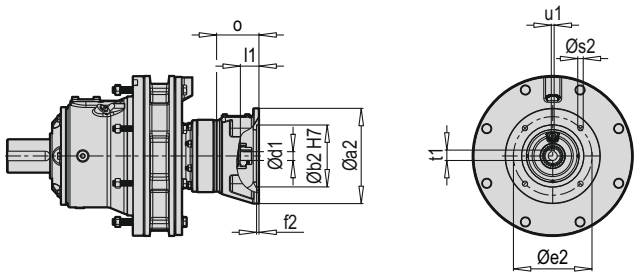
PCD 617-10 VC



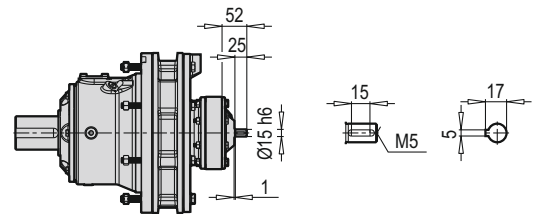
PCD 617-10 VW



PCD 617-10 FC



PCD 617-10 FW

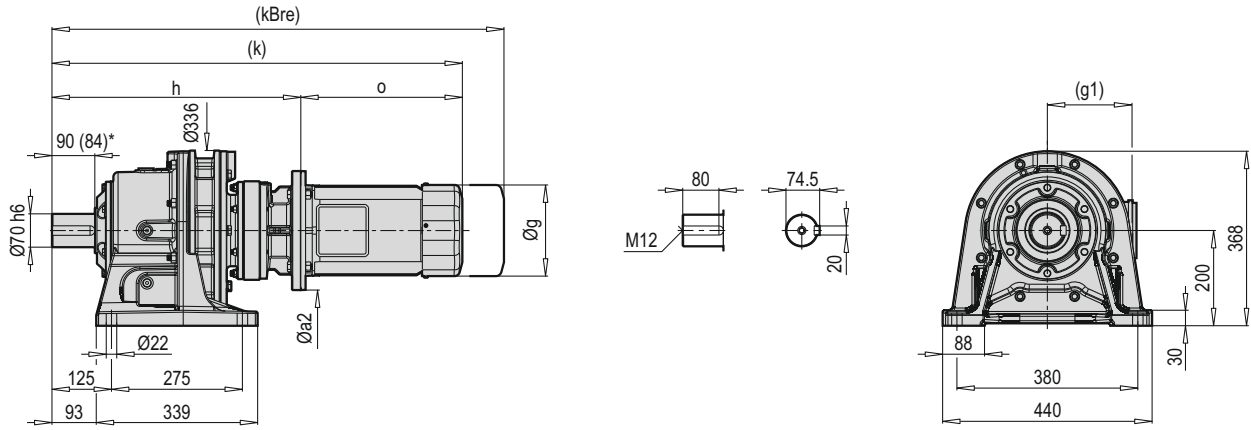


| ~ Kg | | | |
|--------------|-----|-----|----|
| PCD 617-10 W | H | V | F |
| | 122 | 122 | 93 |

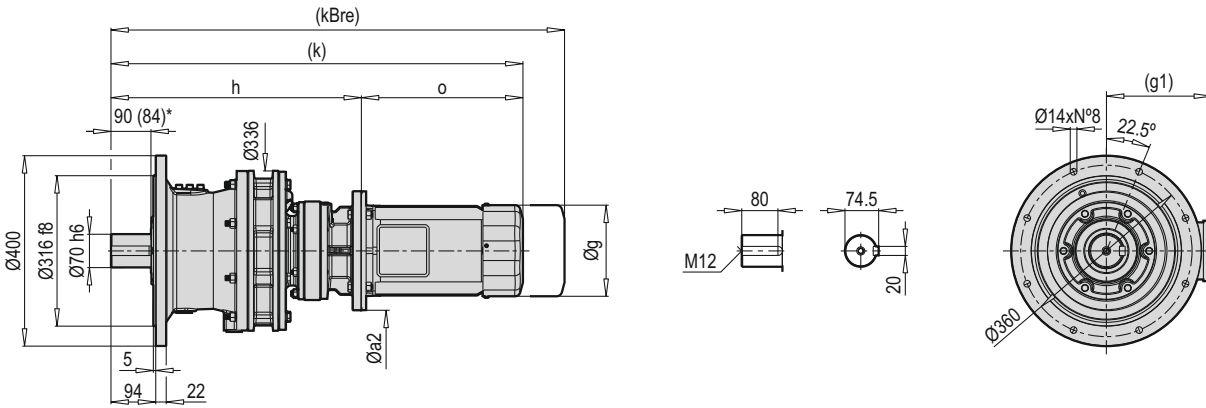
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|------|------|----|-------|
| PCD 617-10 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 24 | 12.8 | 4 | 74 |
| | 71 | 160 | 110 | 130 | 4 | 10 | 14 | 31 | 16.3 | 5 | 79 |
| | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 40 | 21.8 | 6 | 89 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 99 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 61.5 | 31.3 | 8 | 115.5 |

| ~ Kg | | | |
|-----------------|-------|-------|------|
| PCD 617-10 C B5 | H | V | F |
| 63 | 125.5 | 125.5 | 96.5 |
| 71 | 126 | 126 | 97 |
| 80 | 127.5 | 127.5 | 98.5 |
| 90 | 127.5 | 127.5 | 98.5 |
| 100 | 130 | 130 | 101 |

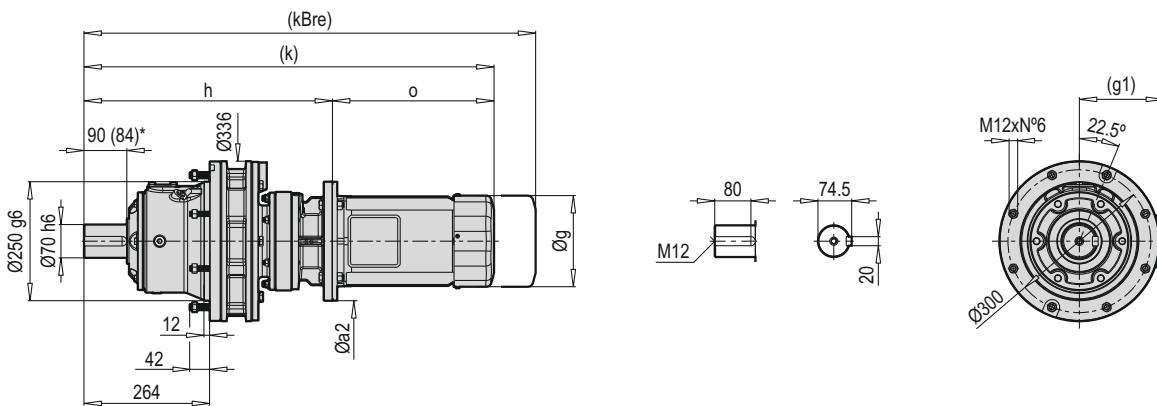
PCD 617-11 HXM



PCD 617-11 VXM



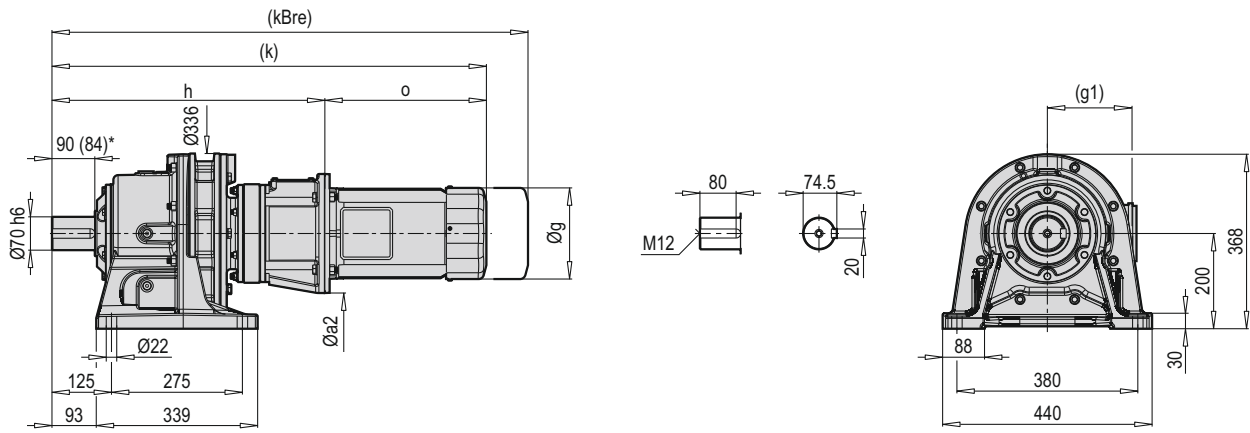
PCD 617-11 FXM



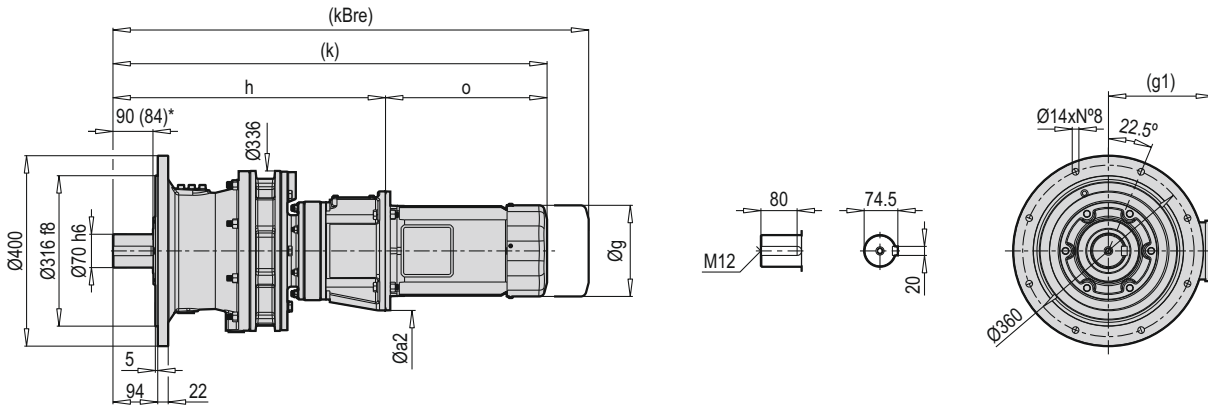
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-----|-----|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 71 | 160 | 105 | 138 | 119 | 495.5 | 495.5 | 718.5 | 718.5 | 778.5 | 781 | 223 | 223 |
| 80 | 200 | 120 | 165 | 134.5 | 499.5 | 499.5 | 728.5 | 728.5 | 812 | 812 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 509.5 | 509.5 | 802.5 | 802.5 | 871 | 870 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 526 | 526 | 866 | 866 | 949 | 949 | 340 | 340 |
| 112 | 250 | 160 | 219 | 158.5 | 526 | 526 | 862 | 862 | 949 | 962.5 | 336 | 336 |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

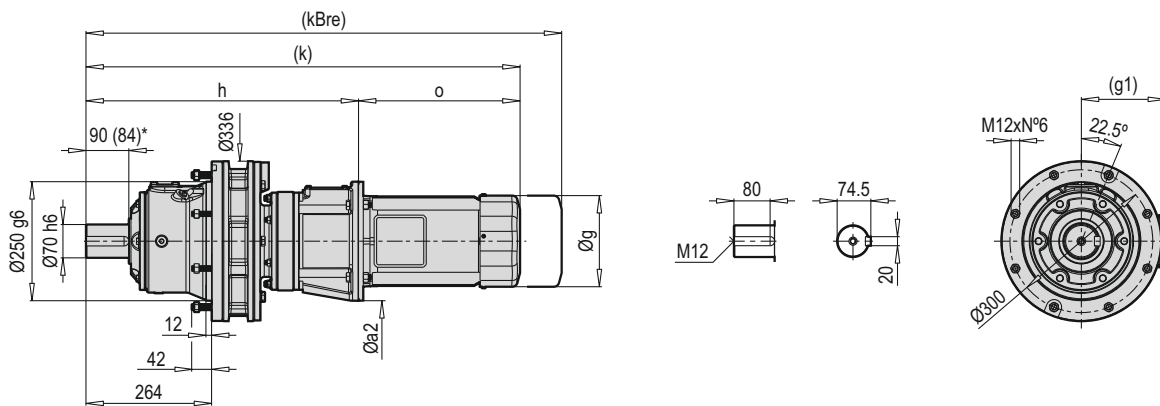
PCD 617-11 HCM



PCD 617-11 VCM



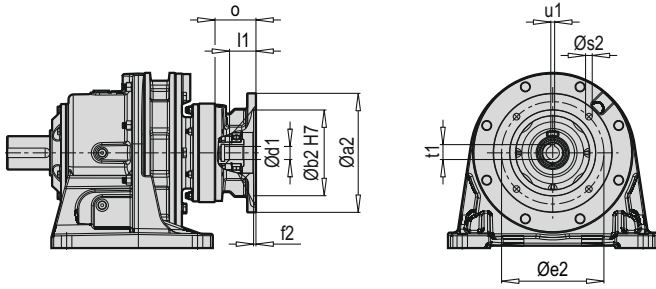
PCD 617-11 FCM



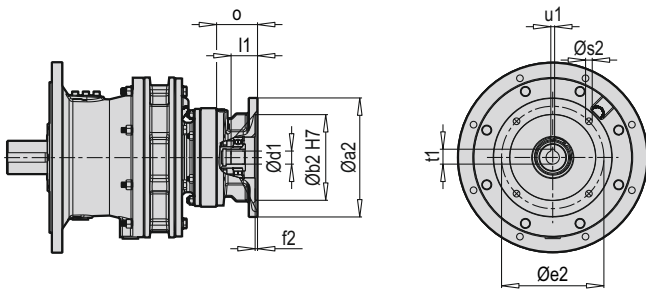
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-------|-------|-------|-----|
| 71 | 160 | 138 | 119 | 549.5 | 772.5 | 832.5 | 223 |
| 80 | 200 | 165 | 134.5 | 566.5 | 795.5 | 879 | 229 |
| 90 | 200 | 179 | 129 | 566.5 | 859.5 | 928 | 293 |
| 100 | 250 | 199 | 154.5 | 576.5 | 916.5 | 999.5 | 340 |
| 112 | 250 | 219 | 158.5 | 576.5 | 912.5 | 999.5 | 336 |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

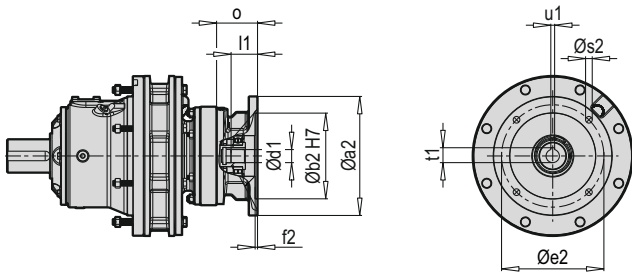
PCD 617-11 HX



PCD 617-11 VX



PCD 617-11 FX



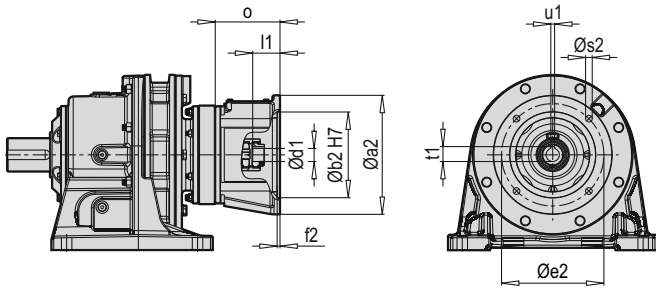
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|------|-----|------|------|----|------|
| PCD 617-11 | 71 | 160 | 110 | 130 | 4 | M8 | 14 | 30 | 16.3 | 5 | 55 |
| | 80 | 200 | 130 | 165 | 4 | 11.5 | 19 | 34 | 21.8 | 6 | 59 |
| | 90 | 200 | 130 | 165 | 4 | 11.5 | 24 | 46 | 27.3 | 8 | 69 |
| | 100 | 250 | 180 | 215 | 5 | 14 | 28 | 55.5 | 31.3 | 8 | 85.5 |
| | 112 | 250 | 180 | 215 | 5 | 14 | 28 | 55.5 | 31.3 | 8 | 85.5 |

| ~ Kg | | | |
|--------------------|-------|-------|-------|
| PCD 617-11 X B5 | H | V | F |
| 71 | 129 | 129 | 100 |
| 80 | 131.5 | 131.5 | 102.5 |
| 90 | 131.5 | 131.5 | 102.5 |
| 100 | 134 | 134 | 105 |
| 112 | 134 | 134 | 105 |

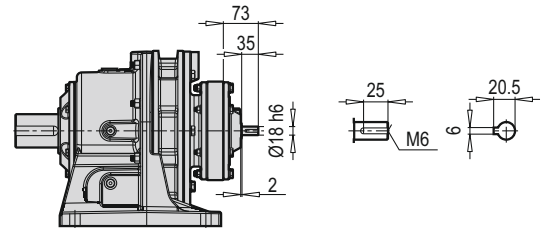
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|------|------|----|------|
| PCD 617-11 | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 30 | 16.3 | 5 | 55 |
| | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 34 | 21.8 | 6 | 59 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 46 | 27.3 | 8 | 69 |
| | 100 | 160 | 110 | 130 | 5 | 9 | 28 | 55.5 | 31.3 | 8 | 85.5 |
| | 112 | 160 | 110 | 130 | 5 | 9 | 28 | 55.5 | 31.3 | 8 | 85.5 |

| ~ Kg | | | |
|---------------------|-------|-------|-------|
| PCD 617-11 X B14 | H | V | F |
| 71 | 128.5 | 128.5 | 99.5 |
| 80 | 130.5 | 130.5 | 101.5 |
| 90 | 130.5 | 130.5 | 101.5 |
| 100 | 133 | 133 | 104 |
| 112 | 133 | 133 | 104 |

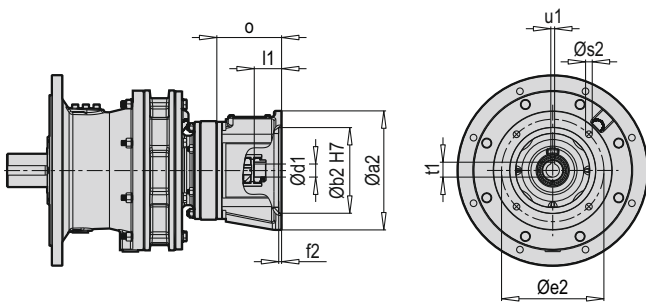
PCD 617-11 HC



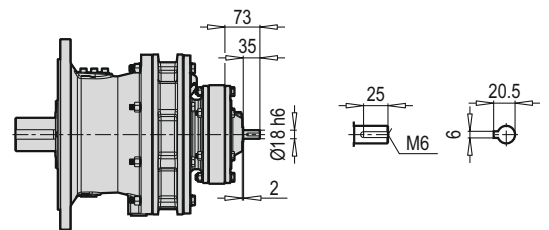
PCD 617-11 HW



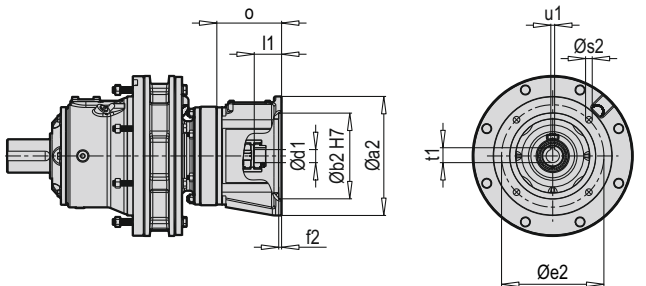
PCD 617-11 VC



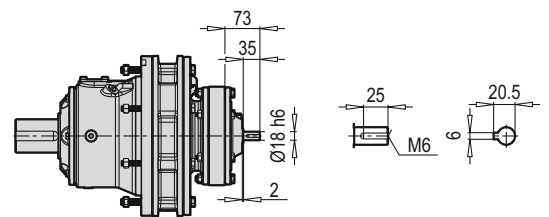
PCD 617-11 VW



PCD 617-11 FC



PCD 617-11 FW

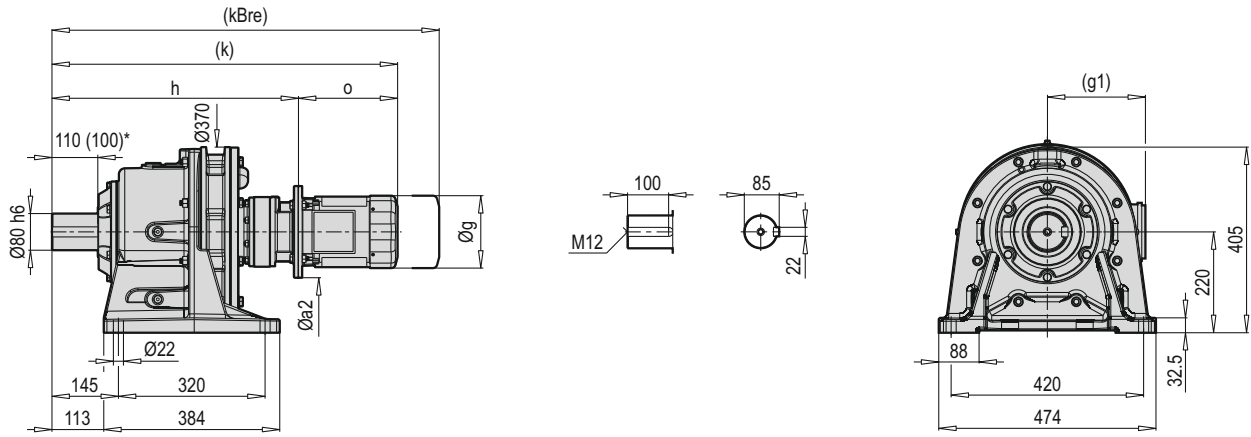


| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 617-11 W | H | V | F |
| | 130 | 130 | 101 |

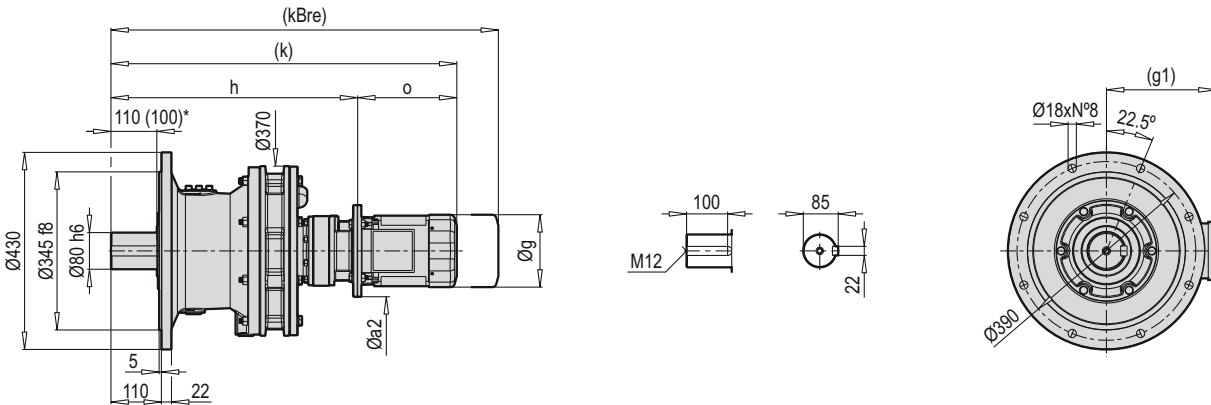
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-------|-----|-----|----|-----|-----|------|------|----|-----|
| PCD 617-11 | 71 | 159.5 | 110 | 130 | 4 | 10 | 14 | 30 | 16.3 | 5 | 95 |
| | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 45 | 21.8 | 6 | 115 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 115 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 58.5 | 31.3 | 8 | 125 |
| | 112 | 250 | 180 | 215 | 6 | 14 | 28 | 58.5 | 31.3 | 8 | 125 |

| ~ Kg | | | |
|-----------------|-------|-------|-------|
| PCD 617-11 C B5 | H | V | F |
| 71 | 136.5 | 136.5 | 107.5 |
| 80 | 138 | 138 | 109 |
| 90 | 138 | 138 | 109 |
| 100 | 140 | 140 | 111 |
| 112 | 140 | 140 | 111 |

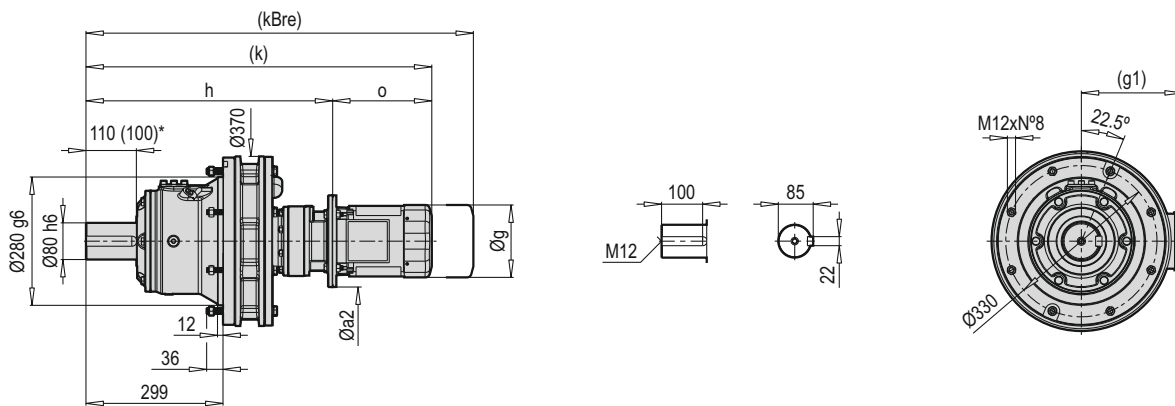
PCD 618-10 HXM



PCD 618-10 VXM



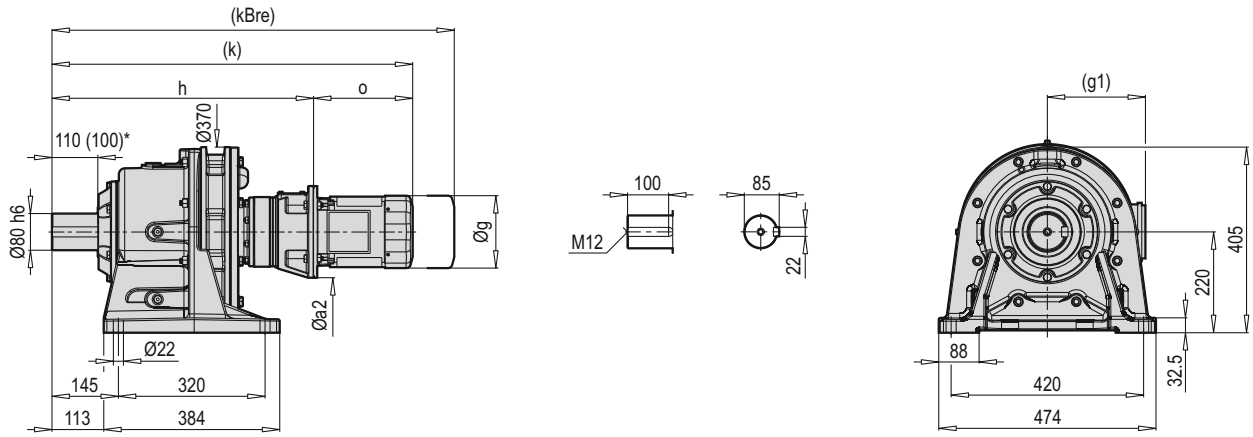
PCD 618-10 FXM



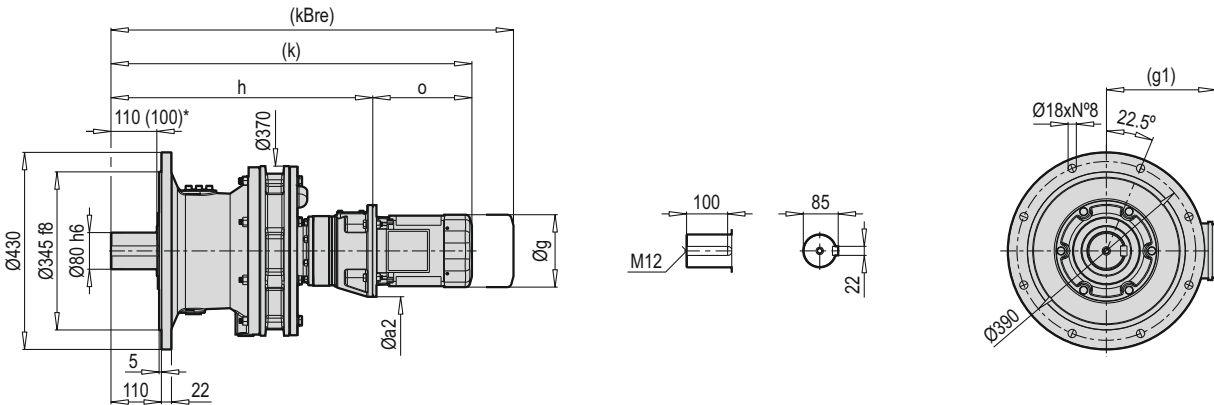
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 63 | 140 | 91 | 123 | 111 | 509 | 509 | 705.5 | 705.5 | 759 | 765 | 196.5 | 196.5 |
| 71 | 160 | 105 | 138 | 119 | 521.5 | 521.5 | 744.5 | 744.5 | 804.5 | 807 | 223 | 223 |
| 80 | 200 | 120 | 165 | 134.5 | 523 | 523.5 | 752 | 752.5 | 835.5 | 836 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 541 | 541.5 | 834 | 834.5 | 902.5 | 902 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 533 | 553.5 | 893 | 913.5 | 976 | 976.5 | 340 | 360 |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

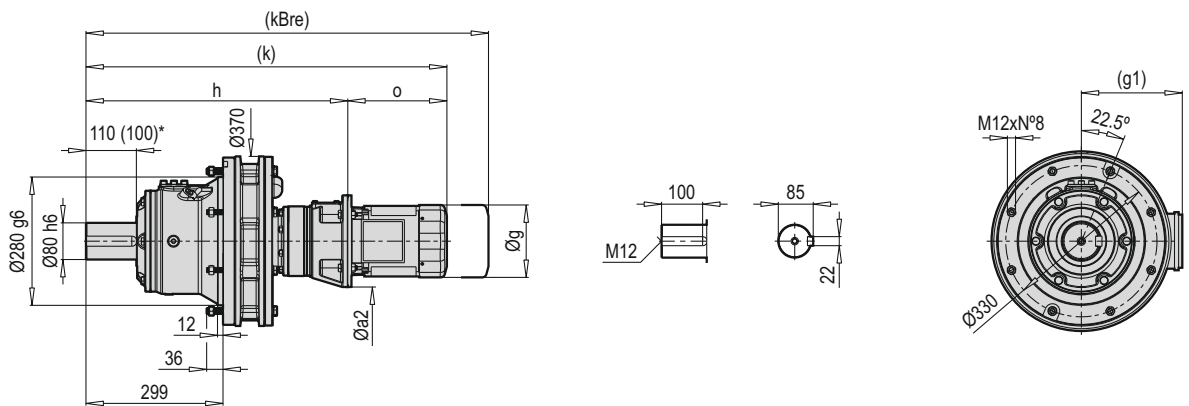
PCD 618-10 HCM



PCD 618-10 VCM



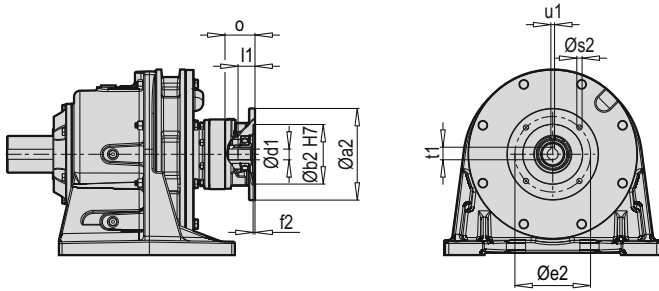
PCD 618-10 FCM



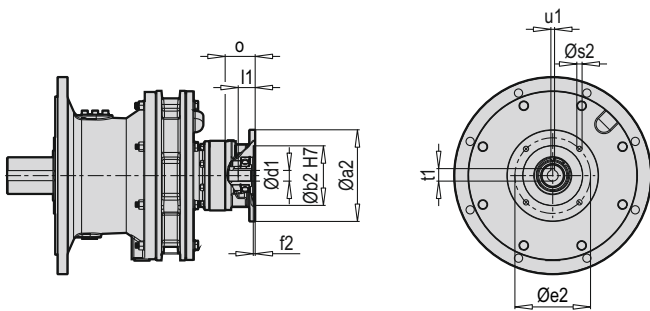
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-------|-------|-------|-------|
| 63 | 140 | 123 | 111 | 556.5 | 753 | 806.5 | 196.5 |
| 71 | 160 | 138 | 119 | 561.5 | 784.5 | 844.5 | 223 |
| 80 | 200 | 165 | 134.5 | 571.5 | 800.5 | 884 | 229 |
| 90 | 200 | 179 | 129 | 581.5 | 874.5 | 943 | 293 |
| 100 | 250 | 199 | 154.5 | 598 | 938 | 1021 | 340 |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

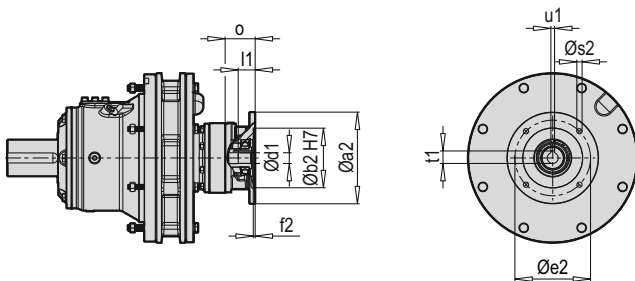
PCD 618-10 HX



PCD 618-10 VX



PCD 618-10 FX



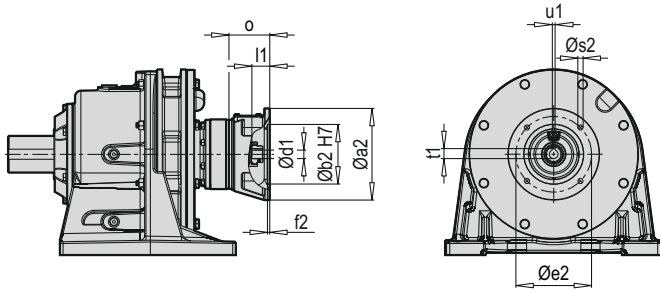
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|------|------|----|------|
| PCD 618-10 | 63 | 140 | 95 | 115 | 4 | M8 | 11 | 19.5 | 12.8 | 4 | 32.5 |
| | 71 | 160 | 110 | 130 | 4 | M8 | 14 | 30 | 16.3 | 5 | 45 |
| | 80 | 200 | 130 | 165 | 4 | 11 | 19 | 34 | 21.8 | 6 | 47 |
| | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 37 | 27.3 | 8 | 65 |
| | 100 | 250 | 180 | 215 | 4.5 | 14 | 28 | 46 | 31.3 | 8 | 77 |

| ~ Kg | | | |
|--------------------|-----|-----|-----|
| PCD 618-10 X B5 | H | V | F |
| 63 | 177 | 164 | 144 |
| 71 | 177 | 164 | 144 |
| 80 | 179 | 166 | 146 |
| 90 | 179 | 166 | 146 |
| 100 | 181 | 168 | 148 |

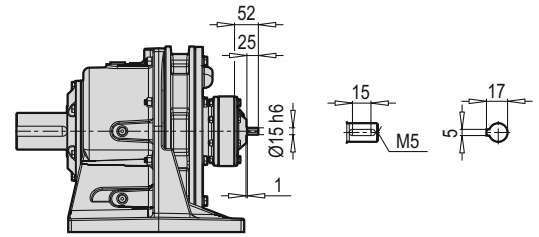
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|------|------|----|------|
| PCD 618-10 | 63 | 91 | 60 | 75 | 4 | 6 | 11 | 19.5 | 12.8 | 4 | 32.5 |
| | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 30 | 16.3 | 5 | 45 |
| | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 34 | 21.8 | 6 | 47 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 37 | 27.3 | 8 | 65 |
| | 100 | 160 | 110 | 130 | 4.5 | 9 | 28 | 46 | 31.3 | 8 | 77 |

| ~ Kg | | | |
|---------------------|-----|-----|-----|
| PCD 618-10 X B14 | H | V | F |
| 63 | 176 | 163 | 143 |
| 71 | 176 | 163 | 143 |
| 80 | 178 | 165 | 145 |
| 90 | 178 | 165 | 145 |
| 100 | 180 | 167 | 147 |

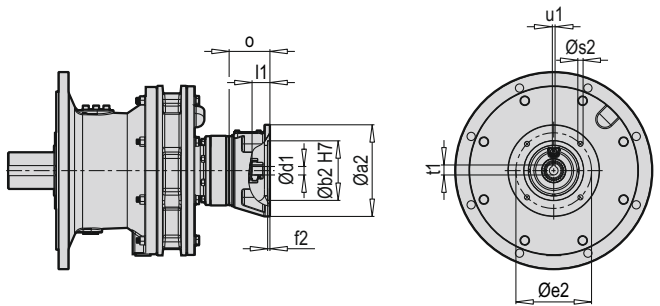
PCD 618-10 HC



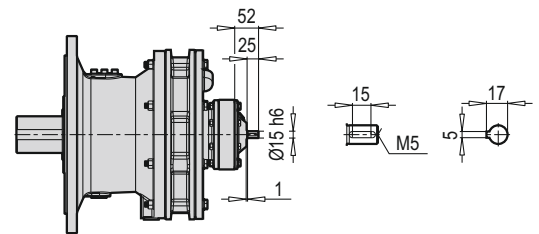
PCD 618-10 HW



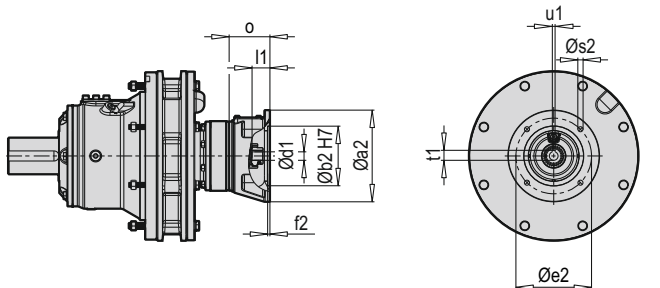
PCD 618-10 VC



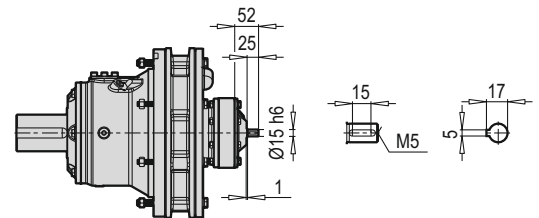
PCD 618-10 VW



PCD 618-10 FC



PCD 618-10 FW

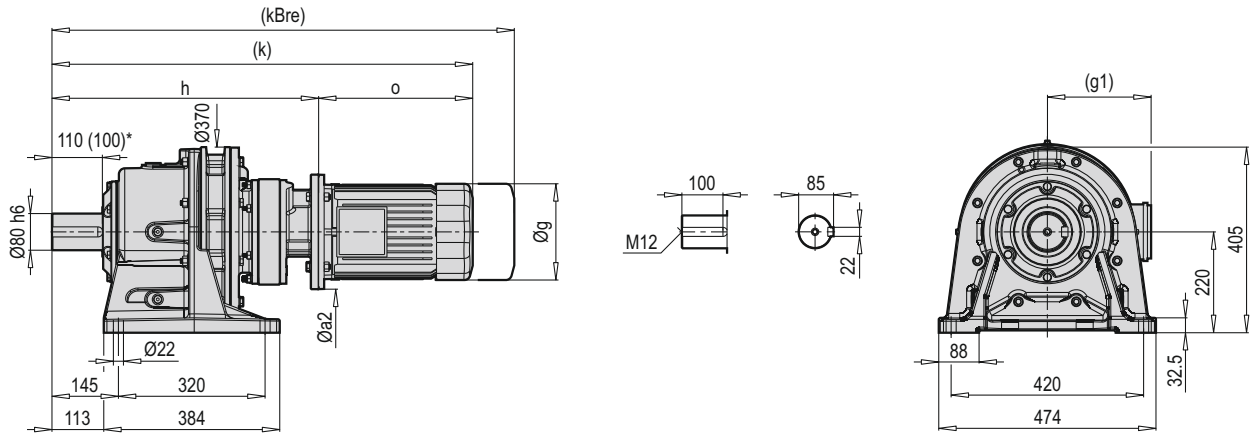


| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 618-10 W | H | V | F |
| | 166 | 153 | 133 |

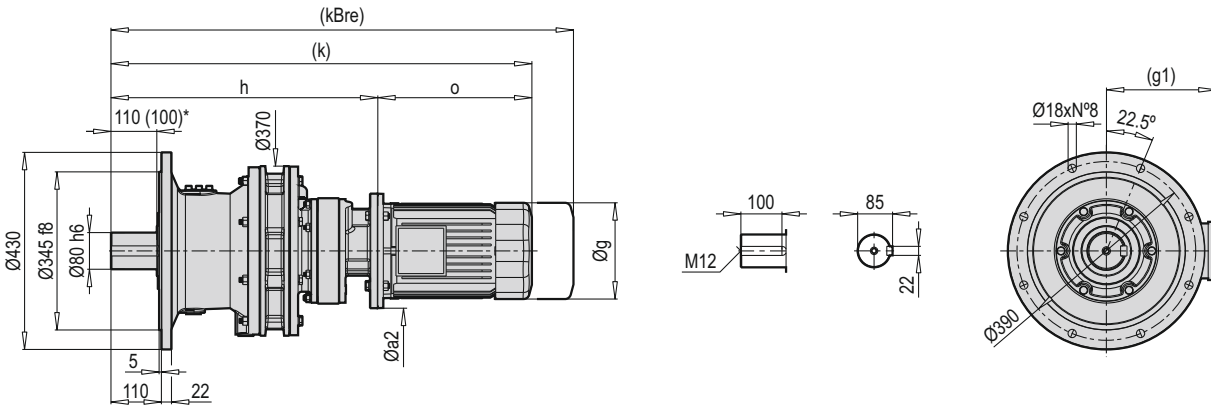
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|-----|-----|-----|------|------|----|-------|
| PCD 618-10 | 63 | 140 | 95 | 115 | 4 | 10 | 11 | 24 | 12.8 | 4 | 74 |
| | 71 | 160 | 110 | 130 | 4 | 10 | 14 | 31 | 16.3 | 5 | 79 |
| | 80 | 200 | 130 | 165 | 4.5 | 11 | 19 | 40 | 21.8 | 6 | 89 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 99 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 61.5 | 31.3 | 8 | 115.5 |

| ~ Kg | | | |
|-----------------|-------|-------|-------|
| PCD 618-10 C B5 | H | V | F |
| 63 | 169.5 | 156.5 | 136.5 |
| 71 | 170 | 157 | 137 |
| 80 | 171.5 | 158.5 | 138.5 |
| 90 | 171.5 | 158.5 | 138.5 |
| 100 | 174 | 161 | 141 |

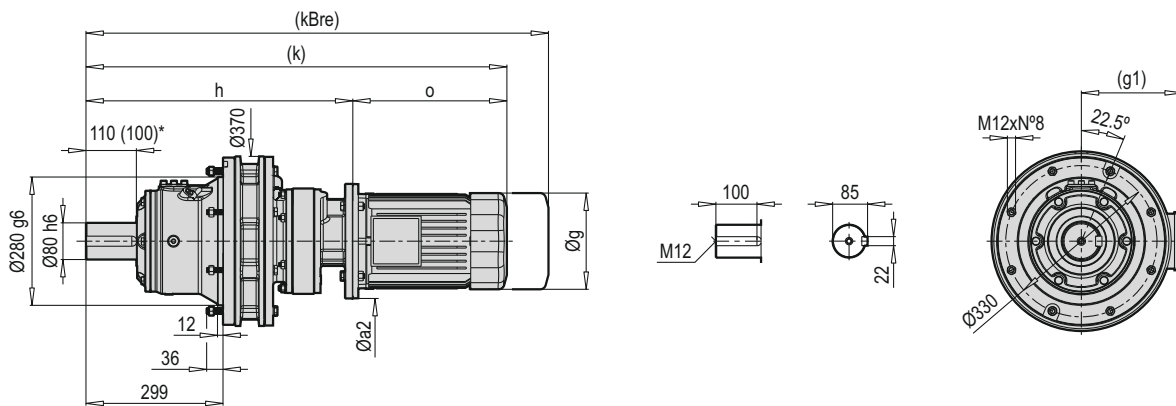
PCD 618-13 HXM



PCD 618-13 VXM



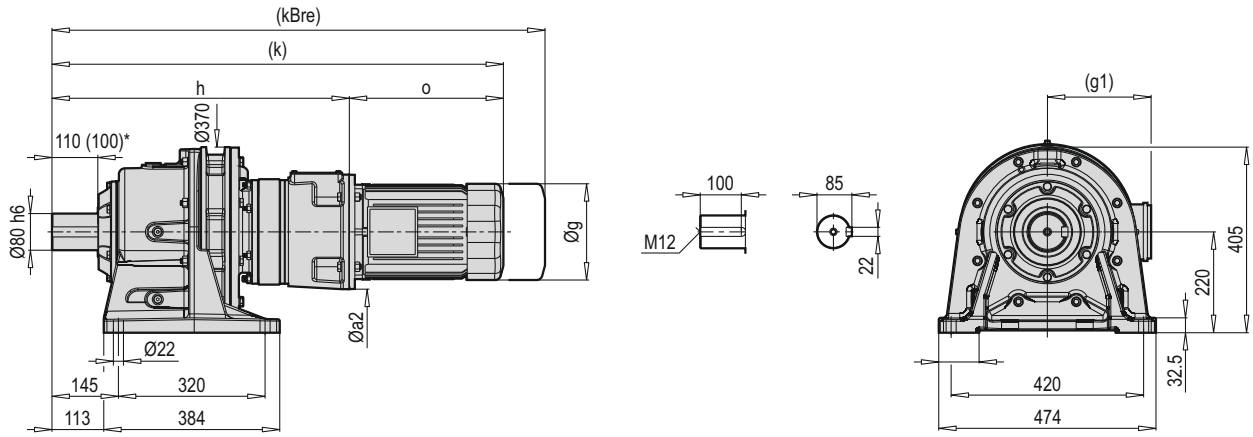
PCD 618-13 FXM



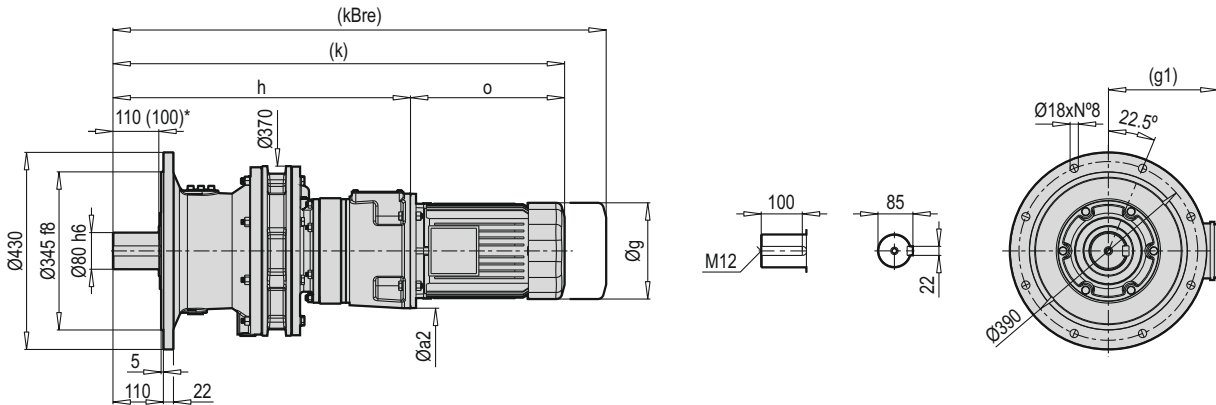
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|-------|--------|--------|--------|-----|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 80 | 200 | 120 | 165 | 134.5 | 552 | 552 | 751 | 751 | 864.5 | 834.5 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 567 | 567 | 860 | 860 | 928.5 | 927.5 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 582.5 | 582.5 | 922.5 | 922.5 | 1005.5 | 1005.5 | 340 | 340 |
| 112 | 250 | 160 | 219 | 158.5 | 582.5 | 582.5 | 918.5 | 918.5 | 1005.5 | 1019 | 336 | 336 |
| 132 | 300 | 200 | 270 | 187 | 608 | 608 | 987 | 1008.5 | 1128 | 1108 | 379 | 400.5 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

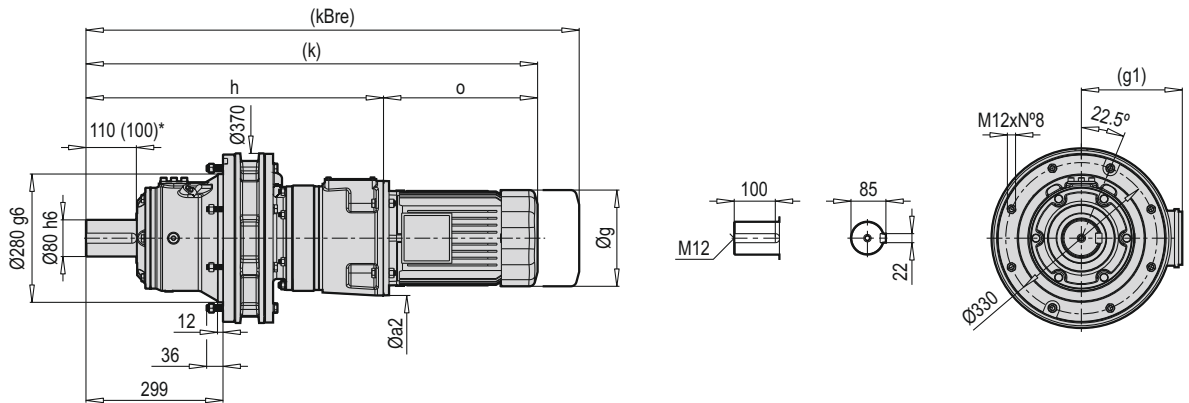
PCD 618-13 HCM



PCD 618-13 VCM



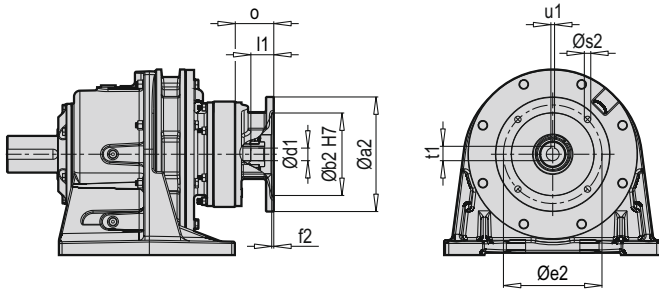
PCD 618-13 FCM



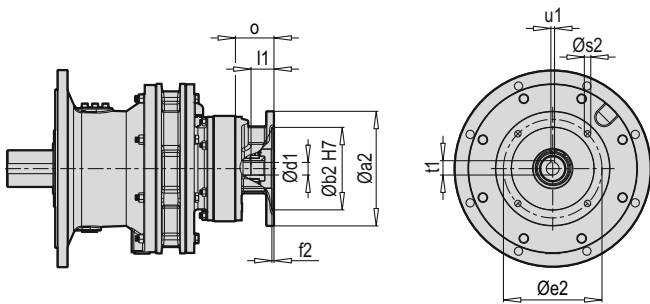
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-------|--------|--------|-----|
| 80 | 200 | 165 | 134.5 | 632.5 | 861.5 | 945 | 229 |
| 90 | 200 | 179 | 129 | 632.5 | 925.5 | 993 | 293 |
| 100 | 250 | 199 | 154.5 | 649.5 | 989.5 | 1072.5 | 340 |
| 112 | 250 | 219 | 158.5 | 649.5 | 985.5 | 1086 | 336 |
| 132 | 300 | 270 | 187 | 669.5 | 1048.5 | 1169.5 | 379 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

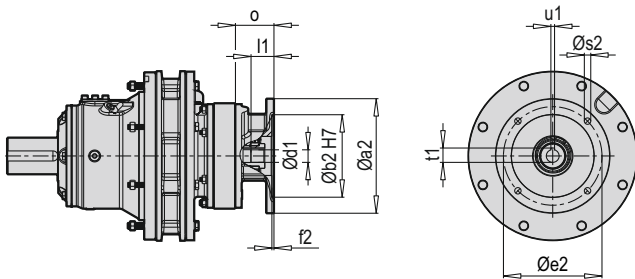
PCD 618-13 HX



PCD 618-13 VX



PCD 618-13 FX



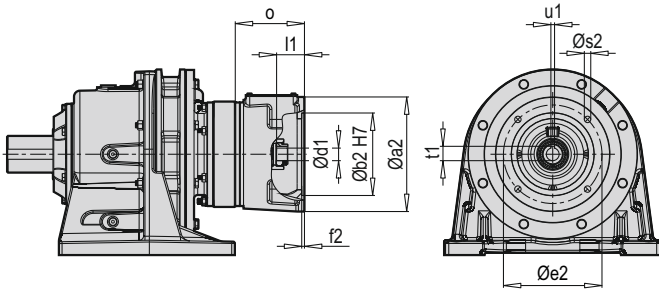
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|----|------|----|-------|
| PCD 618-13 | 80 | 200 | 130 | 165 | 5 | M10 | 19 | 30 | 21.8 | 6 | 53.5 |
| | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 40 | 27.3 | 8 | 68.5 |
| | 100 | 250 | 180 | 215 | 4.5 | 14 | 28 | 50 | 31.3 | 8 | 84 |
| | 112 | 250 | 180 | 215 | 4.5 | 14 | 28 | 50 | 31.3 | 8 | 84 |
| | 132 | 300 | 230 | 265 | 5 | 14 | 38 | 61 | 41.3 | 10 | 109.5 |

| ~ Kg | | | |
|--------------------|-----|-----|-----|
| PCD 618-13 X B5 | H | V | F |
| 80 | 186 | 173 | 153 |
| 90 | 186 | 173 | 153 |
| 100 | 188 | 175 | 155 |
| 112 | 188 | 175 | 155 |
| 132 | 193 | 180 | 160 |

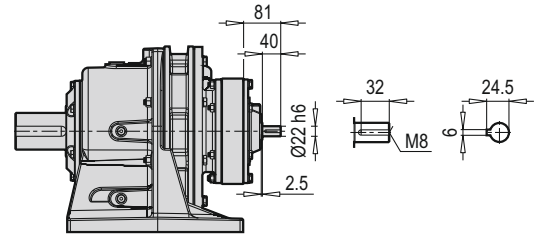
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|----|------|----|-------|
| PCD 618-13 | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 30 | 21.8 | 6 | 53.5 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 40 | 27.3 | 8 | 68.5 |
| | 100 | 160 | 110 | 130 | 4.5 | 9 | 28 | 50 | 31.3 | 8 | 84 |
| | 112 | 160 | 110 | 130 | 4.5 | 9 | 28 | 50 | 31.3 | 8 | 84 |
| | 132 | 200 | 130 | 165 | 5 | 11 | 38 | 61 | 41.3 | 10 | 109.5 |

| ~ Kg | | | |
|---------------------|-----|-----|-----|
| PCD 618-13 X B14 | H | V | F |
| 80 | 185 | 172 | 152 |
| 90 | 185 | 172 | 152 |
| 100 | 187 | 174 | 154 |
| 112 | 187 | 174 | 154 |
| 132 | 192 | 179 | 159 |

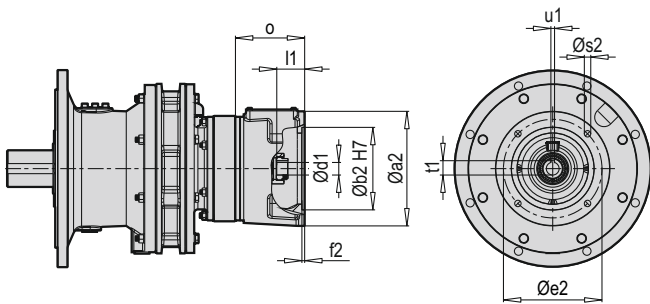
PCD 618-13 HC



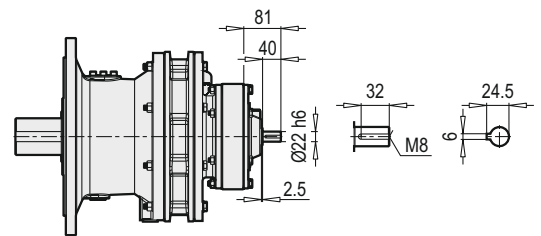
PCD 618-13 HW



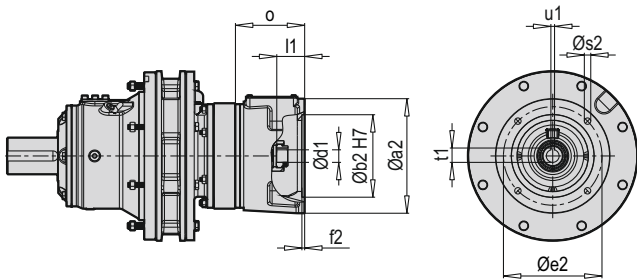
PCD 618-13 VC



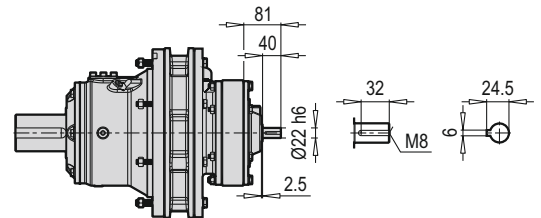
PCD 618-13 VW



PCD 618-13 FC



PCD 618-13 FW

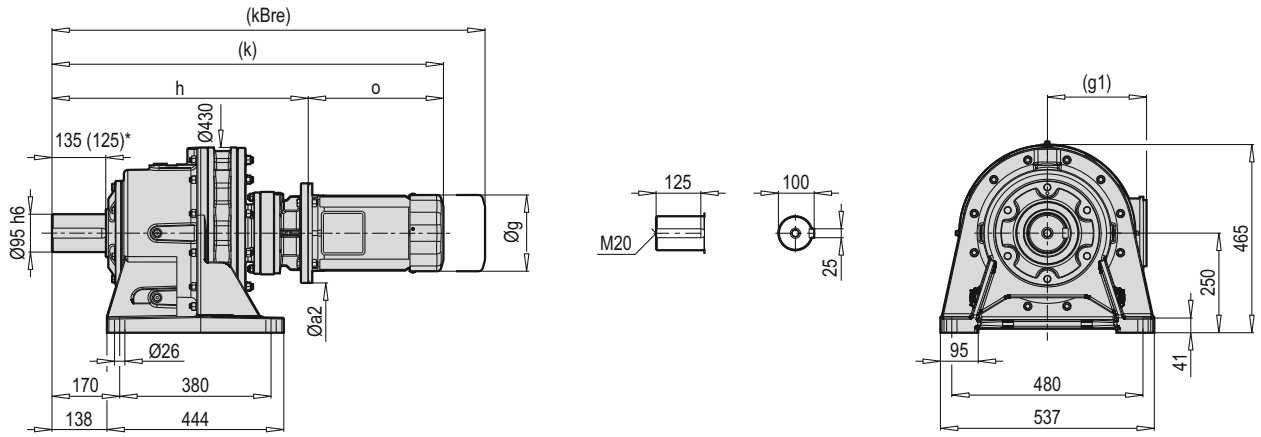


| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 618-13 W | H | V | F |
| | 185 | 172 | 152 |

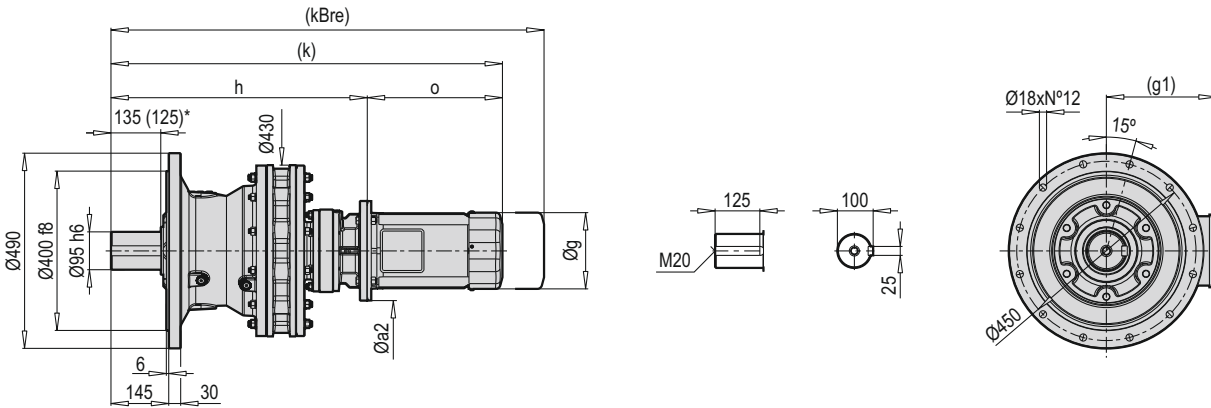
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|------|------|----|-----|
| PCD 618-13 | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 45 | 21.8 | 6 | 124 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 124 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 62 | 31.3 | 8 | 141 |
| | 112 | 250 | 180 | 215 | 6 | 14 | 28 | 62 | 31.3 | 8 | 141 |
| | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 82.5 | 41.3 | 10 | 161 |

| ~ Kg | | | |
|-----------------|-----|-----|-----|
| PCD 618-13 C B5 | H | V | F |
| 80 | 194 | 181 | 161 |
| 90 | 194 | 181 | 161 |
| 100 | 197 | 184 | 164 |
| 112 | 197 | 184 | 164 |
| 132 | 200 | 187 | 167 |

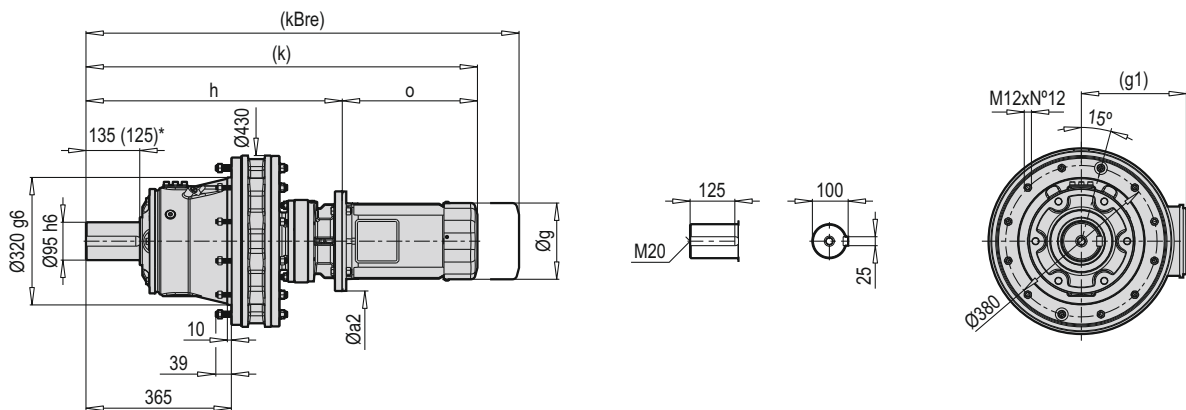
PCD 619-11 HXM



PCD 619-11 VXM



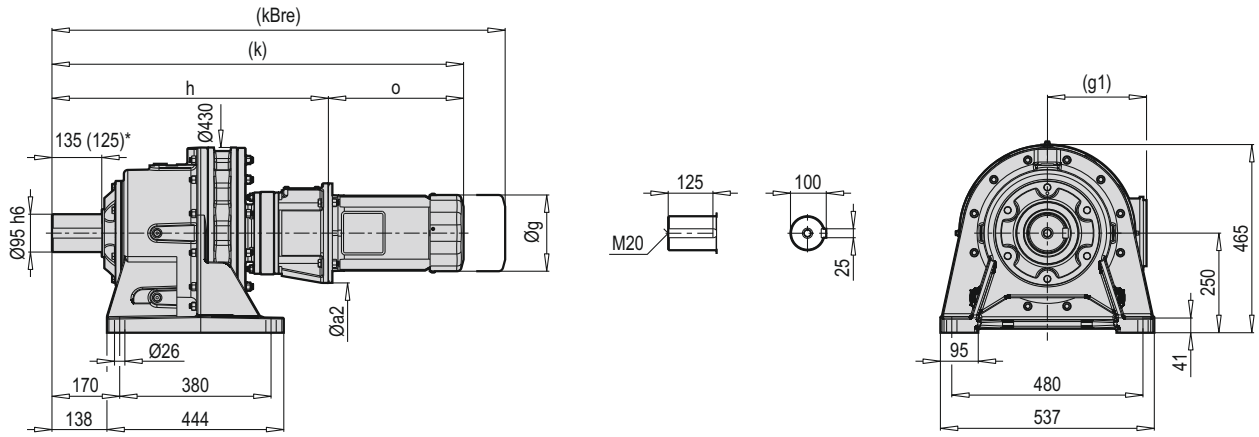
PCD 619-11 FXM



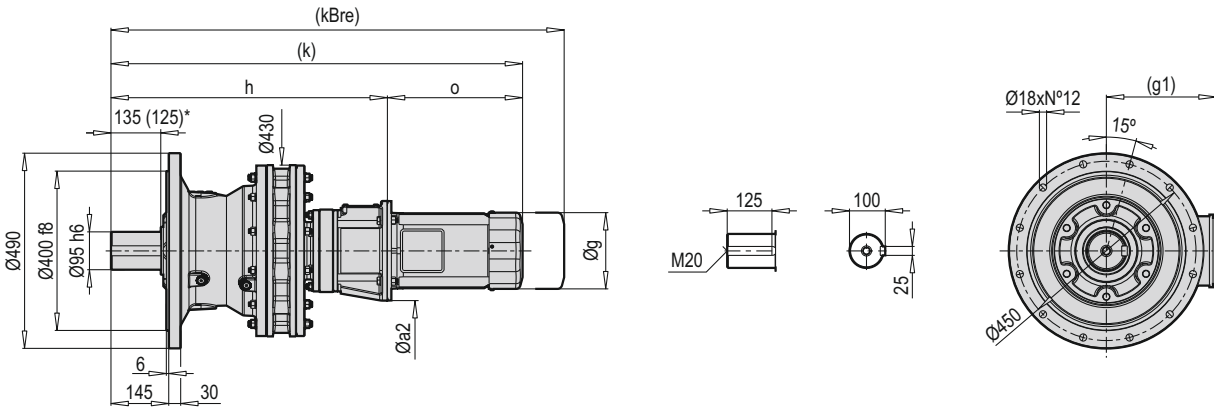
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|-------|-------|--------|--------|-----|-----|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 71 | 160 | 105 | 138 | 119 | 613 | 613 | 886 | 886 | 896 | 898.5 | 223 | 223 |
| 80 | 200 | 120 | 165 | 134.5 | 617 | 617 | 846 | 846 | 929.5 | 929.5 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 627 | 627 | 920 | 920 | 988.5 | 987.5 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 643.5 | 643.5 | 983.5 | 983.5 | 1066.5 | 1066.5 | 340 | 340 |
| 112 | 250 | 160 | 219 | 158.5 | 643.5 | 643.5 | 979.5 | 979.5 | 1066.5 | 1080 | 336 | 336 |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

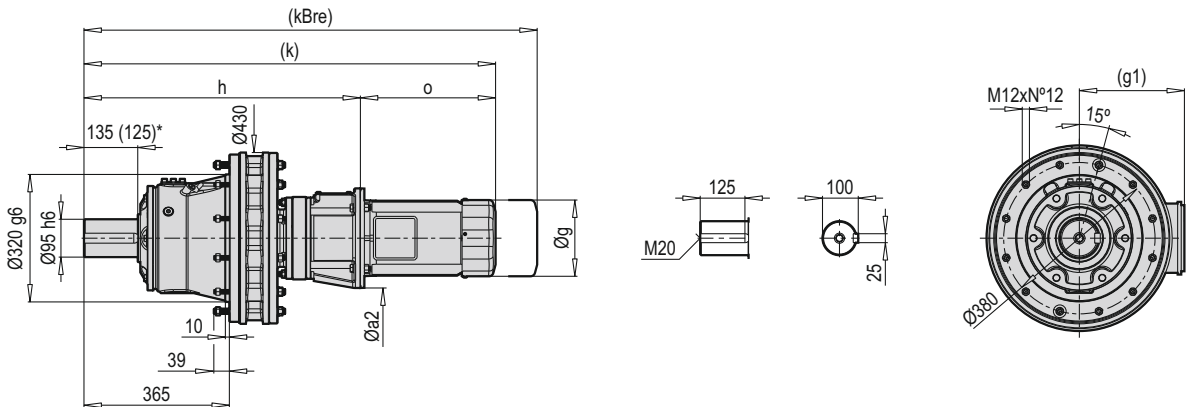
PCD 619-11 HCM



PCD 619-11 VCM



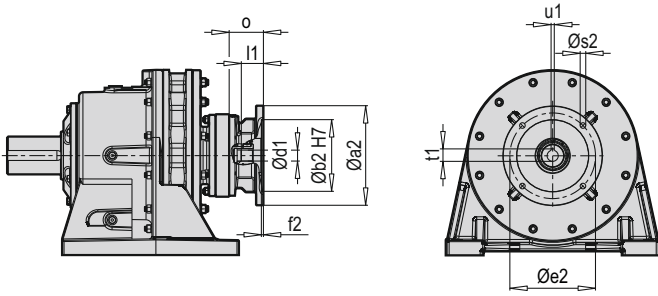
PCD 619-11 FCM



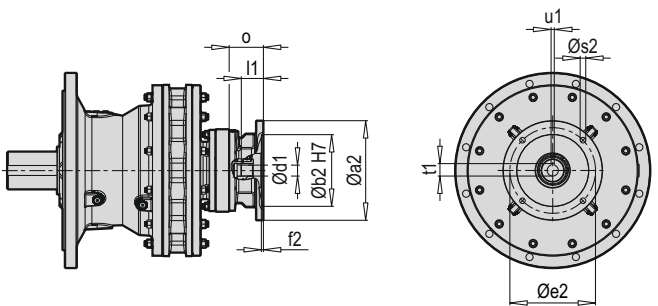
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-----|------|--------|-----|
| 71 | 160 | 138 | 119 | 664 | 887 | 947 | 223 |
| 80 | 200 | 165 | 134.5 | 684 | 913 | 996.5 | 229 |
| 90 | 200 | 179 | 129 | 684 | 977 | 1045.5 | 293 |
| 100 | 250 | 199 | 154.5 | 694 | 1034 | 1117 | 340 |
| 112 | 250 | 219 | 158.5 | 694 | 1030 | 1117 | 336 |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

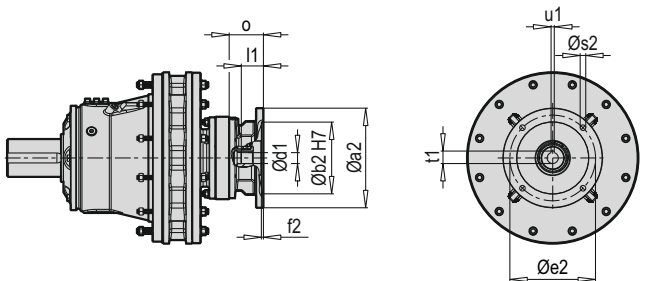
PCD 619-11 HX



PCD 619-11 VX



PCD 619-11 FX



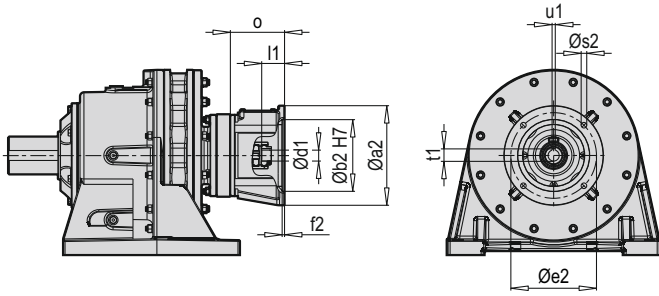
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|------|-----|------|------|----|------|
| PCD 619-11 | 71 | 160 | 110 | 130 | 4 | M8 | 14 | 30 | 16.3 | 5 | 55 |
| | 80 | 200 | 130 | 165 | 4 | 11.5 | 19 | 34 | 21.8 | 6 | 59 |
| | 90 | 200 | 130 | 165 | 4 | 11.5 | 24 | 46 | 27.3 | 8 | 69 |
| | 100 | 250 | 180 | 215 | 5 | 14 | 28 | 55.5 | 31.3 | 8 | 85.5 |
| | 112 | 250 | 180 | 215 | 5 | 14 | 28 | 55.5 | 31.3 | 8 | 85.5 |

| PCD 619-11 X B5 | ~ Kg | | |
|--------------------|-------|-------|-------|
| | H | V | F |
| 71 | 243.5 | 228.5 | 198.5 |
| 80 | 246 | 231 | 201 |
| 90 | 246 | 231 | 201 |
| 100 | 254 | 239 | 209 |
| 112 | 254 | 239 | 209 |

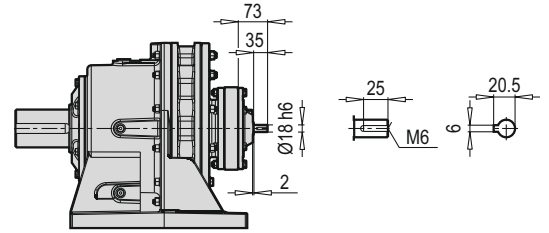
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|------|------|----|------|
| PCD 619-11 | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 30 | 16.3 | 5 | 55 |
| | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 34 | 21.8 | 6 | 59 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 46 | 27.3 | 8 | 69 |
| | 100 | 160 | 110 | 130 | 5 | 9 | 28 | 55.5 | 31.3 | 8 | 85.5 |
| | 112 | 160 | 110 | 130 | 5 | 9 | 28 | 55.5 | 31.3 | 8 | 85.5 |

| PCD 619-11 X B14 | ~ Kg | | |
|---------------------|------|-----|-----|
| | H | V | F |
| 71 | 243 | 228 | 198 |
| 80 | 245 | 230 | 200 |
| 90 | 245 | 230 | 200 |
| 100 | 253 | 238 | 208 |
| 112 | 253 | 238 | 208 |

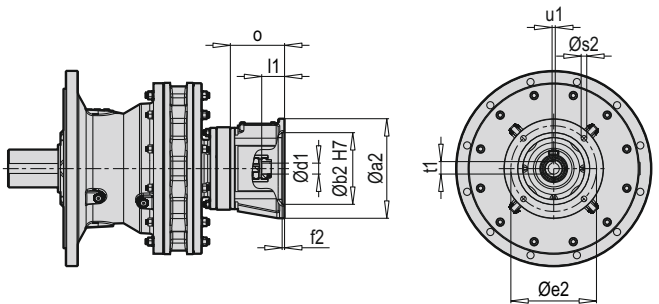
PCD 619-11 HC



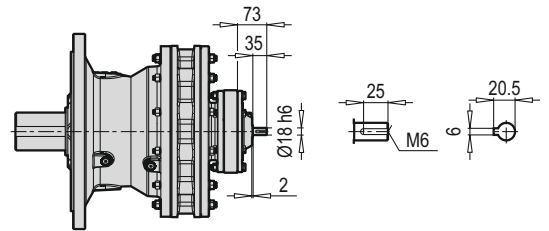
PCD 619-11 HW



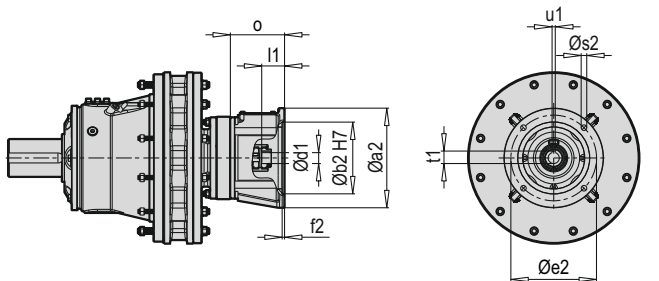
PCD 619-11 VC



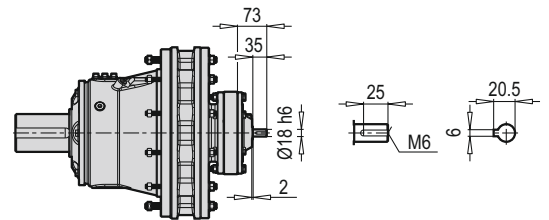
PCD 619-11 VW



PCD 619-11 FC



PCD 619-11 FW

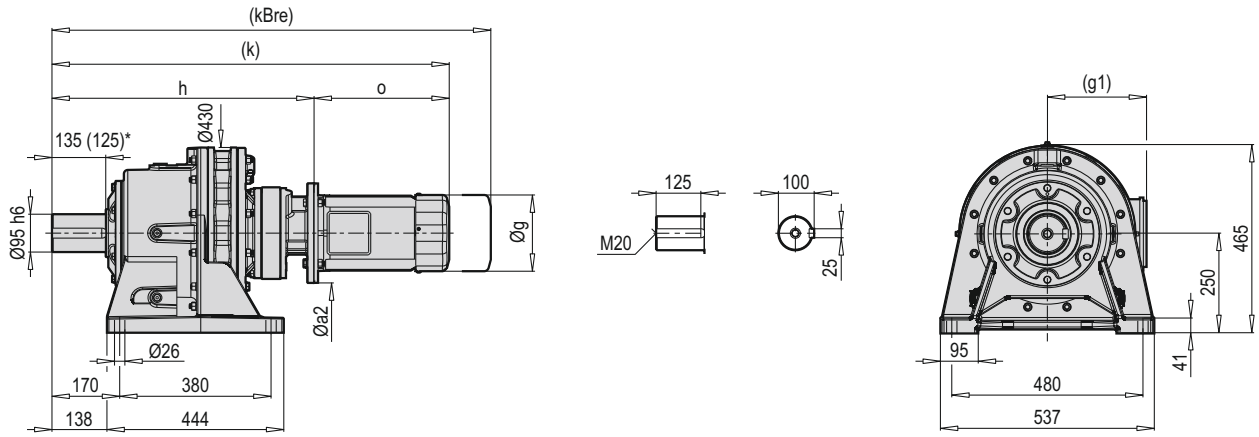


| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 619-11 W | H | V | F |
| | 240 | 225 | 195 |

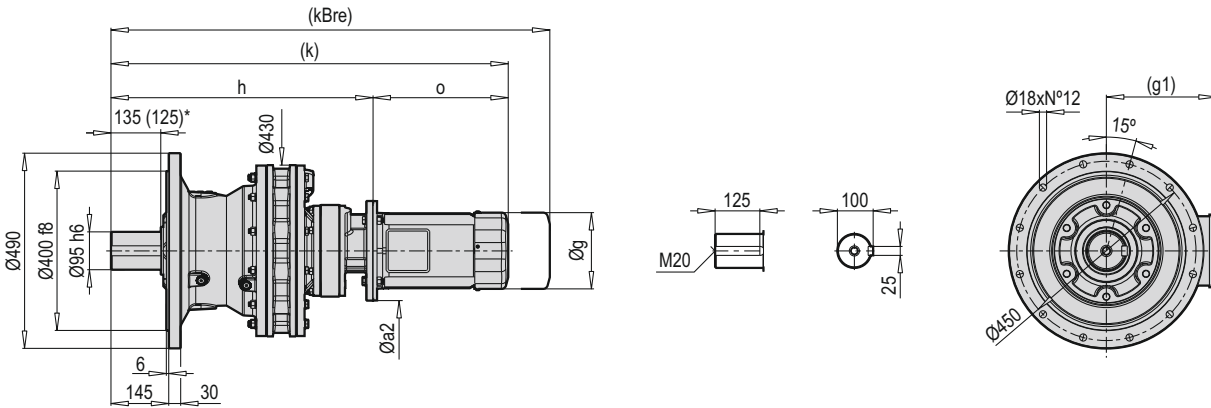
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-------|-----|-----|----|-----|-----|------|------|----|-----|
| PCD 619-11 | 71 | 159.5 | 110 | 130 | 4 | 10 | 14 | 30 | 16.3 | 5 | 95 |
| | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 45 | 21.8 | 6 | 115 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 115 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 58.5 | 31.3 | 8 | 125 |
| | 112 | 250 | 180 | 215 | 6 | 14 | 28 | 58.5 | 31.3 | 8 | 125 |

| ~ Kg | | | |
|-----------------|-------|-------|-------|
| PCD 619-11 C B5 | H | V | F |
| 71 | 246.5 | 231.5 | 201.5 |
| 80 | 248 | 233 | 203 |
| 90 | 248 | 233 | 203 |
| 100 | 250 | 235 | 205 |
| 112 | 250 | 235 | 205 |

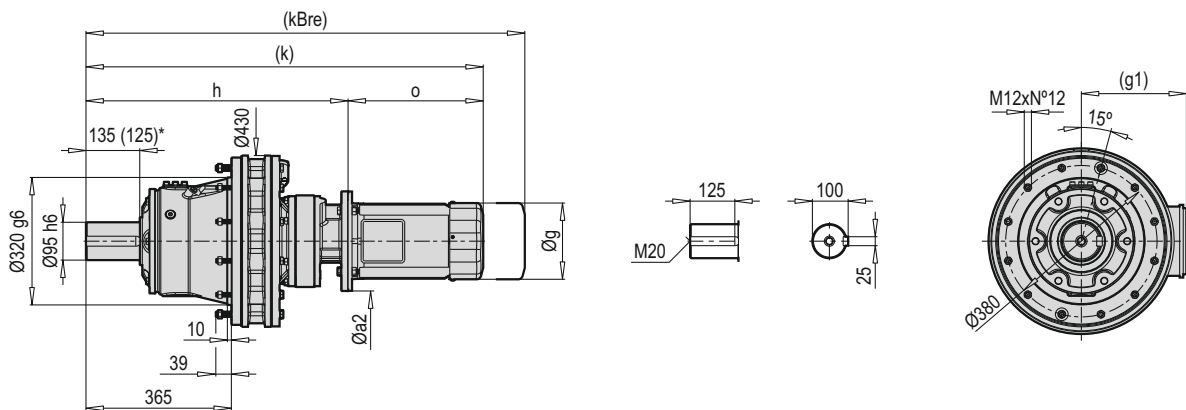
PCD 619-13 HXM



PCD 619-13 VXM



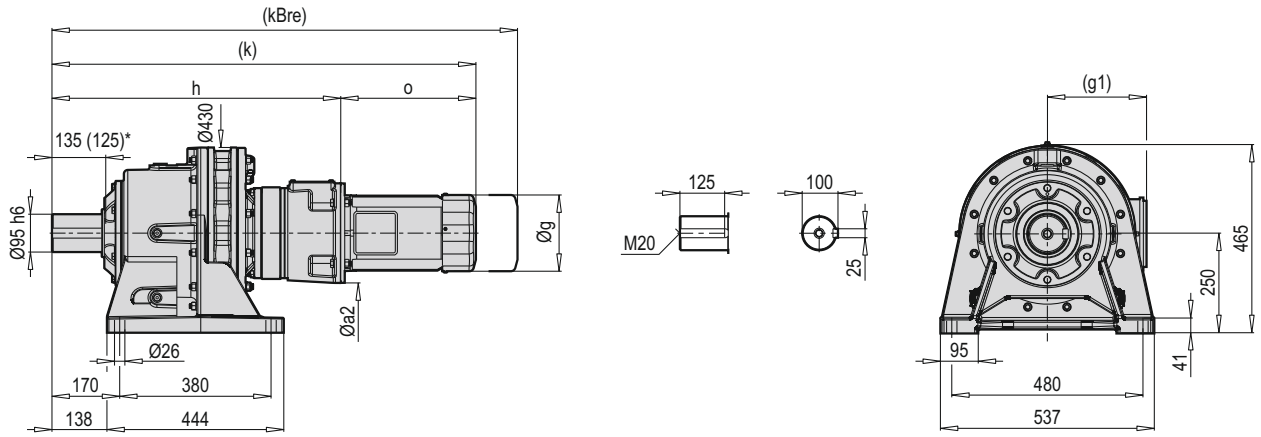
PCD 619-13 FXM



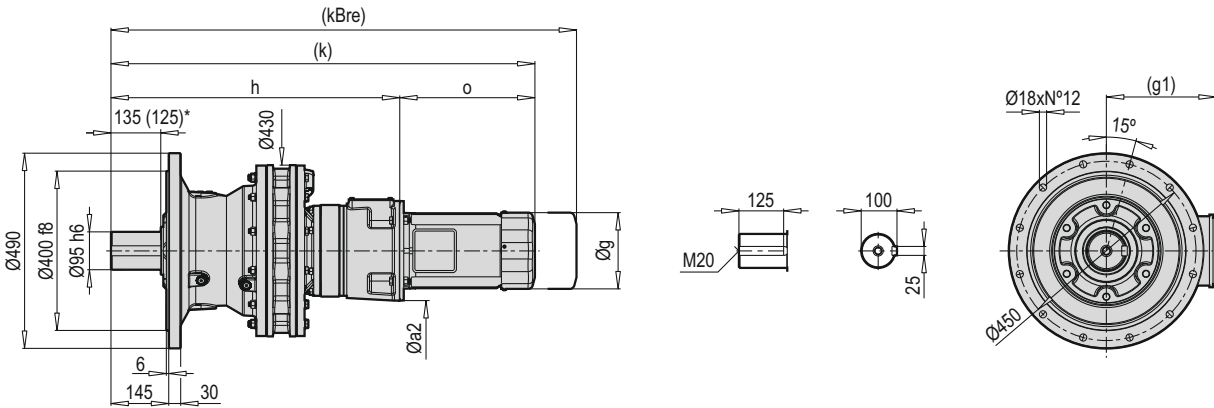
| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|--------|-------|--------|--------|-----|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 80 | 200 | 120 | 165 | 134.5 | 627.5 | 627.5 | 856.5 | 856.5 | 940 | 940 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 642.5 | 642.5 | 935.5 | 935.5 | 1004 | 1003 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 658 | 658 | 998 | 998 | 1081 | 1081 | 340 | 340 |
| 112 | 250 | 160 | 219 | 158.5 | 658 | 658 | 994 | 994 | 1081 | 1094.5 | 336 | 336 |
| 132 | 300 | 200 | 270 | 187 | 683.5 | 683.5 | 1062.5 | 1084 | 1203.5 | 1183.5 | 379 | 400.5 |

(* M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

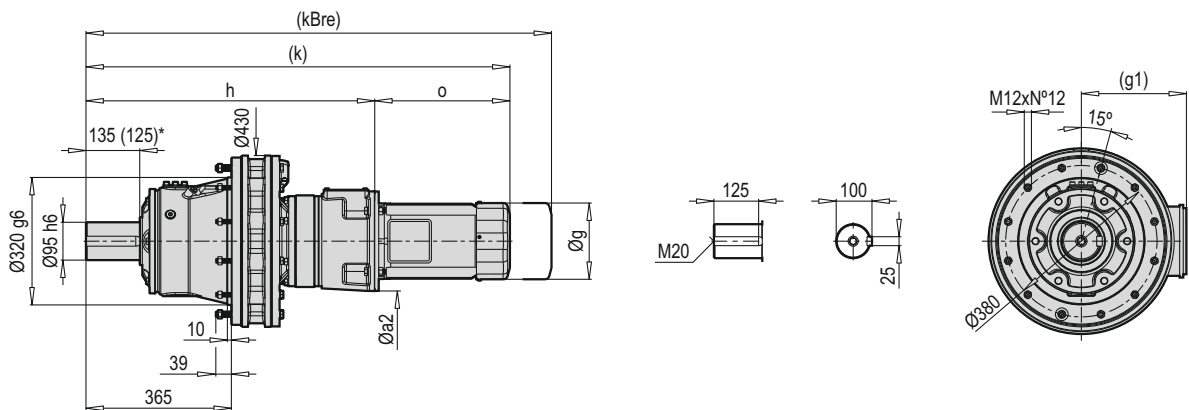
PCD 619-13 HCM



PCD 619-13 VCM



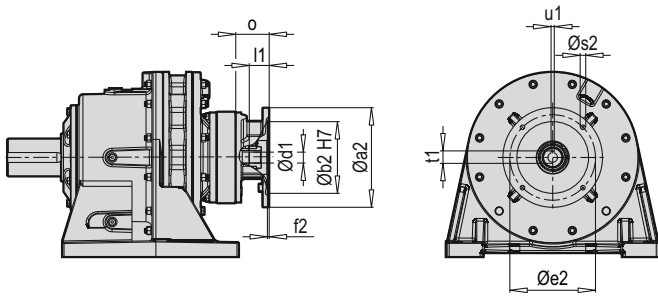
PCD 619-13 FCM



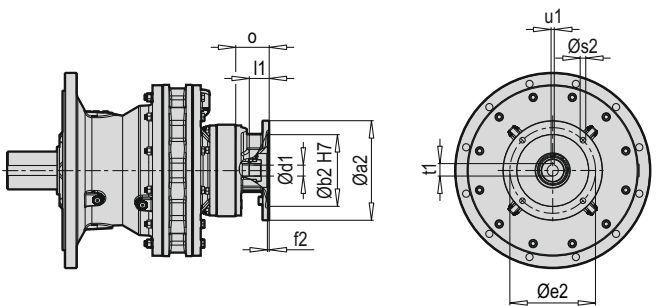
| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-----|------|--------|-----|
| 80 | 200 | 165 | 134.5 | 708 | 937 | 1020.5 | 229 |
| 90 | 200 | 179 | 129 | 708 | 1001 | 1069.5 | 293 |
| 100 | 250 | 199 | 154.5 | 725 | 1065 | 1148 | 340 |
| 112 | 250 | 219 | 158.5 | 725 | 1061 | 1148 | 336 |
| 132 | 300 | 270 | 187 | 745 | 1124 | 1265 | 379 |

(*) M4 pozisyonu için verilmiştir. / (*) Given for position M4. / (*) Angegeben für Position M4. / (*) Dato per la posizione M4. / (*) Donnè pour position M4. / (*) Dado para la posición M4.

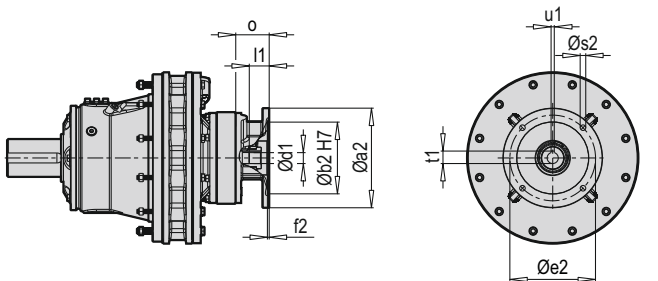
PCD 619-13 HX



PCD 619-13 VX



PCD 619-13 FX



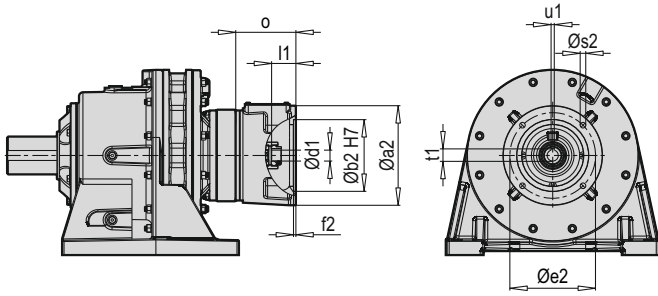
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|----|------|----|-------|
| PCD 619-13 | 80 | 200 | 130 | 165 | 5 | M10 | 19 | 30 | 21.8 | 6 | 53.5 |
| | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 40 | 27.3 | 8 | 68.5 |
| | 100 | 250 | 180 | 215 | 4.5 | 14 | 28 | 50 | 31.3 | 8 | 84 |
| | 112 | 250 | 180 | 215 | 4.5 | 14 | 28 | 50 | 31.3 | 8 | 84 |
| | 132 | 300 | 230 | 265 | 5 | 14 | 38 | 61 | 41.3 | 10 | 109.5 |

| ~ Kg | | | |
|--------------------|-----|-----|-----|
| PCD 619-13 X B5 | H | V | F |
| 80 | 253 | 238 | 208 |
| 90 | 253 | 238 | 208 |
| 100 | 256 | 241 | 211 |
| 112 | 256 | 241 | 211 |
| 132 | 261 | 246 | 216 |

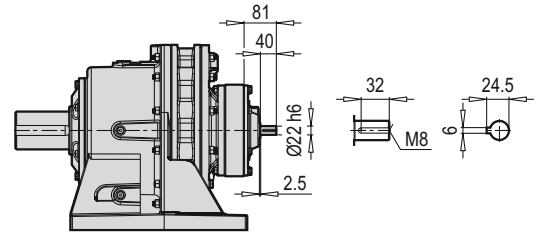
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|----|------|----|-------|
| PCD 619-13 | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 30 | 21.8 | 6 | 53.5 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 40 | 27.3 | 8 | 68.5 |
| | 100 | 160 | 110 | 130 | 4.5 | 9 | 28 | 50 | 31.3 | 8 | 84 |
| | 112 | 160 | 110 | 130 | 4.5 | 9 | 28 | 50 | 31.3 | 8 | 84 |
| | 132 | 200 | 130 | 165 | 5 | 11 | 38 | 61 | 41.3 | 10 | 109.5 |

| ~ Kg | | | |
|---------------------|-----|-----|-----|
| PCD 619-13 X B14 | H | V | F |
| 80 | 252 | 237 | 207 |
| 90 | 252 | 237 | 207 |
| 100 | 255 | 240 | 210 |
| 112 | 255 | 240 | 210 |
| 132 | 260 | 245 | 215 |

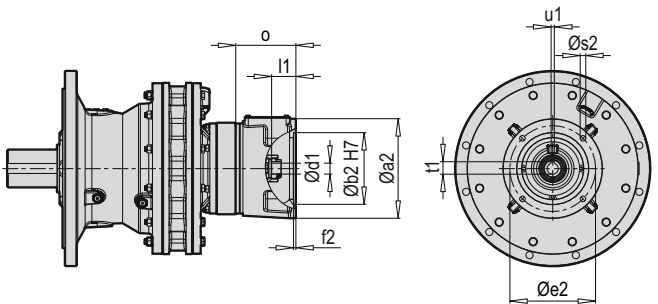
PCD 619-13 HC



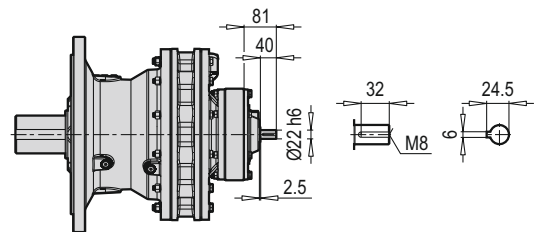
PCD 619-13 HW



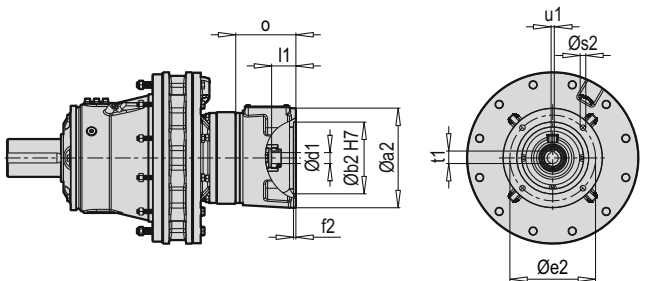
PCD 619-13 VC



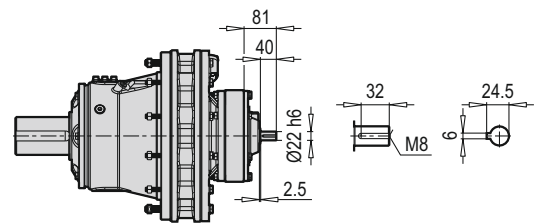
PCD 619-13 VW



PCD 619-13 FC



PCD 619-13 FW

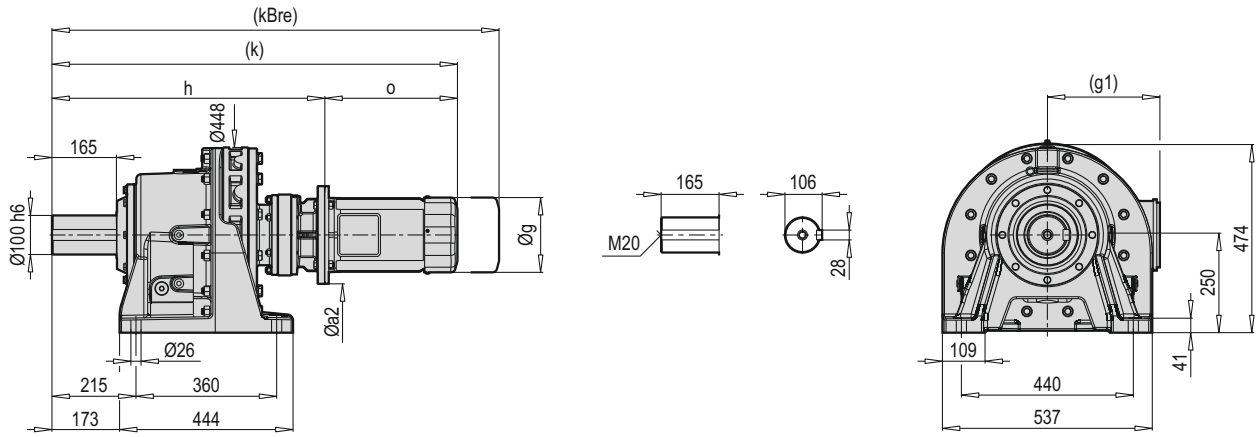


| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 619-13 W | H | V | F |
| | 250 | 235 | 205 |

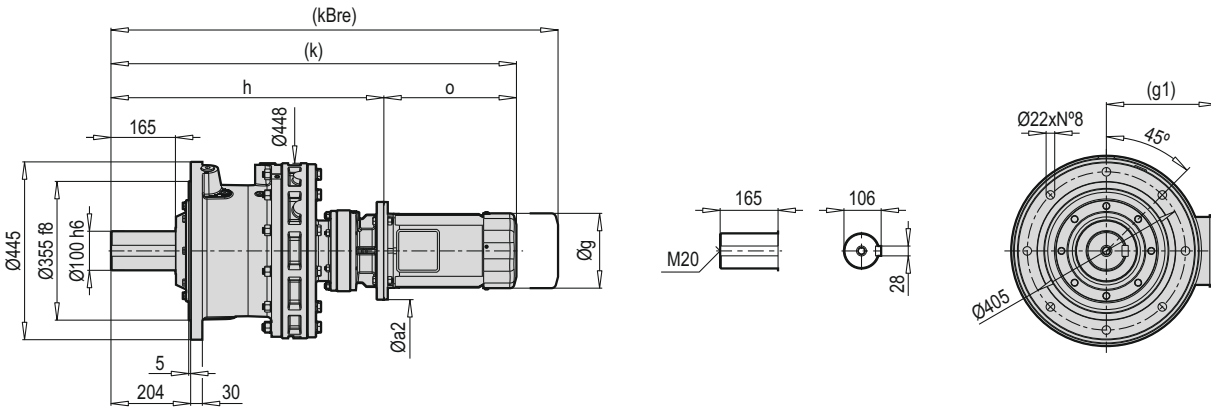
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|------|------|----|-----|
| PCD 619-13 | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 45 | 21.8 | 6 | 124 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 124 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 62 | 31.3 | 8 | 141 |
| | 112 | 250 | 180 | 215 | 6 | 14 | 28 | 62 | 31.3 | 8 | 141 |
| | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 82.5 | 41.3 | 10 | 161 |

| ~ Kg | | | |
|-----------------|-----|-----|-----|
| PCD 619-13 C B5 | H | V | F |
| 80 | 259 | 244 | 214 |
| 90 | 259 | 244 | 214 |
| 100 | 262 | 247 | 217 |
| 112 | 262 | 247 | 217 |
| 132 | 265 | 250 | 220 |

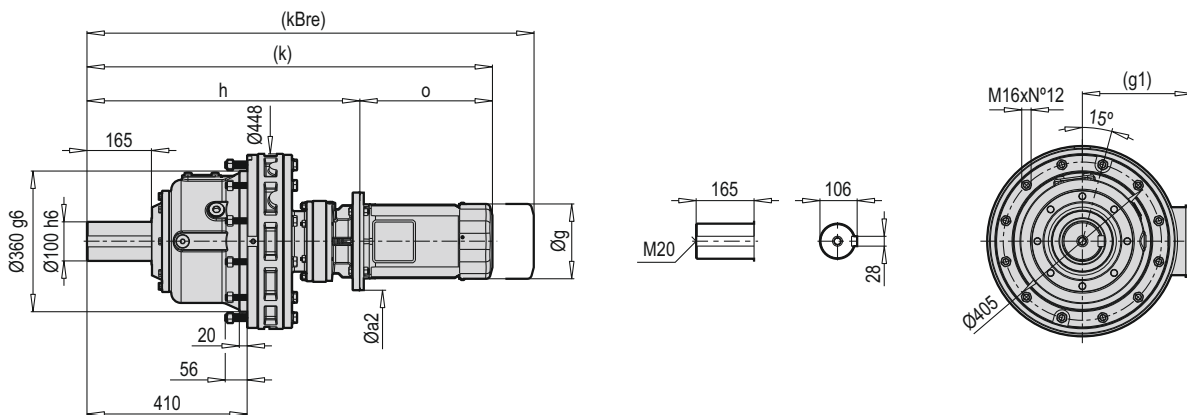
PCD 620-11 HXM



PCD 620-11 VXM

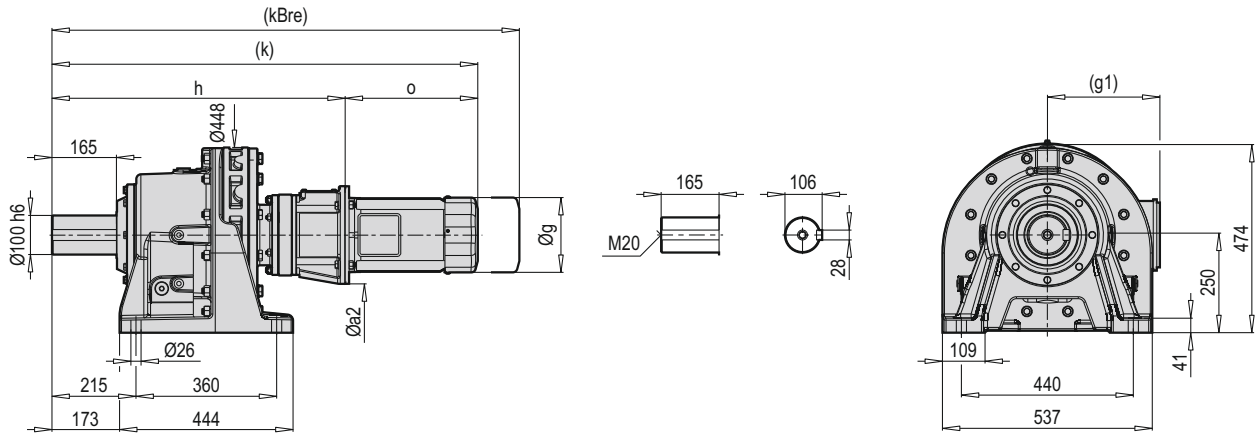


PCD 620-11 FXM

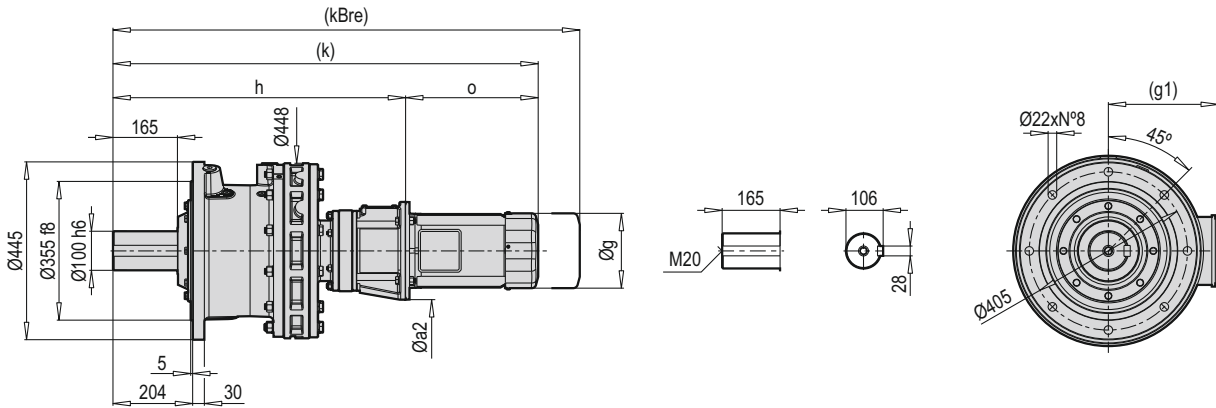


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|--------|--------|--------|--------|-----|-----|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 71 | 160 | 105 | 138 | 119 | 668 | 668 | 891 | 891 | 951 | 951 | 223 | 223 |
| 80 | 200 | 120 | 165 | 134.5 | 672 | 672 | 901 | 901 | 984.5 | 984.5 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 682 | 682 | 975 | 975 | 1013.5 | 1042.5 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 698.5 | 698.5 | 1038.5 | 1038.5 | 1121.5 | 1121.5 | 340 | 340 |
| 112 | 250 | 160 | 219 | 158.5 | 698.5 | 698.5 | 1034.5 | 1034.5 | 1121.5 | 1135 | 336 | 336 |

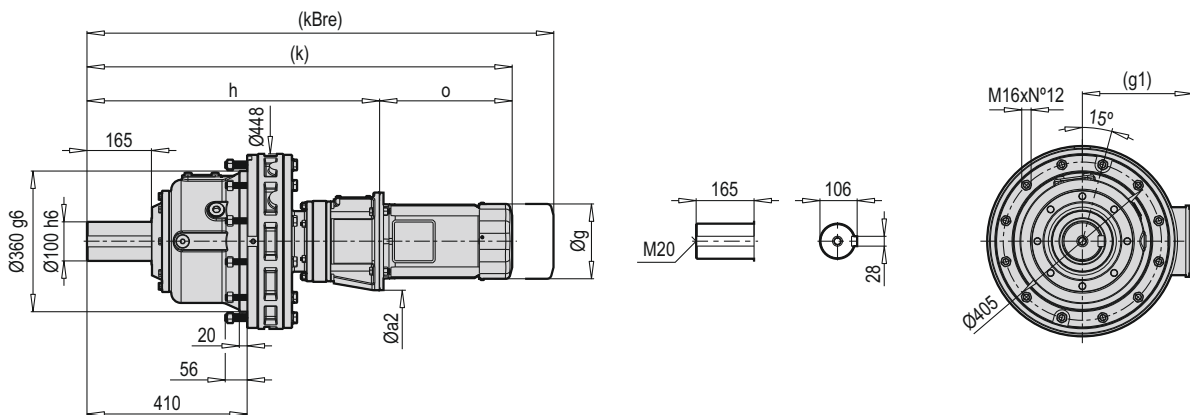
PCD 620-11 HCM



PCD 620-11 VCM

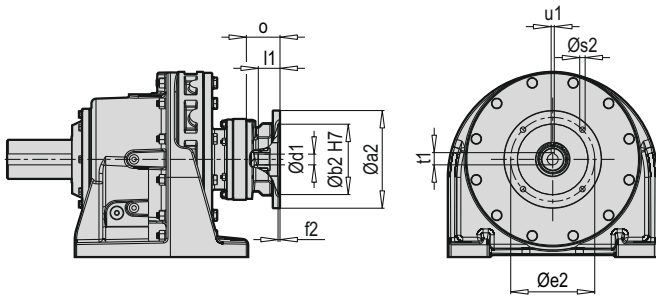


PCD 620-11 FCM

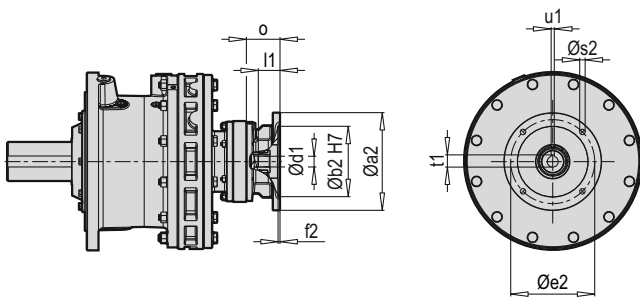


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-----|------|--------|-----|
| 71 | 160 | 138 | 119 | 719 | 942 | 1002 | 223 |
| 80 | 200 | 165 | 134.5 | 739 | 968 | 1267.5 | 229 |
| 90 | 200 | 179 | 129 | 739 | 1032 | 1100.5 | 293 |
| 100 | 250 | 199 | 154.5 | 749 | 1089 | 1172 | 340 |
| 112 | 250 | 219 | 158.5 | 749 | 1085 | 1172 | 336 |

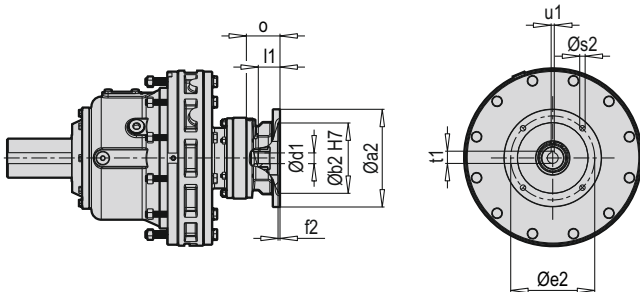
PCD 620-11 HX



PCD 620-11 VX



PCD 620-11 FX



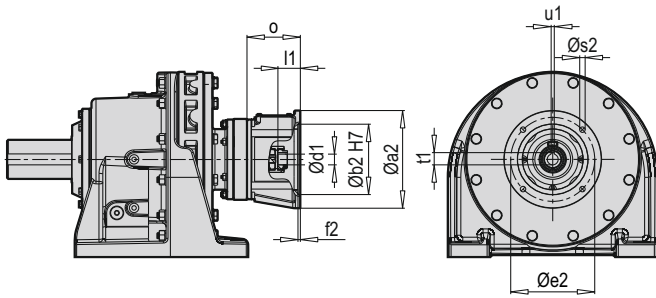
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|------|-----|------|------|----|------|
| PCD 620-11 | 71 | 160 | 110 | 130 | 4 | M8 | 14 | 30 | 16.3 | 5 | 55 |
| | 80 | 200 | 130 | 165 | 4 | 11.5 | 19 | 34 | 21.8 | 6 | 59 |
| | 90 | 200 | 130 | 165 | 4 | 11.5 | 24 | 46 | 27.3 | 8 | 69 |
| | 100 | 250 | 180 | 215 | 5 | 14 | 28 | 55.5 | 31.3 | 8 | 85.5 |
| | 112 | 250 | 180 | 215 | 5 | 14 | 28 | 55.5 | 31.3 | 8 | 85.5 |

| ~ Kg | | | |
|--------------------|-----|-----|-----|
| PCD 620-11 X B5 | H | V | F |
| 71 | 263 | 251 | 236 |
| 80 | 266 | 254 | 239 |
| 90 | 276 | 254 | 239 |
| 100 | 276 | 264 | 249 |
| 112 | 276 | 264 | 249 |

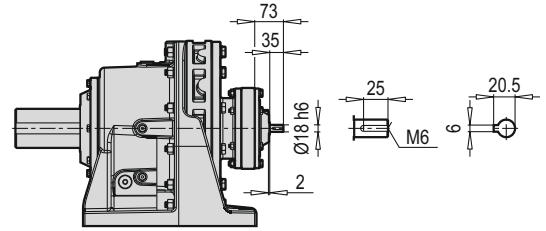
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|------|------|----|------|
| PCD 620-11 | 71 | 105 | 70 | 85 | 4 | 6.6 | 14 | 30 | 16.3 | 5 | 55 |
| | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 34 | 21.8 | 6 | 59 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 46 | 27.3 | 8 | 69 |
| | 100 | 160 | 110 | 130 | 5 | 9 | 28 | 55.5 | 31.3 | 8 | 85.5 |
| | 112 | 160 | 110 | 130 | 5 | 9 | 28 | 55.5 | 31.3 | 8 | 85.5 |

| ~ Kg | | | |
|---------------------|-----|-----|-----|
| PCD 620-11 X B14 | H | V | F |
| 71 | 262 | 250 | 235 |
| 80 | 265 | 253 | 238 |
| 90 | 265 | 253 | 238 |
| 100 | 275 | 263 | 248 |
| 112 | 275 | 263 | 248 |

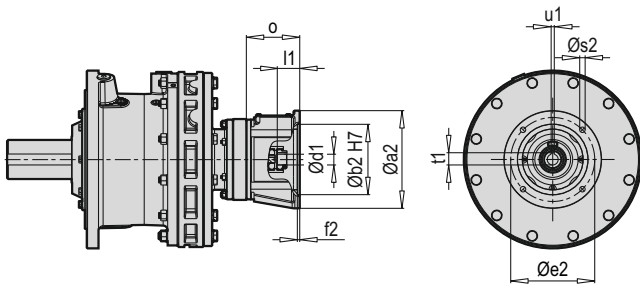
PCD 620-11 HC



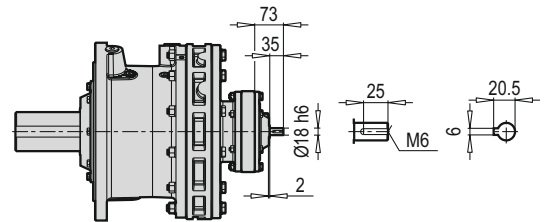
PCD 620-11 HW



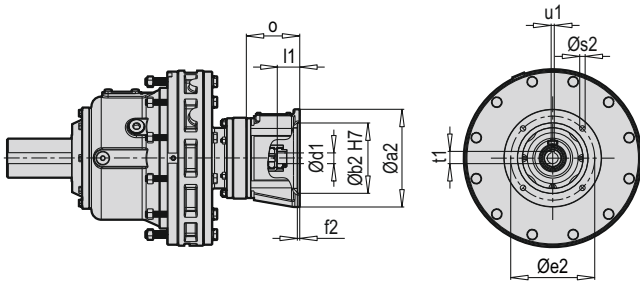
PCD 620-11 VC



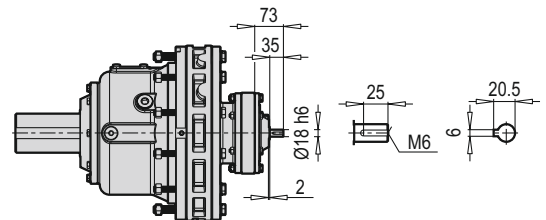
PCD 620-11 VW



PCD 620-11 FC



PCD 620-11 FW

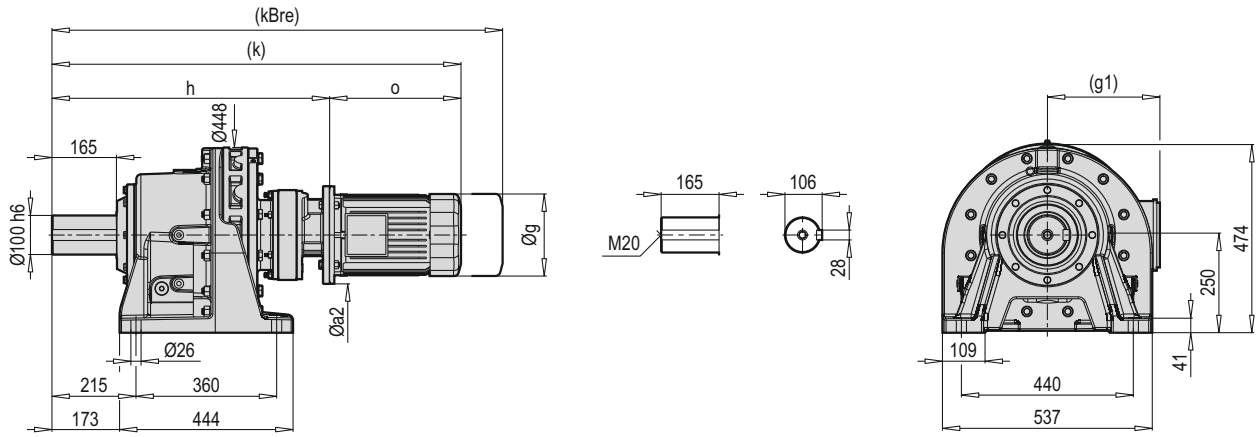


| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 620-11 W | H | V | F |
| | 261 | 249 | 234 |

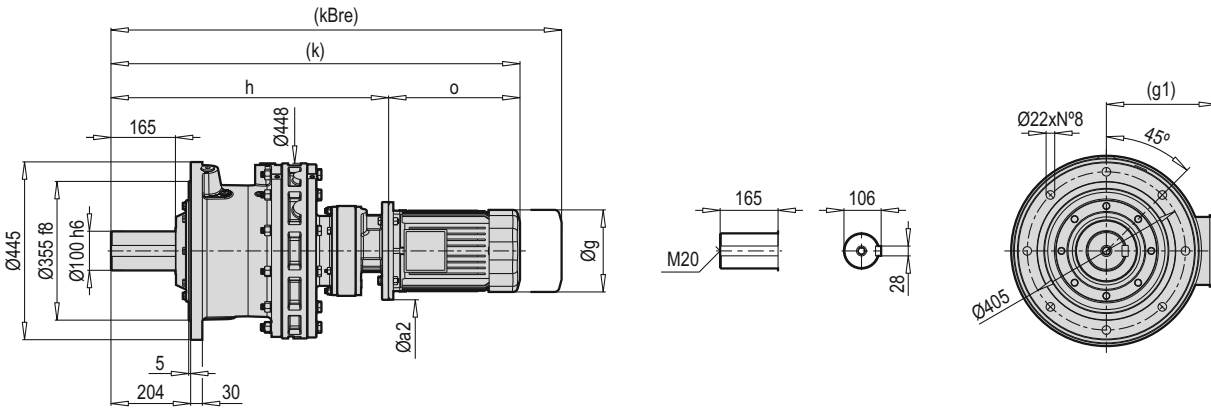
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-------|-----|-----|----|-----|-----|------|------|----|-----|
| PCD 620-11 | 71 | 159.5 | 110 | 130 | 4 | 10 | 14 | 30 | 16.3 | 5 | 95 |
| | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 45 | 21.8 | 6 | 115 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 115 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 58.5 | 31.3 | 8 | 125 |
| | 112 | 250 | 180 | 215 | 6 | 14 | 28 | 58.5 | 31.3 | 8 | 125 |

| ~ Kg | | | |
|-----------------|-------|-------|-------|
| PCD 620-11 C B5 | H | V | F |
| 71 | 267.5 | 255.5 | 240.5 |
| 80 | 269 | 257 | 242 |
| 90 | 269 | 257 | 242 |
| 100 | 271 | 259 | 244 |
| 112 | 271 | 259 | 244 |

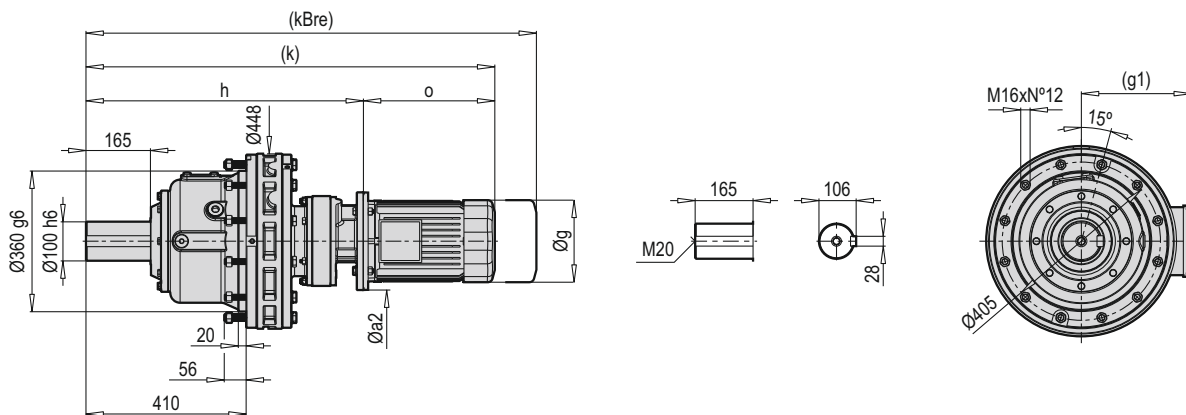
PCD 620-13 HXM



PCD 620-13 VXM

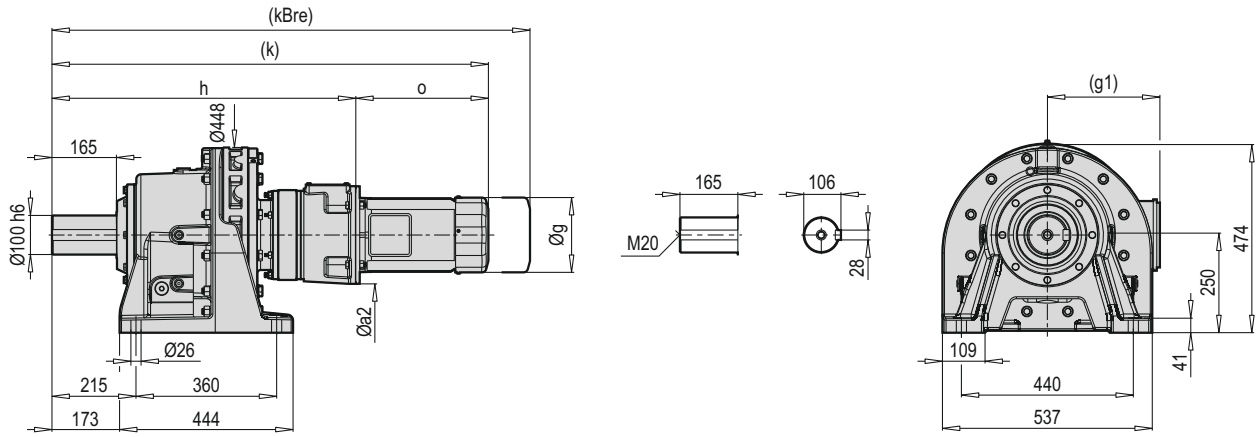


PCD 620-13 FXM

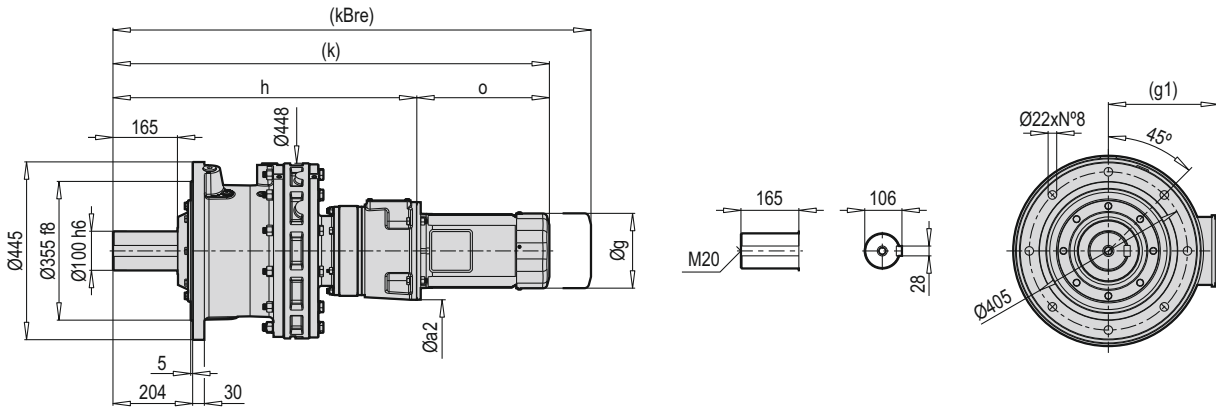


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|--------|--------|--------|--------|-----|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 80 | 200 | 120 | 165 | 134.5 | 680 | 680 | 909 | 909 | 992.5 | 992.5 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 695 | 695 | 988 | 988 | 1056.5 | 1055.5 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 710.5 | 710.5 | 1050.5 | 1050.5 | 1133.5 | 1133.5 | 340 | 340 |
| 112 | 250 | 160 | 219 | 158.5 | 710.5 | 710.5 | 1046.5 | 1046.5 | 1133.5 | 1147 | 336 | 336 |
| 132 | 300 | 200 | 270 | 187 | 736 | 736 | 1115 | 1136.5 | 1256 | 1236 | 379 | 400.5 |

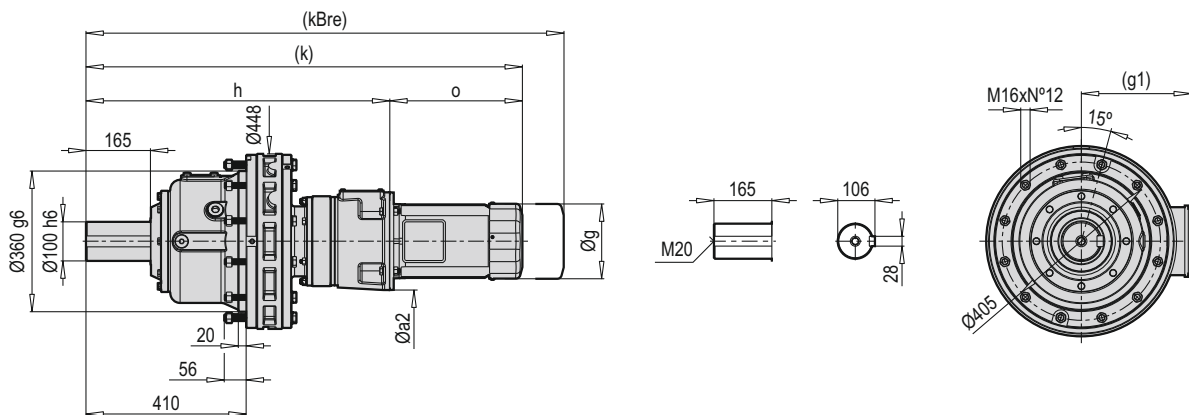
PCD 620-13 HCM



PCD 620-13 VCM

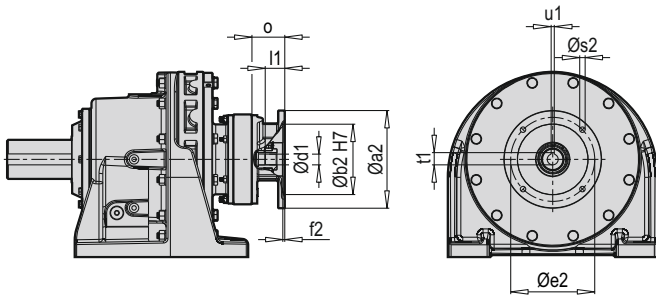


PCD 620-13 FCM

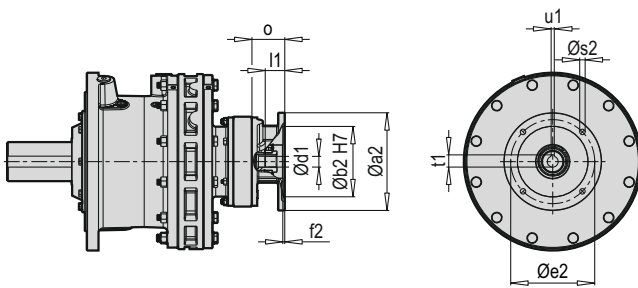


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-------|--------|--------|-----|
| 80 | 200 | 165 | 134.5 | 760.5 | 989.5 | 1073 | 229 |
| 90 | 200 | 179 | 129 | 760.5 | 1053.5 | 1122 | 293 |
| 100 | 250 | 199 | 154.5 | 777.5 | 1117.5 | 1200.5 | 340 |
| 112 | 250 | 219 | 158.5 | 777.5 | 1113.5 | 1200.5 | 336 |
| 132 | 300 | 270 | 187 | 797.5 | 1176.5 | 1317.5 | 379 |

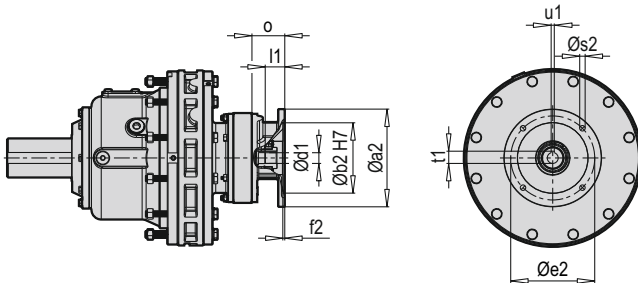
PCD 620-13 HX



PCD 620-13 VX



PCD 620-13 FX



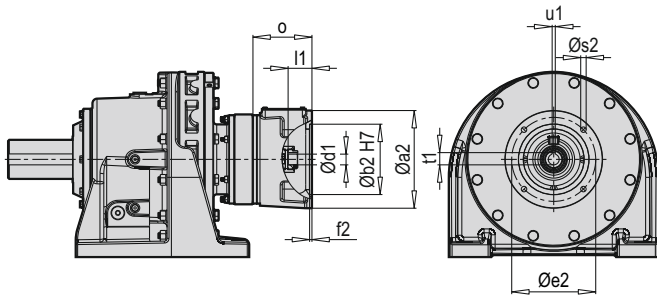
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|----|------|----|-------|
| PCD 620-13 | 80 | 200 | 130 | 165 | 5 | M10 | 19 | 30 | 21.8 | 6 | 53.5 |
| | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 40 | 27.3 | 8 | 68.5 |
| | 100 | 250 | 180 | 215 | 4.5 | 14 | 28 | 50 | 31.3 | 8 | 84 |
| | 112 | 250 | 180 | 215 | 4.5 | 14 | 28 | 50 | 31.3 | 8 | 84 |
| | 132 | 300 | 230 | 265 | 5 | 14 | 38 | 61 | 41.3 | 10 | 109.5 |

| ~ Kg | | | |
|--------------------|-----|-----|-----|
| PCD 620-13 X B5 | H | V | F |
| 80 | 276 | 264 | 249 |
| 90 | 276 | 264 | 249 |
| 100 | 278 | 266 | 251 |
| 112 | 278 | 266 | 251 |
| 132 | 283 | 271 | 256 |

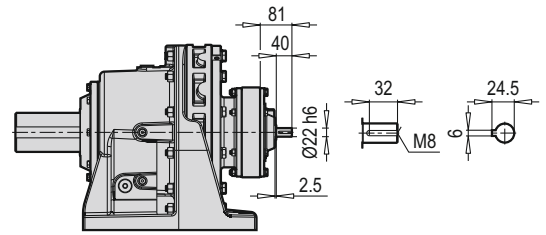
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|----|------|----|-------|
| PCD 620-13 | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 30 | 21.8 | 6 | 53.5 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 40 | 27.3 | 8 | 68.5 |
| | 100 | 160 | 110 | 130 | 4.5 | 9 | 28 | 50 | 31.3 | 8 | 84 |
| | 112 | 160 | 110 | 130 | 4.5 | 9 | 28 | 50 | 31.3 | 8 | 84 |
| | 132 | 200 | 130 | 165 | 5 | 11 | 38 | 61 | 41.3 | 10 | 109.5 |

| ~ Kg | | | |
|---------------------|-----|-----|-----|
| PCD 620-13 X B14 | H | V | F |
| 80 | 275 | 263 | 248 |
| 90 | 275 | 263 | 248 |
| 100 | 277 | 265 | 250 |
| 112 | 277 | 265 | 250 |
| 132 | 282 | 270 | 255 |

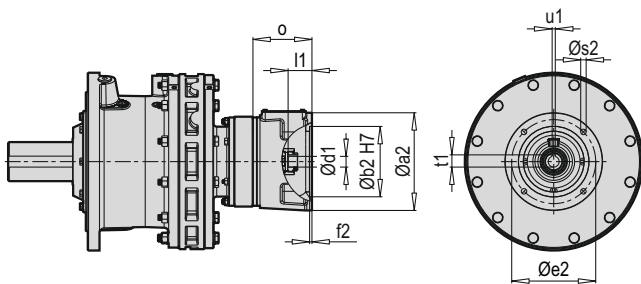
PCD 620-13 HC



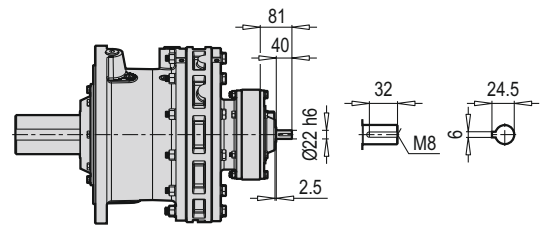
PCD 620-13 HW



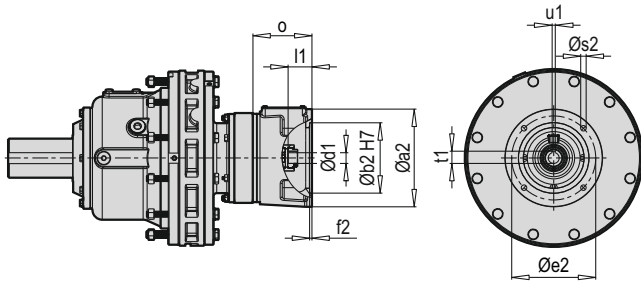
PCD 620-13 VC



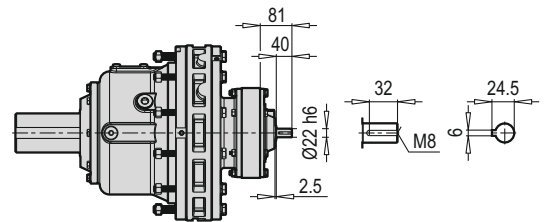
PCD 620-13 VW



PCD 620-13 FC



PCD 620-13 FW

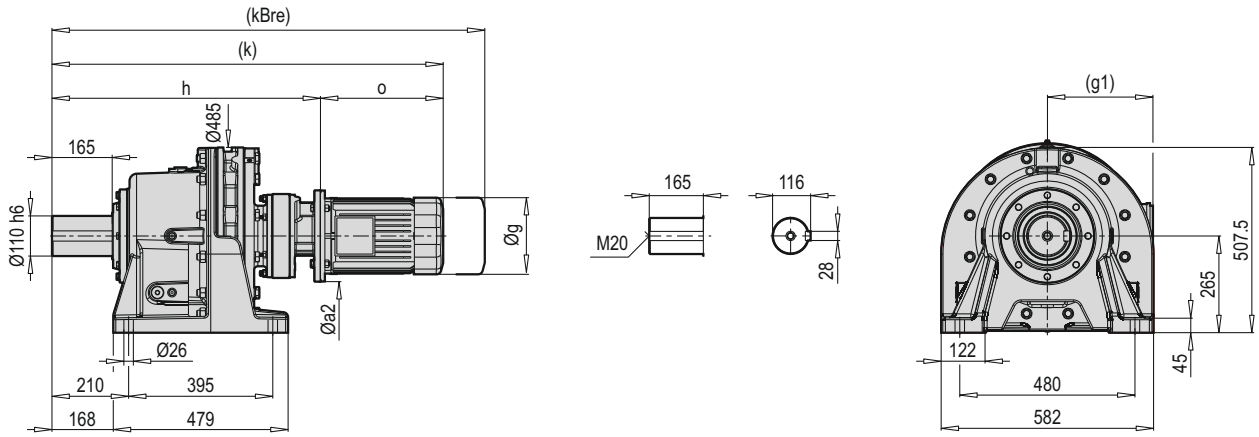


| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 620-13 W | H | V | F |
| | 275 | 263 | 248 |

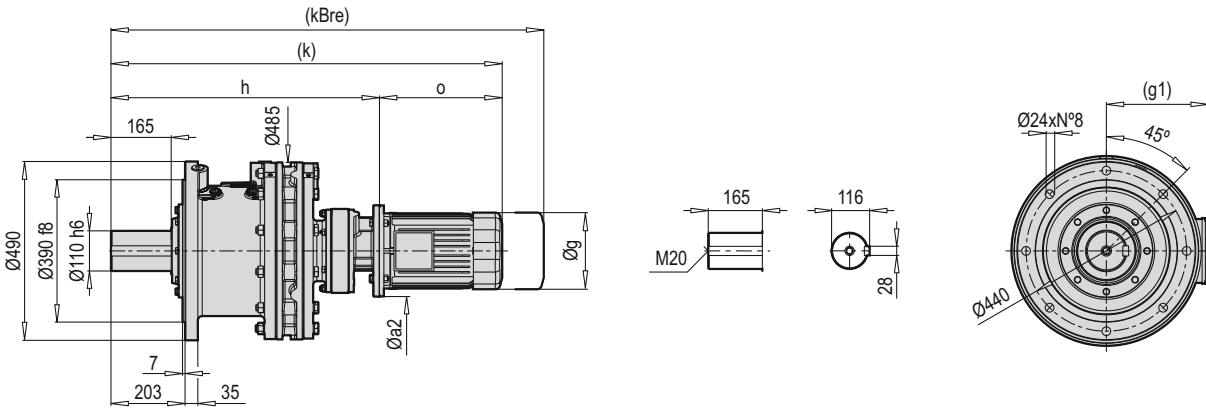
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|------|------|----|-----|
| PCD 620-13 | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 45 | 21.8 | 6 | 124 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 124 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 62 | 31.3 | 8 | 141 |
| | 112 | 250 | 180 | 215 | 6 | 14 | 28 | 62 | 31.3 | 8 | 141 |
| | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 82.5 | 41.3 | 10 | 161 |

| ~ Kg | | | |
|-----------------|-----|-----|-----|
| PCD 620-13 C B5 | H | V | F |
| 80 | 284 | 272 | 257 |
| 90 | 284 | 272 | 257 |
| 100 | 287 | 275 | 260 |
| 112 | 287 | 275 | 260 |
| 132 | 290 | 278 | 263 |

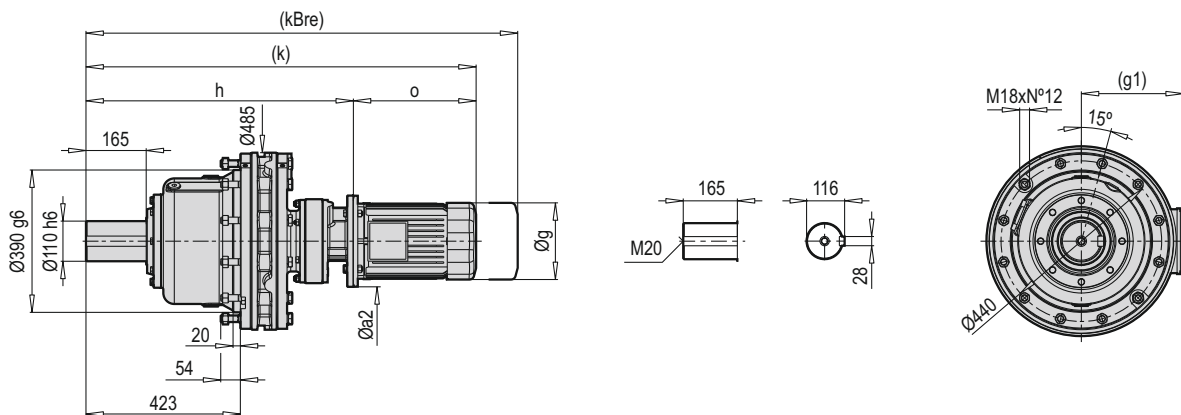
PCD 621-13 HXM



PCD 621-13 VXM

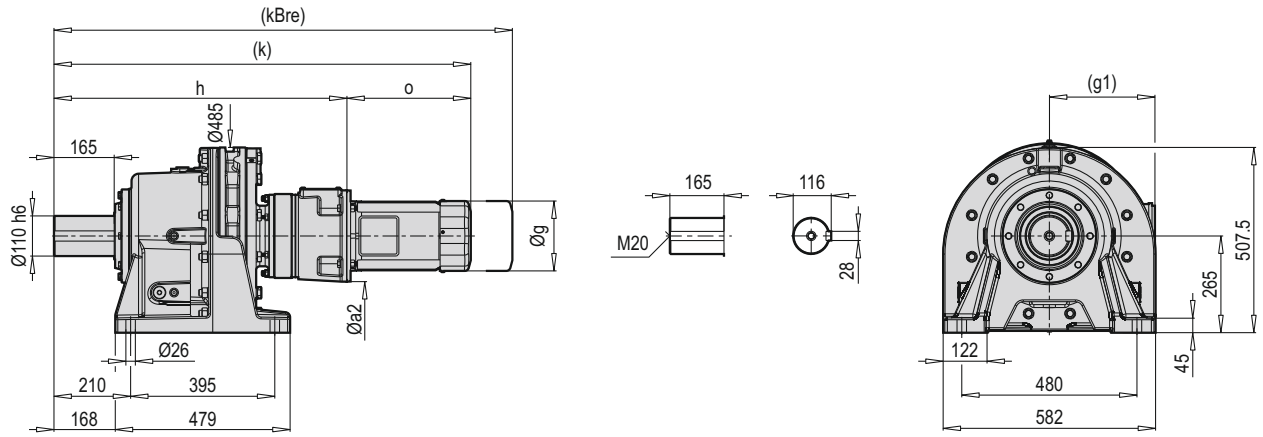


PCD 621-13 FXM

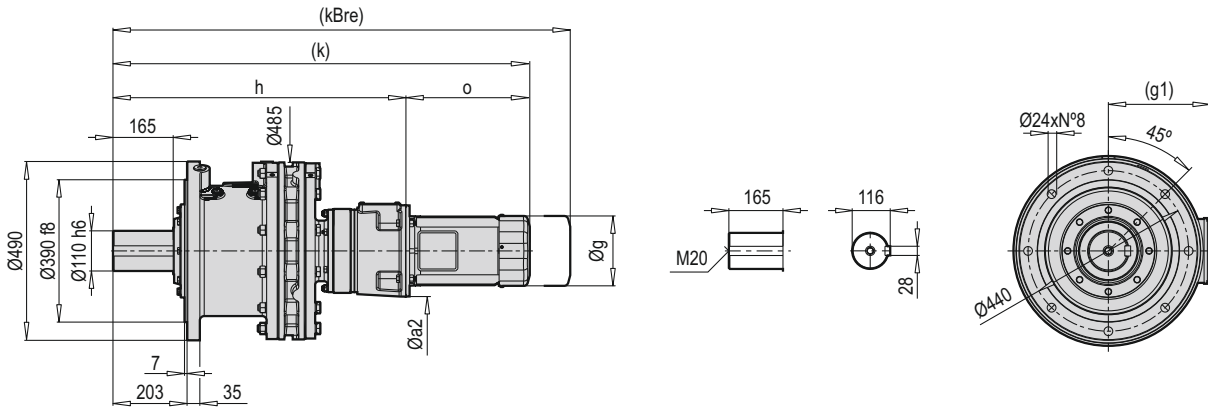


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|--------|--------|--------|--------|-----|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 80 | 200 | 120 | 165 | 134.5 | 705 | 705 | 934 | 934 | 1017.5 | 1017.5 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 720 | 720 | 1013 | 1013 | 1081.5 | 1080.5 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 735.5 | 735.5 | 1075.5 | 1075.5 | 1158.5 | 1158.5 | 340 | 340 |
| 112 | 250 | 160 | 219 | 158.5 | 735.5 | 735.5 | 1071.5 | 1071.5 | 1158.5 | 1172 | 336 | 336 |
| 132 | 300 | 200 | 270 | 187 | 761 | 761 | 1140 | 1161.5 | 1281 | 1261 | 379 | 400.5 |

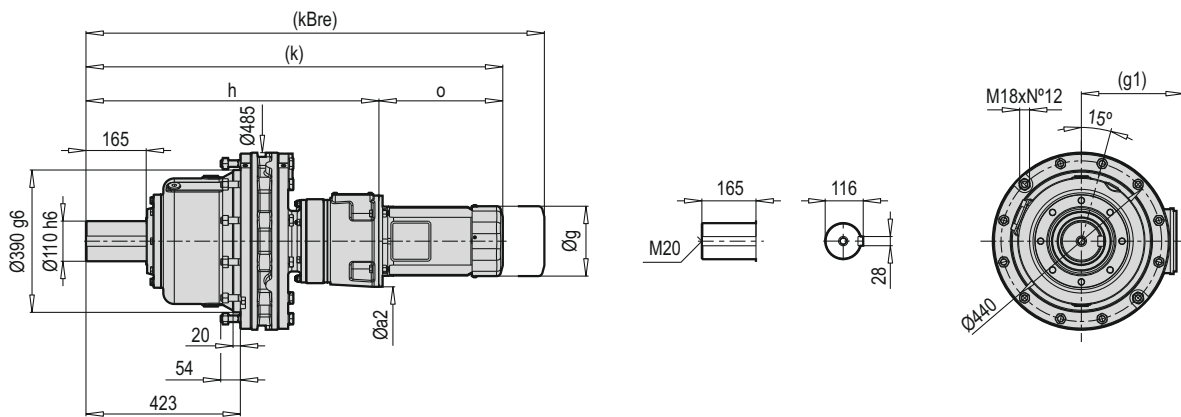
PCD 621-13 HCM



PCD 621-13 VCM

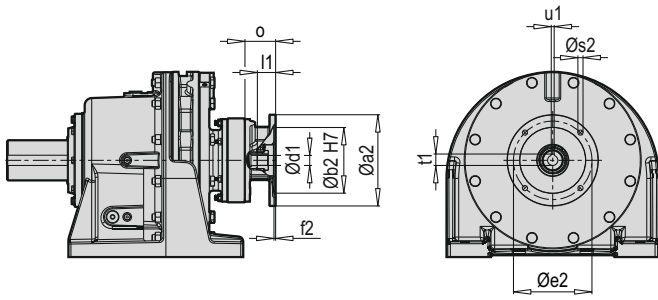


PCD 621-13 FCM

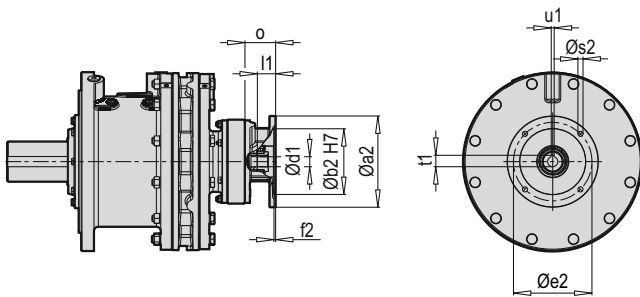


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-------|--------|--------|-----|
| 80 | 200 | 165 | 134.5 | 785.5 | 1014.5 | 1098.5 | 229 |
| 90 | 200 | 179 | 129 | 785.5 | 1078.5 | 1147 | 293 |
| 100 | 250 | 199 | 154.5 | 802.5 | 1142.5 | 1225.5 | 340 |
| 112 | 250 | 219 | 158.5 | 802.5 | 1138.5 | 1225.5 | 336 |
| 132 | 300 | 270 | 187 | 822.5 | 1201.5 | 1342.5 | 379 |

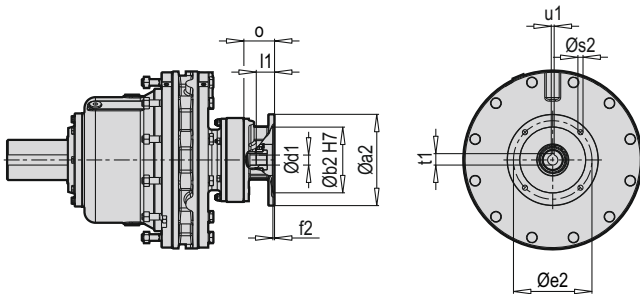
PCD 621-13 HX



PCD 621-13 VX



PCD 621-13 FX



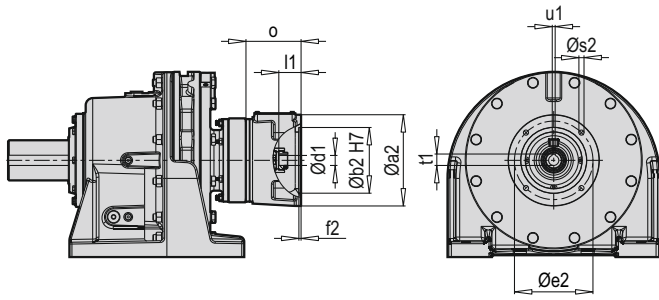
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|----|------|----|-------|
| PCD 621-13 | 80 | 200 | 130 | 165 | 5 | M10 | 19 | 30 | 21.8 | 6 | 53.5 |
| | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 40 | 27.3 | 8 | 68.5 |
| | 100 | 250 | 180 | 215 | 4.5 | 14 | 28 | 50 | 31.3 | 8 | 84 |
| | 112 | 250 | 180 | 215 | 4.5 | 14 | 28 | 50 | 31.3 | 8 | 84 |
| | 132 | 300 | 230 | 265 | 5 | 14 | 38 | 61 | 41.3 | 10 | 109.5 |

| PCD 621-13 X B5 | ~ Kg | | |
|--------------------|------|-----|-----|
| | H | V | F |
| 80 | 357 | 335 | 316 |
| 90 | 357 | 335 | 316 |
| 100 | 359 | 337 | 318 |
| 112 | 359 | 337 | 318 |
| 132 | 364 | 342 | 323 |

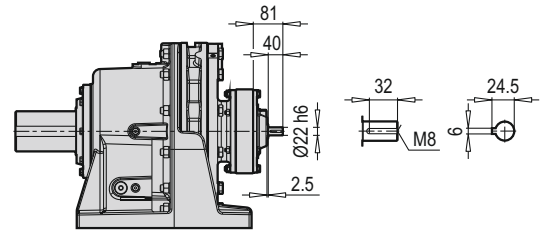
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|----|------|----|-------|
| PCD 621-13 | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 30 | 21.8 | 6 | 53.5 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 40 | 27.3 | 8 | 68.5 |
| | 100 | 160 | 110 | 130 | 4.5 | 9 | 28 | 50 | 31.3 | 8 | 84 |
| | 112 | 160 | 110 | 130 | 4.5 | 9 | 28 | 50 | 31.3 | 8 | 84 |
| | 132 | 200 | 130 | 165 | 5 | 11 | 38 | 61 | 41.3 | 10 | 109.5 |

| PCD 621-13 X B14 | ~ Kg | | |
|---------------------|------|-----|-----|
| | H | V | F |
| 80 | 356 | 334 | 315 |
| 90 | 356 | 334 | 315 |
| 100 | 358 | 336 | 317 |
| 112 | 358 | 336 | 317 |
| 132 | 363 | 341 | 322 |

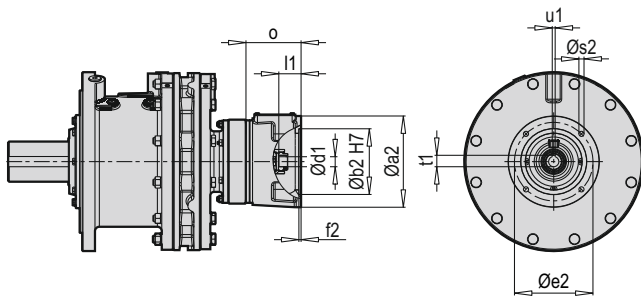
PCD 621-13 HC



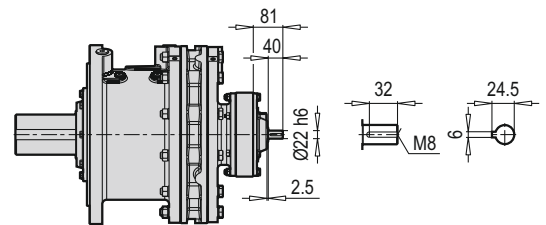
PCD 621-13 HW



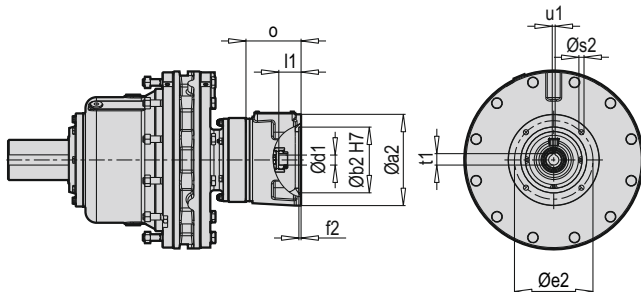
PCD 621-13 VC



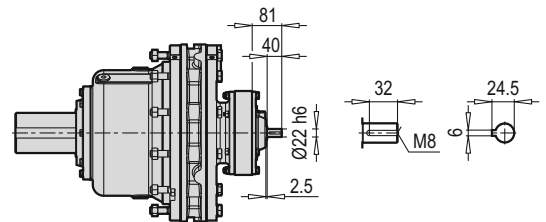
PCD 621-13 VW



PCD 621-13 FC



PCD 621-13 FW

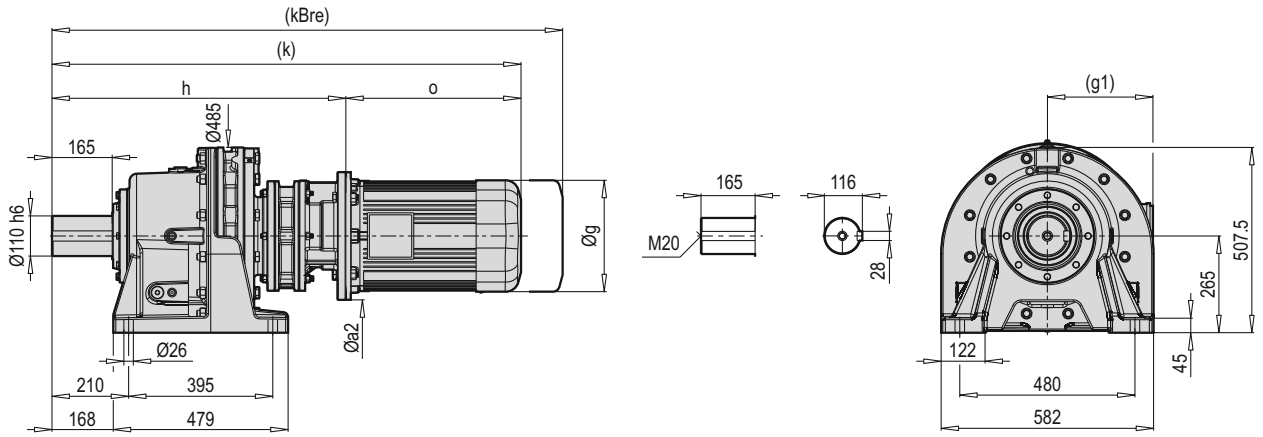


| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 621-13 W | H | V | F |
| | 355 | 333 | 314 |

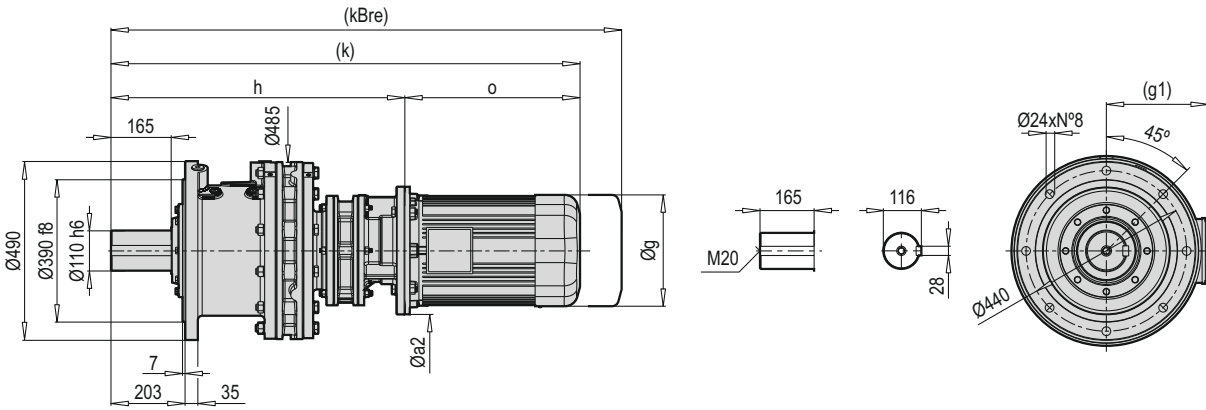
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|------|------|----|-----|
| PCD 621-13 | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 45 | 21.8 | 6 | 124 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 124 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 62 | 31.3 | 8 | 141 |
| | 112 | 250 | 180 | 215 | 6 | 14 | 28 | 62 | 31.3 | 8 | 141 |
| | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 82.5 | 41.3 | 10 | 161 |

| ~ Kg | | | |
|-----------------|-----|-----|-----|
| PCD 621-13 C B5 | H | V | F |
| 80 | 364 | 342 | 323 |
| 90 | 364 | 342 | 323 |
| 100 | 367 | 345 | 326 |
| 112 | 367 | 345 | 326 |
| 132 | 370 | 348 | 329 |

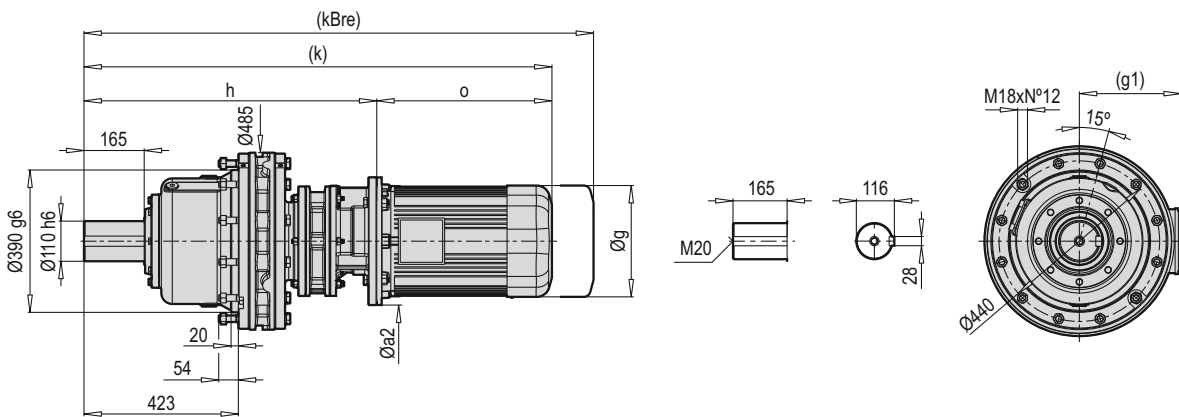
PCD 621-16 HXM



PCD 621-16 VXM

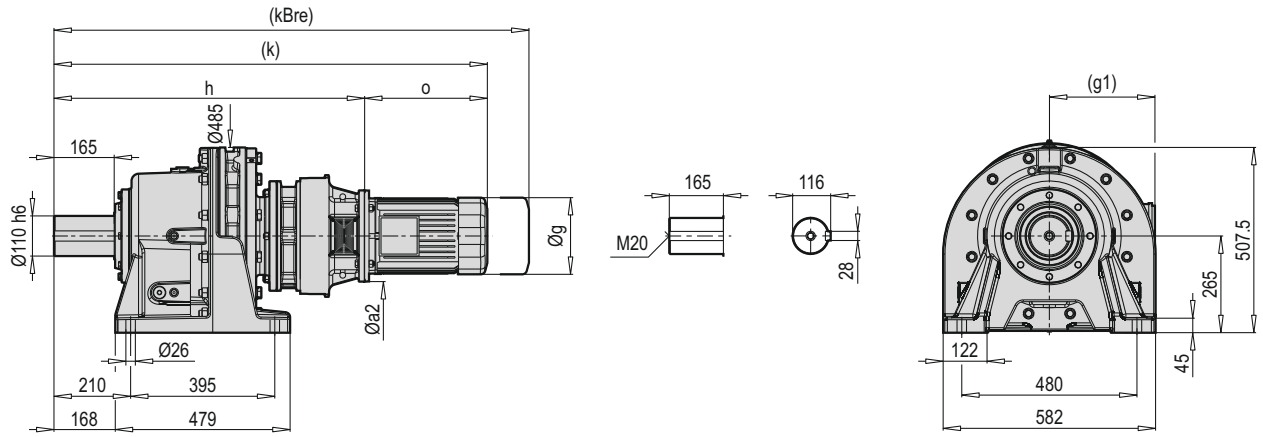


PCD 621-16 FXM

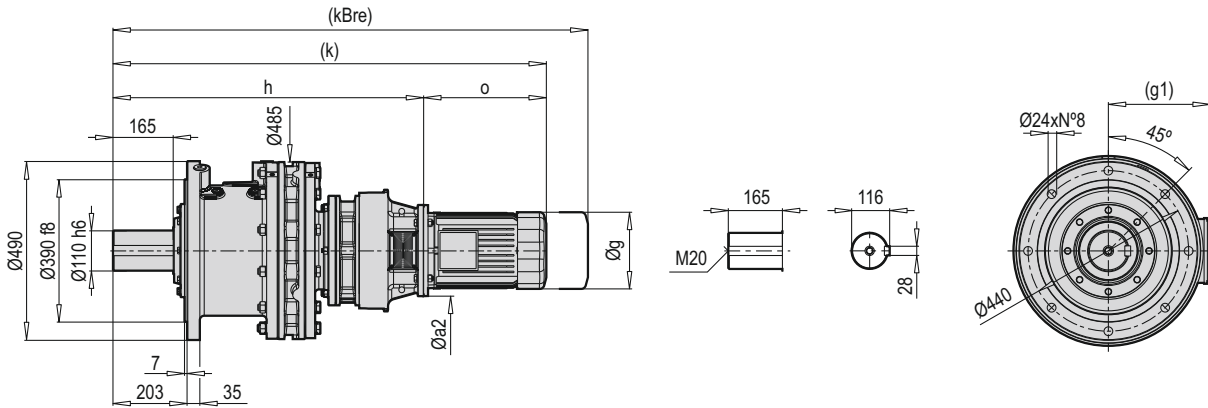


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-----|-----|------|--------|--------|--------|-----|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 90 | 200 | 140 | 179 | 129 | 748 | 748 | 1041 | 1041 | 1109.5 | 1108.5 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 754 | 754 | 1094 | 1094 | 1177 | 1177 | 340 | 340 |
| 112 | 250 | 160 | 219 | 158.5 | 754 | 754 | 1090 | 1088 | 1177 | 1190.5 | 336 | 336 |
| 132 | 300 | 200 | 270 | 187 | 772 | 772 | 1151 | 1172.5 | 1292 | 1272 | 379 | 400.5 |
| 160 | 350 | - | 321 | 187 | 805 | - | 1285 | - | 1391 | - | 480 | - |

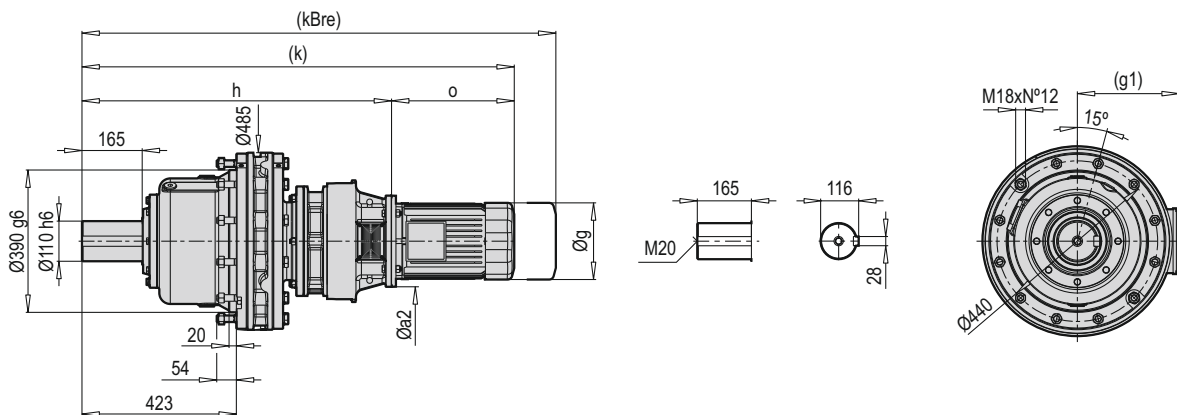
PCD 621-16 HCM



PCD 621-16 VCM

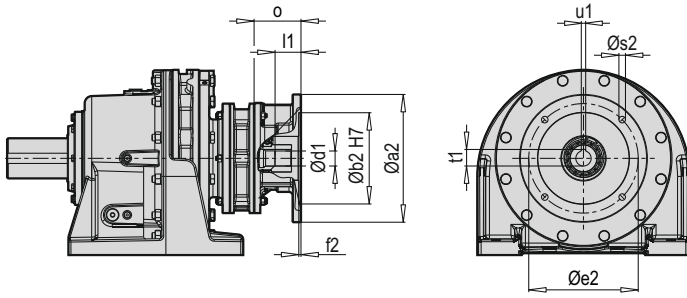


PCD 621-16 FCM

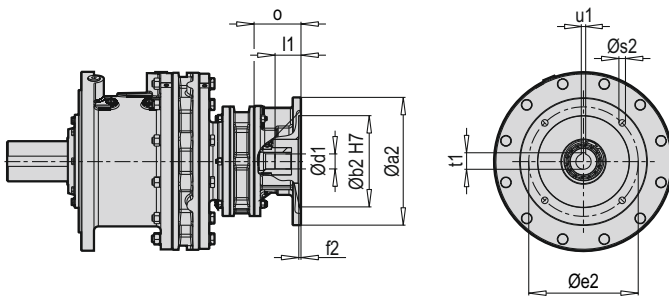


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-----|------|--------|-----|
| 90 | 200 | 179 | 129 | 836 | 1129 | 1197.5 | 293 |
| 100 | 250 | 199 | 154.5 | 851 | 1191 | 1274 | 340 |
| 112 | 250 | 219 | 158.5 | 851 | 1187 | 1274 | 336 |
| 132 | 300 | 270 | 187 | 865 | 1244 | 1385 | 379 |
| 160 | 350 | 321 | 214 | 895 | 1375 | 1481 | 480 |

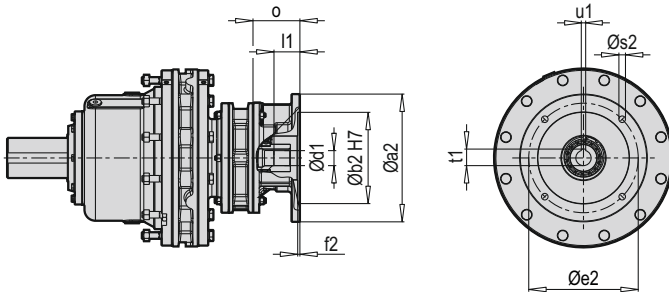
PCD 621-16 HX



PCD 621-16 VX



PCD 621-16 FX



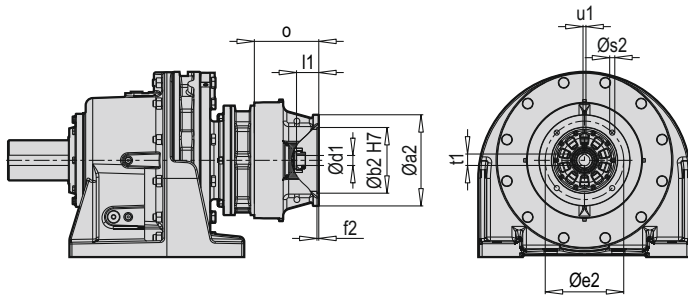
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|----|------|----|-----|
| PCD 621-16 | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 43 | 27.3 | 8 | 71 |
| | 100 | 250 | 180 | 215 | 4.5 | 14 | 28 | 60 | 31.3 | 8 | 77 |
| | 112 | 250 | 180 | 215 | 4.5 | 14 | 28 | 60 | 31.3 | 8 | 77 |
| | 132 | 300 | 230 | 265 | 5 | 14 | 38 | 60 | 41.3 | 10 | 95 |
| | 160 | 350 | 250 | 300 | 6 | 18 | 42 | 71 | 45.3 | 12 | 128 |

| ~ Kg | | | |
|--------------------|-----|-----|-----|
| PCD 621-16 X B5 | H | V | F |
| 90 | 377 | 355 | 336 |
| 100 | 379 | 357 | 338 |
| 112 | 379 | 357 | 338 |
| 132 | 384 | 362 | 343 |
| 160 | 376 | 354 | 335 |

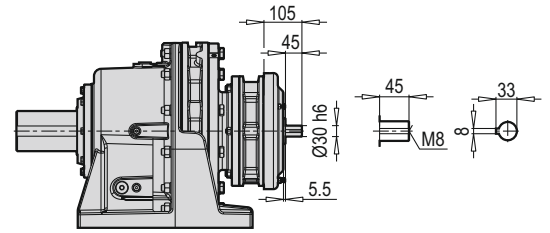
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|----|------|----|----|
| PCD 621-16 | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 43 | 27.3 | 8 | 71 |
| | 100 | 160 | 110 | 130 | 4.5 | 9 | 28 | 60 | 31.3 | 8 | 77 |
| | 112 | 160 | 110 | 130 | 4.5 | 9 | 28 | 60 | 31.3 | 8 | 77 |
| | 132 | 200 | 130 | 165 | 4.5 | 11 | 38 | 60 | 41.3 | 10 | 95 |

| ~ Kg | | | |
|---------------------|-----|-----|-----|
| PCD 621-16 X B14 | H | V | F |
| 90 | 376 | 354 | 335 |
| 100 | 378 | 356 | 337 |
| 112 | 378 | 356 | 337 |
| 132 | 383 | 361 | 342 |

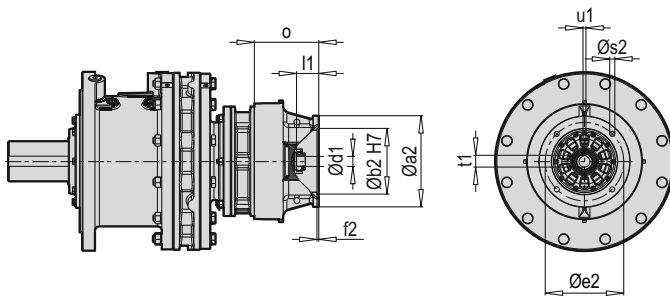
PCD 621-16 HC



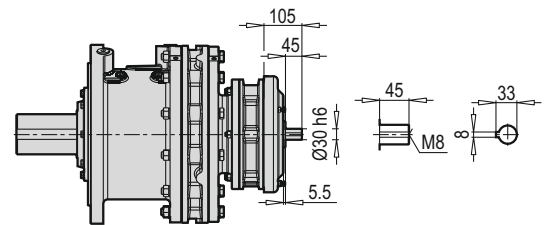
PCD 621-16 HW



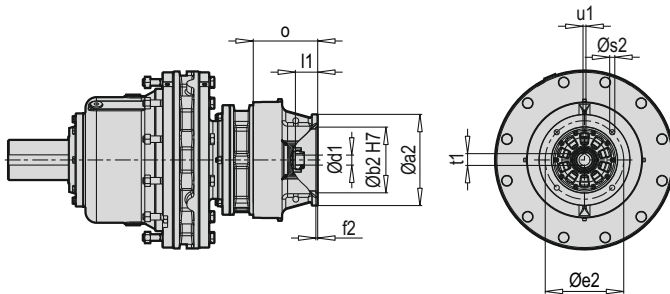
PCD 621-16 VC



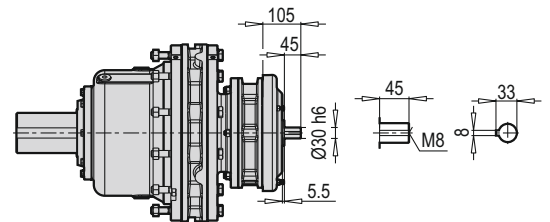
PCD 621-16 VW



PCD 621-16 FC



PCD 621-16 FW

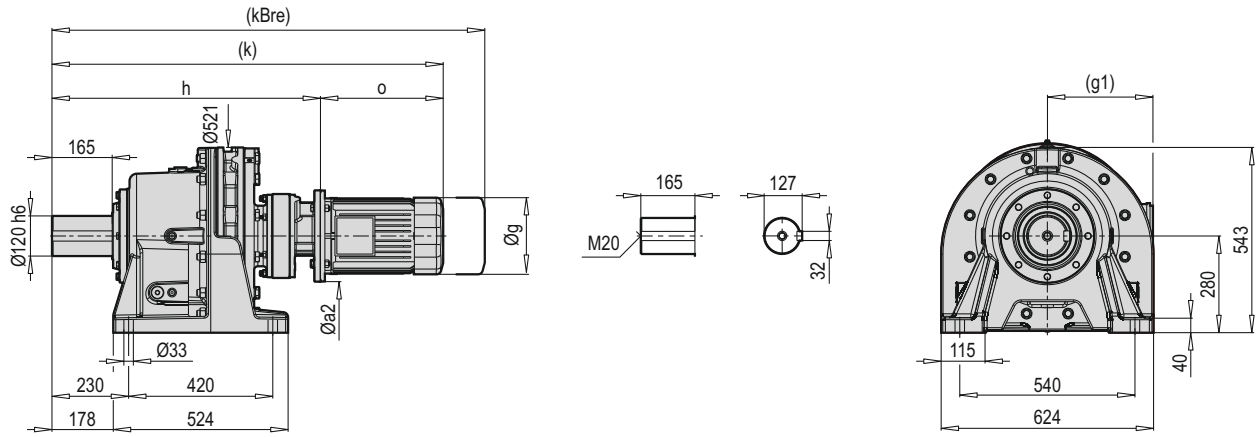


| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 621-16 W | H | V | F |
| | 375 | 353 | 334 |

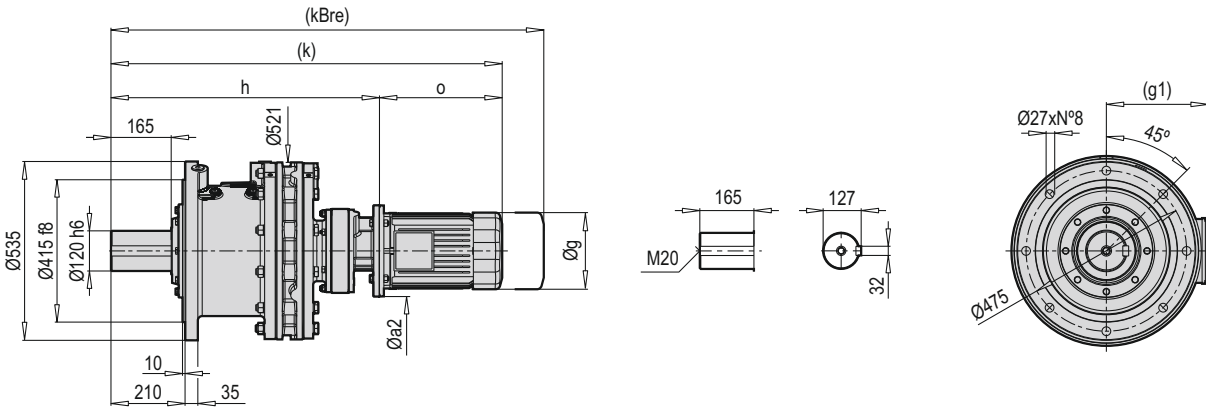
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|----|------|----|-----|
| PCD 621-16 | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 50 | 27.3 | 8 | 145 |
| | 100 | 250 | 180 | 215 | 5 | 14 | 28 | 62 | 31.3 | 8 | 160 |
| | 112 | 250 | 180 | 215 | 5 | 14 | 28 | 62 | 31.3 | 8 | 160 |
| | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 78 | 41.3 | 10 | 174 |
| | 160 | 350 | 250 | 300 | 7 | 19 | 42 | 85 | 45.3 | 12 | 204 |

| ~ Kg | | | |
|-----------------|-----|-----|-----|
| PCD 621-16 C B5 | H | V | F |
| 90 | 388 | 366 | 347 |
| 100 | 391 | 369 | 350 |
| 112 | 391 | 369 | 350 |
| 132 | 393 | 371 | 352 |
| 160 | 397 | 375 | 356 |

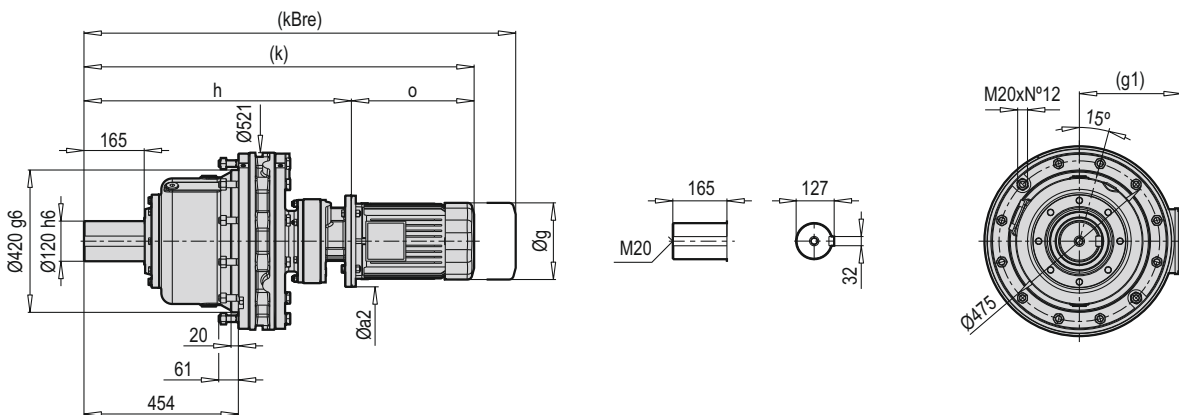
PCD 622-13 HXM



PCD 622-13 VXM

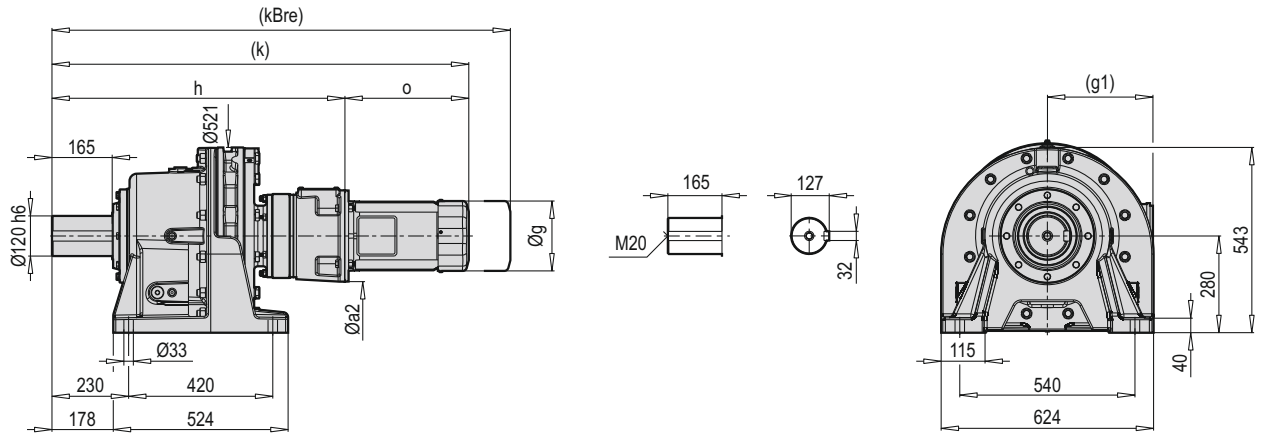


PCD 622-13 FXM

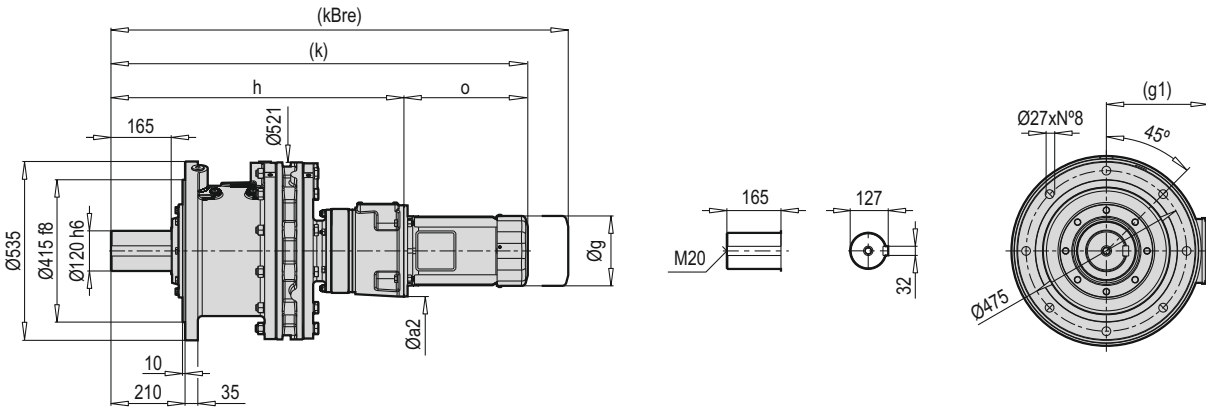


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-------|-------|--------|--------|--------|--------|-----|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 80 | 200 | 120 | 165 | 134.5 | 746.5 | 746.5 | 975.5 | 975.5 | 1059 | 1059 | 229 | 229 |
| 90 | 200 | 140 | 179 | 129 | 761.5 | 761.5 | 1054.5 | 1054.5 | 1123 | 1122 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 777 | 777 | 1117 | 1117 | 1200 | 1200 | 340 | 340 |
| 112 | 250 | 160 | 219 | 158.5 | 777 | 777 | 1113 | 1113 | 1200 | 1213.5 | 336 | 336 |
| 132 | 300 | 200 | 270 | 187 | 802.5 | 802.5 | 1181.5 | 1203 | 1322.5 | 1302.5 | 379 | 400.5 |

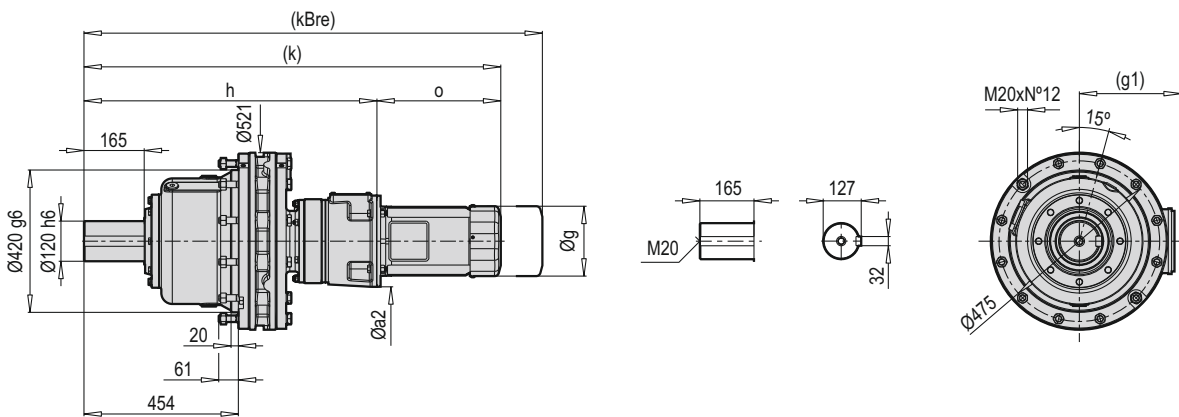
PCD 622-13 HCM



PCD 622-13 VCM

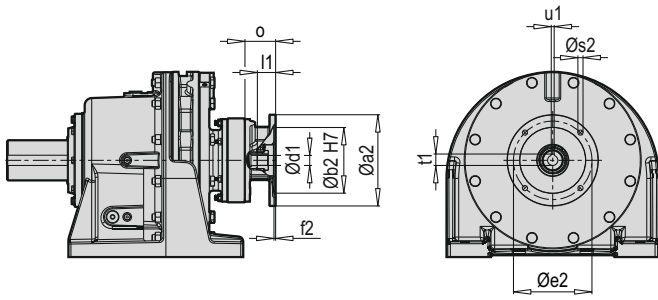


PCD 622-13 FCM

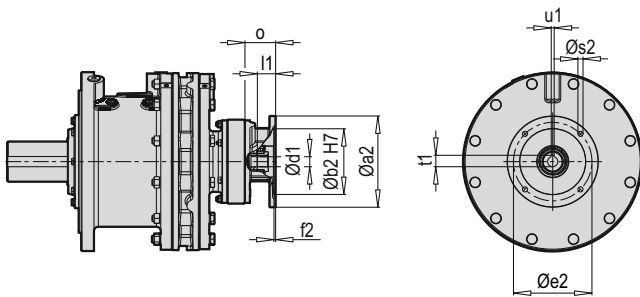


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-----|------|--------|-----|
| 80 | 200 | 165 | 134.5 | 827 | 1056 | 1139.5 | 229 |
| 90 | 200 | 179 | 129 | 827 | 1120 | 1188.5 | 293 |
| 100 | 250 | 199 | 154.5 | 844 | 1184 | 1267 | 340 |
| 112 | 250 | 219 | 158.5 | 844 | 1180 | 1267 | 336 |
| 132 | 300 | 270 | 187 | 864 | 1243 | 1384 | 379 |

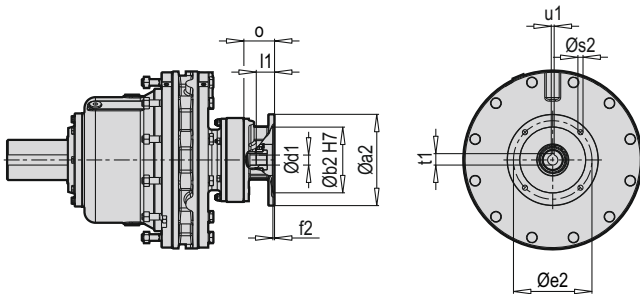
PCD 622-13 HX



PCD 622-13 VX



PCD 622-13 FX



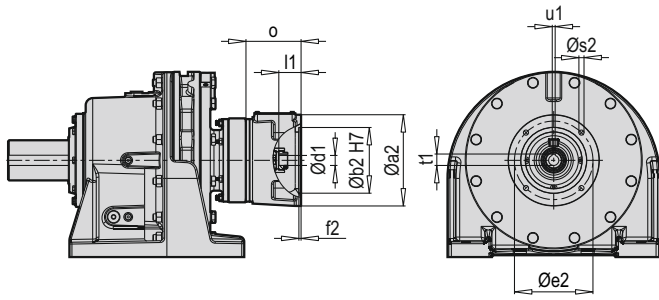
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|----|------|----|-------|
| PCD 622-13 | 80 | 200 | 130 | 165 | 5 | M10 | 19 | 30 | 21.8 | 6 | 53.5 |
| | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 40 | 27.3 | 8 | 68.5 |
| | 100 | 250 | 180 | 215 | 4.5 | 14 | 28 | 50 | 31.3 | 8 | 84 |
| | 112 | 250 | 180 | 215 | 4.5 | 14 | 28 | 50 | 31.3 | 8 | 84 |
| | 132 | 300 | 230 | 265 | 5 | 14 | 38 | 61 | 41.3 | 10 | 109.5 |

| ~ Kg | | | |
|--------------------|-----|-----|-----|
| PCD 622-13 X B5 | H | V | F |
| 80 | 432 | 419 | 389 |
| 90 | 432 | 419 | 389 |
| 100 | 434 | 421 | 391 |
| 112 | 434 | 421 | 391 |
| 132 | 439 | 426 | 396 |

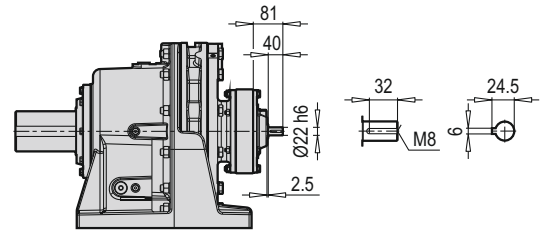
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|----|------|----|-------|
| PCD 622-13 | 80 | 120 | 80 | 100 | 4 | 6.6 | 19 | 30 | 21.8 | 6 | 53.5 |
| | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 40 | 27.3 | 8 | 68.5 |
| | 100 | 160 | 110 | 130 | 4.5 | 9 | 28 | 50 | 31.3 | 8 | 84 |
| | 112 | 160 | 110 | 130 | 4.5 | 9 | 28 | 50 | 31.3 | 8 | 84 |
| | 132 | 200 | 130 | 165 | 5 | 11 | 38 | 61 | 41.3 | 10 | 109.5 |

| ~ Kg | | | |
|---------------------|-----|-----|-----|
| PCD 622-13 X B14 | H | V | F |
| 80 | 431 | 418 | 388 |
| 90 | 431 | 418 | 388 |
| 100 | 433 | 420 | 390 |
| 112 | 433 | 420 | 390 |
| 132 | 438 | 425 | 395 |

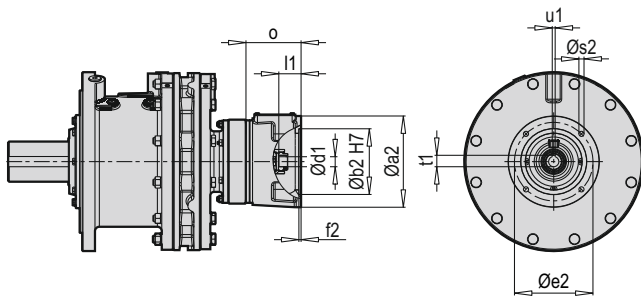
PCD 622-13 HC



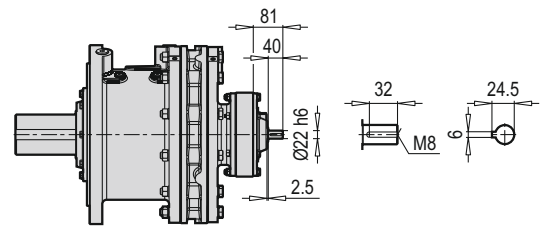
PCD 622-13 HW



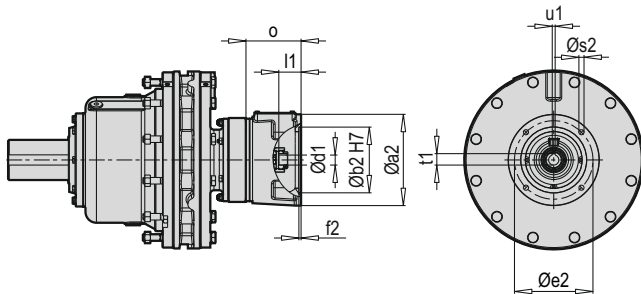
PCD 622-13 VC



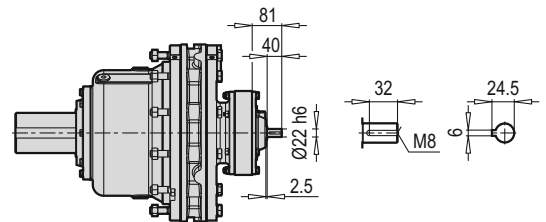
PCD 622-13 VW



PCD 622-13 FC



PCD 622-13 FW

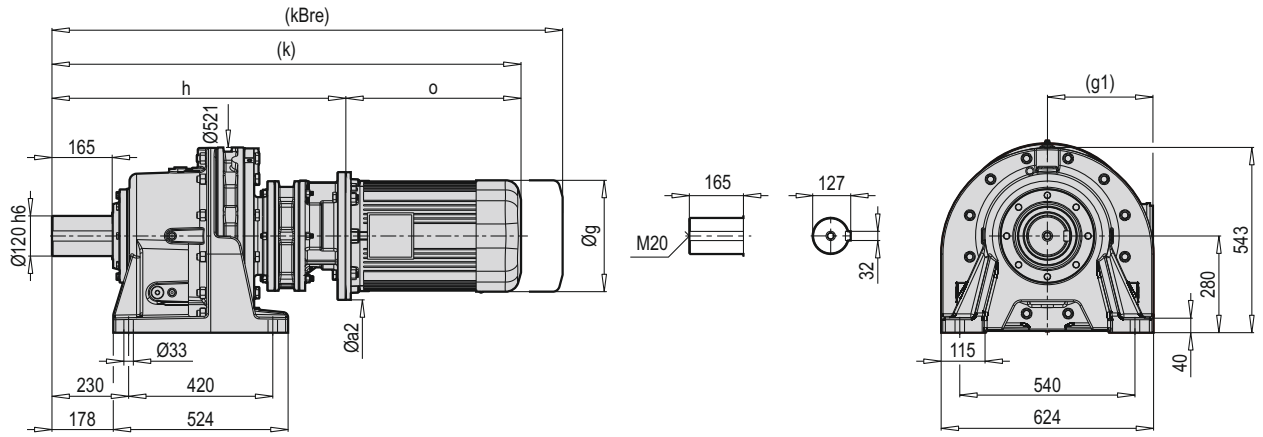


| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 622-13 W | H | V | F |
| | 430 | 417 | 387 |

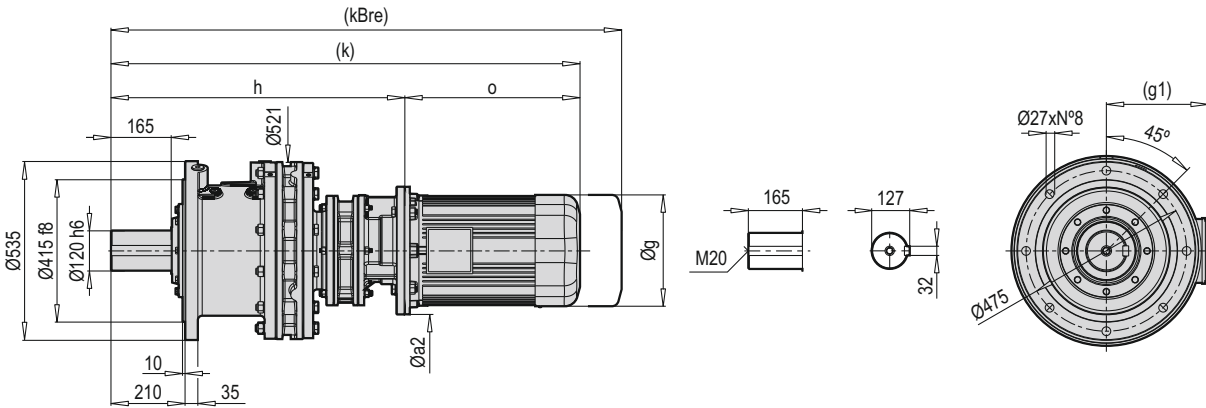
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|------|------|----|-----|
| PCD 622-13 | 80 | 200 | 130 | 165 | 5 | 11 | 19 | 45 | 21.8 | 6 | 124 |
| | 90 | 200 | 130 | 165 | 5 | 11 | 24 | 50 | 27.3 | 8 | 124 |
| | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 62 | 31.3 | 8 | 141 |
| | 112 | 250 | 180 | 215 | 6 | 14 | 28 | 62 | 31.3 | 8 | 141 |
| | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 82.5 | 41.3 | 10 | 161 |

| ~ Kg | | | |
|-----------------|-----|-----|-----|
| PCD 622-13 C B5 | H | V | F |
| 80 | 439 | 426 | 396 |
| 90 | 439 | 426 | 396 |
| 100 | 442 | 429 | 399 |
| 112 | 442 | 429 | 399 |
| 132 | 445 | 432 | 402 |

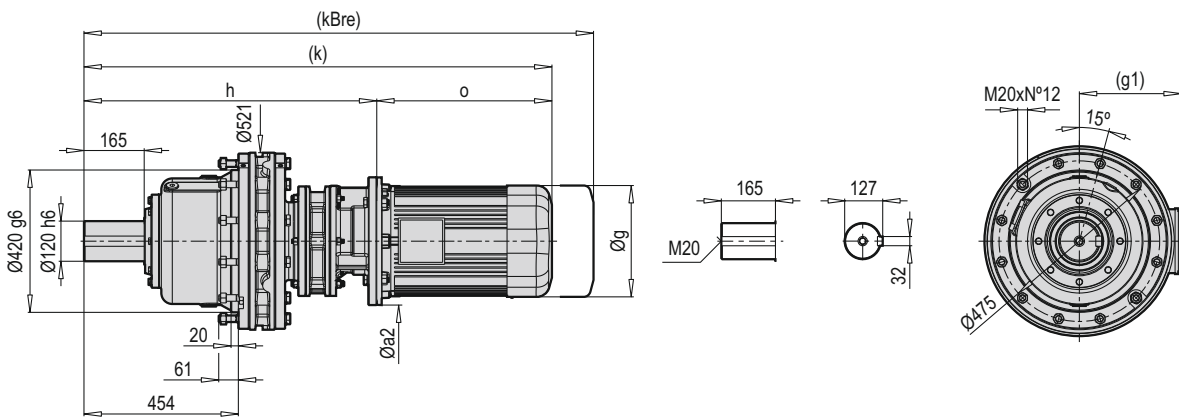
PCD 622-17 HXM



PCD 622-17 VXM

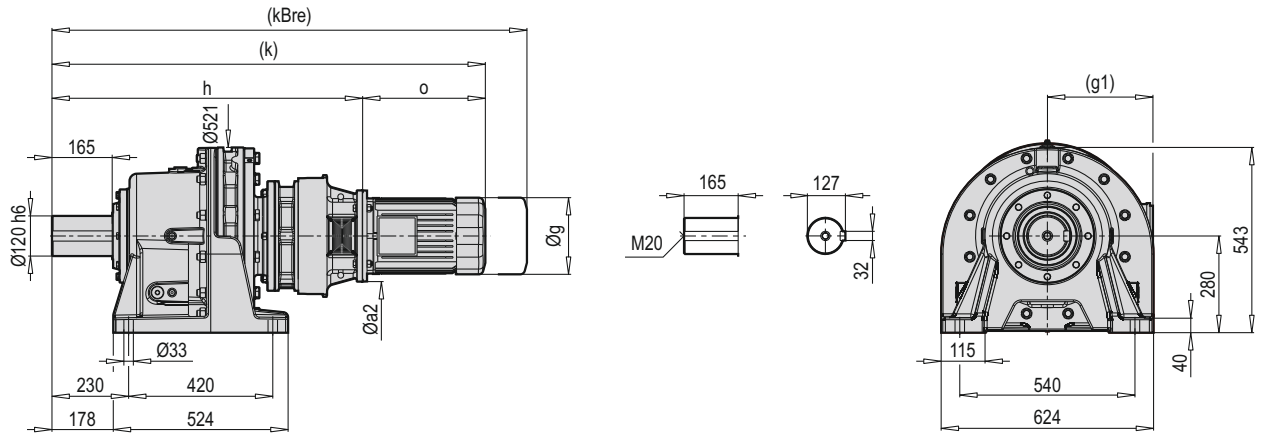


PCD 622-17 FXM

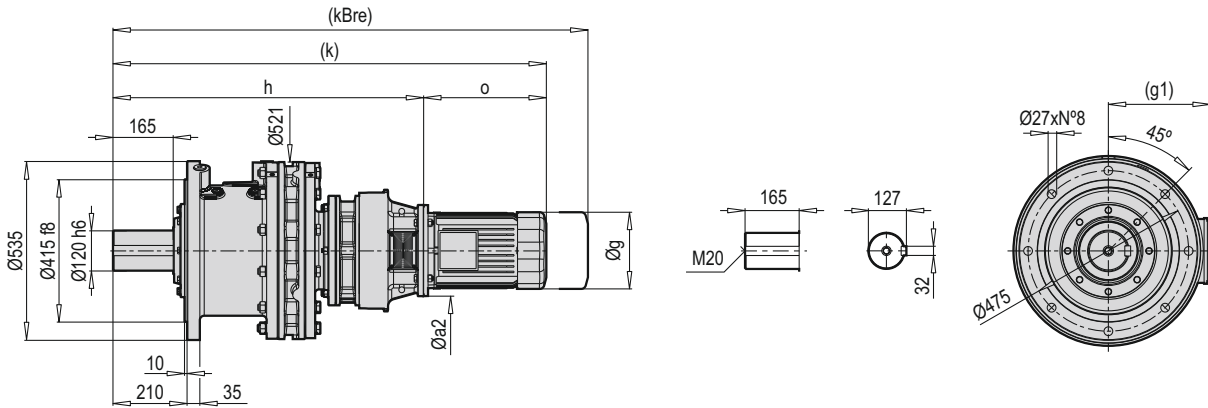


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|----|-----|----|-----|------|-----|-----|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 100 | 250 | 160 | 199 | 154.5 | - | - | - | - | - | - | 340 | 340 |
| 112 | 250 | 160 | 219 | 158.5 | - | - | - | - | - | - | 336 | 336 |
| 132 | 300 | 200 | 270 | 187 | - | - | - | - | - | - | 379 | 400.5 |
| 160 | 350 | - | 321 | 214 | - | - | - | - | - | - | 480 | - |

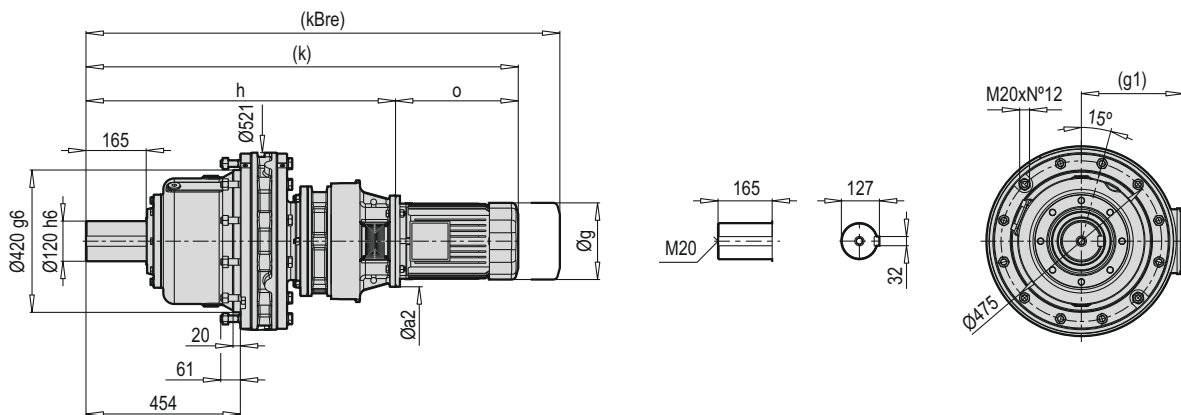
PCD 622-17 HCM



PCD 622-17 VCM

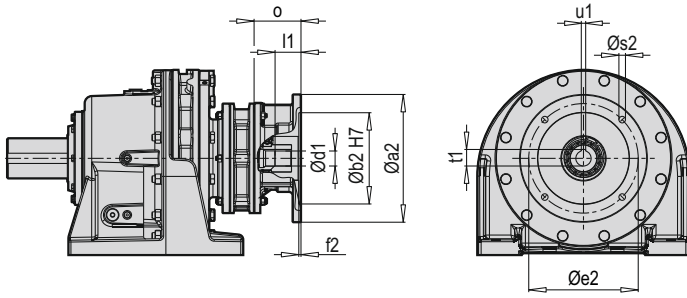


PCD 622-17 FCM

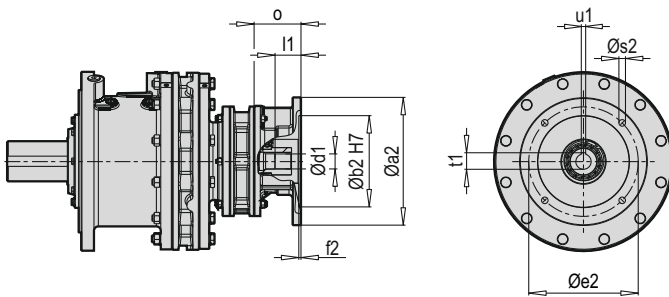


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-----|------|------|-----|
| 100 | 250 | 199 | 154.5 | 924 | 1264 | 1347 | 340 |
| 112 | 250 | 219 | 158.5 | 924 | 1260 | 1347 | 336 |
| 132 | 300 | 270 | 187 | 944 | 1323 | 1464 | 379 |
| 160 | 350 | 321 | 214 | 975 | 1455 | 1561 | 480 |

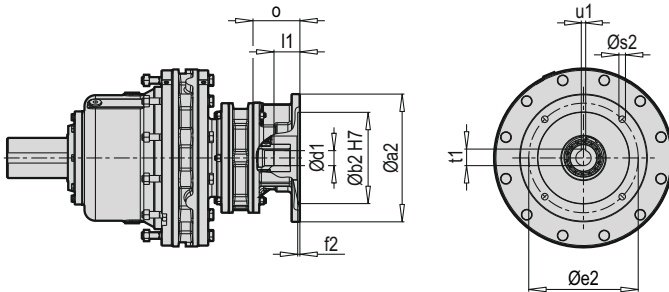
PCD 622-17 HX



PCD 622-17 VX



PCD 622-17 FX



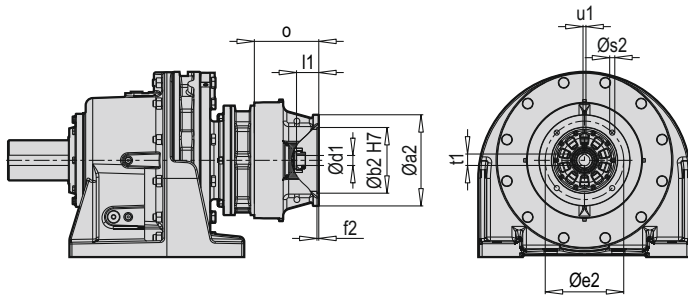
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 622-17 | 100 | - | - | - | - | - | - | - | - | - | - |
| | 112 | - | - | - | - | - | - | - | - | - | - |
| | 132 | - | - | - | - | - | - | - | - | - | - |
| | 160 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|--------------------|---|---|---|
| PCD 622-17 X B5 | H | V | F |
| 100 | - | - | - |
| 112 | - | - | - |
| 132 | - | - | - |
| 160 | - | - | - |

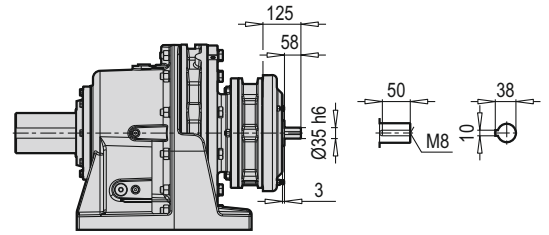
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 622-17 | 100 | - | - | - | - | - | - | - | - | - | - |
| | 112 | - | - | - | - | - | - | - | - | - | - |
| | 132 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|---------------------|---|---|---|
| PCD 622-17 X B14 | H | V | F |
| 100 | - | - | - |
| 112 | - | - | - |
| 132 | - | - | - |

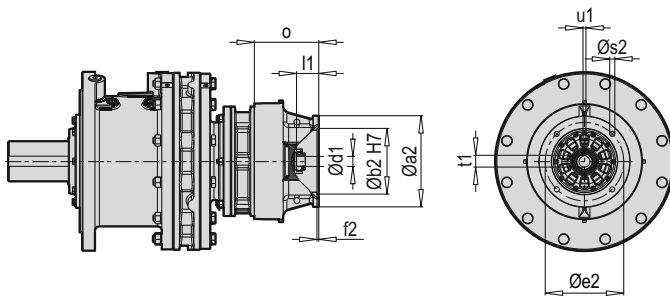
PCD 622-17 HC



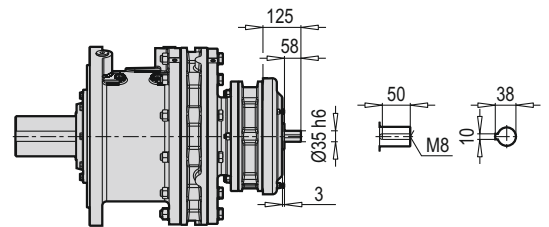
PCD 622-17 HW



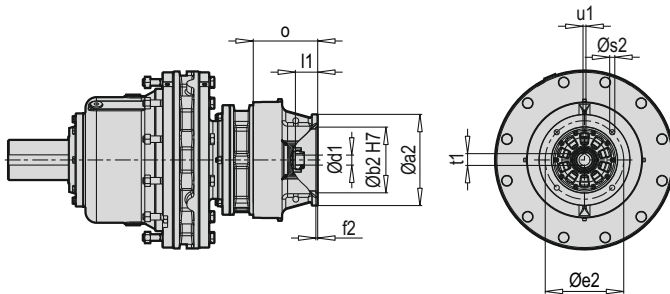
PCD 622-17 VC



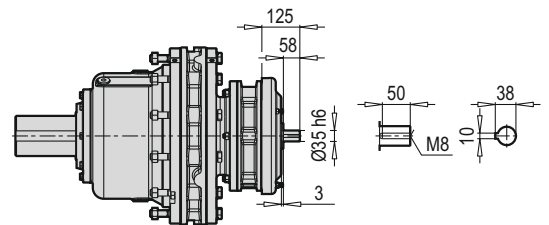
PCD 622-17 VW



PCD 622-17 FC



PCD 622-17 FW

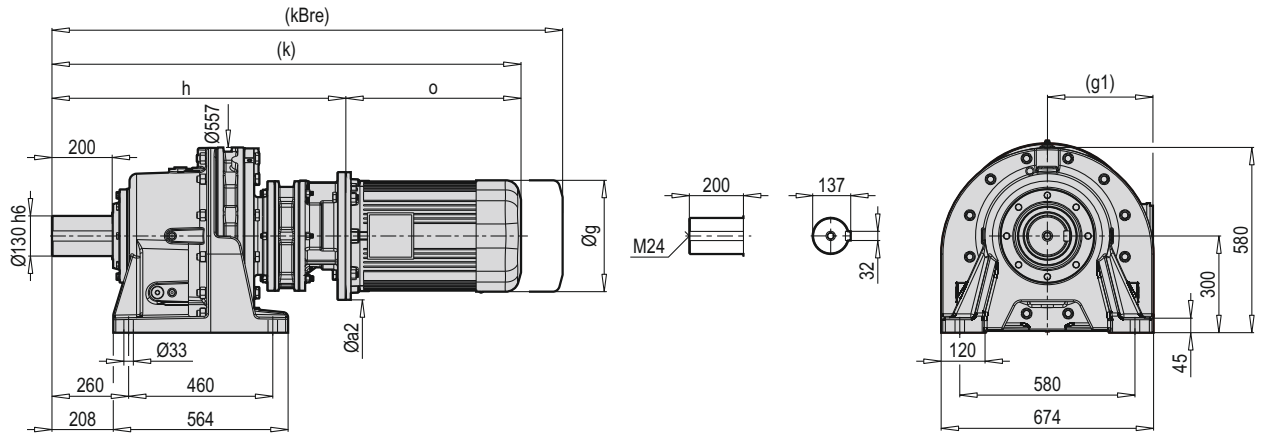


| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 622-17 W | H | V | F |
| | 475 | 462 | 432 |

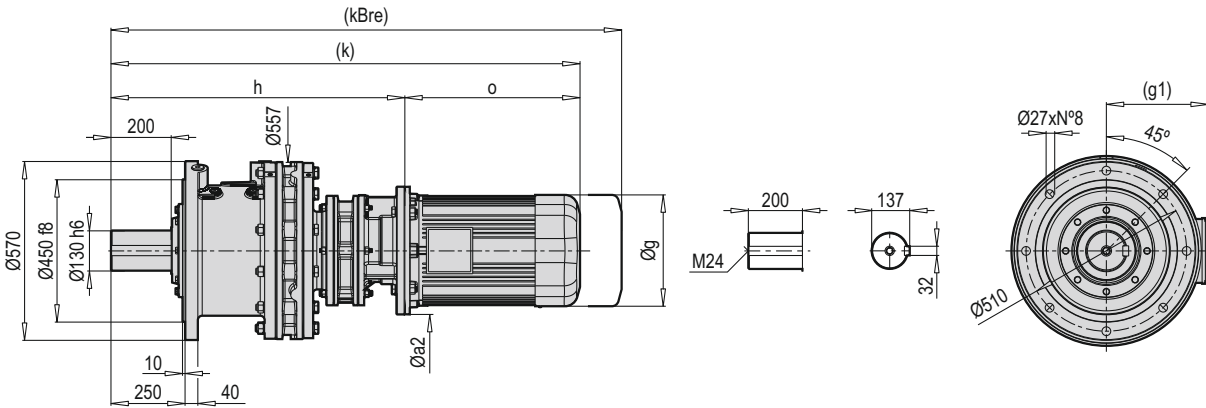
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|-----|------|----|-----|
| PCD 622-17 | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 58 | 31.3 | 8 | 174 |
| | 112 | 250 | 180 | 215 | 6 | 14 | 28 | 58 | 31.3 | 8 | 174 |
| | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 78 | 41.3 | 10 | 194 |
| | 160 | 350 | 250 | 300 | 6 | 18 | 42 | 101 | 45.3 | 12 | 225 |

| ~ Kg | | | |
|-----------------|-------|-------|-------|
| PCD 622-17 C B5 | H | V | F |
| 100 | 496 | 483 | 453 |
| 112 | 496 | 483 | 453 |
| 132 | 497.5 | 484.5 | 454.5 |
| 160 | 505 | 492 | 462 |

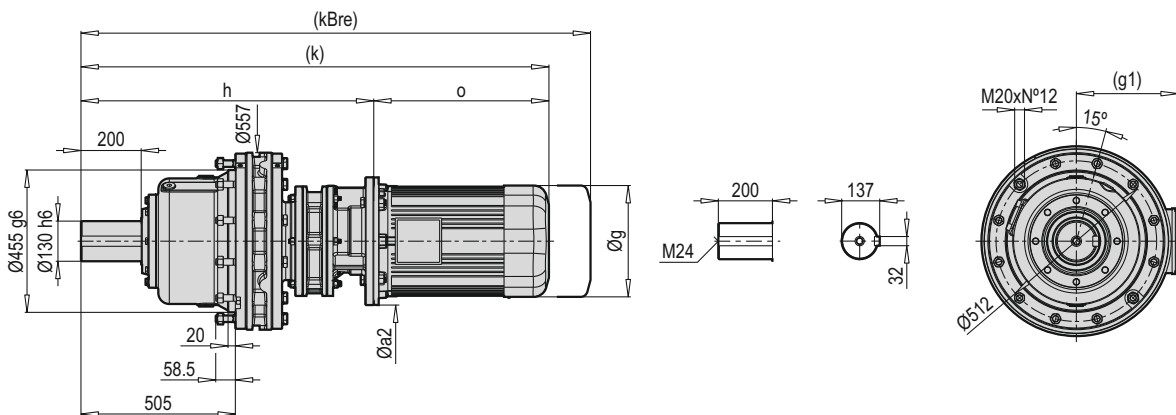
PCD 623-16 HXM



PCD 623-16 VXM

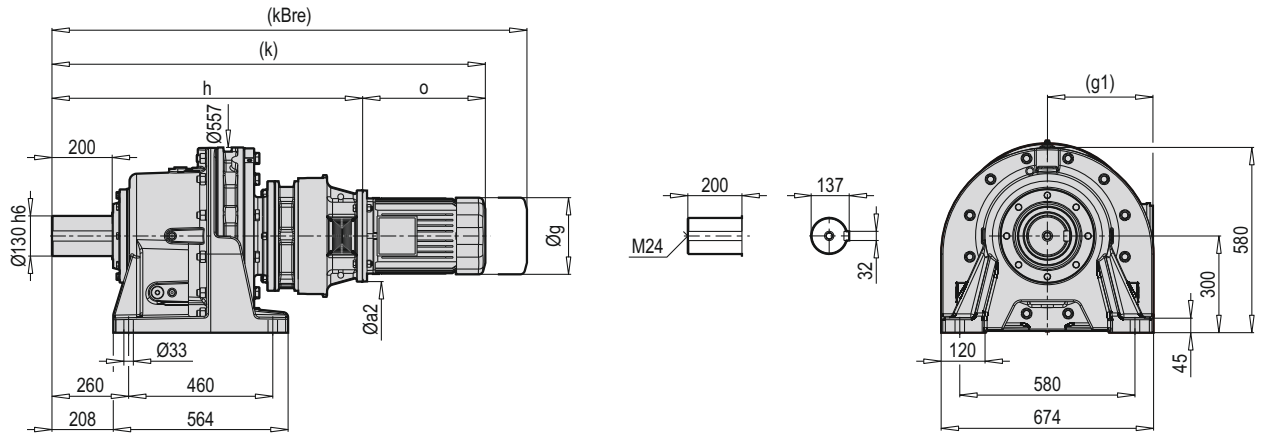


PCD 623-16 FXM

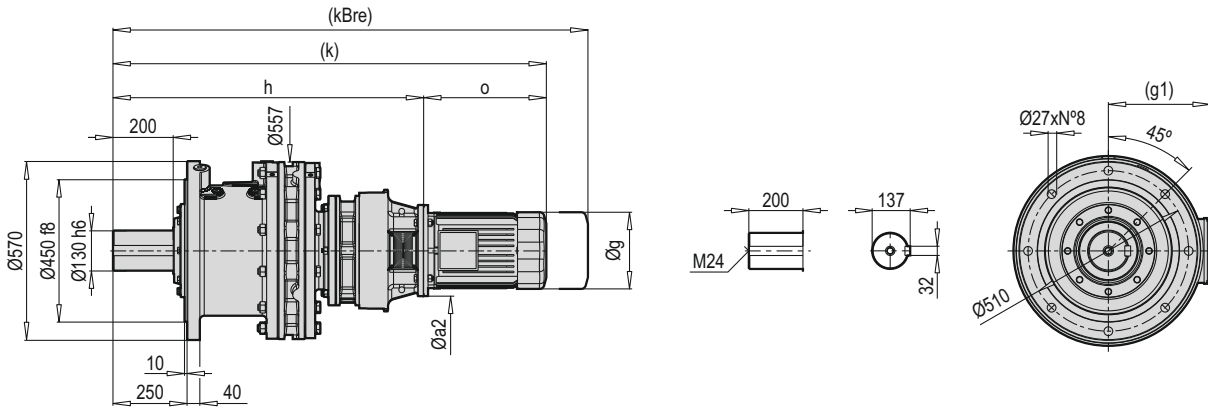


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-----|-----|------|--------|--------|--------|-----|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 90 | 200 | 140 | 179 | 129 | 850 | 850 | 1143 | 1143 | 1211.5 | 1210.5 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 856 | 856 | 1196 | 1196 | 1279 | 1279 | 340 | 340 |
| 112 | 250 | 160 | 219 | 158.5 | 856 | 856 | 1192 | 1192 | 1279 | 1292.5 | 336 | 336 |
| 132 | 300 | 200 | 270 | 187 | 874 | 874 | 1253 | 1274.5 | 1394 | 1374 | 379 | 400.5 |
| 160 | 350 | - | 321 | 214 | 907 | - | 1387 | - | 1493 | - | 480 | - |

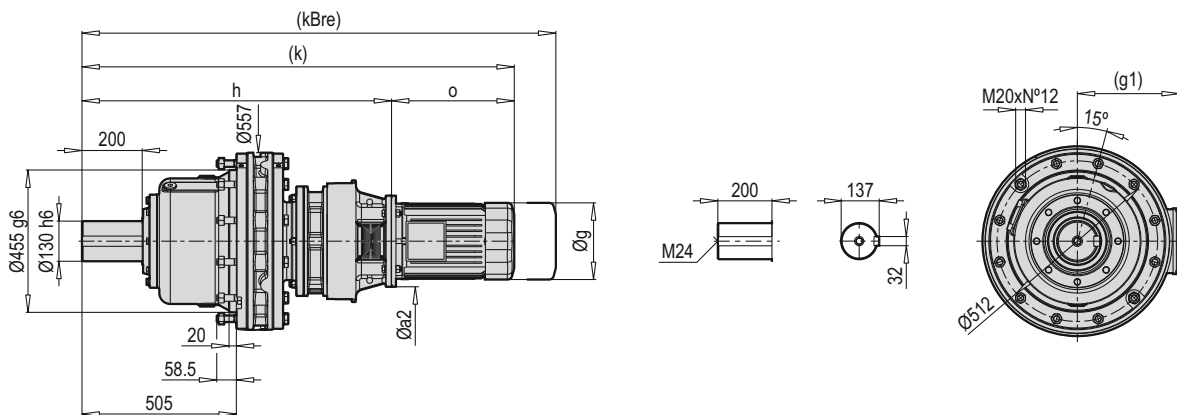
PCD 623-16 HCM



PCD 623-16 VCM

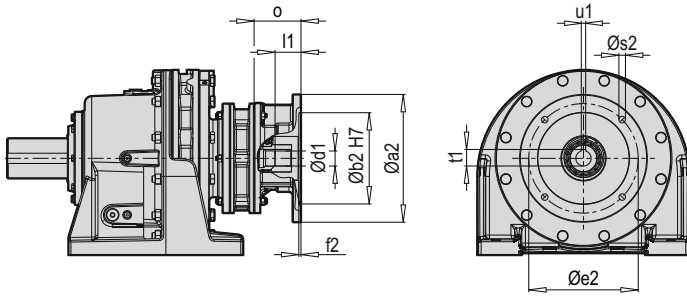


PCD 623-16 FCM

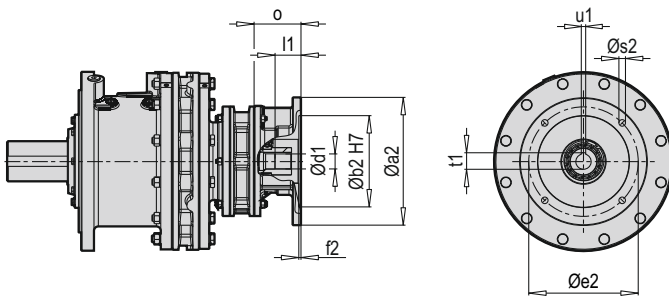


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|-----|------|--------|-----|
| 90 | 200 | 179 | 129 | 938 | 1231 | 1299.5 | 293 |
| 100 | 250 | 199 | 154.5 | 953 | 1293 | 1376 | 340 |
| 112 | 250 | 219 | 158.5 | 953 | 1289 | 1376 | 336 |
| 132 | 300 | 270 | 187 | 967 | 1346 | 1487 | 379 |
| 160 | 350 | 321 | 214 | 997 | 1477 | 1583 | 480 |

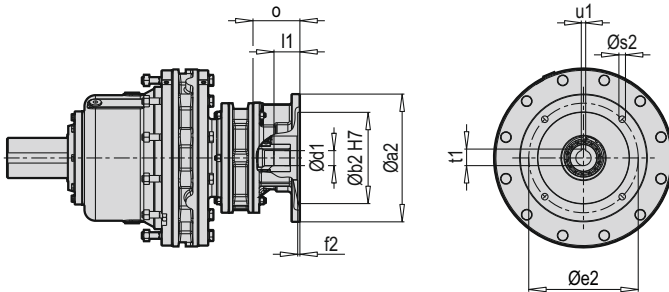
PCD 623-16 HX



PCD 623-16 VX



PCD 623-16 FX



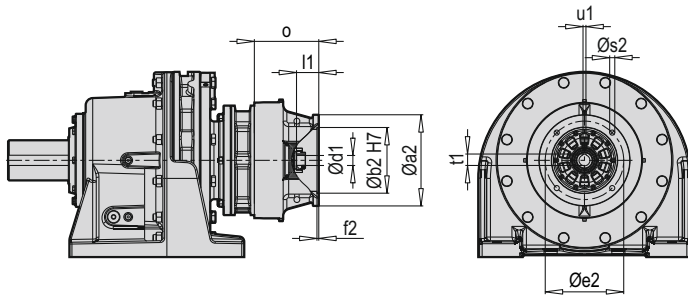
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|-----|-----|-----|----|------|----|-----|
| PCD 623-16 | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 43 | 27.3 | 8 | 71 |
| | 100 | 250 | 180 | 215 | 4.5 | 14 | 28 | 60 | 31.3 | 8 | 77 |
| | 112 | 250 | 180 | 215 | 4.5 | 14 | 28 | 60 | 31.3 | 8 | 77 |
| | 132 | 300 | 230 | 265 | 4.5 | 14 | 38 | 60 | 41.3 | 10 | 95 |
| | 160 | 350 | 250 | 300 | 6 | 18 | 42 | 71 | 45.3 | 12 | 128 |

| ~ Kg | | | |
|--------------------|-----|-----|-----|
| PCD 623-16 X B5 | H | V | F |
| 90 | 552 | 523 | 479 |
| 100 | 552 | 523 | 479 |
| 112 | 557 | 528 | 484 |
| 132 | 562 | 533 | 489 |
| 160 | 549 | 520 | 476 |

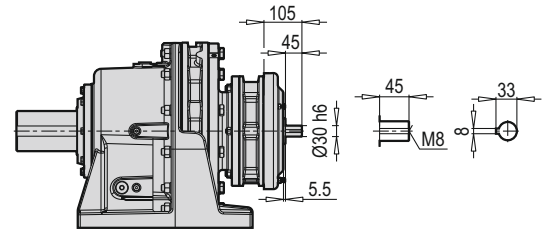
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|----|------|----|----|
| PCD 623-16 | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 43 | 27.3 | 8 | 71 |
| | 100 | 160 | 110 | 130 | 4.5 | 9 | 28 | 60 | 31.3 | 8 | 77 |
| | 112 | 160 | 110 | 130 | 4.5 | 9 | 28 | 60 | 31.3 | 8 | 77 |
| | 132 | 200 | 130 | 165 | 4.5 | 11 | 38 | 60 | 41.3 | 10 | 95 |

| ~ Kg | | | |
|---------------------|-----|-----|-----|
| PCD 623-16 X B14 | H | V | F |
| 90 | 549 | 520 | 476 |
| 100 | 551 | 522 | 478 |
| 112 | 551 | 522 | 478 |
| 132 | 556 | 527 | 483 |

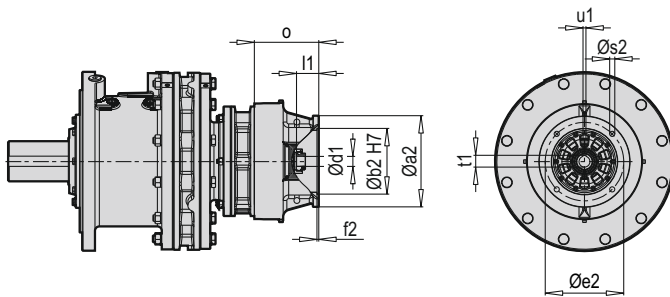
PCD 623-16 HC



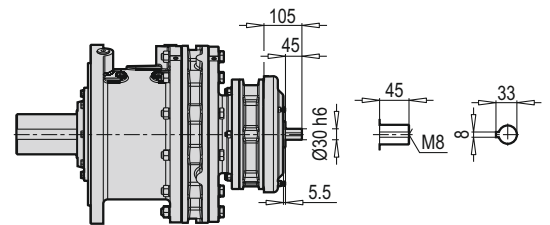
PCD 623-16 HW



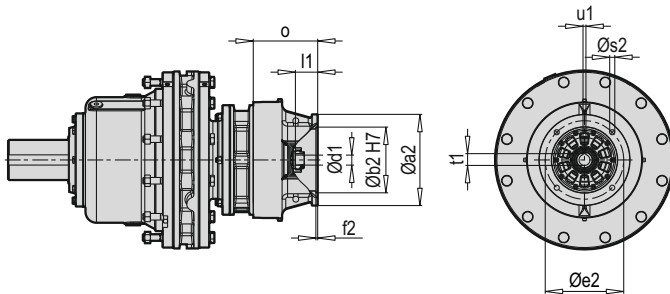
PCD 623-16 VC



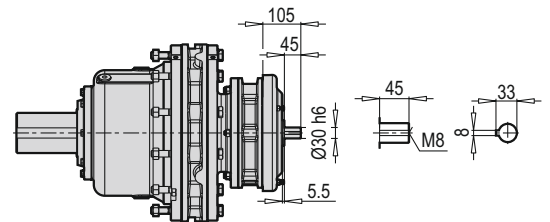
PCD 623-16 VW



PCD 623-16 FC



PCD 623-16 FW

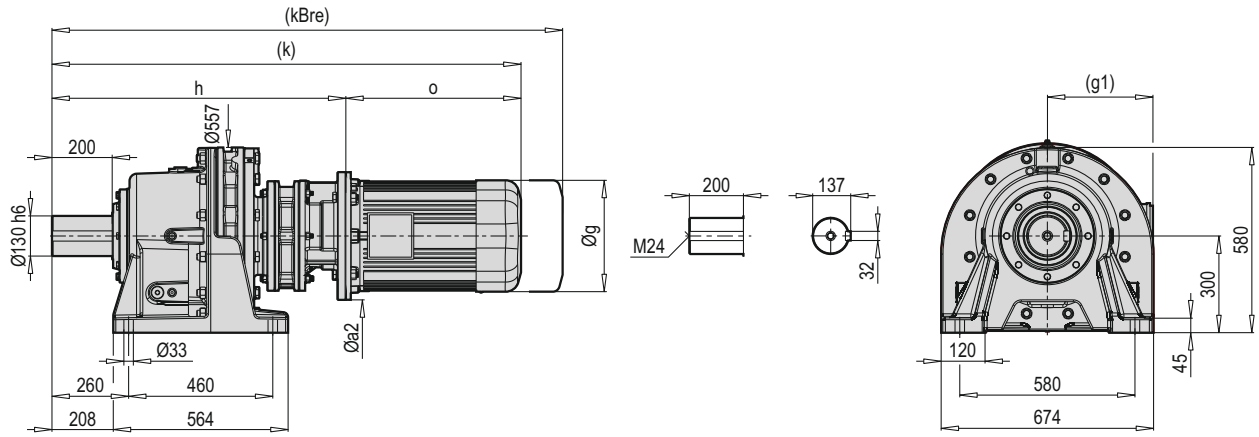


| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 623-16 W | H | V | F |
| | 550 | 521 | 477 |

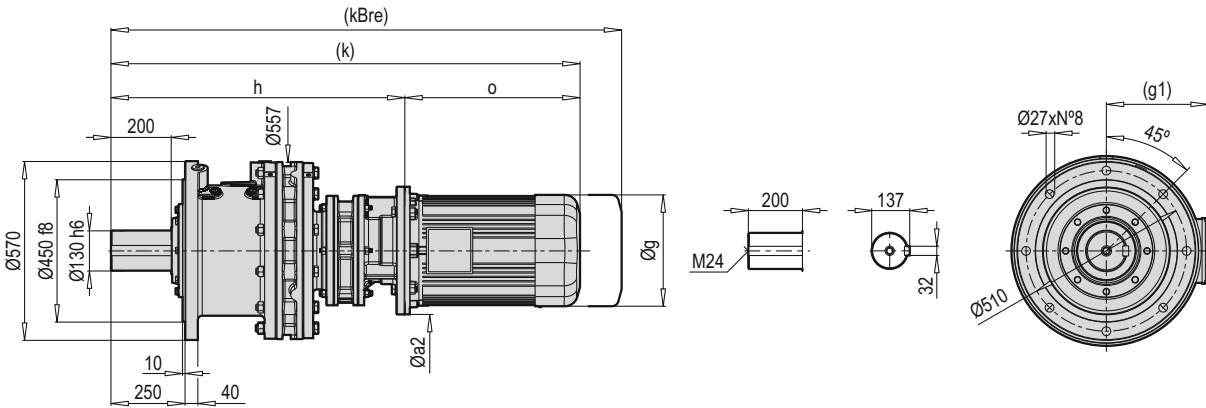
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|----|------|----|-----|
| PCD 623-16 | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 50 | 27.3 | 8 | 145 |
| | 100 | 250 | 180 | 215 | 5 | 14 | 28 | 62 | 31.3 | 8 | 160 |
| | 112 | 250 | 180 | 215 | 5 | 14 | 28 | 62 | 31.3 | 8 | 160 |
| | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 78 | 41.3 | 10 | 174 |
| | 160 | 350 | 250 | 300 | 7 | 19 | 42 | 85 | 45.3 | 12 | 204 |

| ~ Kg | | | |
|-----------------|-----|-----|-----|
| PCD 623-16 C B5 | H | V | F |
| 90 | 563 | 534 | 490 |
| 100 | 566 | 537 | 493 |
| 112 | 566 | 537 | 493 |
| 132 | 568 | 539 | 495 |
| 160 | 572 | 543 | 499 |

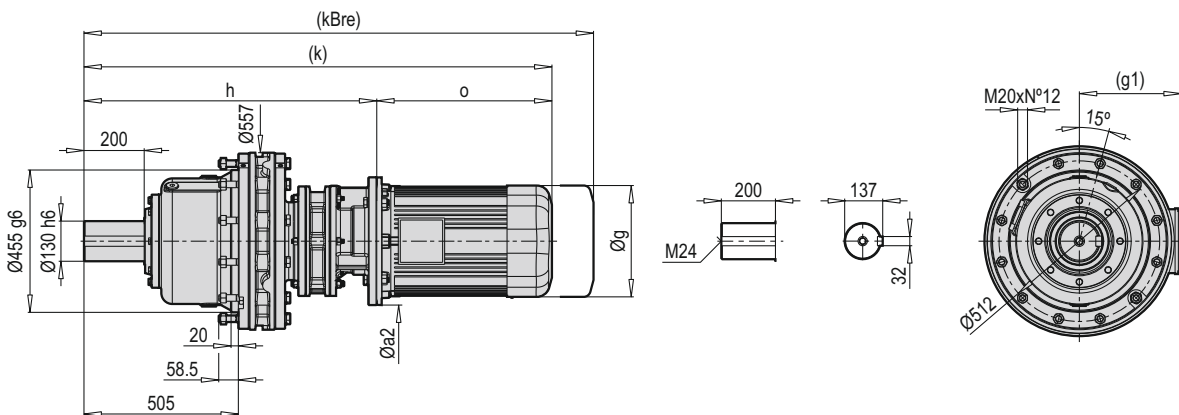
PCD 623-18 HXM



PCD 623-18 VXM

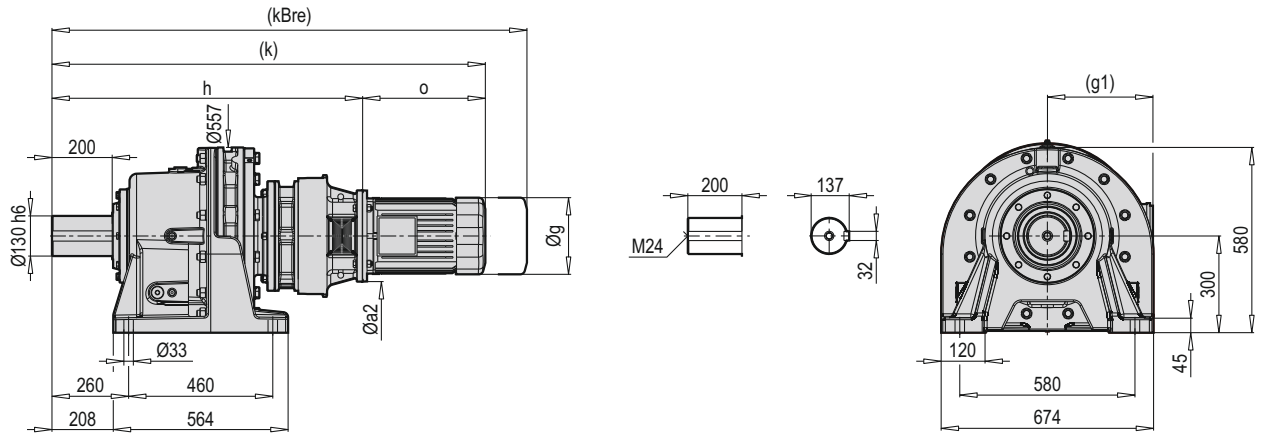


PCD 623-18 FXM

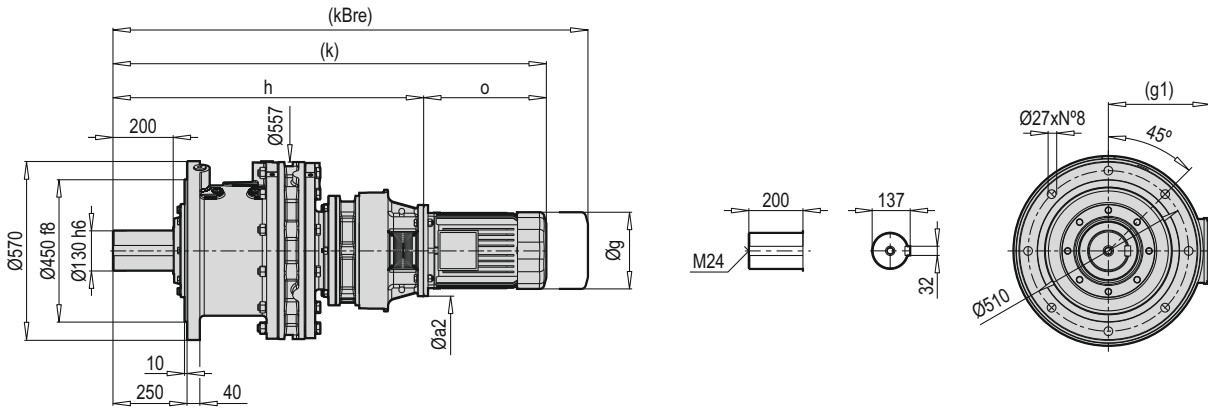


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|----|-----|----|-----|------|-----|-------|-----|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 100 | 250 | - | 199 | 154.5 | - | - | - | - | - | - | 340 | - |
| 112 | 250 | - | 219 | 158.5 | - | - | - | - | - | - | 336 | - |
| 132 | 300 | - | 270 | 187 | - | - | - | - | - | - | 379 | - |
| 160 | 350 | - | 321 | 214 | - | - | - | - | - | - | 480 | - |
| 180 | 350 | - | 363 | 249 | - | - | - | - | - | - | 586 | - |
| 200 | 400 | - | 363 | 249 | - | - | - | - | - | - | 595.5 | - |

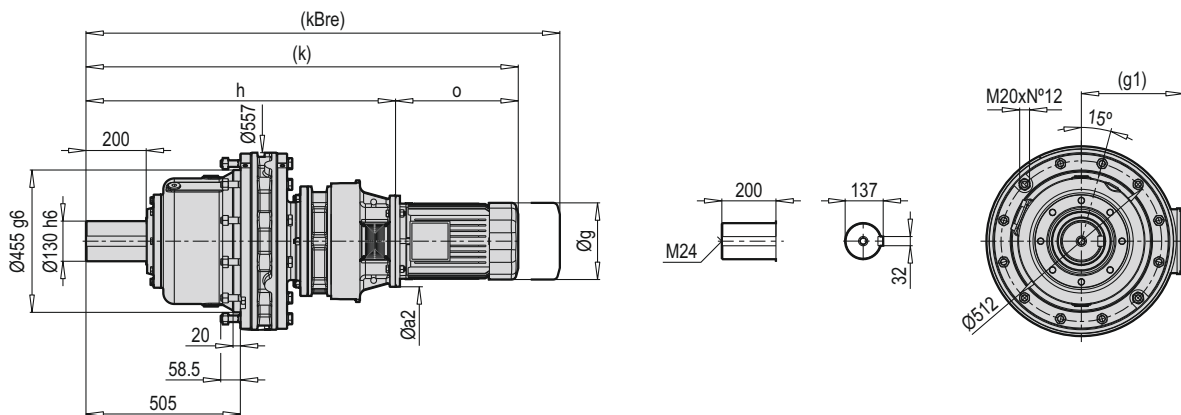
PCD 623-18 HCM



PCD 623-18 VCM

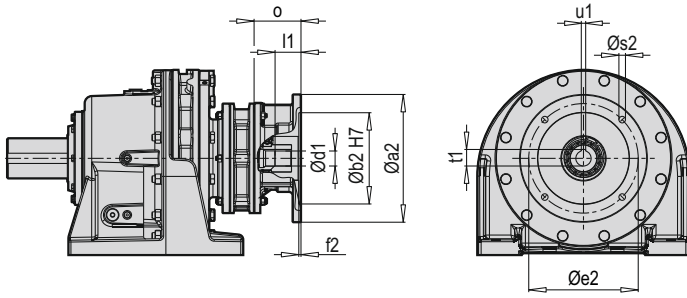


PCD 623-18 FCM

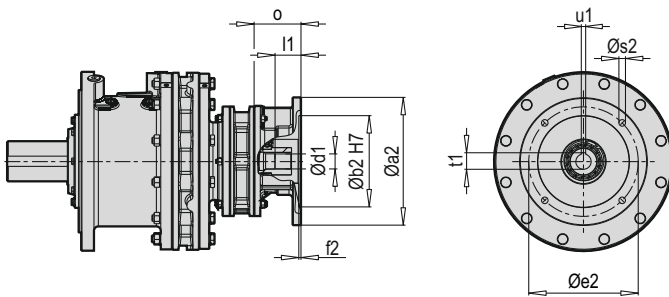


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|------|--------|--------|-------|
| 100 | 250 | 199 | 154.5 | 1008 | 1348 | 1431 | 340 |
| 112 | 250 | 219 | 158.5 | 1008 | 1344 | 1431 | 336 |
| 132 | 300 | 270 | 187 | 1026 | 1405 | 1546 | 379 |
| 160 | 350 | 321 | 214 | 1061 | 1541 | 1647 | 480 |
| 180 | 350 | 363 | 249 | 1061 | 1647 | 1765.5 | 586 |
| 200 | 400 | 363 | 249 | 1061 | 1656.5 | 1775 | 595.5 |

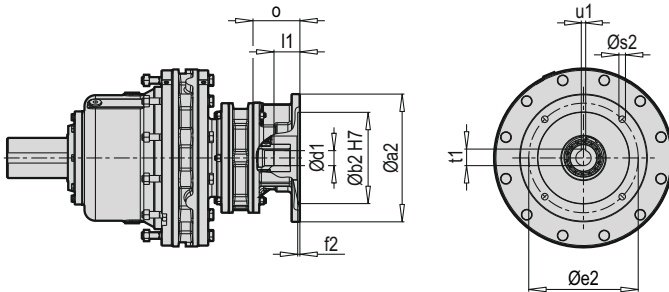
PCD 623-18 HX



PCD 623-18 VX



PCD 623-18 FX



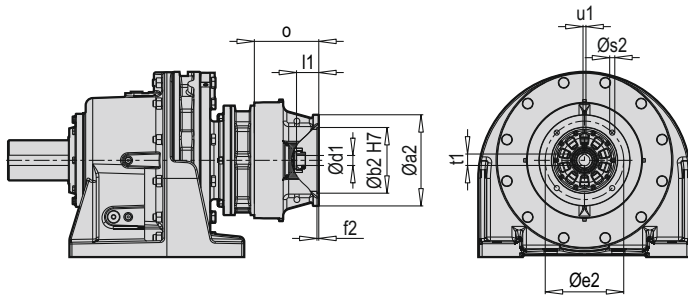
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 623-18 | 100 | - | - | - | - | - | - | - | - | - | - |
| | 112 | - | - | - | - | - | - | - | - | - | - |
| | 132 | - | - | - | - | - | - | - | - | - | - |
| | 160 | - | - | - | - | - | - | - | - | - | - |
| | 180 | - | - | - | - | - | - | - | - | - | - |
| | 200 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|--------------------|---|---|---|
| PCD 623-18 X B5 | H | V | F |
| 100 | - | - | - |
| 112 | - | - | - |
| 132 | - | - | - |
| 160 | - | - | - |
| 180 | - | - | - |
| 200 | - | - | - |

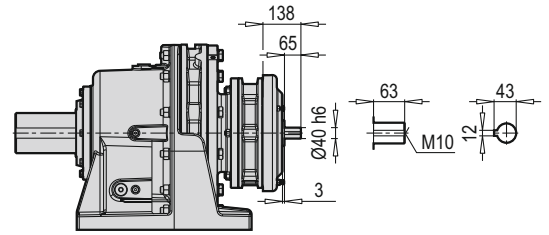
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 623-18 | 100 | - | - | - | - | - | - | - | - | - | - |
| | 112 | - | - | - | - | - | - | - | - | - | - |
| | 132 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|---------------------|---|---|---|
| PCD 623-18 X B14 | H | V | F |
| 100 | - | - | - |
| 112 | - | - | - |
| 132 | - | - | - |

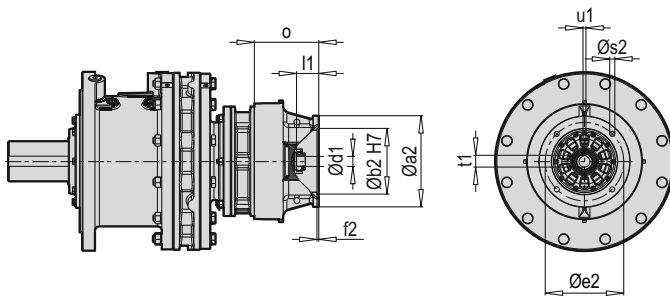
PCD 623-18 HC



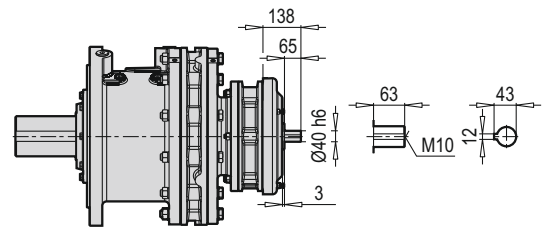
PCD 623-18 HW



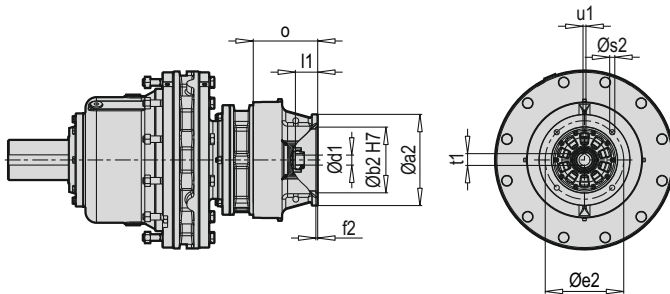
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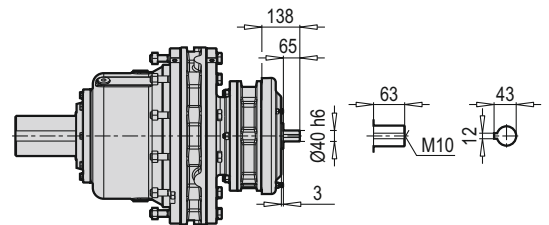
PCD 623-18 VW



PCD 623-18 FC



PCD 623-18 FW

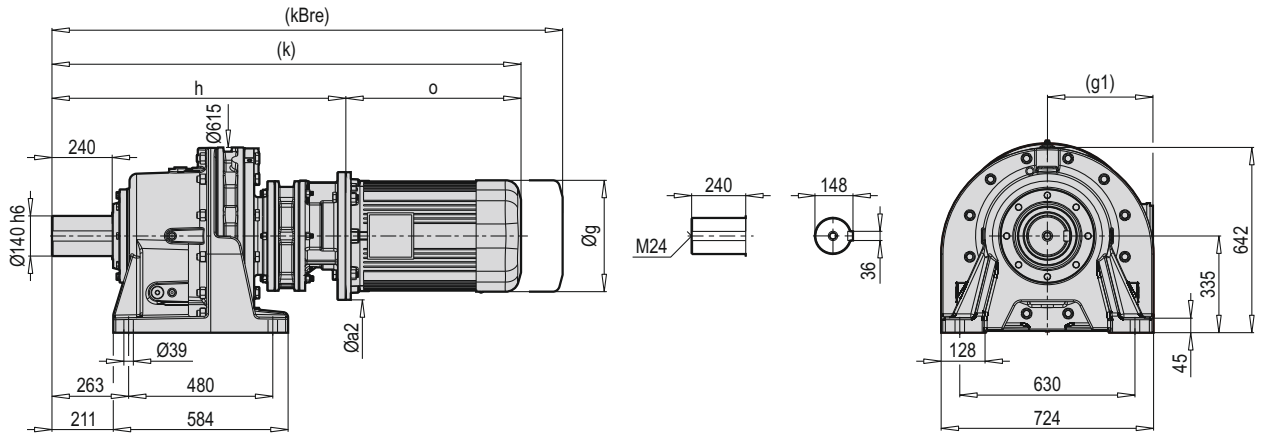


| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 623-18 W | H | V | F |
| | 550 | 521 | 477 |

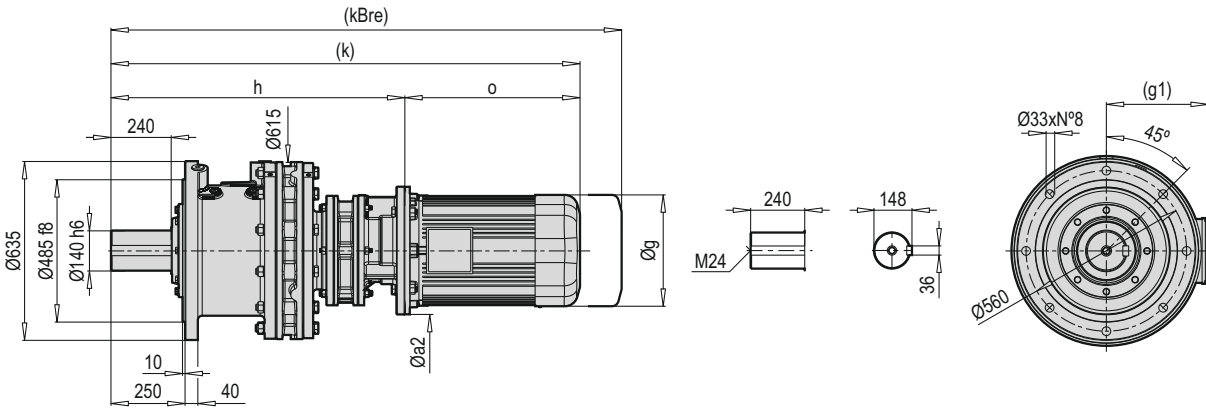
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|-------|------|----|-----|
| PCD 623-18 | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 78 | 31.3 | 8 | 183 |
| | 112 | 250 | 180 | 215 | 6 | 14 | 28 | 78 | 31.3 | 8 | 183 |
| | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 78 | 41.3 | 10 | 203 |
| | 160 | 350 | 250 | 300 | 6 | 18 | 42 | 109 | 45.3 | 12 | 238 |
| | 180 | 350 | 250 | 300 | 6 | 18 | 48 | 108.5 | 51.8 | 14 | 238 |
| | 200 | 400 | 300 | 350 | 6 | 18 | 55 | 99 | 59.8 | 16 | 238 |

| ~ Kg | | | |
|-----------------|-----|-----|-----|
| PCD 623-18 C B5 | H | V | F |
| 100 | 606 | 577 | 533 |
| 112 | 606 | 577 | 533 |
| 132 | 607 | 578 | 543 |
| 160 | 613 | 584 | 540 |
| 180 | 613 | 584 | 540 |
| 200 | 620 | 591 | 547 |

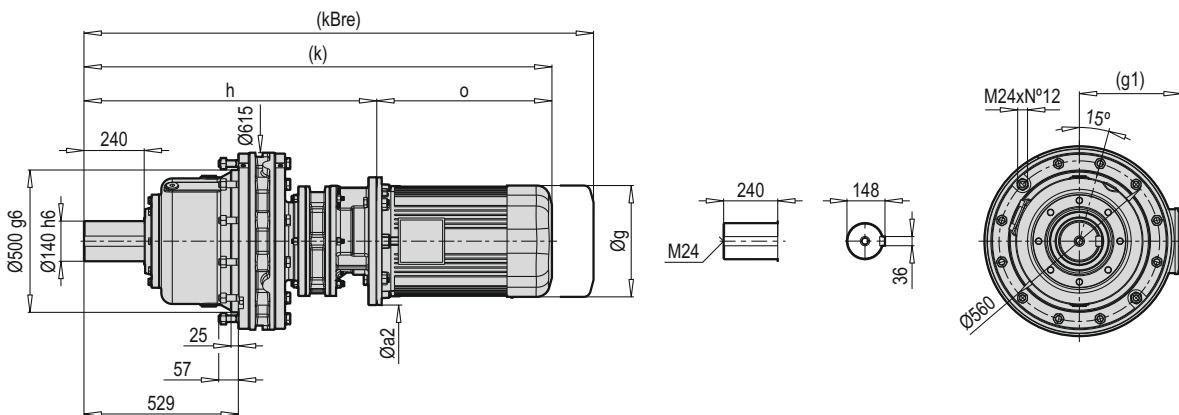
PCD 624-16 HXM



PCD 624-16 VXM

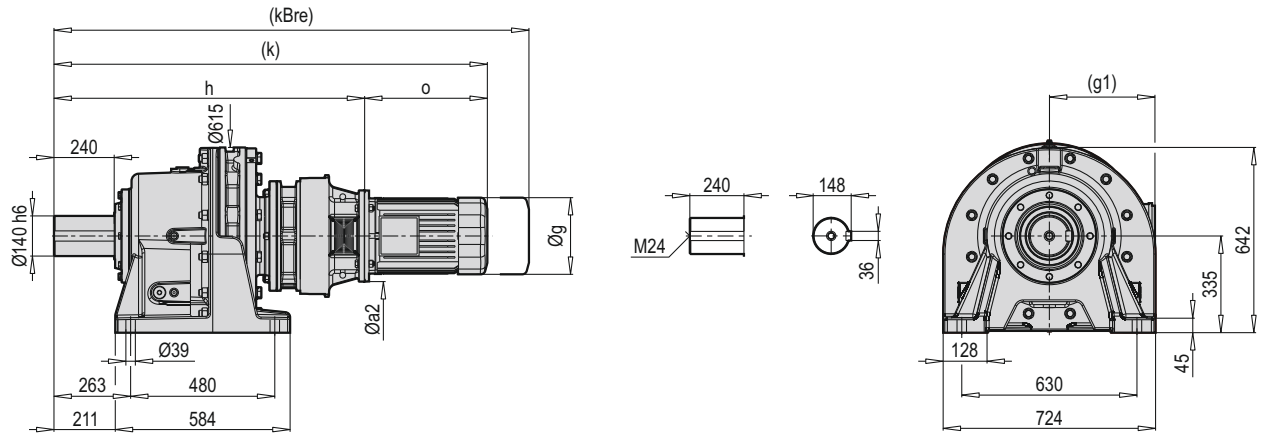


PCD 624-16 FXM

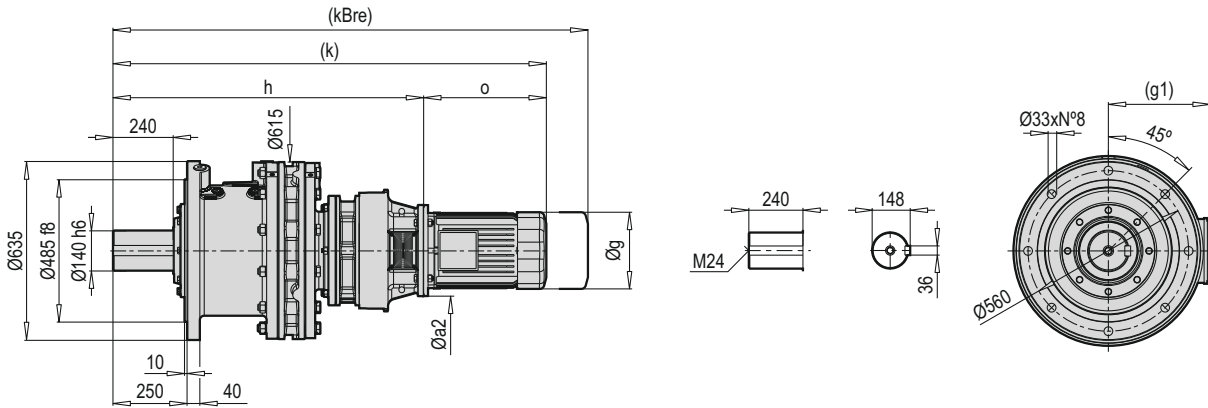


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|-----|-----|------|--------|--------|--------|-----|-------|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 90 | 200 | 140 | 179 | 129 | 888 | 888 | 1181 | 1181 | 1249.5 | 1248.5 | 293 | 293 |
| 100 | 250 | 160 | 199 | 154.5 | 894 | 894 | 1234 | 1234 | 1317 | 1317 | 340 | 340 |
| 112 | 250 | 160 | 219 | 158.5 | 894 | 894 | 1230 | 1230 | 1317 | 1330.5 | 336 | 336 |
| 132 | 300 | 200 | 270 | 187 | 912 | 912 | 1291 | 1312.5 | 1432 | 1412 | 379 | 400.5 |
| 160 | 350 | - | 321 | 214 | 945 | - | 1425 | - | 1531 | - | 480 | - |

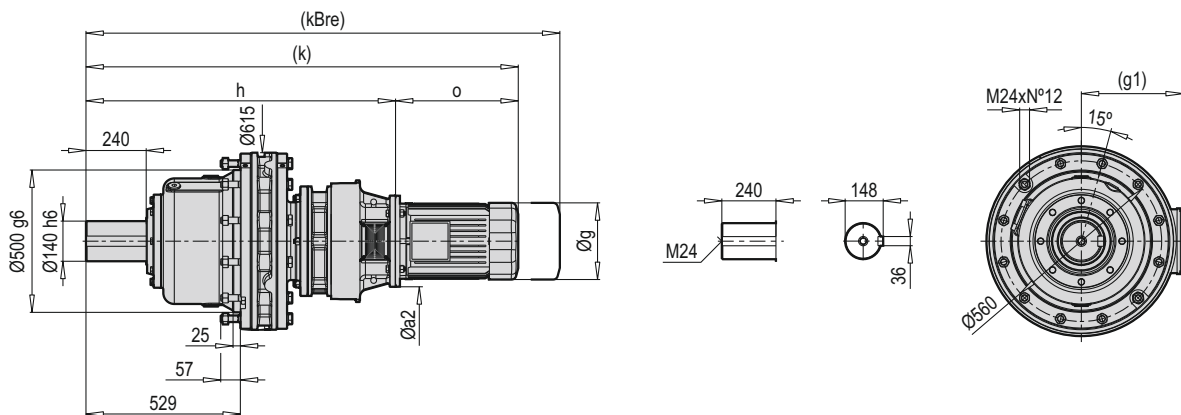
PCD 624-16 HCM



PCD 624-16 VCM

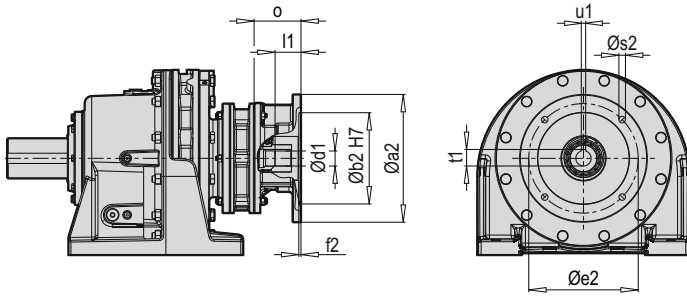


PCD 624-16 FCM

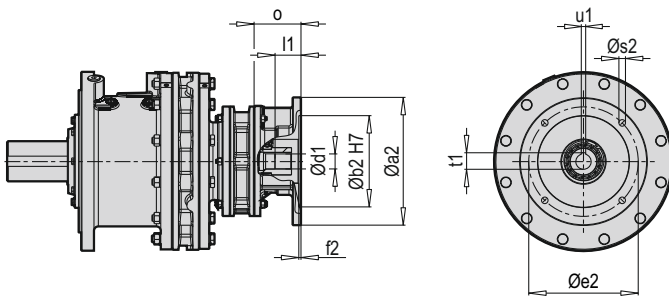


| HCM VCM FCM | $\varnothing a2$ | g | g1 | h | k | kBre | o |
|-------------------|------------------|-----|-------|-----|------|--------|-----|
| 90 | 200 | 179 | 129 | 888 | 1181 | 1249.5 | 293 |
| 100 | 250 | 199 | 154.5 | 894 | 1234 | 1317 | 340 |
| 112 | 250 | 219 | 158.5 | 894 | 1230 | 1317 | 336 |
| 132 | 300 | 270 | 187 | 912 | 1291 | 1432 | 379 |
| 160 | 350 | 321 | 214 | 945 | 1425 | 1531 | 480 |

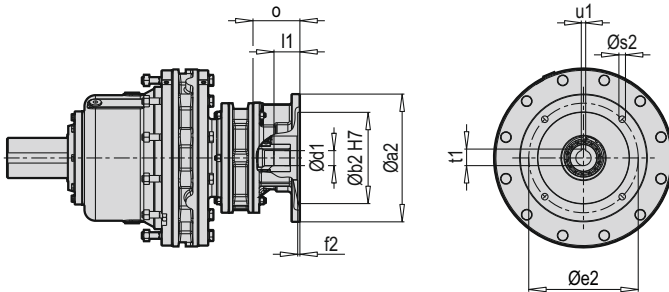
PCD 624-16 HX



PCD 624-16 VX



PCD 624-16 FX



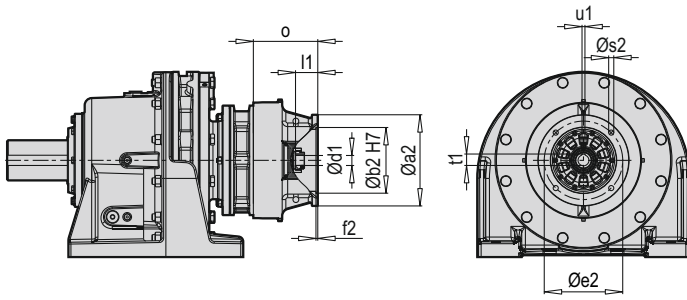
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-------|-----|-----|-----|-----|-----|----|------|----|-----|
| PCD 624-16 | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 43 | 27.3 | 8 | 71 |
| | 100 | 250 | 180 | 215 | 4.5 | 14 | 28 | 60 | 31.3 | 8 | 77 |
| | 112 | 250 | 180 | 215 | 4.5 | 14 | 28 | 60 | 31.3 | 8 | 77 |
| | 132 | 297.5 | 230 | 265 | 4.5 | 14 | 38 | 60 | 41.3 | 10 | 95 |
| | 160 | 350 | 250 | 300 | 6 | 18 | 42 | 71 | 45.3 | 12 | 128 |

| ~ Kg | | | |
|--------------------|-----|-----|-----|
| PCD 624-16 X B5 | H | V | F |
| 90 | 658 | 612 | 591 |
| 100 | 660 | 614 | 593 |
| 112 | 660 | 614 | 593 |
| 132 | 665 | 619 | 598 |
| 160 | 670 | 624 | 603 |

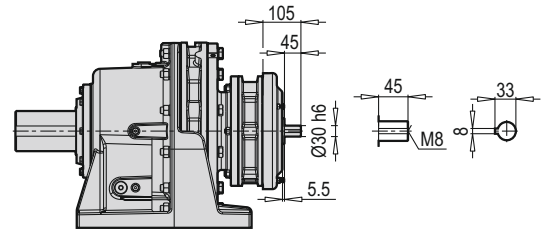
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|-----|-----|-----|----|------|----|----|
| PCD 624-16 | 90 | 140 | 95 | 115 | 4 | 9 | 24 | 43 | 27.3 | 8 | 71 |
| | 100 | 160 | 110 | 130 | 4.5 | 9 | 28 | 60 | 31.3 | 8 | 77 |
| | 112 | 160 | 110 | 130 | 4.5 | 9 | 28 | 60 | 31.3 | 8 | 77 |
| | 132 | 200 | 130 | 165 | 4.5 | 11 | 38 | 60 | 41.3 | 10 | 95 |

| ~ Kg | | | |
|---------------------|-----|-----|-----|
| PCD 624-16 X B14 | H | V | F |
| 90 | 658 | 612 | 591 |
| 100 | 660 | 614 | 593 |
| 112 | 660 | 614 | 593 |
| 132 | 665 | 619 | 598 |

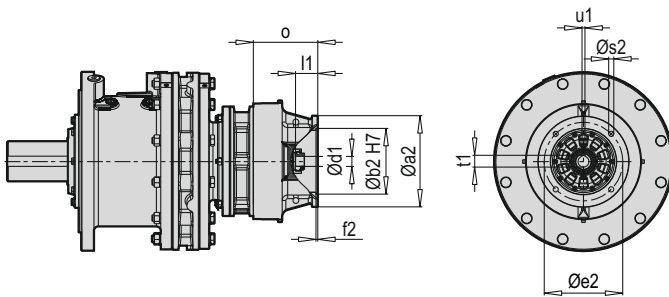
PCD 624-16 HC



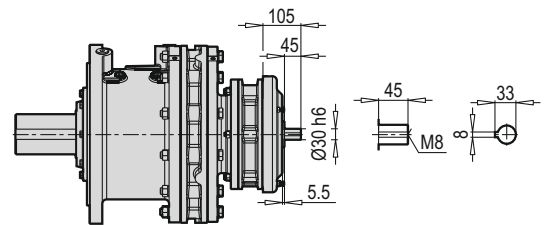
PCD 624-16 HW



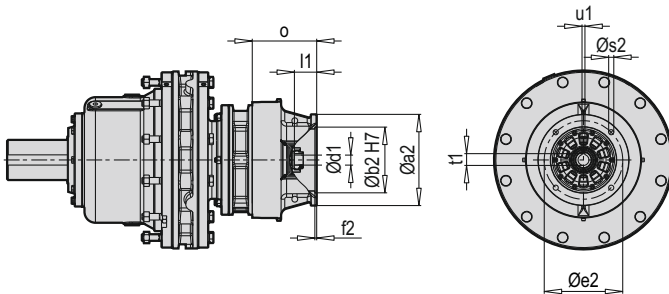
PCD 624-16 VC



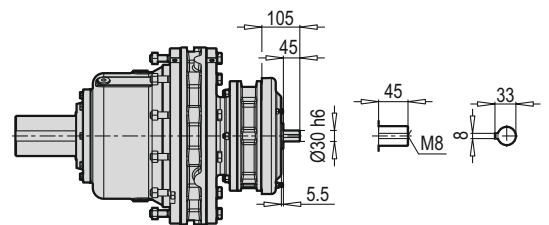
PCD 624-16 VW



PCD 624-16 FC



PCD 624-16 FW

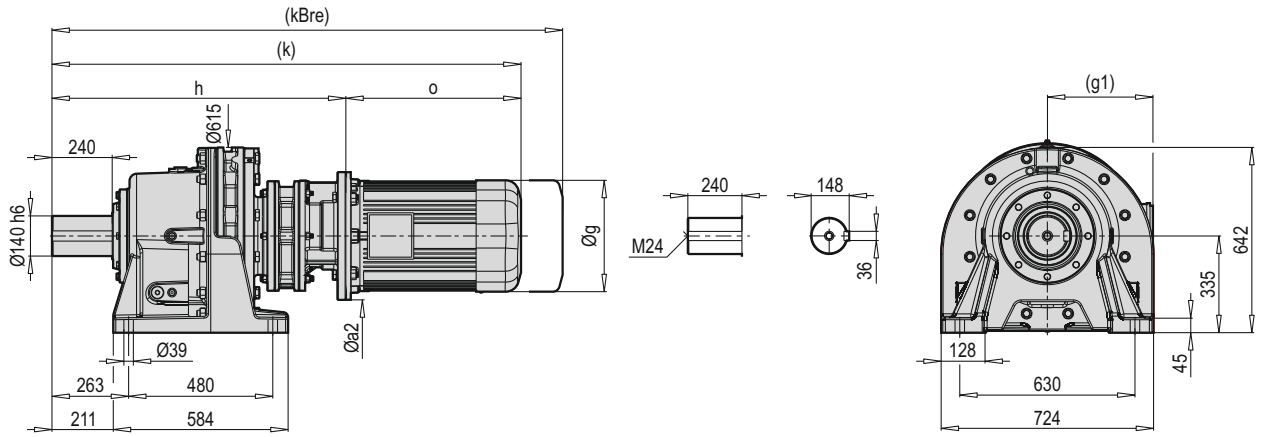


| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 624-16 W | H | V | F |
| | 655 | 609 | 588 |

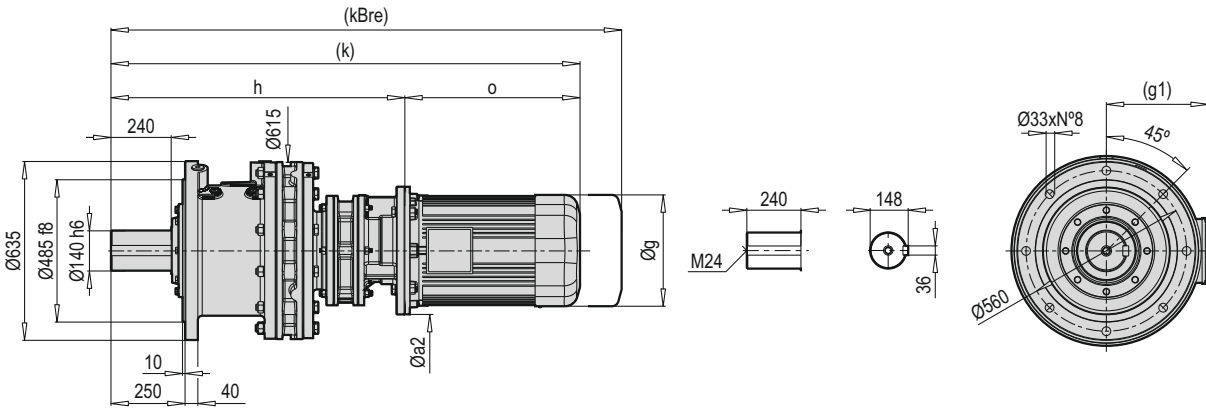
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|----|------|----|-----|
| PCD 624-16 | 90 | 200 | 130 | 165 | 4 | 11 | 24 | 50 | 27.3 | 8 | 145 |
| | 100 | 250 | 180 | 215 | 5 | 14 | 28 | 62 | 31.3 | 8 | 160 |
| | 112 | 250 | 180 | 215 | 5 | 14 | 28 | 62 | 31.3 | 8 | 160 |
| | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 78 | 41.3 | 10 | 174 |
| | 160 | 350 | 250 | 300 | 7 | 19 | 42 | 85 | 45.3 | 12 | 204 |

| ~ Kg | | | |
|-----------------|-----|-----|-----|
| PCD 624-16 C B5 | H | V | F |
| 90 | 668 | 622 | 601 |
| 100 | 671 | 625 | 604 |
| 112 | 671 | 625 | 604 |
| 132 | 673 | 627 | 606 |
| 160 | 677 | 631 | 610 |

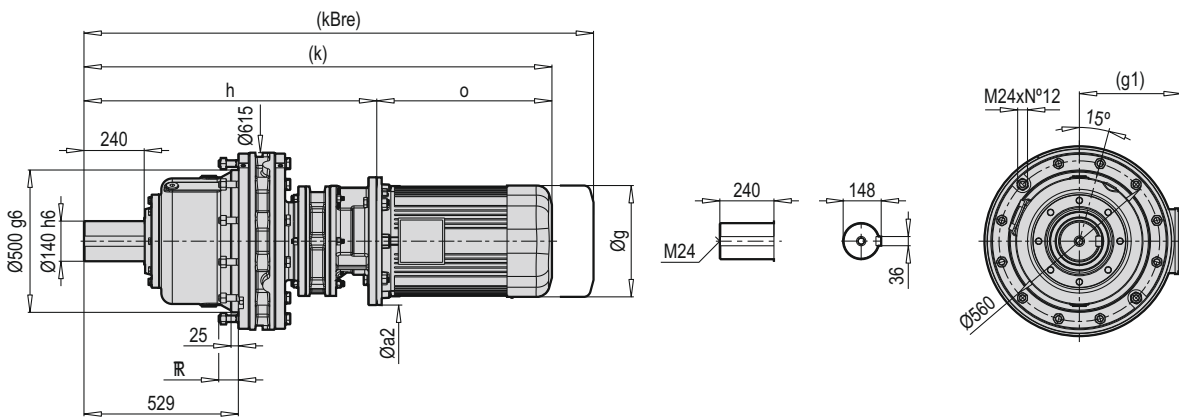
PCD 624-18 HXM



PCD 624-18 VXM

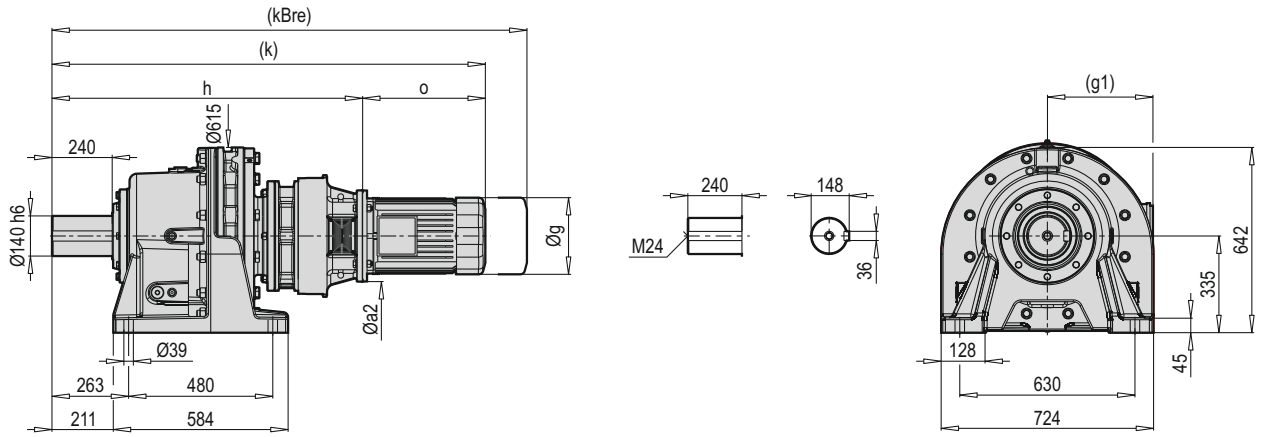


PCD 624-18 FXM

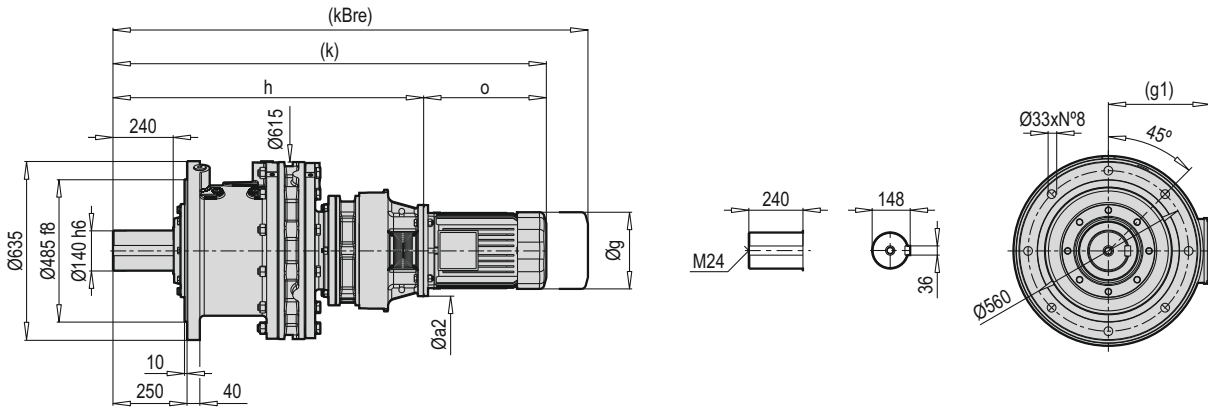


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|----|-----|----|-----|------|-----|-------|-----|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 100 | 250 | - | 199 | 154.5 | - | - | - | - | - | - | 340 | - |
| 112 | 250 | - | 219 | 158.5 | - | - | - | - | - | - | 336 | - |
| 132 | 300 | - | 270 | 187 | - | - | - | - | - | - | 379 | - |
| 160 | 350 | - | 321 | 214 | - | - | - | - | - | - | 480 | - |
| 180 | 350 | - | 363 | 249 | - | - | - | - | - | - | 586 | - |
| 200 | 400 | - | 363 | 249 | - | - | - | - | - | - | 595.5 | - |

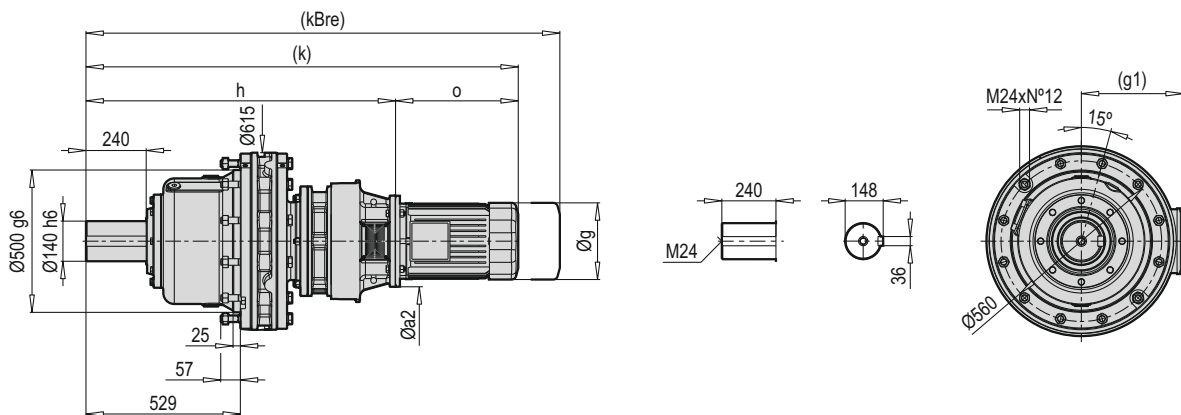
PCD 624-18 HCM



PCD 624-18 VCM

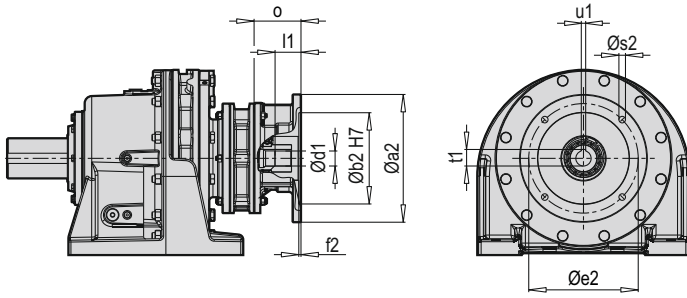


PCD 624-18 FCM

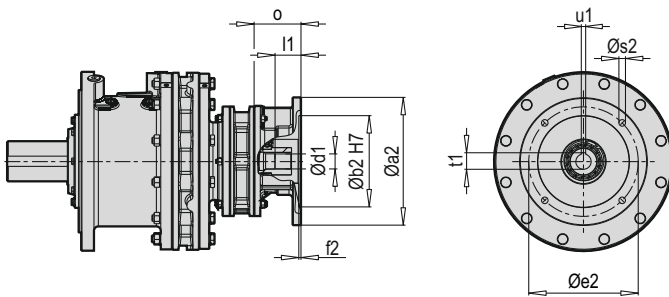


| HCM VCM FCM | $\varnothing a2$ | g | g1 | h | k | kBre | o |
|-------------------|------------------|-----|-------|------|--------|--------|-------|
| 100 | 250 | 199 | 154.5 | 1043 | 1383 | 1466 | 340 |
| 112 | 250 | 219 | 158.5 | 1043 | 1379 | 1466 | 336 |
| 132 | 300 | 270 | 187 | 1063 | 1442 | 1583 | 379 |
| 160 | 350 | 321 | 214 | 1098 | 1578 | 1684 | 480 |
| 180 | 350 | 363 | 249 | 1098 | 1684 | 1802.5 | 586 |
| 200 | 400 | 363 | 249 | 1098 | 1693.5 | 1812 | 595.5 |

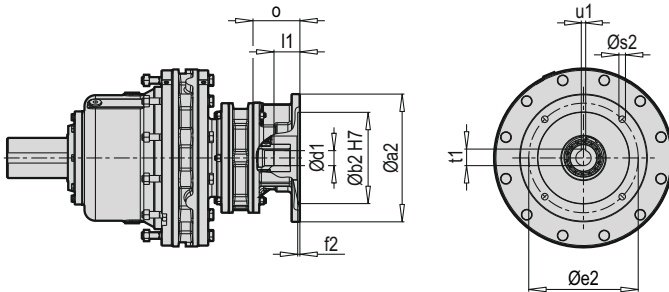
PCD 624-18 HX



PCD 624-18 VX



PCD 624-18 FX



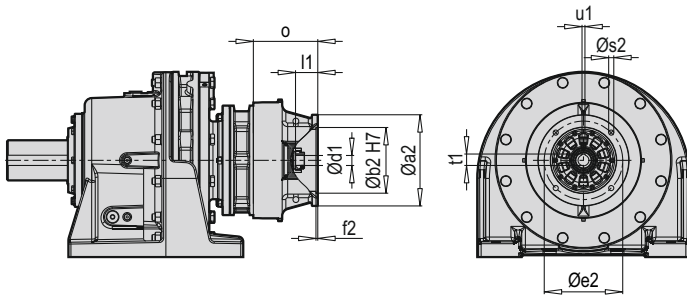
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 624-18 | 100 | - | - | - | - | - | - | - | - | - | - |
| | 112 | - | - | - | - | - | - | - | - | - | - |
| | 132 | - | - | - | - | - | - | - | - | - | - |
| | 160 | - | - | - | - | - | - | - | - | - | - |
| | 180 | - | - | - | - | - | - | - | - | - | - |
| | 200 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|--------------------|---|---|---|
| PCD 624-18 X B5 | H | V | F |
| 100 | - | - | - |
| 112 | - | - | - |
| 132 | - | - | - |
| 160 | - | - | - |
| 180 | - | - | - |
| 200 | - | - | - |

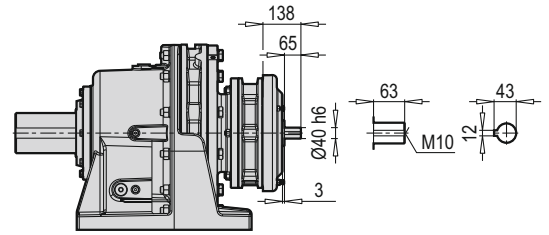
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 624-18 | 100 | - | - | - | - | - | - | - | - | - | - |
| | 112 | - | - | - | - | - | - | - | - | - | - |
| | 132 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|---------------------|---|---|---|
| PCD 624-18 X B14 | H | V | F |
| 100 | - | - | - |
| 112 | - | - | - |
| 132 | - | - | - |

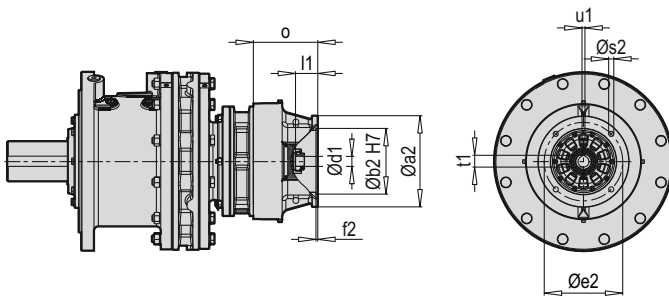
PCD 624-18 HC



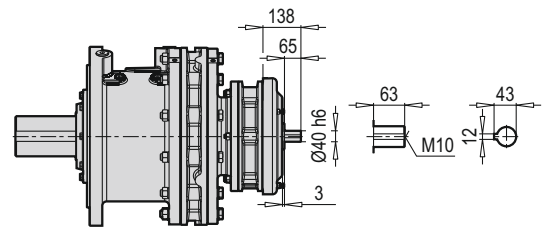
PCD 624-18 HW



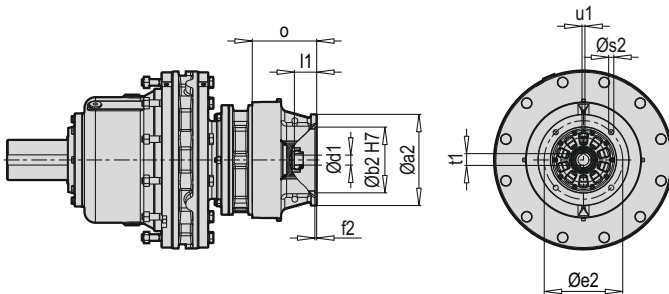
PCD 624-18 VC



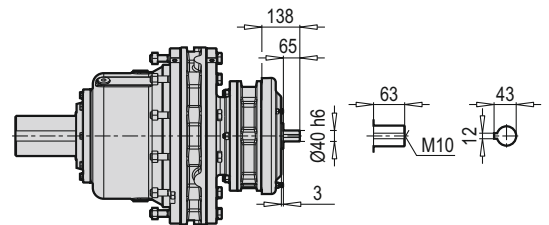
PCD 624-18 VW



PCD 624-18 FC



PCD 624-18 FW

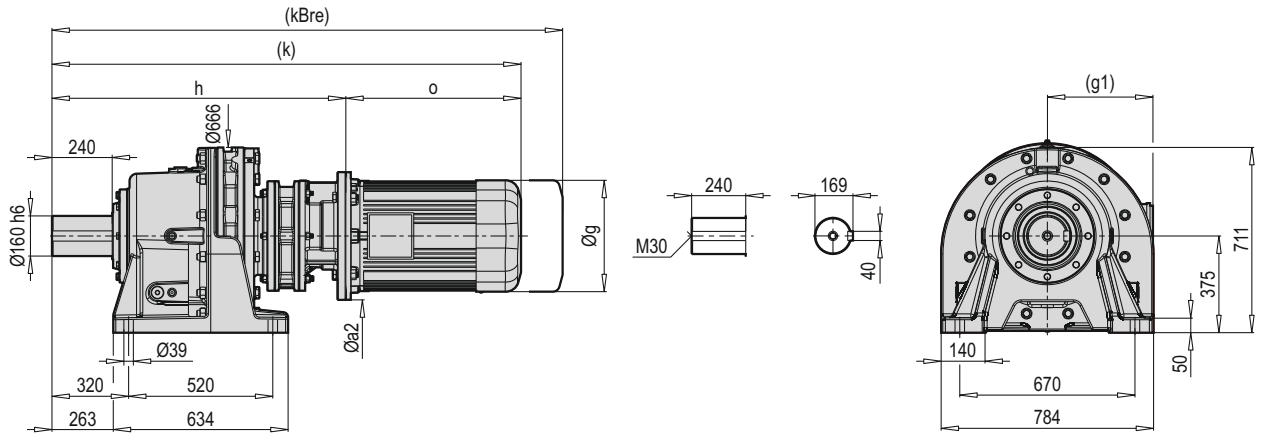


| ~ Kg | | | |
|--------------|-----|-----|-----|
| PCD 624-18 W | H | V | F |
| | 688 | 642 | 621 |

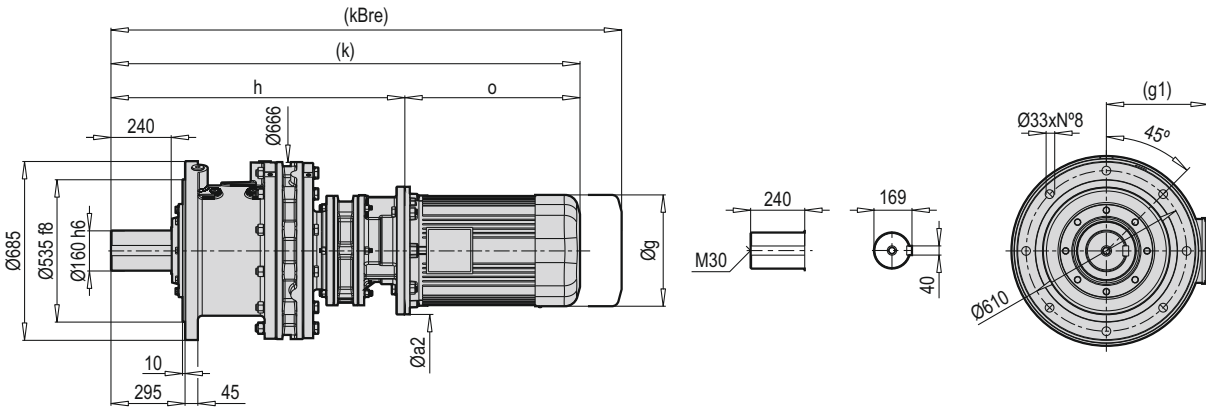
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|-------|------|----|-----|
| M | | 250 | 180 | 215 | 6 | 14 | 28 | 78 | 31.3 | 8 | 183 |
| 112 | | 250 | 180 | 215 | 6 | 14 | 28 | 78 | 31.3 | 8 | 183 |
| 132 | | 300 | 230 | 265 | 6 | 14 | 38 | 78 | 41.3 | 10 | 203 |
| 160 | | 350 | 250 | 300 | 6 | 18 | 42 | 109 | 45.3 | 12 | 238 |
| 180 | | 350 | 250 | 300 | 6 | 18 | 48 | 108.5 | 51.8 | 14 | 238 |
| 200 | | 400 | 300 | 350 | 6 | 18 | 55 | 99 | 59.8 | 16 | 238 |

| ~ Kg | | | |
|-----------------|-----|-----|-----|
| PCD 624-18 C B5 | H | V | F |
| 100 | 711 | 665 | 644 |
| 112 | 711 | 665 | 644 |
| 132 | 712 | 666 | 645 |
| 160 | 718 | 672 | 651 |
| 180 | 718 | 672 | 651 |
| 200 | 725 | 679 | 658 |

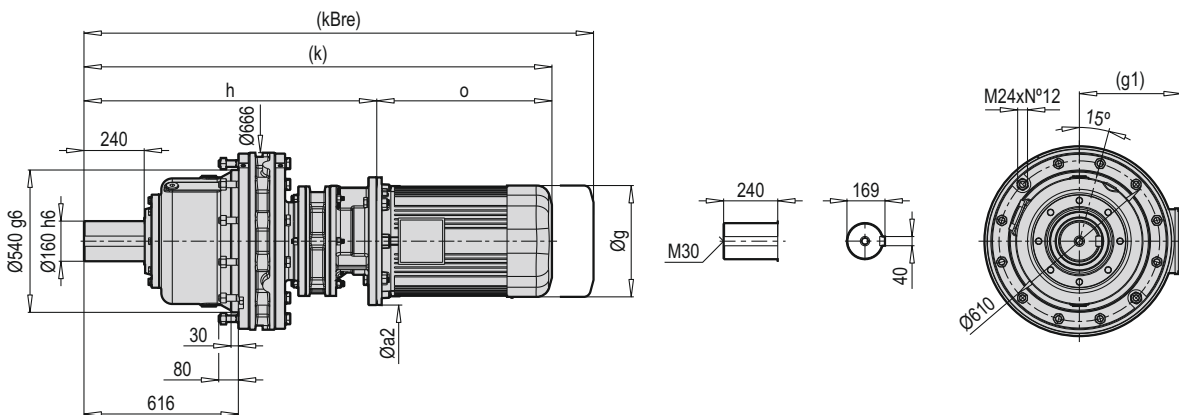
PCD 625-17 HXM



PCD 625-17 VXM

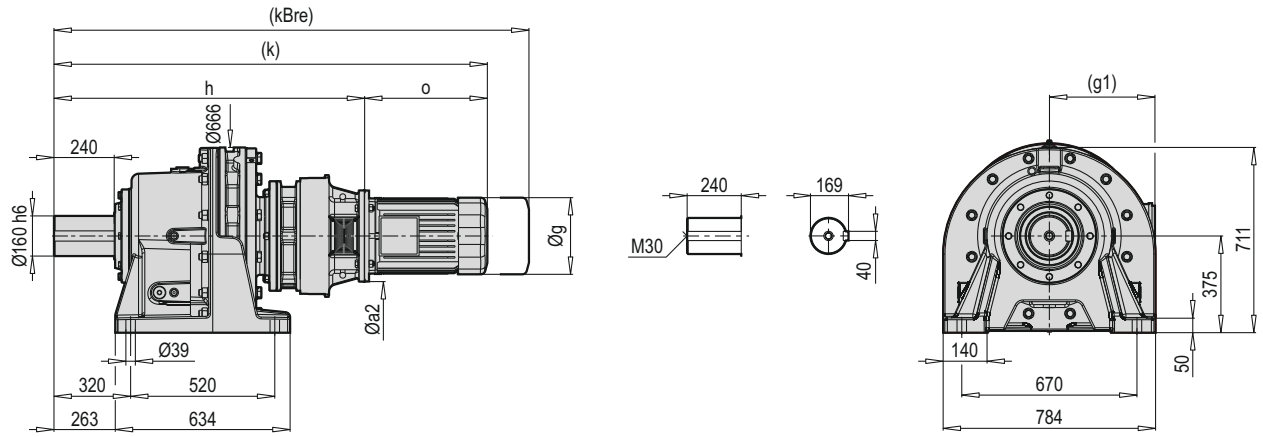


PCD 625-17 FXM

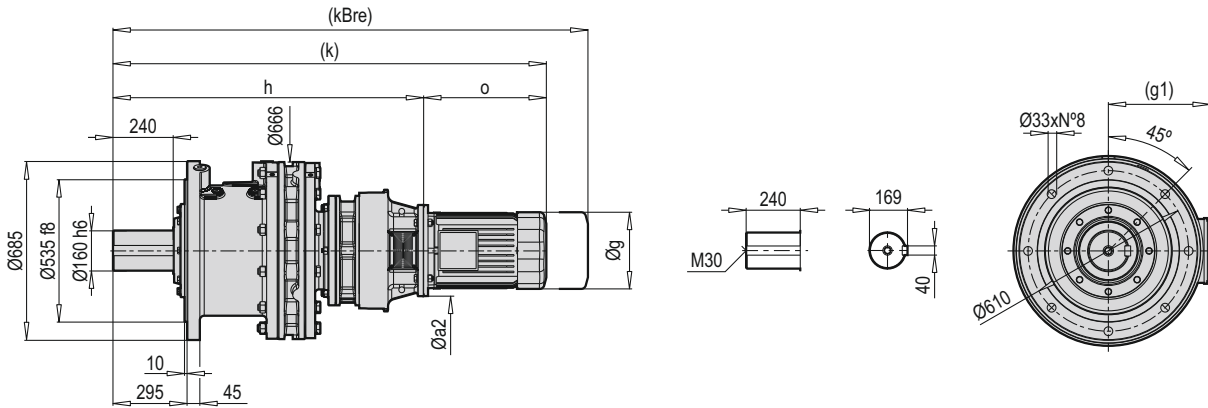


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-------|----|-----|----|-----|------|-----|-----|-----|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 100 | 250 | - | 199 | 154.5 | - | - | - | - | - | - | 340 | - |
| 112 | 250 | - | 219 | 158.5 | - | - | - | - | - | - | 336 | - |
| 132 | 300 | - | 270 | 187 | - | - | - | - | - | - | 378 | - |
| 160 | 350 | - | 321 | 214 | - | - | - | - | - | - | 480 | - |
| 180 | 350 | - | 363 | 249 | - | - | - | - | - | - | 586 | - |

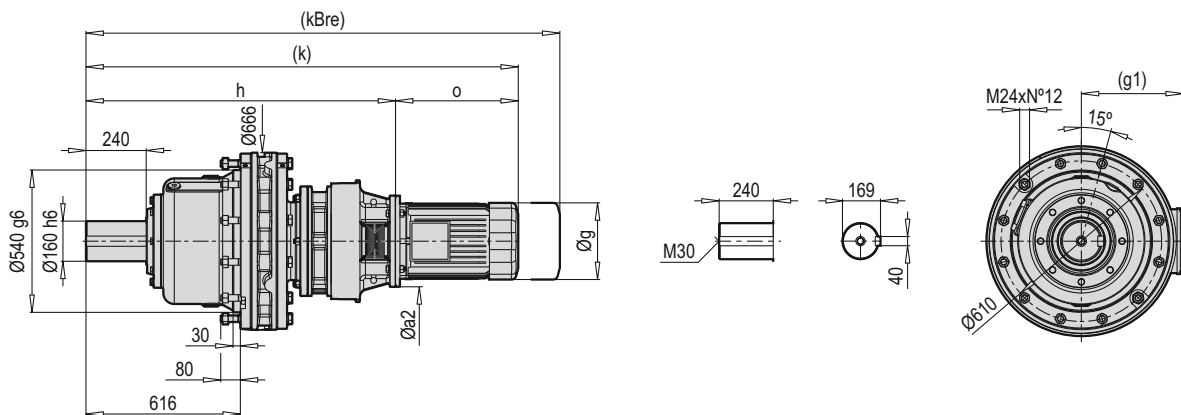
PCD 625-17 HCM



PCD 625-17 VCM

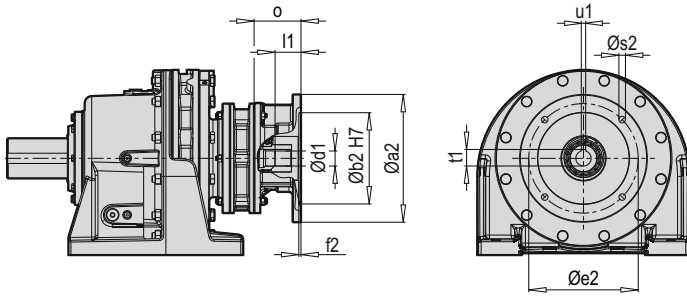


PCD 625-17 FCM

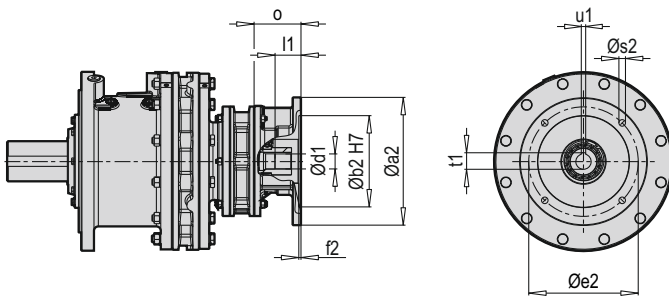


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-------|------|------|--------|-----|
| 100 | 250 | 199 | 154.5 | 1145 | 1485 | 1568 | 340 |
| 112 | 250 | 219 | 158.5 | 1145 | 1821 | 1568 | 336 |
| 132 | 300 | 270 | 187 | 1165 | 1544 | 1685 | 379 |
| 160 | 350 | 321 | 214 | 1196 | 1676 | 1782 | 480 |
| 180 | 350 | 363 | 249 | 1196 | 1782 | 1900.5 | 586 |

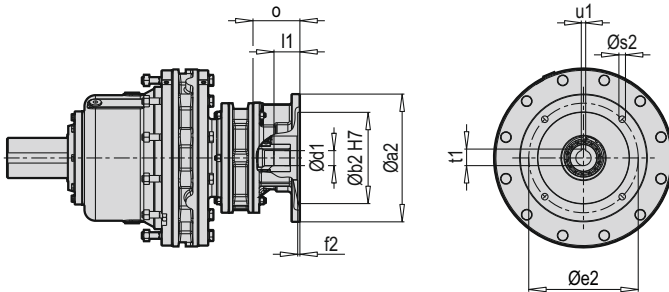
PCD 625-17 HX



PCD 625-17 VX



PCD 625-17 FX



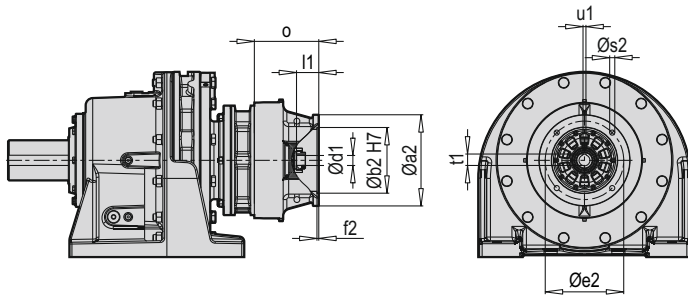
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 625-17 | 100 | - | - | - | - | - | - | - | - | - | - |
| | 112 | - | - | - | - | - | - | - | - | - | - |
| | 132 | - | - | - | - | - | - | - | - | - | - |
| | 160 | - | - | - | - | - | - | - | - | - | - |
| | 180 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|--------------------|---|---|---|
| PCD 625-17 X B5 | H | V | F |
| 100 | - | - | - |
| 112 | - | - | - |
| 132 | - | - | - |
| 160 | - | - | - |
| 180 | - | - | - |

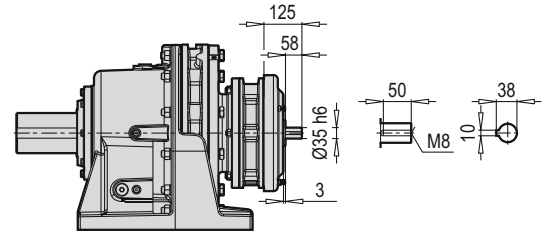
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 625-17 | 100 | - | - | - | - | - | - | - | - | - | - |
| | 112 | - | - | - | - | - | - | - | - | - | - |
| | 132 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|---------------------|---|---|---|
| PCD 625-17 X B14 | H | V | F |
| 100 | - | - | - |
| 112 | - | - | - |
| 132 | - | - | - |

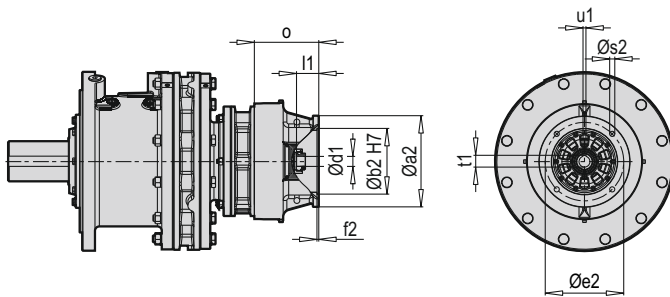
PCD 625-17 HC



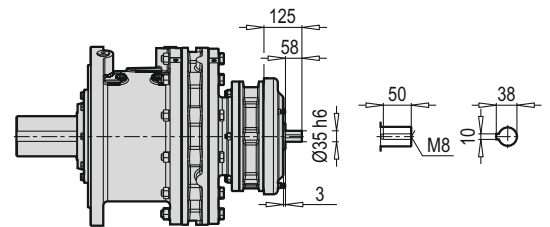
PCD 625-17 HW



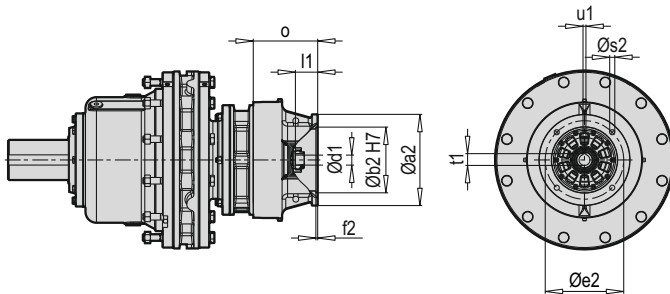
PCD 625-17 VC



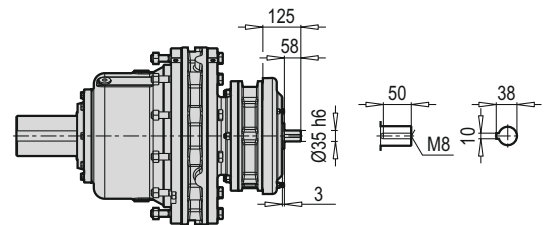
PCD 625-17 VW



PCD 625-17 FC



PCD 625-17 FW

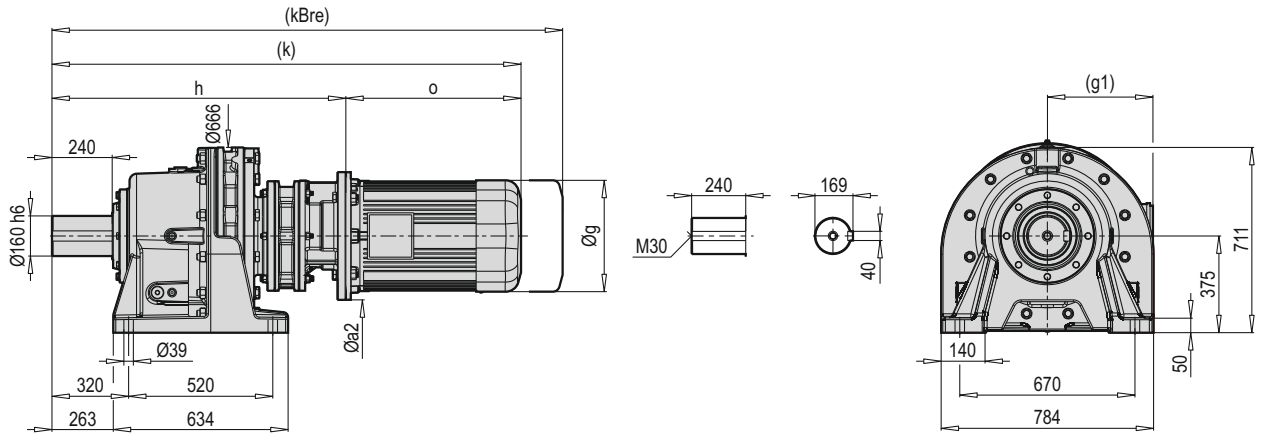


| ~ Kg | | | |
|--------------|------|-----|-----|
| PCD 625-17 W | H | V | F |
| | 1012 | 920 | 855 |

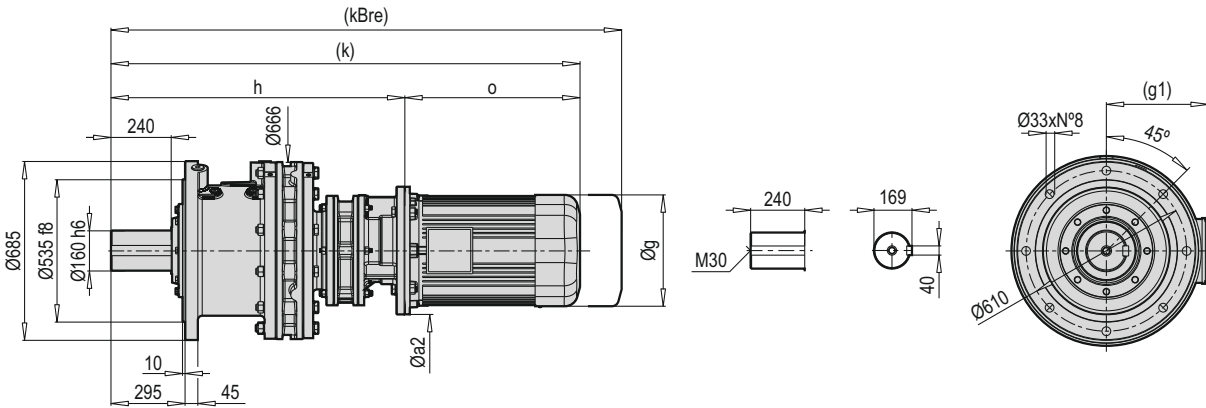
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|-------|------|----|-----|
| PCD 625-17 | 100 | 250 | 180 | 215 | 6 | 14 | 28 | 58 | 31.3 | 8 | 174 |
| | 112 | 250 | 180 | 215 | 6 | 14 | 28 | 58 | 31.3 | 8 | 174 |
| | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 78 | 41.3 | 10 | 194 |
| | 160 | 350 | 250 | 300 | 6 | 18 | 42 | 101 | 45.3 | 12 | 225 |
| | 180 | 350 | 250 | 300 | 6 | 18 | 48 | 105.5 | 51.8 | 14 | 225 |

| ~ Kg | | | |
|-----------------|--------|-------|-------|
| PCD 625-17 C B5 | H | V | F |
| 100 | 1033 | 941 | 876 |
| 112 | 1033 | 941 | 876 |
| 132 | 1034.5 | 942.5 | 877.5 |
| 160 | 1042 | 950 | 885 |
| 180 | 1042 | 950 | 885 |

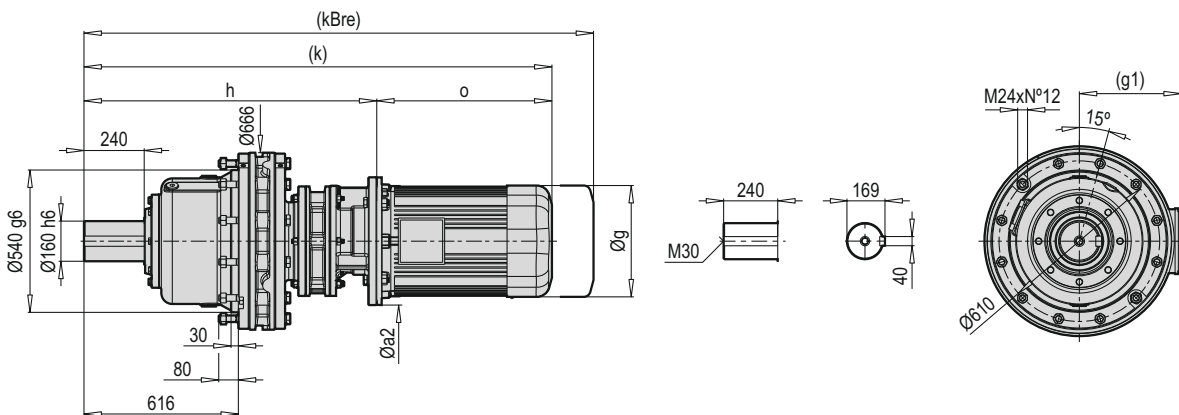
PCD 625-19 HXM



PCD 625-19 VXM

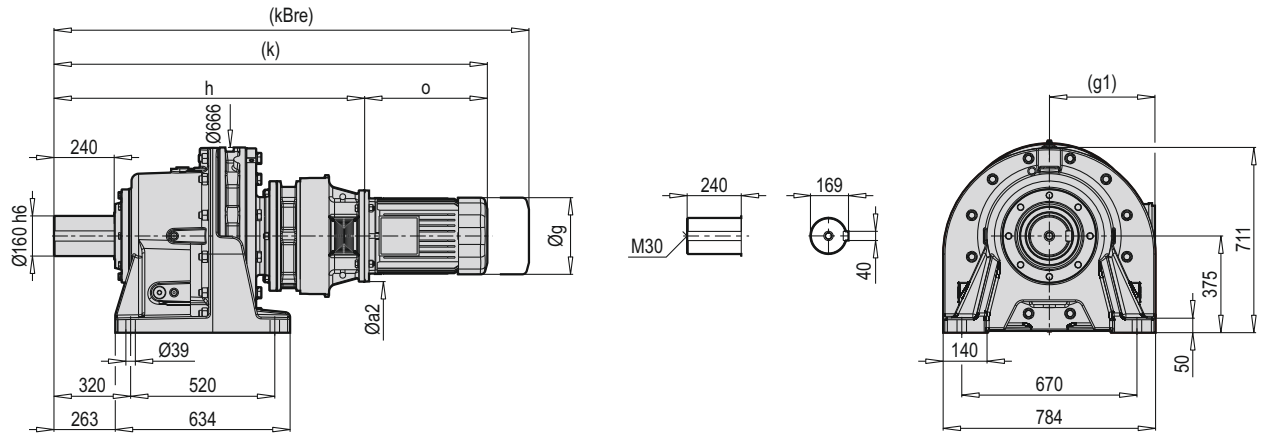


PCD 625-19 FXM

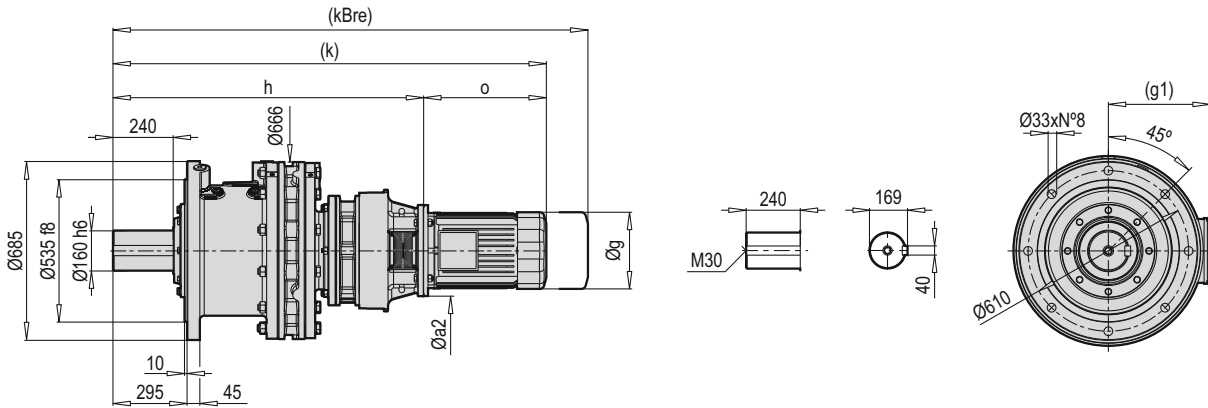


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-----|----|-----|----|-----|------|-----|-------|-----|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 132 | 300 | - | 270 | 187 | - | - | - | - | - | - | 379 | - |
| 160 | 350 | - | 321 | 216 | - | - | - | - | - | - | 480 | - |
| 180 | 350 | - | 363 | 249 | - | - | - | - | - | - | 586 | - |
| 200 | 400 | - | 363 | 249 | - | - | - | - | - | - | 595.5 | - |
| 225 | 450 | - | 456 | 279 | - | - | - | - | - | - | 625 | - |

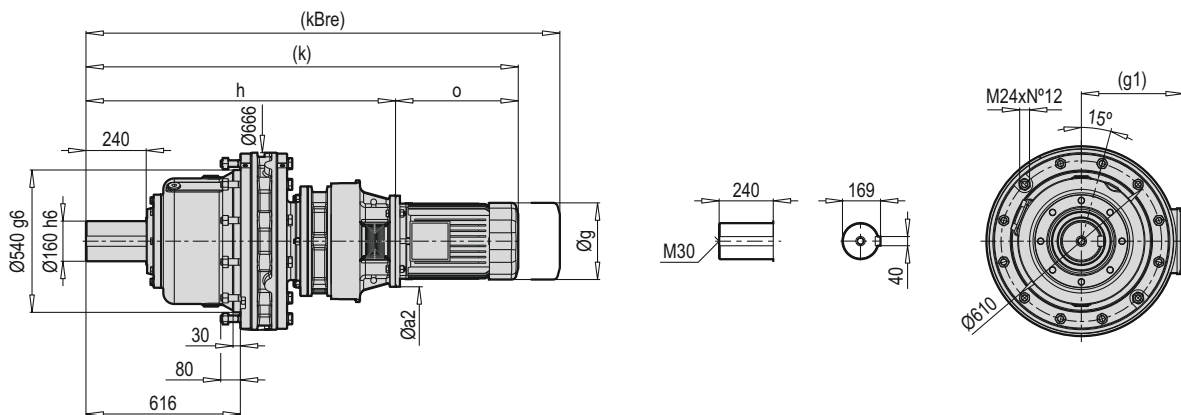
PCD 625-19 HCM



PCD 625-19 VCM

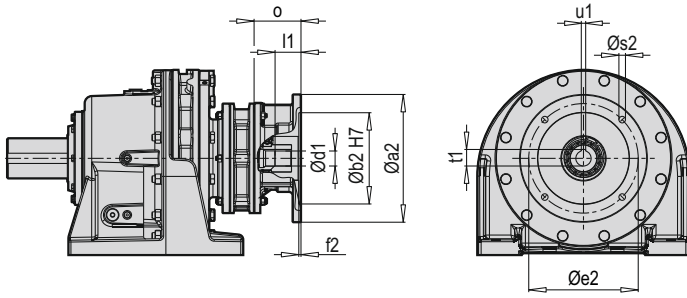


PCD 625-19 FCM

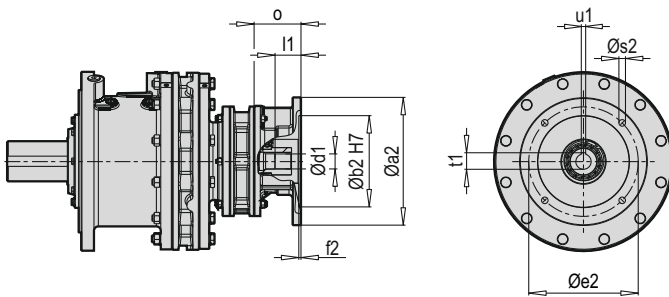


| HCM VCM FCM | $\text{Ø}a2$ | g | g1 | h | k | kBre | o |
|-------------------|--------------|-----|-----|--------|--------|--------|-------|
| 132 | 300 | 270 | 187 | 1219 | 1598 | 1739 | 379 |
| 160 | 350 | 321 | 216 | 1249.5 | 1729.5 | 1835.5 | 480 |
| 180 | 350 | 363 | 249 | 1249.5 | 1835.5 | 1954.5 | 586 |
| 200 | 400 | 363 | 249 | 1250.5 | 1846 | 1964.5 | 595.5 |
| 225 | 450 | 456 | 279 | 1284 | 1909 | 2045 | 625 |

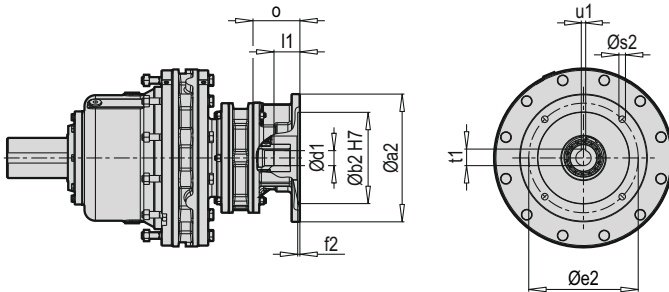
PCD 625-19 HX



PCD 625-19 VX



PCD 625-19 FX



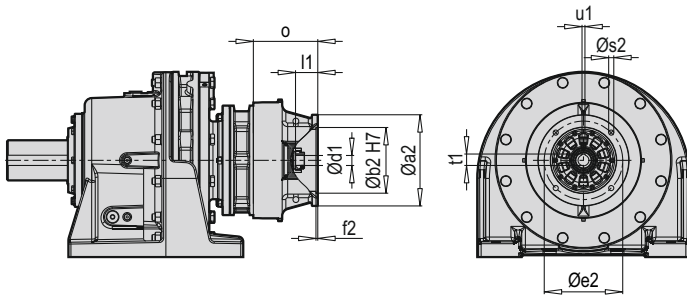
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 625-19 | 132 | - | - | - | - | - | - | - | - | - | - |
| | 160 | - | - | - | - | - | - | - | - | - | - |
| | 180 | - | - | - | - | - | - | - | - | - | - |
| | 200 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|--------------------|---|---|---|
| PCD 625-19 X B5 | H | V | F |
| 132 | - | - | - |
| 160 | - | - | - |
| 180 | - | - | - |
| 200 | - | - | - |

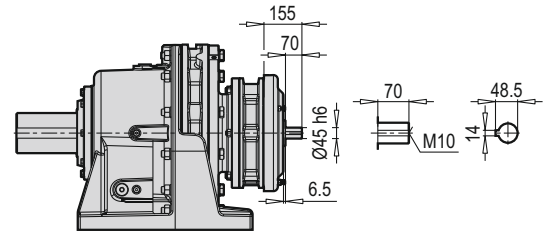
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 625-19 | 132 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|---------------------|---|---|---|
| PCD 625-19 X B14 | H | V | F |
| 132 | - | - | - |

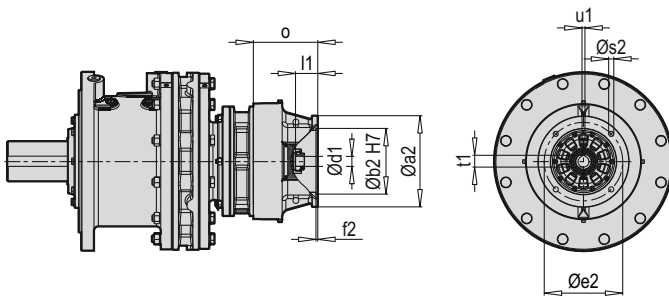
PCD 625-19 HC



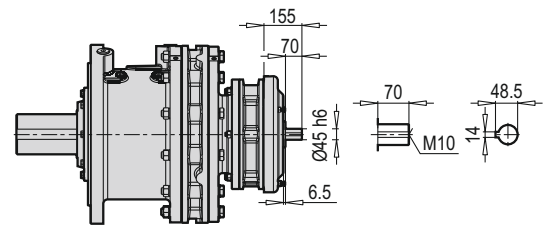
PCD 625-19 HW



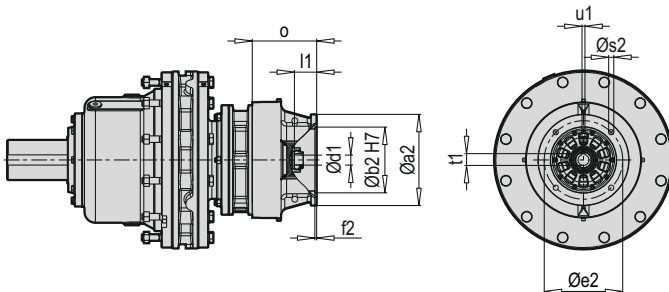
PCD 625-19 VC



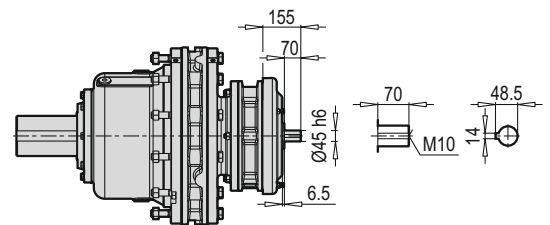
PCD 625-19 VW



PCD 625-19 FC



PCD 625-19 FW

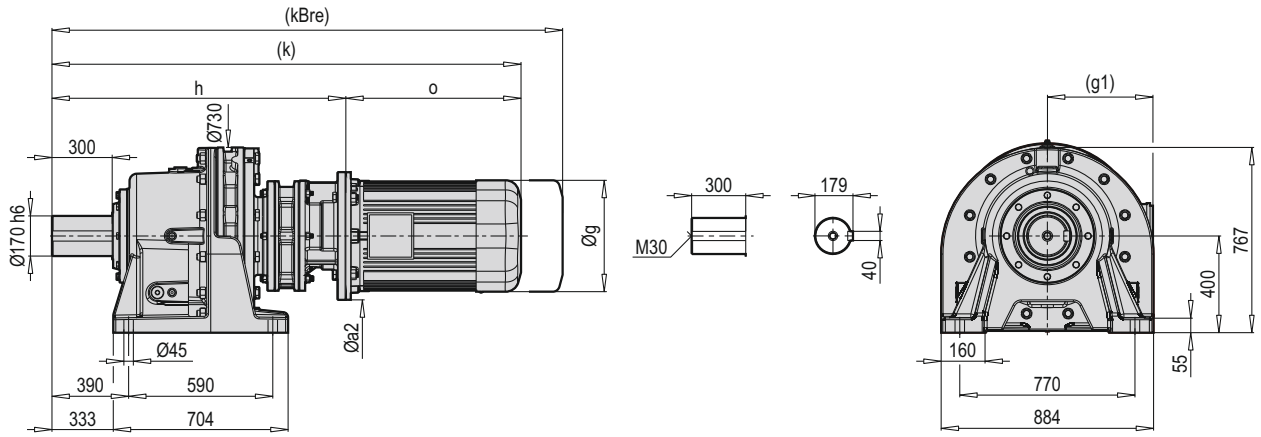


| ~ Kg | | | |
|--------------|------|-----|-----|
| PCD 625-19 W | H | V | F |
| | 1087 | 995 | 930 |

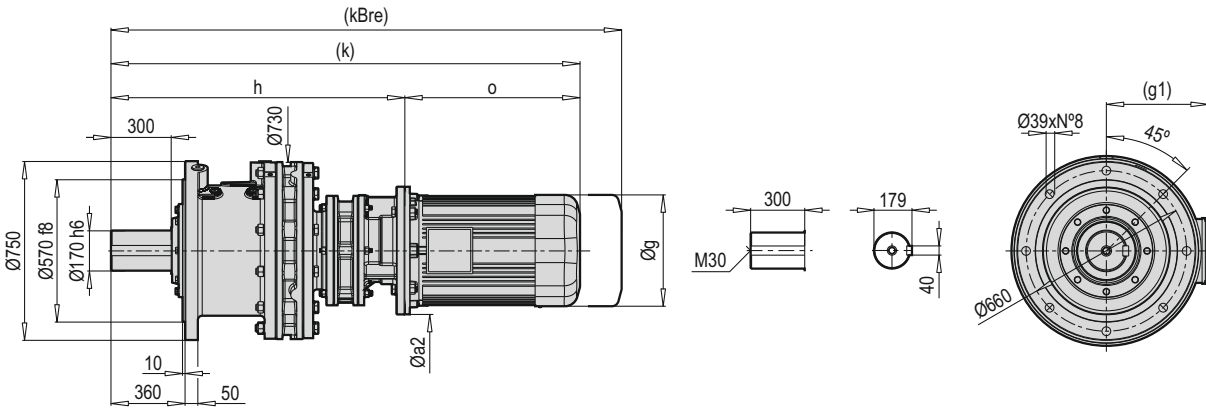
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|-------|------|----|-------|
| PCD 625-19 | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 81 | 44.3 | 10 | 220 |
| | 160 | 350 | 250 | 300 | 6 | 18 | 42 | 110 | 45.3 | 12 | 250.5 |
| | 180 | 350 | 250 | 300 | 6 | 18 | 48 | 109.5 | 51.8 | 14 | 250.5 |
| | 200 | 400 | 300 | 350 | 6 | 18 | 55 | 102.5 | 59.3 | 16 | 251.5 |
| | 225 | 450 | 350 | 400 | 7 | 18 | 60 | 135.5 | 64.4 | 18 | 285 |

| ~ Kg | | | |
|-----------------|------|------|-----|
| PCD 625-19 C B5 | H | V | F |
| 132 | 1123 | 1031 | 966 |
| 160 | 1128 | 1036 | 971 |
| 180 | 1128 | 1036 | 971 |
| 200 | 1132 | 1040 | 975 |
| 225 | 1135 | 1043 | 978 |

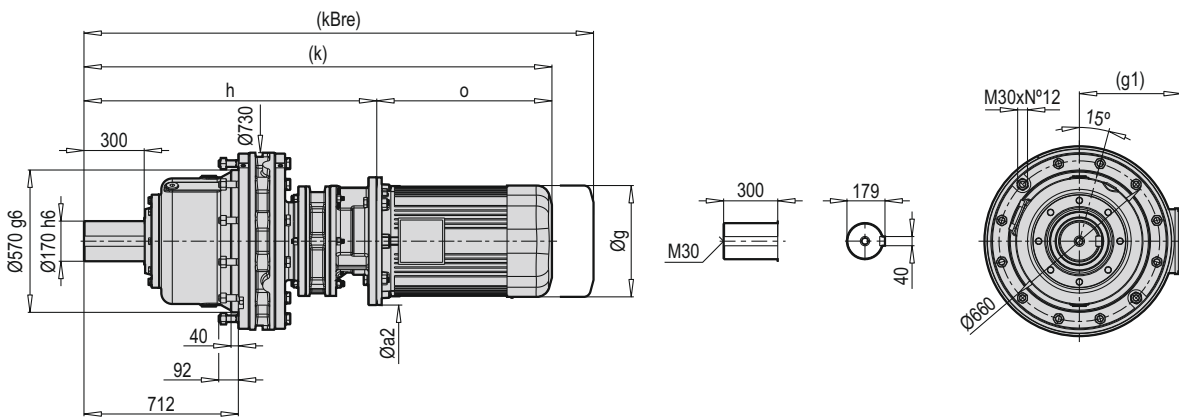
PCD 626-19 HXM



PCD 626-19 VXM

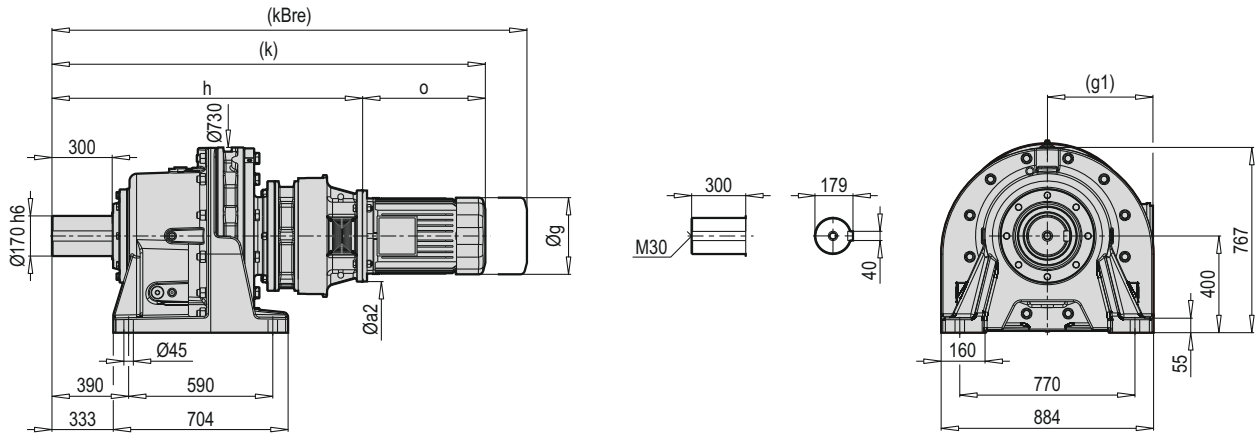


PCD 626-19 FXM

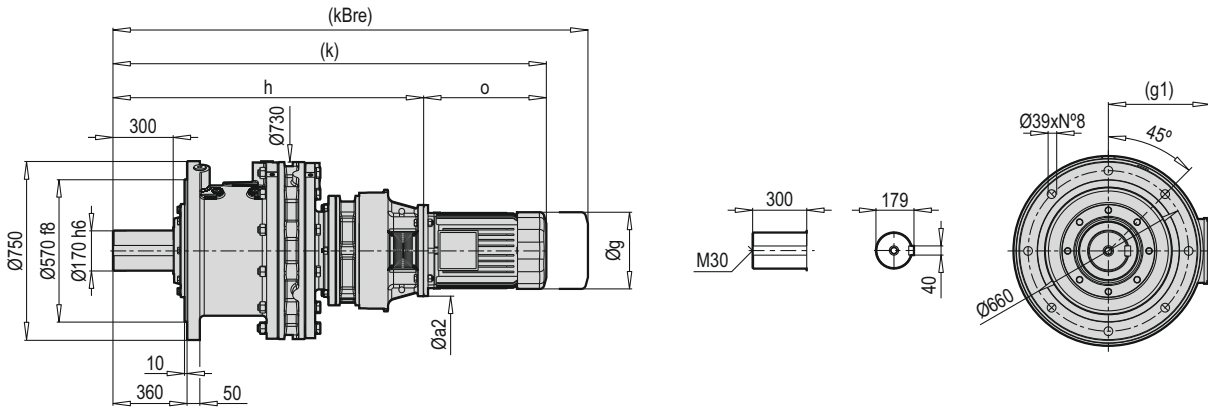


| HXM VXM FXM | Øa2 | | g | g1 | h | | k | | kBre | | o | |
|-------------------|-----|-----|---|----|----|-----|----|-----|------|-----|----|-----|
| | B5 | B14 | | | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 132 | - | - | - | - | - | - | - | - | - | - | - | - |
| 160 | - | - | - | - | - | - | - | - | - | - | - | - |
| 180 | - | - | - | - | - | - | - | - | - | - | - | - |
| 200 | - | - | - | - | - | - | - | - | - | - | - | - |
| 225 | - | - | - | - | - | - | - | - | - | - | - | - |

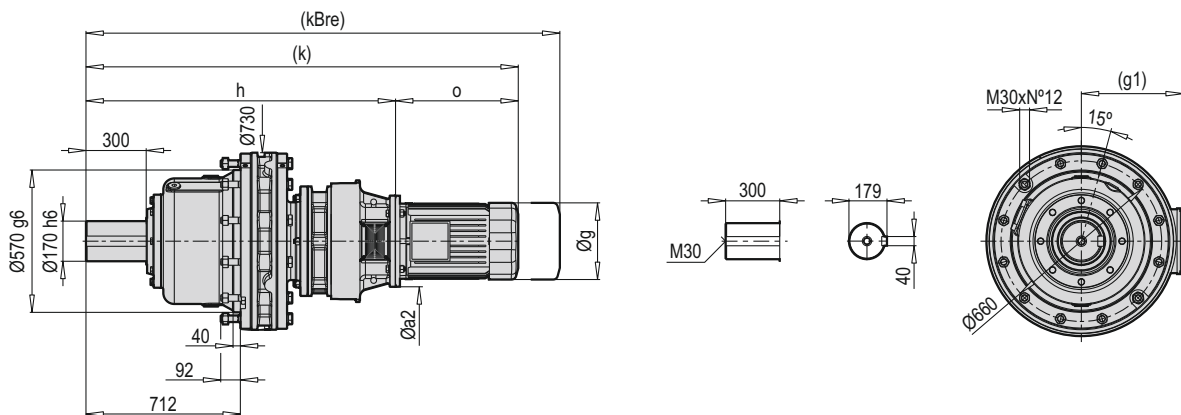
PCD 626-19 HCM



PCD 626-19 VCM

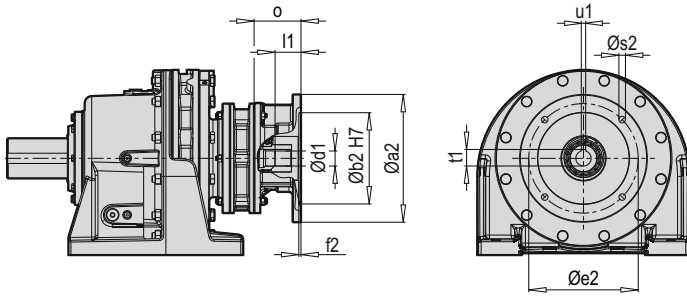


PCD 626-19 FCM

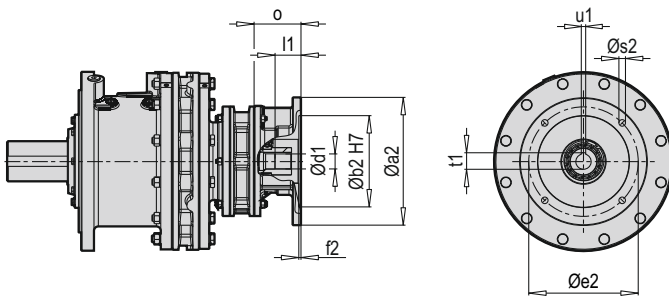


| HCM VCM FCM | Øa2 | g | g1 | h | k | kBre | o |
|-------------------|-----|-----|-----|--------|--------|--------|-------|
| 132 | 300 | 270 | 187 | 1329 | 1708 | 1849 | 379 |
| 160 | 350 | 321 | 214 | 1359.5 | 1839.5 | 1945.5 | 480 |
| 180 | 350 | 363 | 249 | 1359.5 | 1945.5 | 2064 | 586 |
| 200 | 400 | 363 | 249 | 1360.5 | 1956 | 2074.5 | 595.5 |
| 225 | 450 | 456 | 279 | 1394 | 2019 | 2155 | 625 |

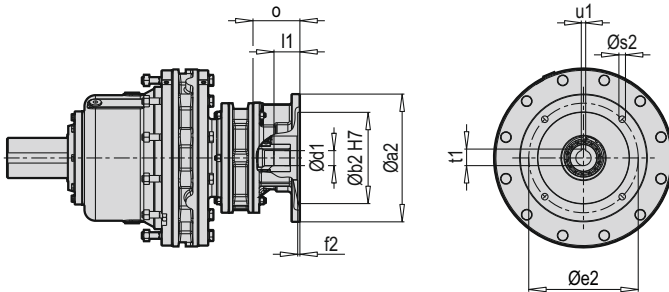
PCD 626-19 HX



PCD 626-19 VX



PCD 626-19 FX



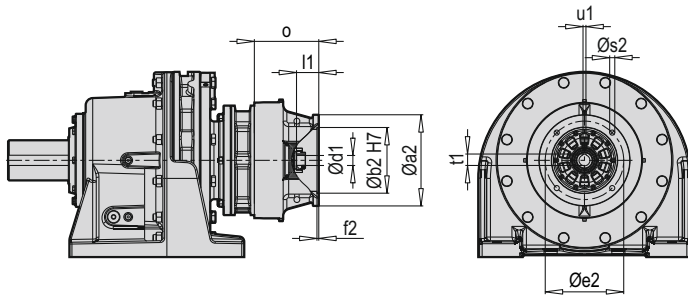
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 626-19 | 132 | - | - | - | - | - | - | - | - | - | - |
| | 160 | - | - | - | - | - | - | - | - | - | - |
| | 180 | - | - | - | - | - | - | - | - | - | - |
| | 200 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|--------------------|---|---|---|
| PCD 626-19 X B5 | H | V | F |
| 132 | - | - | - |
| 160 | - | - | - |
| 180 | - | - | - |
| 200 | - | - | - |

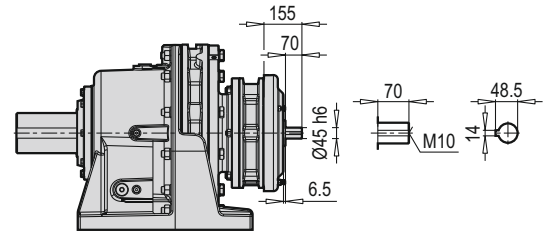
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 626-19 | 132 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|---------------------|---|---|---|
| PCD 626-19 X B14 | H | V | F |
| 132 | - | - | - |

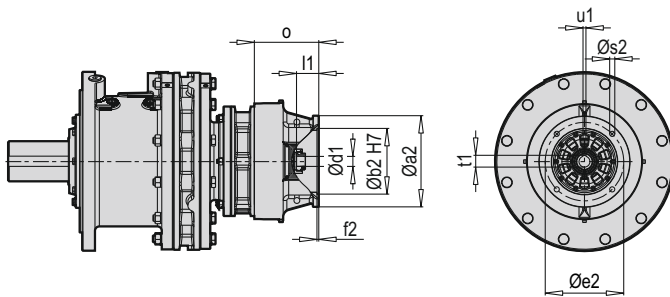
PCD 626-19 HC



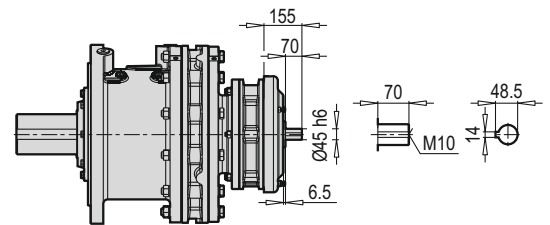
PCD 626-19 HW



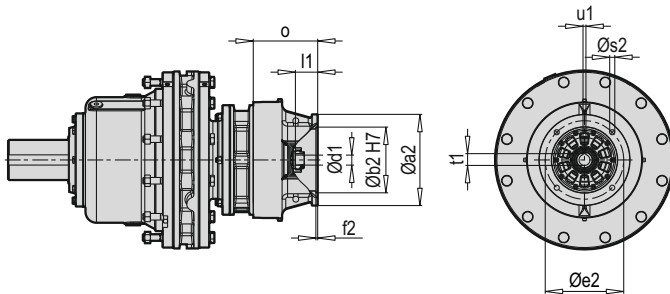
PCD 626-19 VC



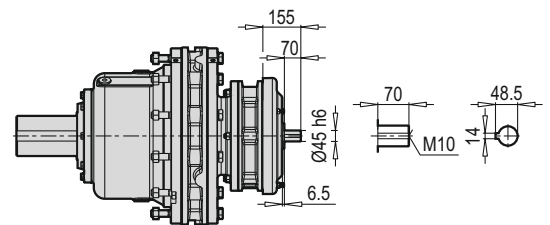
PCD 626-19 VW



PCD 626-19 FC



PCD 626-19 FW

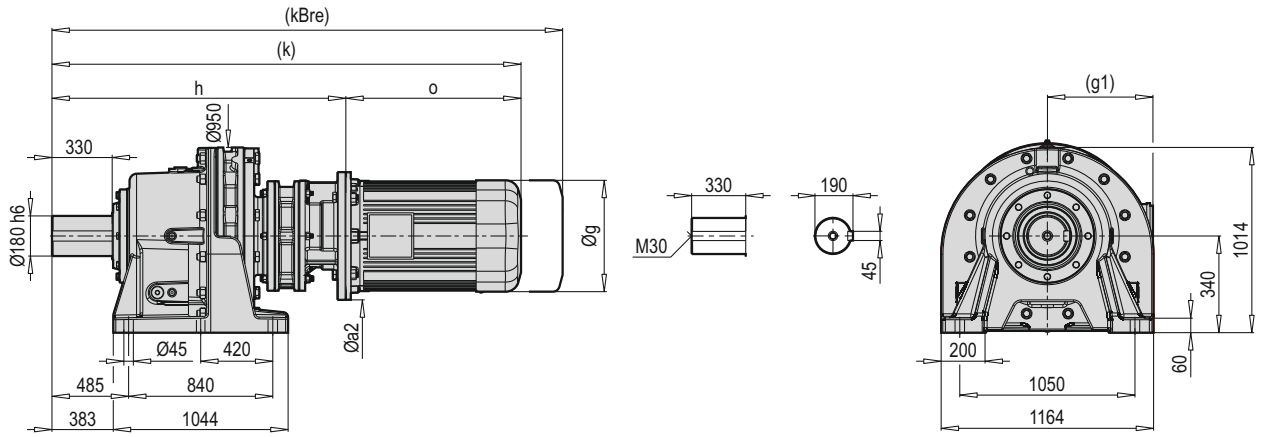


| ~ Kg | | | |
|--------------|------|------|------|
| PCD 626-19 W | H | V | F |
| | 1343 | 1278 | 1175 |

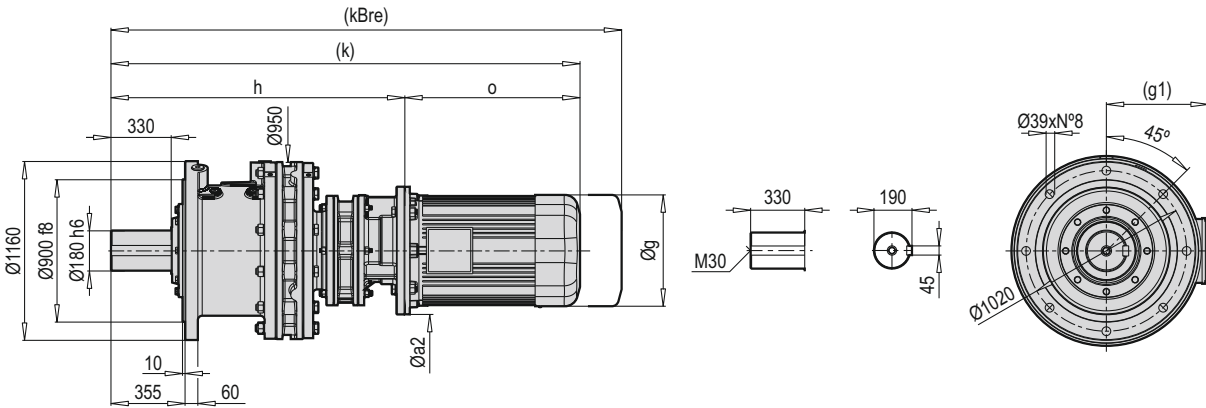
| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|-------|------|----|-------|
| PCD 626-19 | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 81 | 44.3 | 10 | 220 |
| | 160 | 350 | 250 | 300 | 6 | 18 | 42 | 110 | 45.3 | 12 | 250.5 |
| | 180 | 350 | 250 | 300 | 6 | 18 | 48 | 109.5 | 51.8 | 14 | 250.5 |
| | 200 | 400 | 300 | 350 | 6 | 18 | 55 | 102.5 | 59.3 | 16 | 251.5 |
| | 225 | 450 | 350 | 400 | 7 | 18 | 60 | 135.5 | 64.4 | 18 | 285 |

| ~ Kg | | | |
|-----------------|------|------|------|
| PCD 626-19 C B5 | H | V | F |
| 132 | 1379 | 1314 | 1211 |
| 160 | 1384 | 1319 | 1216 |
| 180 | 1384 | 1319 | 1216 |
| 200 | 1388 | 1323 | 1220 |
| 225 | 1391 | 1326 | 1223 |

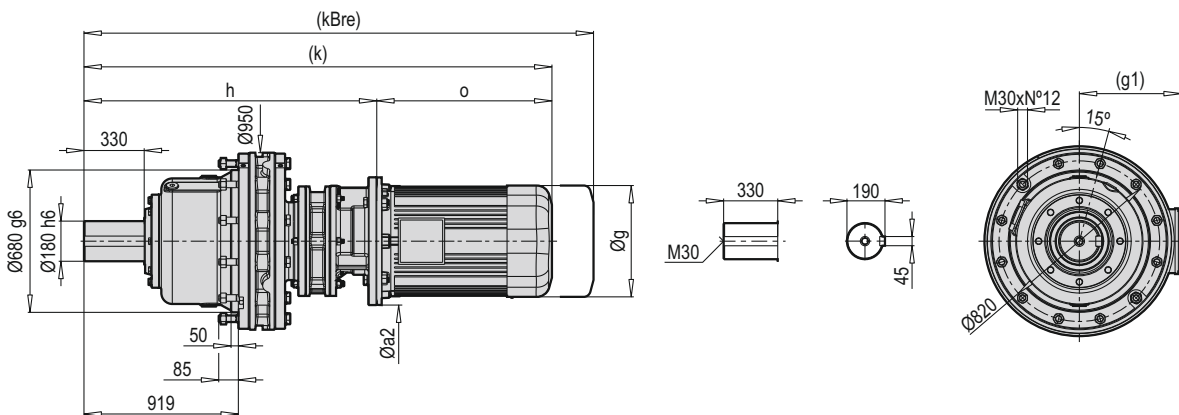
PCD 627-19 HXM



PCD 627-19 VXM

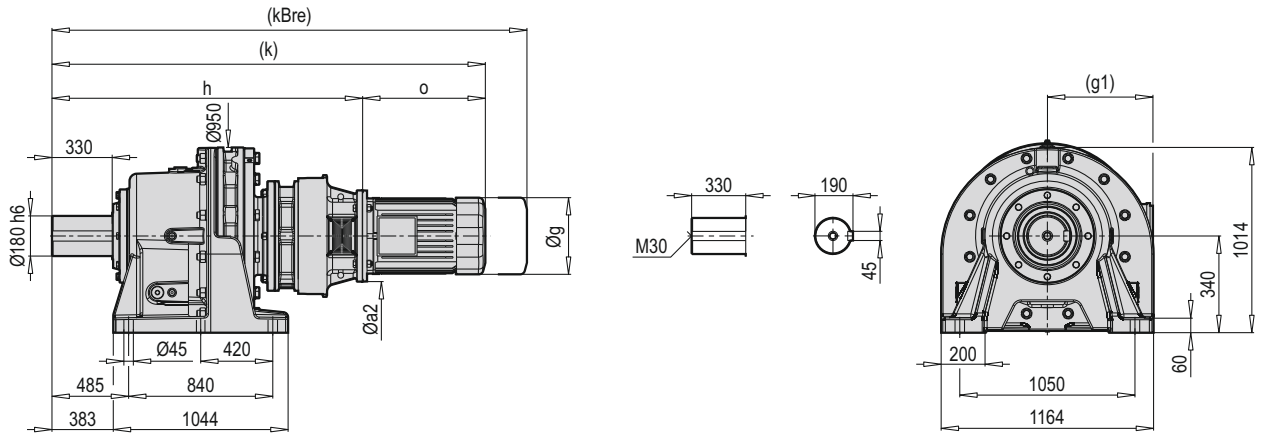


PCD 627-19 FXM

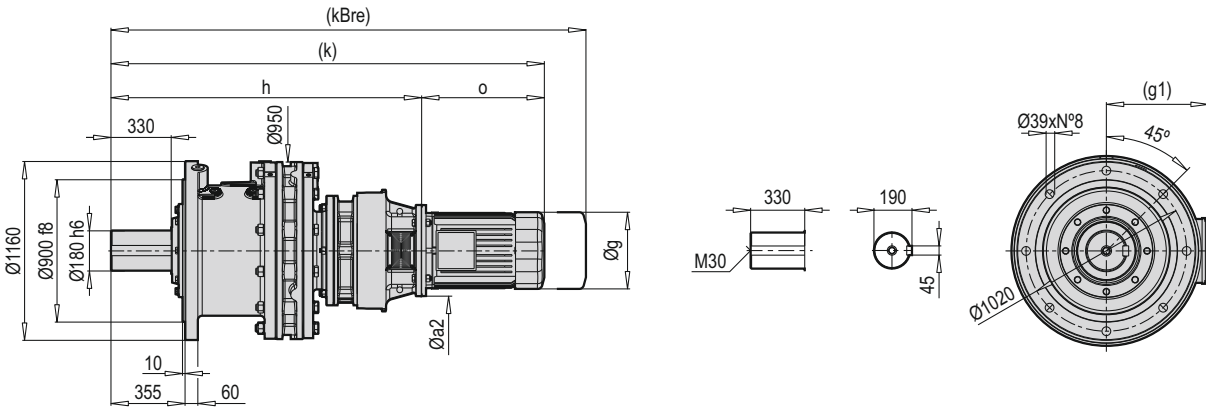


| HXM VXM FXM | Øa2 | | g | | h | | k | | kBre | | o | |
|-------------------|-----|-----|-----|-----|----|-----|----|-----|------|-----|-------|-----|
| | B5 | B14 | g | g1 | B5 | B14 | B5 | B14 | B5 | B14 | B5 | B14 |
| 132 | 300 | - | 270 | 187 | - | - | - | - | - | - | 379 | - |
| 160 | 350 | - | 321 | 214 | - | - | - | - | - | - | 480 | - |
| 180 | 350 | - | 363 | 249 | - | - | - | - | - | - | 586 | - |
| 200 | 400 | - | 363 | 249 | - | - | - | - | - | - | 595.5 | - |
| 225 | 450 | - | 456 | 279 | - | - | - | - | - | - | 625 | - |

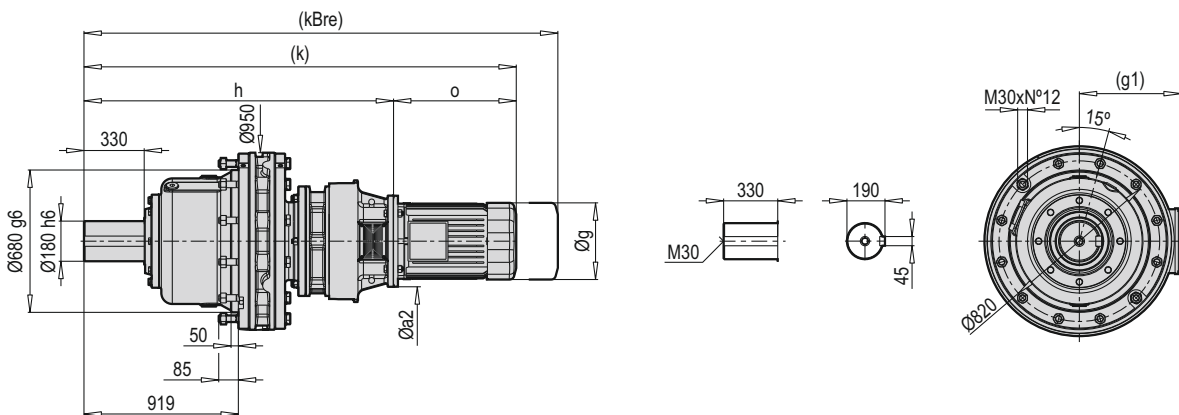
PCD 627-19 HCM



PCD 627-19 VCM

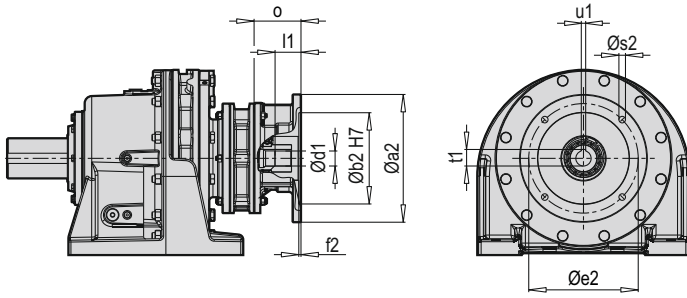


PCD 627-19 FCM

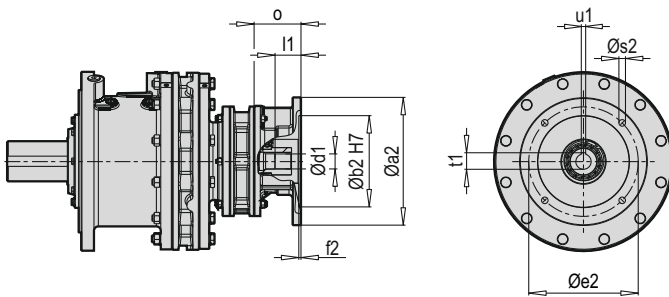


| HCM VCM FCM | $\text{Ø}a2$ | g | g1 | h | k | kBre | o |
|-------------------|--------------|-----|-----|--------|--------|--------|-------|
| 132 | 300 | 270 | 187 | 1590 | 1969 | 2110 | 379 |
| 160 | 350 | 321 | 214 | 1620.5 | 2100.5 | 2206.5 | 480 |
| 180 | 350 | 363 | 249 | 1620.5 | 2206.5 | 2206.5 | 586 |
| 200 | 400 | 363 | 249 | 1621.5 | 2217 | 2326 | 595.5 |
| 225 | 450 | 456 | 279 | 1655 | 2280 | 2416 | 625 |

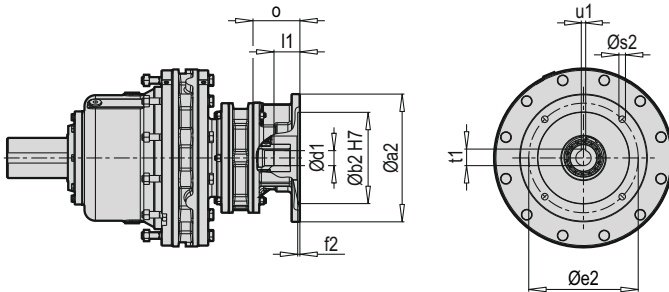
PCD 627-19 HX



PCD 627-19 VX



PCD 627-19 FX



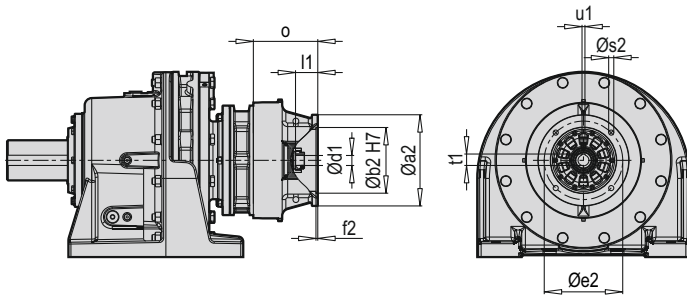
| Tip / Type / Typ / Tipo / Type / Tipo | X B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 627-19 | 132 | - | - | - | - | - | - | - | - | - | - |
| | 160 | - | - | - | - | - | - | - | - | - | - |
| | 180 | - | - | - | - | - | - | - | - | - | - |
| | 200 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|--------------------|---|---|---|
| PCD 627-19 X B5 | H | V | F |
| 132 | - | - | - |
| 160 | - | - | - |
| 180 | - | - | - |
| 200 | - | - | - |

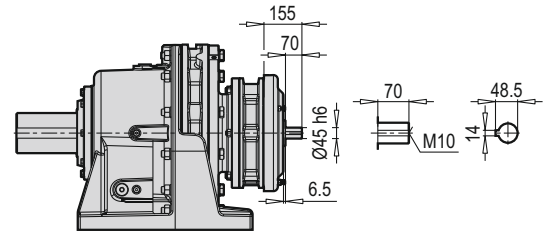
| Tip / Type / Typ / Tipo / Type / Tipo | X B14 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---|-------|-----|-----|-----|----|-----|-----|----|----|----|---|
| PCD 627-19 | 132 | - | - | - | - | - | - | - | - | - | - |

| ~ Kg | | | |
|---------------------|---|---|---|
| PCD 627-19 X B14 | H | V | F |
| 132 | - | - | - |

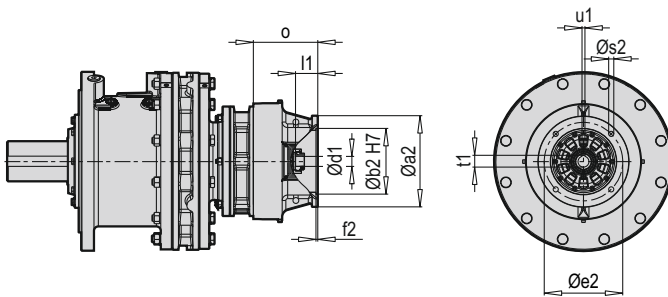
PCD 627-19 HC



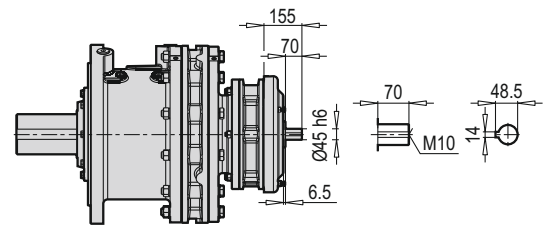
PCD 627-19 HW



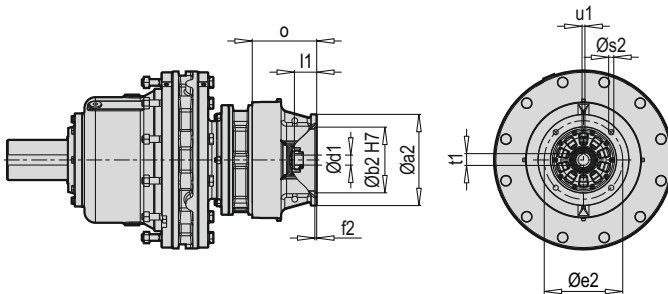
PCD 627-19 VC



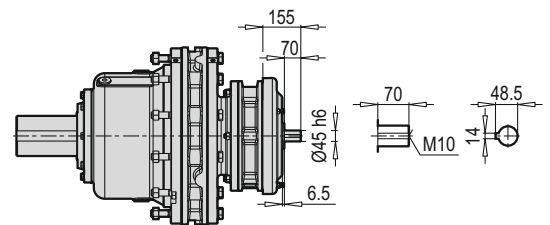
PCD 627-19 VW



PCD 627-19 FC



PCD 627-19 FW



| ~ Kg | | | |
|--------------|------|------|------|
| PCD 627-19 W | H | V | F |
| | 2483 | 2611 | 2300 |

| Tip / Type / Typ / Tipo / Type / Tipo | C B5 | Øa2 | Øb2 | Øe2 | f2 | Øs2 | Ød1 | l1 | t1 | u1 | o |
|---------------------------------------|------|-----|-----|-----|----|-----|-----|-------|------|----|-------|
| PCD 627-19 | 132 | 300 | 230 | 265 | 6 | 14 | 38 | 81 | 41.3 | 10 | 220 |
| | 160 | 350 | 250 | 300 | 6 | 18 | 42 | 110 | 45.3 | 12 | 250.5 |
| | 180 | 350 | 250 | 300 | 6 | 18 | 48 | 109.5 | 51.8 | 14 | 250.5 |
| | 200 | 400 | 300 | 350 | 6 | 18 | 55 | 102.5 | 59.3 | 16 | 251.5 |
| | 225 | 450 | 350 | 400 | 7 | 18 | 60 | 135.5 | 64.4 | 18 | 285 |

| ~ Kg | | | |
|-----------------|------|------|------|
| PCD 627-19 C B5 | H | V | F |
| 132 | 2519 | 2647 | 2336 |
| 160 | 2524 | 2652 | 2341 |
| 180 | 2524 | 2652 | 2341 |
| 200 | 2528 | 2656 | 2345 |
| 225 | 2531 | 2659 | 2348 |



A series of horizontal dotted lines spanning the width of the page, intended for writing or drawing.

X - C - W Adaptörü Seçim Tabloları

Selection Tables
of X - C - W Adapters

Auswahltable von
X - C - W Adapters

Tabella si Selezione di
X - C - W Adattatore

Tableau de Sélection du
X - C - W Adaptateur

Tabla de Selección de
X - C - W Adaptador



PCD

TR X - C - W ADAPTÖRÜ SEÇİM TABLOLARI
IT TABELLA SI SELEZIONE DI X - C - W ADATTATORE

EN SELECTION TABLES OF X - C - W ADAPTERS
FR TABLEAU DE SÉLECTION DU X - C - W ADAPTATEUR

DE AUSWAHLTABELLE VON X - C - W ADAPTERS
ES TABLA DE SELECCIÓN DE X - C - W ADAPTADOR

Tek Kademeli redüktörler, i = 6 ila 119
Çift Kademeli redüktörler, i = 104 ila 731

Seçim tabloları, servis faktörü fb1 ve günlük uniform yükte 8 saatlik çalışma baz alınarak hazırlanmıştır.

Riduttori a 1 stadio, i = da 6 a 119
Riduttori a 2 stadi, i = 104 a 731

Le tabelle di selezione vengono create in base al fattore di servizio fb1 e 8 ore di funzionamento con un carico giornaliero uniforme.

n1 = Giriş hızı [min-1]
i = Tahvil oranı
n2 = Çıkış hızı [min-1]
P1 = izin verilen giriş gücü [kW]
M2 = izin verilen çıkış torku [Nm]
FR2 = çıkış mili ucunun ortasına uygulanan izin verilen radyal yük [N]

n1 = Velocità di ingresso [min-1]
i = Rapporto di riduzione
n2 = Velocità di uscita [min-1]
P1 = potenza motrice consentita [kW]
M2 = coppia di uscita consentita [Nm]
FR2 = forza radiale ammissibile [N] al centro dell'estremità dell'albero di uscita

Single reduction speed gear units, i = 6 to 119
Double reduction speed gear units, i = 104 to 731

Selection tables are prepared based on service factor fb1 and 8 hours of operation at daily uniform load.

Réducteurs à 1 étage, i = 6 à 119
Réducteurs à 2 étages, i = 104 à 731

Les tableaux de sélection sont basés sur le facteur de service fb1 et 8 heures de fonctionnement à charge uniforme quotidienne.

n1 = input speed [min-1]
i = reduction ratio
n2 = output speed [min-1]
P1 = allowable input power [kW]
M2 = allowable output torque [Nm]
FR2 = allowable radial load [N] applied to mid of slow speed shaft end

n1 = Vitesse d'entrée [min-1]
i = Rapport de réduction
n2 = Vitesse de sortie [min-1]
P1 = puissance d'entrée admiss. [kW]
M2 = couple de sortie admissible [Nm]
FR2 = charge radiale admissible [N] au milieu du bout d'arbre de sortie

Einstufige Getriebe, i = 6 bis 119
Zweistufige Getriebe, i = 104 bis 731


Auswahltabellen werden basierend auf dem Betriebsfaktor fb1 und 8 Betriebsstunden bei täglicher gleichmäßiger Belastung erstellt.



Reductores de una etapa, i = 6 a 119
Cajas de cambios de 2 etapas, i = 104 a 731

Las tablas de selección se crean con base en el factor de servicio fb1 y 8 horas de operación con una carga uniforme diaria.



n1 = Antriebsdrehzahl [min-1]
i = Übersetzung
n2 = Abtriebsdrehzahl [min-1]
P1 = zulässige Antriebsleistung [kW]
M2 = zul. Abtriebsdrehmoment [Nm]
FR2 = zul. Radialkraft [N] auf Mitte Abtriebswellenende

n1 = Velocidad de entrada [min-1]
i = Relación de de reducción
n2 = Velocidad de salida [min-1]
P1 = potencia de accionamiento admisible [kW]
M2 = par de salida permitido [Nm]
FR2 = fuerza radial admisible [N] en el centro del extremo del eje de salida




| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | | |
|---|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|
| | | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | |
| 607  | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 11 | 45.5 | 0.12 | 23 | 1160 | 68.2 | 0.15 | 19 | 1160 | 81.8 | 0.19 | 20 | 1110 | 127.3 | 0.25 | 17 | 970 | 254.5 | 0.25 | 9 | 770 | |
| | 13 | 38.5 | 0.11 | 25 | 1160 | 57.7 | 0.15 | 23 | 1160 | 69.2 | 0.19 | 24 | 1160 | 107.7 | 0.25 | 20 | 1030 | 215.4 | 0.25 | 10 | 820 | |
| | 15 | 33.3 | 0.10 | 26 | 1160 | 50.0 | 0.14 | 25 | 1160 | 60.0 | 0.19 | 28 | 1160 | 93.3 | 0.25 | 24 | 1080 | 186.7 | 0.25 | 12 | 860 | |
| | 17 | 29.4 | 0.08 | 24 | 1160 | 44.1 | 0.13 | 26 | 1160 | 52.9 | 0.17 | 28 | 1160 | 82.4 | 0.25 | 27 | 1120 | 164.7 | 0.25 | 13 | 890 | |
| | 21 | 23.8 | 0.07 | 26 | 1160 | 35.7 | 0.10 | 25 | 1160 | 42.9 | 0.14 | 29 | 1160 | 66.7 | 0.21 | 28 | 1160 | 133.3 | 0.21 | 14 | 960 | |
| | 25 | 20.0 | 0.06 | 26 | 1160 | 30.0 | 0.09 | 26 | 1160 | 36.0 | 0.11 | 27 | 1160 | 56.0 | 0.15 | 24 | 1160 | 112.0 | 0.15 | 12 | 1010 | |
| | 29 | 17.2 | 0.05 | 25 | 1160 | 25.9 | 0.07 | 24 | 1160 | 31.0 | 0.10 | 28 | 1160 | 48.3 | 0.14 | 25 | 1160 | 96.6 | 0.14 | 13 | 1060 | |
| | 35 | 14.3 | 0.04 | 25 | 1160 | 21.4 | 0.06 | 25 | 1160 | 25.7 | 0.08 | 27 | 1160 | 40.0 | 0.12 | 26 | 1160 | 80.0 | 0.12 | 13 | 1130 | |
| | 43 | 11.6 | 0.03 | 23 | 1160 | 17.4 | 0.05 | 25 | 1160 | 20.9 | 0.07 | 29 | 1160 | 32.6 | 0.10 | 27 | 1160 | 65.1 | 0.10 | 13 | 1160 | |
| | 51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 59 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 71 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 87 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |


| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | |
|---|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|
| | | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} |
| 607  166-167 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 11 | 45.5 | 0.12 | 23 | 1160 | 68.2 | 0.15 | 19 | 1160 | 81.8 | 0.19 | 20 | 1110 | 127.3 | 0.25 | 17 | 970 | 254.5 | 0.25 | 9 | 770 |
| | 13 | 38.5 | 0.11 | 25 | 1160 | 57.7 | 0.15 | 23 | 1160 | 69.2 | 0.19 | 24 | 1160 | 107.7 | 0.25 | 20 | 1030 | 215.4 | 0.25 | 10 | 820 |
| | 15 | 33.3 | 0.10 | 26 | 1160 | 50.0 | 0.14 | 25 | 1160 | 60.0 | 0.19 | 28 | 1160 | 93.3 | 0.25 | 24 | 1080 | 186.7 | 0.25 | 12 | 860 |
| | 17 | 29.4 | 0.08 | 24 | 1160 | 44.1 | 0.13 | 26 | 1160 | 52.9 | 0.17 | 28 | 1160 | 82.4 | 0.25 | 27 | 1120 | 164.7 | 0.25 | 13 | 890 |
| | 21 | 23.8 | 0.07 | 26 | 1160 | 35.7 | 0.10 | 25 | 1160 | 42.9 | 0.14 | 29 | 1160 | 66.7 | 0.21 | 28 | 1160 | 133.3 | 0.21 | 14 | 960 |
| | 25 | 20.0 | 0.06 | 26 | 1160 | 30.0 | 0.09 | 26 | 1160 | 36.0 | 0.11 | 27 | 1160 | 56.0 | 0.15 | 24 | 1160 | 112.0 | 0.15 | 12 | 1010 |
| | 29 | 17.2 | 0.05 | 25 | 1160 | 25.9 | 0.07 | 24 | 1160 | 31.0 | 0.10 | 28 | 1160 | 48.3 | 0.14 | 25 | 1160 | 96.6 | 0.14 | 13 | 1060 |
| | 35 | 14.3 | 0.04 | 25 | 1160 | 21.4 | 0.06 | 25 | 1160 | 25.7 | 0.08 | 27 | 1160 | 40.0 | 0.12 | 26 | 1160 | 80.0 | 0.12 | 13 | 1130 |
| | 43 | 11.6 | 0.03 | 23 | 1160 | 17.4 | 0.05 | 25 | 1160 | 20.9 | 0.07 | 29 | 1160 | 32.6 | 0.10 | 27 | 1160 | 65.1 | 0.10 | 13 | 1160 |
| | 51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 59 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 71 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 87 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 607/07  240-241 | 104 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 121 | 4.1 | 0.03* | 25 | 1160 | 6.2 | 0.05* | 25 | 1160 | 7.4 | 0.07* | 25 | 1160 | 11.6 | 0.10* | 25 | 1160 | 23.1 | 0.20* | 25 | 1160 |
| | 143 | 3.5 | 0.03* | 25 | 1160 | 5.2 | 0.05* | 25 | 1160 | 6.3 | 0.07* | 25 | 1160 | 9.8 | 0.10* | 25 | 1160 | 19.6 | 0.20* | 25 | 1160 |
| | 165 | 3.0 | 0.03* | 25 | 1160 | 4.5 | 0.05* | 25 | 1160 | 5.5 | 0.07* | 25 | 1160 | 8.5 | 0.10* | 25 | 1160 | 17.0 | 0.20* | 25 | 1160 |
| | 195 | 2.6 | 0.03* | 25 | 1160 | 3.8 | 0.05* | 25 | 1160 | 4.6 | 0.07* | 25 | 1160 | 7.2 | 0.10* | 25 | 1160 | 14.4 | 0.20* | 25 | 1160 |
| | 231 | 2.2 | 0.03* | 25 | 1160 | 3.2 | 0.05* | 25 | 1160 | 3.9 | 0.07* | 25 | 1160 | 6.1 | 0.10* | 25 | 1160 | 12.1 | 0.20* | 25 | 1160 |
| | 273 | 1.8 | 0.03* | 25 | 1160 | 2.7 | 0.05* | 25 | 1160 | 3.3 | 0.07* | 25 | 1160 | 5.1 | 0.10* | 25 | 1160 | 10.3 | 0.20* | 25 | 1160 |
| | 319 | 1.6 | 0.03* | 25 | 1160 | 2.4 | 0.05* | 25 | 1160 | 2.8 | 0.07* | 25 | 1160 | 4.4 | 0.10* | 25 | 1160 | 8.8 | 0.20* | 25 | 1160 |
| | 357 | 1.4 | 0.03* | 25 | 1160 | 2.1 | 0.05* | 25 | 1160 | 2.5 | 0.07* | 25 | 1160 | 3.9 | 0.10* | 25 | 1160 | 7.8 | 0.20* | 25 | 1160 |
| | 377 | 1.3 | 0.03* | 25 | 1160 | 2.0 | 0.05* | 25 | 1160 | 2.4 | 0.07* | 25 | 1160 | 3.7 | 0.10* | 25 | 1160 | 7.4 | 0.20* | 25 | 1160 |
| | 425 | 1.2 | 0.03* | 25 | 1160 | 1.8 | 0.05* | 25 | 1160 | 2.1 | 0.07* | 25 | 1160 | 3.3 | 0.10* | 25 | 1160 | 6.6 | 0.20* | 25 | 1160 |
| | 473 | 1.1 | 0.03* | 25 | 1160 | 1.6 | 0.05* | 25 | 1160 | 1.9 | 0.07* | 25 | 1160 | 3.0 | 0.10* | 25 | 1160 | 5.9 | 0.20* | 25 | 1160 |
| | 525 | 1.0 | 0.03* | 25 | 1160 | 1.4 | 0.05* | 25 | 1160 | 1.7 | 0.07* | 25 | 1160 | 2.7 | 0.10* | 25 | 1160 | 5.3 | 0.20* | 25 | 1160 |
| | 559 | 0.9 | 0.03* | 25 | 1160 | 1.3 | 0.05* | 25 | 1160 | 1.6 | 0.07* | 25 | 1160 | 2.5 | 0.10* | 25 | 1160 | 5.0 | 0.20* | 25 | 1160 |
| | 595 | 0.8 | 0.03* | 25 | 1160 | 1.3 | 0.05* | 25 | 1160 | 1.5 | 0.07* | 25 | 1160 | 2.4 | 0.10* | 25 | 1160 | 4.7 | 0.20* | 25 | 1160 |
| | 649 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 731 | 0.7 | 0.03* | 25 | 1160 | 1.0 | 0.05* | 25 | 1160 | 1.2 | 0.07* | 25 | 1160 | 1.9 | 0.10* | 25 | 1160 | 3.8 | 0.20* | 25 | 1160 | |





| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | | |
|---|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|
| | | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | |
| 608 170-171 | 6 | 83.3 | 0.19 | 20 | 1740 | 125.0 | 0.28 | 20 | 1700 | 150.0 | 0.37 | 22 | 1540 | 233.3 | 0.39 | 15 | 1340 | 466.7 | 0.39 | 7 | 1070 | |
| | 8 | 62.5 | 0.23 | 32 | 1740 | 93.8 | 0.30 | 28 | 1740 | 112.5 | 0.37 | 29 | 1700 | 175.0 | 0.39 | 20 | 1480 | 350.0 | 0.39 | 10 | 1180 | |
| | 11 | 45.5 | 0.23 | 44 | 1740 | 68.2 | 0.30 | 39 | 1740 | 81.8 | 0.37 | 40 | 1740 | 127.3 | 0.39 | 27 | 1650 | 254.5 | 0.39 | 13 | 1300 | |
| | 13 | 38.5 | 0.22 | 50 | 1740 | 57.0 | 0.30 | 46 | 1740 | 69.2 | 0.37 | 47 | 1740 | 107.7 | 0.39 | 32 | 1740 | 215.4 | 0.39 | 16 | 1380 | |
| | 15 | 33.3 | 0.19 | 50 | 1740 | 50.0 | 0.28 | 49 | 1740 | 60.0 | 0.37 | 54 | 1740 | 93.3 | 0.39 | 37 | 1740 | 186.7 | 0.39 | 18 | 1450 | |
| | 17 | 29.4 | 0.17 | 51 | 1740 | 44.1 | 0.25 | 50 | 1740 | 52.9 | 0.33 | 55 | 1740 | 82.4 | 0.39 | 42 | 1740 | 164.7 | 0.39 | 21 | 1510 | |
| | 21 | 23.8 | 0.14 | 52 | 1740 | 35.7 | 0.21 | 52 | 1740 | 42.9 | 0.26 | 53 | 1740 | 66.7 | 0.39 | 51 | 1740 | 133.3 | 0.39 | 26 | 1630 | |
| | 25 | 20.0 | 0.12 | 53 | 1740 | 30.0 | 0.16 | 47 | 1740 | 36.0 | 0.19 | 46 | 1740 | 56.0 | 0.25 | 39 | 1740 | 112.0 | 0.25 | 20 | 1720 | |
| | 29 | 17.2 | 0.10 | 51 | 1740 | 25.9 | 0.15 | 51 | 1740 | 31.0 | 0.19 | 54 | 1740 | 48.3 | 0.25 | 45 | 1740 | 96.6 | 0.25 | 23 | 1740 | |
| | 35 | 14.3 | 0.08 | 49 | 1740 | 21.4 | 0.12 | 49 | 1740 | 25.7 | 0.16 | 55 | 1740 | 40.0 | 0.25 | 55 | 1740 | 80.0 | 0.25 | 27 | 1740 | |
| | 43 | 11.6 | 0.07 | 53 | 1740 | 17.4 | 0.10 | 50 | 1740 | 20.9 | 0.13 | 55 | 1740 | 32.6 | 0.20 | 54 | 1740 | 65.1 | 0.20 | 27 | 1740 | |
| | 51 | 9.8 | 0.06 | 54 | 1740 | 14.7 | 0.08 | 48 | 1740 | 17.6 | 0.09 | 45 | 1740 | 27.5 | 0.12 | 38 | 1740 | 54.9 | 0.12 | 19 | 1740 | |
| | 59 | 8.5 | 0.05 | 52 | 1740 | 12.7 | 0.07 | 48 | 1740 | 15.3 | 0.09 | 52 | 1740 | 23.7 | 0.12 | 44 | 1740 | 47.5 | 0.12 | 22 | 1740 | |
| | 71 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 87 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 608/07 244-245 | 104 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 121 | 4.1 | 0.03* | 50 | 1740 | 6.2 | 0.05* | 50 | 1740 | 7.4 | 0.07* | 50 | 1740 | 11.6 | 0.10* | 46 | 1740 | 23.1 | 0.20* | 36 | 1740 | |
| | 143 | 3.5 | 0.03* | 50 | 1740 | 5.2 | 0.05* | 50 | 1740 | 6.3 | 0.07* | 50 | 1740 | 9.8 | 0.10* | 50 | 1740 | 19.6 | 0.20* | 41 | 1740 | |
| | 165 | 3.0 | 0.03* | 50 | 1740 | 4.5 | 0.05* | 50 | 1740 | 5.5 | 0.07* | 50 | 1740 | 8.5 | 0.10* | 50 | 1740 | 17.0 | 0.20* | 47 | 1740 | |
| | 195 | 2.6 | 0.03* | 50 | 1740 | 3.8 | 0.05* | 50 | 1740 | 4.6 | 0.07* | 50 | 1740 | 7.2 | 0.10* | 50 | 1740 | 14.4 | 0.20* | 50 | 1740 | |
| | 231 | 2.2 | 0.03* | 50 | 1740 | 3.2 | 0.05* | 50 | 1740 | 3.9 | 0.07* | 50 | 1740 | 6.1 | 0.10* | 50 | 1740 | 12.1 | 0.20* | 50 | 1740 | |
| | 273 | 1.8 | 0.03* | 50 | 1740 | 2.7 | 0.05* | 50 | 1740 | 3.3 | 0.07* | 50 | 1740 | 5.1 | 0.10* | 50 | 1740 | 10.3 | 0.20* | 50 | 1740 | |
| | 319 | 1.6 | 0.03* | 50 | 1740 | 2.4 | 0.05* | 50 | 1740 | 2.8 | 0.07* | 50 | 1740 | 4.4 | 0.10* | 50 | 1740 | 8.8 | 0.20* | 50 | 1740 | |
| | 357 | 1.4 | 0.03* | 50 | 1740 | 2.1 | 0.05* | 50 | 1740 | 2.5 | 0.07* | 50 | 1740 | 3.9 | 0.10* | 50 | 1740 | 7.8 | 0.20* | 50 | 1740 | |
| | 377 | 1.3 | 0.03* | 50 | 1740 | 2.0 | 0.05* | 50 | 1740 | 2.4 | 0.07* | 50 | 1740 | 3.7 | 0.10* | 50 | 1740 | 7.4 | 0.20* | 50 | 1740 | |
| | 425 | 1.2 | 0.03* | 50 | 1740 | 1.8 | 0.05* | 50 | 1740 | 2.1 | 0.07* | 50 | 1740 | 3.3 | 0.10* | 50 | 1740 | 6.6 | 0.20* | 50 | 1740 | |
| | 473 | 1.1 | 0.03* | 50 | 1740 | 1.6 | 0.05* | 50 | 1740 | 1.9 | 0.07* | 50 | 1740 | 3.0 | 0.10* | 50 | 1740 | 5.9 | 0.20* | 50 | 1740 | |
| | 525 | 1.0 | 0.03* | 50 | 1740 | 1.4 | 0.05* | 50 | 1740 | 1.7 | 0.07* | 50 | 1740 | 2.7 | 0.10* | 50 | 1740 | 5.3 | 0.20* | 50 | 1740 | |
| | 559 | 0.9 | 0.03* | 50 | 1740 | 1.3 | 0.05* | 50 | 1740 | 1.6 | 0.07* | 50 | 1740 | 2.5 | 0.10* | 50 | 1740 | 5.0 | 0.20* | 50 | 1740 | |
| | 595 | 0.8 | 0.03* | 50 | 1740 | 1.3 | 0.05* | 50 | 1740 | 1.5 | 0.07* | 50 | 1740 | 2.4 | 0.10* | 50 | 1740 | 4.7 | 0.20* | 50 | 1740 | |
| | 649 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 731 | 0.7 | 0.03* | 50 | 1740 | 1.0 | 0.05* | 50 | 1740 | 1.2 | 0.07* | 50 | 1740 | 1.9 | 0.10* | 50 | 1740 | 3.8 | 0.20* | 50 | 1740 | | |

| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | |
|--|---|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|
| | | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} |
| 609  174-175 | 6 | 83.3 | 0.62 | 65 | 3280 | 125.0 | 0.82 | 58 | 3190 | 150.0 | 1.01 | 59 | 2890 | 233.3 | 1.33 | 50 | 2530 | 466.7 | 1.33 | 25 | 2000 |
| | 8 | 62.5 | 0.62 | 87 | 3280 | 93.8 | 0.82 | 77 | 3280 | 112.5 | 1.01 | 79 | 3190 | 175.0 | 1.33 | 67 | 2780 | 350.0 | 1.33 | 33 | 2210 |
| | 11 | 45.5 | 0.54 | 104 | 3280 | 68.2 | 0.75 | 97 | 3280 | 81.8 | 0.91 | 98 | 3280 | 127.3 | 1.21 | 84 | 3090 | 254.5 | 1.21 | 42 | 2450 |
| | 13 | 38.5 | 0.46 | 105 | 3280 | 57.7 | 0.69 | 105 | 3280 | 69.2 | 0.90 | 114 | 3280 | 107.7 | 1.20 | 98 | 3270 | 215.4 | 1.20 | 49 | 2600 |
| | 15 | 33.3 | 0.47 | 124 | 3280 | 50.0 | 0.71 | 125 | 3280 | 60.0 | 0.86 | 126 | 3280 | 93.3 | 1.14 | 107 | 3280 | 186.7 | 1.14 | 54 | 2730 |
| | 17 | 29.4 | 0.41 | 122 | 3280 | 44.1 | 0.63 | 125 | 3280 | 52.9 | 0.80 | 133 | 3280 | 82.4 | 1.07 | 114 | 3280 | 164.7 | 1.07 | 57 | 2830 |
| | 21 | 23.8 | 0.33 | 122 | 3280 | 35.7 | 0.50 | 123 | 3280 | 42.9 | 0.68 | 139 | 3280 | 66.7 | 0.96 | 127 | 3280 | 133.3 | 0.96 | 63 | 3040 |
| | 25 | 20.0 | 0.28 | 123 | 3280 | 30.0 | 0.42 | 123 | 3280 | 36.0 | 0.56 | 137 | 3280 | 56.0 | 0.74 | 116 | 3280 | 112.0 | 0.74 | 58 | 3230 |
| | 29 | 17.2 | 0.25 | 127 | 3280 | 25.9 | 0.36 | 122 | 3280 | 31.0 | 0.49 | 139 | 3280 | 48.3 | 0.67 | 122 | 3280 | 96.6 | 0.67 | 61 | 3280 |
| | 35 | 14.3 | 0.21 | 129 | 3280 | 21.4 | 0.30 | 123 | 3280 | 25.7 | 0.40 | 137 | 3280 | 40.0 | 0.57 | 125 | 3280 | 80.0 | 0.57 | 63 | 3280 |
| | 43 | 11.6 | 0.17 | 128 | 3280 | 17.4 | 0.25 | 126 | 3280 | 20.9 | 0.33 | 139 | 3280 | 32.6 | 0.49 | 132 | 3280 | 65.1 | 0.49 | 66 | 3280 |
| | 51 | 9.8 | 0.14 | 125 | 3280 | 14.7 | 0.21 | 125 | 3280 | 17.6 | 0.27 | 134 | 3280 | 27.5 | 0.36 | 116 | 3280 | 54.9 | 0.36 | 58 | 3280 |
| | 59 | 8.5 | 0.12 | 124 | 3280 | 12.7 | 0.18 | 124 | 3280 | 15.3 | 0.24 | 138 | 3280 | 23.7 | 0.32 | 120 | 3280 | 47.5 | 0.32 | 60 | 3280 |
| | 71 | 7.0 | 0.10 | 125 | 3280 | 10.6 | 0.15 | 125 | 3280 | 12.7 | 0.20 | 139 | 3280 | 19.7 | 0.25 | 114 | 3280 | 39.4 | 0.25 | 57 | 3280 |
| | 87 | 5.7 | 0.08 | 122 | 3280 | 8.6 | 0.12 | 122 | 3280 | 10.3 | 0.17 | 144 | 3280 | 16.1 | 0.25 | 134 | 3280 | 32.2 | 0.25 | 67 | 3280 |
| | 119 | 4.2 | 0.03 | 63 | 3280 | 6.3 | 0.05 | 70 | 3280 | 7.6 | 0.07 | 81 | 3280 | 11.8 | 0.10 | 73 | 3280 | 23.5 | 0.10 | 37 | 3280 |
| | 609/08  248-249 | 104 | 4.8 | 0.06 | 108 | 3270 | 7.2 | 0.10 | 108 | 3270 | 8.7 | 0.13 | 108 | 3270 | 13.5 | 0.19 | 103 | 3270 | 26.9 | 0.29 | 82 |
| 121 | | 4.1 | 0.05 | 108 | 3270 | 6.2 | 0.08 | 108 | 3270 | 7.4 | 0.11 | 108 | 3270 | 11.6 | 0.16 | 103 | 3270 | 23.1 | 0.25 | 82 | 3270 |
| 143 | | 3.5 | 0.05 | 108 | 3270 | 5.2 | 0.07 | 108 | 3270 | 6.3 | 0.09 | 108 | 3270 | 9.8 | 0.14 | 108 | 3270 | 19.6 | 0.24 | 91 | 3270 |
| 165 | | 3.0 | 0.05 | 123 | 3270 | 4.5 | 0.07 | 123 | 3270 | 5.5 | 0.08 | 123 | 3270 | 8.5 | 0.14 | 123 | 3270 | 17.0 | 0.23 | 98 | 3270 |
| 195 | | 2.6 | 0.04 | 123 | 3270 | 3.8 | 0.06 | 123 | 3270 | 4.6 | 0.07 | 123 | 3270 | 7.2 | 0.12 | 123 | 3270 | 14.4 | 0.20 | 108 | 3270 |
| 231 | | 2.2 | 0.03 | 123 | 3270 | 3.2 | 0.05 | 123 | 3270 | 3.9 | 0.07* | 123 | 3270 | 6.1 | 0.10 | 123 | 3270 | 12.1 | 0.17 | 108 | 3270 |
| 273 | | 1.8 | 0.03* | 123 | 3270 | 2.7 | 0.05* | 123 | 3270 | 3.3 | 0.07* | 123 | 3270 | 5.1 | 0.10* | 123 | 3270 | 10.3 | 0.20* | 113 | 3270 |
| 319 | | 1.6 | 0.03* | 123 | 3270 | 2.4 | 0.05* | 123 | 3270 | 2.8 | 0.07* | 123 | 3270 | 4.4 | 0.10* | 123 | 3270 | 8.8 | 0.20* | 123 | 3270 |
| 357 | | 1.4 | 0.03* | 123 | 3270 | 2.1 | 0.05* | 123 | 3270 | 2.5 | 0.07* | 123 | 3270 | 3.9 | 0.10* | 123 | 3270 | 7.8 | 0.20* | 123 | 3270 |
| 377 | | 1.3 | 0.03* | 123 | 3270 | 2.0 | 0.05* | 123 | 3270 | 2.4 | 0.07* | 123 | 3270 | 3.7 | 0.10* | 123 | 3270 | 7.4 | 0.20* | 123 | 3270 |
| 425 | | 1.2 | 0.03* | 123 | 3270 | 1.8 | 0.05* | 123 | 3270 | 2.1 | 0.07* | 123 | 3270 | 3.3 | 0.10* | 123 | 3270 | 6.6 | 0.20* | 123 | 3270 |
| 473 | | 1.1 | 0.03* | 123 | 3270 | 1.6 | 0.05* | 123 | 3270 | 1.9 | 0.07* | 123 | 3270 | 3.0 | 0.10* | 123 | 3270 | 5.9 | 0.20* | 123 | 3270 |
| 525 | | 1.0 | 0.03* | 123 | 3270 | 1.4 | 0.05* | 123 | 3270 | 1.7 | 0.07* | 123 | 3270 | 2.7 | 0.10* | 123 | 3270 | 5.3 | 0.20* | 123 | 3270 |
| 559 | | 0.9 | 0.03* | 123 | 3270 | 1.3 | 0.05* | 123 | 3270 | 1.6 | 0.07* | 123 | 3270 | 2.5 | 0.10* | 123 | 3270 | 5.0 | 0.20* | 123 | 3270 |
| 595 | | 0.8 | 0.03* | 123 | 3270 | 1.3 | 0.05* | 123 | 3270 | 1.5 | 0.07* | 123 | 3270 | 2.4 | 0.10* | 123 | 3270 | 4.7 | 0.20* | 123 | 3270 |
| 649 | | 0.8 | 0.03* | 123 | 3270 | 1.2 | 0.05* | 123 | 3270 | 1.4 | 0.07* | 123 | 3270 | 2.2 | 0.10* | 123 | 3270 | 4.3 | 0.20* | 123 | 3270 |
| 731 | | 0.7 | 0.03* | 123 | 3270 | 1.0 | 0.05* | 123 | 3270 | 1.2 | 0.07* | 123 | 3270 | 1.9 | 0.10* | 123 | 3270 | 3.8 | 0.20* | 123 | 3270 |


| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | |
|---|----------------------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|
| | | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} |
| 610 178-179 | 6 | 83.3 | 1.25 | 132 | 5290 | 125.0 | 1.66 | 117 | 5010 | 150.0 | 2.03 | 119 | 4550 | 233.3 | 2.70 | 102 | 3980 | 466.7 | 2.70 | 51 | 3160 |
| | 8 | 62.5 | 1.25 | 176 | 5290 | 93.8 | 1.66 | 156 | 5290 | 112.5 | 2.03 | 159 | 5010 | 175.0 | 2.70 | 136 | 4370 | 350.0 | 2.70 | 68 | 3470 |
| | 11 | 45.5 | 1.04 | 201 | 5290 | 68.2 | 1.56 | 201 | 5290 | 81.8 | 2.03 | 218 | 5290 | 127.3 | 2.70 | 186 | 4860 | 254.5 | 2.70 | 93 | 3860 |
| | 13 | 38.5 | 0.88 | 201 | 5290 | 57.7 | 1.31 | 200 | 5290 | 69.2 | 1.75 | 222 | 5290 | 107.7 | 2.64 | 215 | 5150 | 215.4 | 2.64 | 108 | 4090 |
| | 15 | 33.3 | 0.94 | 248 | 5290 | 50.0 | 1.41 | 248 | 5290 | 60.0 | 1.88 | 275 | 5290 | 93.3 | 2.70 | 254 | 5290 | 186.7 | 2.70 | 127 | 4280 |
| | 17 | 29.4 | 0.83 | 248 | 5290 | 44.1 | 1.25 | 249 | 5290 | 52.9 | 1.67 | 277 | 5290 | 82.4 | 2.16 | 230 | 5290 | 164.7 | 2.16 | 115 | 4470 |
| | 21 | 23.8 | 0.68 | 251 | 5290 | 35.7 | 1.01 | 248 | 5290 | 42.9 | 1.34 | 275 | 5290 | 66.7 | 1.99 | 262 | 5290 | 133.3 | 1.99 | 131 | 4790 |
| | 25 | 20.0 | 0.57 | 250 | 5290 | 30.0 | 0.84 | 246 | 5290 | 36.0 | 1.13 | 276 | 5290 | 56.0 | 1.47 | 231 | 5290 | 112.0 | 1.47 | 115 | 5080 |
| | 29 | 17.2 | 0.49 | 250 | 5290 | 25.9 | 0.74 | 251 | 5290 | 31.0 | 0.97 | 275 | 5290 | 48.3 | 1.35 | 246 | 5290 | 96.6 | 1.35 | 123 | 5290 |
| | 35 | 14.3 | 0.40 | 246 | 5290 | 21.4 | 0.61 | 250 | 5290 | 25.7 | 0.76 | 260 | 5290 | 40.0 | 1.02 | 224 | 5290 | 80.0 | 1.02 | 112 | 5290 |
| | 43 | 11.6 | 0.33 | 249 | 5290 | 17.4 | 0.49 | 247 | 5290 | 20.9 | 0.66 | 277 | 5290 | 32.6 | 0.92 | 248 | 5290 | 65.1 | 0.92 | 124 | 5290 |
| | 51 | 9.8 | 0.27 | 242 | 5290 | 14.7 | 0.40 | 239 | 5290 | 17.6 | 0.50 | 249 | 5290 | 27.5 | 0.66 | 211 | 5290 | 54.9 | 0.66 | 106 | 5290 |
| | 59 | 8.5 | 0.24 | 249 | 5290 | 12.7 | 0.36 | 249 | 5290 | 15.3 | 0.45 | 259 | 5290 | 23.7 | 0.60 | 222 | 5290 | 47.5 | 0.60 | 111 | 5290 |
| | 71 | 7.0 | 0.20 | 250 | 5290 | 10.6 | 0.29 | 241 | 5290 | 12.7 | 0.37 | 256 | 5290 | 19.7 | 0.49 | 218 | 5290 | 39.4 | 0.49 | 109 | 5290 |
| | 87 | 5.7 | 0.17 | 260 | 5290 | 8.6 | 0.25 | 255 | 5290 | 10.3 | 0.32 | 272 | 5290 | 16.1 | 0.49 | 268 | 5290 | 32.2 | 0.49 | 134 | 5290 |
| | 119 | 4.2 | 0.10 | 209 | 5290 | 6.3 | 0.15 | 209 | 5290 | 7.6 | 0.19 | 221 | 5290 | 11.8 | 0.25 | 187 | 5290 | 23.5 | 0.25 | 93 | 5290 |
| | 610/08 252-253 | 104 | 4.8 | 0.12 | 201 | 5290 | 7.2 | 0.18 | 201 | 5290 | 8.7 | 0.24 | 201 | 5290 | 13.5 | 0.36 | 201 | 5290 | 26.9 | 0.40 | 113 |
| 121 | | 4.1 | 0.10 | 201 | 5290 | 6.2 | 0.16 | 201 | 5290 | 7.4 | 0.21 | 201 | 5290 | 11.6 | 0.31 | 201 | 5290 | 23.1 | 0.40 | 127 | 5290 |
| 143 | | 3.5 | 0.09 | 201 | 5290 | 5.2 | 0.13 | 201 | 5290 | 6.3 | 0.18 | 201 | 5290 | 9.8 | 0.26 | 201 | 5290 | 19.6 | 0.40 | 152 | 5290 |
| 165 | | 3.0 | 0.09 | 250 | 5290 | 4.5 | 0.14 | 250 | 5290 | 5.5 | 0.19 | 250 | 5290 | 8.5 | 0.28 | 250 | 5290 | 17.0 | 0.40 | 176 | 5290 |
| 195 | | 2.6 | 0.08 | 250 | 5290 | 3.8 | 0.12 | 250 | 5290 | 4.6 | 0.16 | 250 | 5290 | 7.2 | 0.24 | 250 | 5290 | 14.4 | 0.40 | 206 | 5290 |
| 231 | | 2.2 | 0.07 | 250 | 5290 | 3.2 | 0.10 | 250 | 5290 | 3.9 | 0.13 | 250 | 5290 | 6.1 | 0.20 | 250 | 5290 | 12.1 | 0.40 | 245 | 5290 |
| 273 | | 1.8 | 0.06 | 250 | 5290 | 2.7 | 0.09 | 250 | 5290 | 3.3 | 0.11 | 250 | 5290 | 5.1 | 0.17 | 250 | 5290 | 10.3 | 0.34 | 250 | 5290 |
| 319 | | 1.6 | 0.05 | 250 | 5290 | 2.4 | 0.07 | 250 | 5290 | 2.8 | 0.10 | 250 | 5290 | 4.4 | 0.15 | 250 | 5290 | 8.8 | 0.29 | 250 | 5290 |
| 357 | | 1.4 | 0.04 | 250 | 5290 | 2.1 | 0.07 | 250 | 5290 | 2.5 | 0.09 | 250 | 5290 | 3.9 | 0.13 | 250 | 5290 | 7.8 | 0.26 | 250 | 5290 |
| 377 | | 1.3 | 0.04 | 250 | 5290 | 2.0 | 0.06 | 250 | 5290 | 2.4 | 0.08 | 250 | 5290 | 3.7 | 0.12 | 250 | 5290 | 7.4 | 0.25 | 250 | 5290 |
| 425 | | 1.2 | 0.04 | 250 | 5290 | 1.8 | 0.05 | 250 | 5290 | 2.1 | 0.07 | 250 | 5290 | 3.3 | 0.11 | 250 | 5290 | 6.6 | 0.22 | 250 | 5290 |
| 473 | | 1.1 | 0.03 | 250 | 5290 | 1.6 | 0.05 | 250 | 5290 | 1.9 | 0.07 | 250 | 5290 | 3.0 | 0.10 | 250 | 5290 | 5.9 | 0.20 | 250 | 5290 |
| 525 | | 1.0 | 0.03* | 250 | 5290 | 1.4 | 0.05* | 250 | 5290 | 1.7 | 0.07* | 250 | 5290 | 2.7 | 0.10* | 250 | 5290 | 5.3 | 0.20* | 250 | 5290 |
| 559 | | 0.9 | 0.03* | 250 | 5290 | 1.3 | 0.05* | 250 | 5290 | 1.6 | 0.07* | 250 | 5290 | 2.5 | 0.10* | 250 | 5290 | 5.0 | 0.20* | 250 | 5290 |
| 595 | | 0.8 | 0.03* | 250 | 5290 | 1.3 | 0.05* | 250 | 5290 | 1.5 | 0.07* | 250 | 5290 | 2.4 | 0.10* | 250 | 5290 | 4.7 | 0.20* | 250 | 5290 |
| 649 | | 0.8 | 0.03* | 250 | 5290 | 1.2 | 0.05* | 250 | 5290 | 1.4 | 0.07* | 250 | 5290 | 2.2 | 0.10* | 250 | 5290 | 4.3 | 0.20* | 250 | 5290 |
| 731 | | 0.7 | 0.03* | 250 | 5290 | 1.0 | 0.05* | 250 | 5290 | 1.2 | 0.07* | 250 | 5290 | 1.9 | 0.10* | 250 | 5290 | 3.8 | 0.20* | 250 | 5290 |

| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | |
|--|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|
| | | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} |
| 611  | 6 | 83.3 | 2.30 | 242 | 7190 | 125.0 | 3.06 | 215 | 6280 | 150.0 | 3.75 | 220 | 5710 | 233.3 | 4.97 | 187 | 4980 | - | - | - | - |
| | 8 | 62.5 | 2.30 | 323 | 7910 | 93.8 | 3.06 | 287 | 6910 | 112.5 | 3.75 | 293 | 6280 | 175.0 | 4.97 | 250 | 5480 | 350.0 | 4.97 | 125 | 4840 |
| | 11 | 45.5 | 2.33 | 450 | 8460 | 68.2 | 3.08 | 397 | 7690 | 81.8 | 3.76 | 404 | 6980 | 127.3 | 4.97 | 343 | 6100 | 254.5 | 4.97 | 172 | 5120 |
| | 13 | 38.5 | 2.18 | 498 | 8460 | 57.7 | 2.97 | 452 | 8130 | 69.2 | 3.63 | 461 | 7380 | 107.7 | 4.82 | 393 | 6450 | 215.4 | 4.82 | 197 | 5360 |
| | 15 | 33.3 | 1.88 | 496 | 8460 | 50.0 | 2.82 | 496 | 8460 | 60.0 | 3.67 | 537 | 7750 | 93.3 | 4.87 | 458 | 6770 | 186.7 | 4.87 | 229 | 5600 |
| | 17 | 29.4 | 1.67 | 499 | 8460 | 44.1 | 2.49 | 496 | 8460 | 52.9 | 3.32 | 551 | 8070 | 82.4 | 4.67 | 498 | 7050 | 164.7 | 4.67 | 249 | 6000 |
| | 21 | 23.8 | 1.34 | 494 | 8460 | 35.7 | 2.02 | 497 | 8460 | 42.9 | 2.70 | 554 | 8460 | 66.7 | 4.04 | 532 | 7570 | 133.3 | 4.04 | 266 | 6360 |
| | 25 | 20.0 | 1.13 | 496 | 8460 | 30.0 | 1.70 | 498 | 8460 | 36.0 | 2.26 | 552 | 8460 | 56.0 | 3.20 | 502 | 8020 | 112.0 | 3.20 | 251 | 6690 |
| | 29 | 17.2 | 0.97 | 494 | 8460 | 25.9 | 1.46 | 496 | 8460 | 31.0 | 1.95 | 552 | 8460 | 48.3 | 2.84 | 517 | 8420 | 96.6 | 2.84 | 258 | 7120 |
| | 35 | 14.3 | 0.80 | 492 | 8460 | 21.4 | 1.22 | 500 | 8460 | 25.7 | 1.62 | 554 | 8460 | 40.0 | 2.42 | 532 | 8460 | 80.0 | 2.42 | 266 | 7630 |
| | 43 | 11.6 | 0.66 | 499 | 8460 | 17.4 | 0.99 | 499 | 8460 | 20.9 | 1.31 | 550 | 8460 | 32.6 | 1.92 | 518 | 8460 | 65.1 | 1.92 | 259 | 8070 |
| | 51 | 9.8 | 0.56 | 502 | 8460 | 14.7 | 0.83 | 496 | 8460 | 17.6 | 1.11 | 553 | 8460 | 27.5 | 1.67 | 535 | 8460 | 54.9 | 1.67 | 267 | 8460 |
| | 59 | 8.5 | 0.48 | 498 | 8460 | 12.7 | 0.72 | 498 | 8460 | 15.3 | 0.93 | 536 | 8460 | 23.7 | 1.37 | 507 | 8460 | 47.5 | 1.37 | 254 | 8460 |
| | 71 | 7.0 | 0.40 | 499 | 8460 | 10.6 | 0.60 | 499 | 8460 | 12.7 | 0.73 | 506 | 8460 | 19.7 | 0.96 | 428 | 8460 | 39.4 | 0.96 | 214 | 8460 |
| | 87 | 5.7 | 0.32 | 489 | 8460 | 8.6 | 0.49 | 499 | 8460 | 10.3 | 0.65 | 552 | 8460 | 16.1 | 0.92 | 502 | 8460 | 32.2 | 0.92 | 251 | 8460 |
| 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 611/08  | 104 | 4.8 | 0.23 | 387 | 8460 | 7.2 | 0.31 | 343 | 8460 | 8.7 | 0.37 | 314 | 8460 | 13.5 | 0.39 | 221 | 8460 | 26.9 | 0.39 | 113 | 8460 |
| | 121 | 4.1 | 0.23 | 451 | 8460 | 6.2 | 0.31 | 397 | 8460 | 7.4 | 0.37 | 363 | 8460 | 11.6 | 0.39 | 260 | 8460 | 23.1 | 0.39 | 127 | 8460 |
| | 143 | 3.5 | 0.22 | 499 | 8460 | 5.2 | 0.31 | 471 | 8460 | 6.3 | 0.37 | 431 | 8460 | 9.8 | 0.39 | 304 | 8460 | 19.6 | 0.39 | 152 | 8460 |
| | 165 | 3.0 | 0.19 | 499 | 8460 | 4.5 | 0.28 | 499 | 8460 | 5.5 | 0.37 | 499 | 8460 | 8.5 | 0.39 | 353 | 8460 | 17.0 | 0.39 | 176 | 8460 |
| | 195 | 2.6 | 0.16 | 499 | 8460 | 3.8 | 0.24 | 499 | 8460 | 4.6 | 0.31 | 499 | 8460 | 7.2 | 0.39 | 417 | 8460 | 14.4 | 0.39 | 106 | 8460 |
| | 231 | 2.2 | 0.13 | 499 | 8460 | 3.2 | 0.20 | 499 | 8460 | 3.9 | 0.26 | 499 | 8460 | 6.1 | 0.39 | 493 | 8460 | 12.1 | 0.39 | 245 | 8460 |
| | 273 | 1.8 | 0.11 | 499 | 8460 | 2.7 | 0.17 | 499 | 8460 | 3.3 | 0.23 | 499 | 8460 | 5.1 | 0.33 | 499 | 8460 | 10.3 | 0.39 | 289 | 8460 |
| | 319 | 1.6 | 0.10 | 499 | 8460 | 2.4 | 0.15 | 499 | 8460 | 2.8 | 0.20 | 499 | 8460 | 4.4 | 0.28 | 499 | 8460 | 8.8 | 0.39 | 343 | 8460 |
| | 357 | 1.4 | 0.09 | 499 | 8460 | 2.1 | 0.13 | 499 | 8460 | 2.5 | 0.17 | 499 | 8460 | 3.9 | 0.26 | 499 | 8460 | 7.8 | 0.39 | 382 | 8460 |
| | 377 | 1.3 | 0.08 | 499 | 8460 | 2.0 | 0.12 | 499 | 8460 | 2.4 | 0.17 | 499 | 8460 | 3.7 | 0.25 | 499 | 8460 | 7.4 | 0.39 | 402 | 8460 |
| | 425 | 1.2 | 0.07 | 499 | 8460 | 1.8 | 0.11 | 499 | 8460 | 2.1 | 0.15 | 499 | 8460 | 3.3 | 0.22 | 499 | 8460 | 6.6 | 0.39 | 456 | 8460 |
| | 473 | 1.1 | 0.07 | 499 | 8460 | 1.6 | 0.10 | 499 | 8460 | 1.9 | 0.13 | 499 | 8460 | 3.0 | 0.20 | 499 | 8460 | 5.9 | 0.39 | 499 | 8460 |
| | 525 | 1.0 | 0.06 | 499 | 8460 | 1.4 | 0.09 | 499 | 8460 | 1.7 | 0.12 | 499 | 8460 | 2.7 | 0.18 | 499 | 8460 | 5.3 | 0.35 | 499 | 8460 |
| | 559 | 0.9 | 0.06 | 499 | 8460 | 1.3 | 0.08 | 499 | 8460 | 1.6 | 0.11 | 499 | 8460 | 2.5 | 0.17 | 499 | 8460 | 5.0 | 0.32 | 499 | 8460 |
| | 595 | 0.8 | 0.05 | 499 | 8460 | 1.3 | 0.08 | 499 | 8460 | 1.5 | 0.10 | 499 | 8460 | 2.4 | 0.16 | 499 | 8460 | 4.7 | 0.30 | 499 | 8460 |
| 649 | 0.8 | 0.05 | 499 | 8460 | 1.2 | 0.07 | 499 | 8460 | 1.4 | 0.10 | 499 | 8460 | 2.2 | 0.14 | 499 | 8460 | 4.3 | 0.28 | 499 | 8460 | |
| 731 | 0.7 | 0.04 | 499 | 8460 | 1.0 | 0.06 | 499 | 8460 | 1.2 | 0.09 | 499 | 8460 | 1.9 | 0.13 | 499 | 8460 | 3.8 | 0.25 | 499 | 8460 | |
| 611/09  | 104 | 4.8 | 0.29 | 499 | 8460 | 7.2 | 0.44 | 499 | 8460 | 8.7 | 0.59 | 499 | 8460 | 13.5 | 0.81 | 461 | 8460 | 26.9 | 1.29 | 113 | 8460 |
| | 121 | 4.1 | 0.25 | 499 | 8460 | 6.2 | 0.38 | 499 | 8460 | 7.4 | 0.51 | 499 | 8460 | 11.6 | 0.75 | 499 | 8460 | 23.1 | 1.21 | 127 | 8460 |
| | 143 | 3.5 | 0.22 | 499 | 8460 | 5.2 | 0.32 | 499 | 8460 | 6.3 | 0.43 | 499 | 8460 | 9.8 | 0.64 | 499 | 8460 | 19.6 | 1.06 | 152 | 8460 |
| | 165 | 3.0 | 0.19 | 499 | 8460 | 4.5 | 0.27 | 499 | 8460 | 5.5 | 0.37 | 499 | 8460 | 8.5 | 0.56 | 499 | 8460 | 17.0 | 1.07 | 176 | 8460 |
| | 195 | 2.6 | 0.16 | 499 | 8460 | 3.8 | 0.24 | 499 | 8460 | 4.6 | 0.31 | 499 | 8460 | 7.2 | 0.47 | 499 | 8460 | 14.4 | 0.94 | 106 | 8460 |
| | 231 | 2.2 | 0.13 | 499 | 8460 | 3.2 | 0.20 | 499 | 8460 | 3.9 | 0.26 | 499 | 8460 | 6.1 | 0.39 | 499 | 8460 | 12.1 | 0.79 | 245 | 8460 |
| | 273 | 1.8 | 0.11 | 499 | 8460 | 2.7 | 0.17 | 499 | 8460 | 3.3 | 0.23 | 499 | 8460 | 5.1 | 0.33 | 499 | 8460 | 10.3 | 0.67 | 289 | 8460 |
| | 319 | 1.6 | 0.10 | 499 | 8460 | 2.4 | 0.15 | 499 | 8460 | 2.8 | 0.20 | 499 | 8460 | 4.4 | 0.28 | 499 | 8460 | 8.8 | 0.58 | 343 | 8460 |
| | 357 | 1.4 | 0.09 | 499 | 8460 | 2.1 | 0.13 | 499 | 8460 | 2.5 | 0.17 | 499 | 8460 | 3.9 | 0.25 | 499 | 8460 | 7.8 | 0.51 | 382 | 8460 |
| | 377 | 1.3 | 0.08 | 499 | 8460 | 2.0 | 0.12 | 499 | 8460 | 2.4 | 0.17 | 499 | 8460 | 3.7 | 0.25 | 499 | 8460 | 7.4 | 0.49 | 402 | 8460 |
| | 425 | 1.2 | 0.07 | 499 | 8460 | 1.8 | 0.11 | 499 | 8460 | 2.1 | 0.15 | 499 | 8460 | 3.3 | 0.22 | 499 | 8460 | 6.6 | 0.43 | 456 | 8460 |
| | 473 | 1.1 | 0.07 | 499 | 8460 | 1.6 | 0.10 | 499 | 8460 | 1.9 | 0.13 | 499 | 8460 | 3.0 | 0.20 | 499 | 8460 | 5.9 | 0.39 | 499 | 8460 |
| | 525 | 1.0 | 0.06 | 499 | 8460 | 1.4 | 0.09 | 499 | 8460 | 1.7 | 0.12 | 499 | 8460 | 2.7 | 0.18 | 499 | 8460 | 5.3 | 0.35 | 499 | 8460 |
| | 559 | 0.9 | 0.06 | 499 | 8460 | 1.3 | 0.08 | 499 | 8460 | 1.6 | 0.11 | 499 | 8460 | 2.5 | 0.17 | 499 | 8460 | 5.0 | 0.32 | 499 | 8460 |
| | 595 | 0.8 | 0.05 | 499 | 8460 | 1.3 | 0.08 | 499 | 8460 | 1.5 | 0.10 | 499 | 8460 | 2.4 | 0.16 | 499 | 8460 | 4.7 | 0.30 | 499 | 8460 |
| 649 | 0.8 | 0.05 | 499 | 8460 | 1.2 | 0.07 | 499 | 8460 | 1.4 | 0.10 | 499 | 8460 | 2.2 | 0.14 | 499 | 8460 | 4.3 | 0.28 | 499 | 8460 | |
| 731 | 0.7 | 0.04 | 499 | 8460 | 1.0 | 0.06 | 499 | 8460 | 1.2 | 0.09 | 499 | 8460 | 1.9 | 0.13 | 499 | 8460 | 3.8 | 0.25 | 499 | 8460 | |





| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | | |
|--|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|
| | | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | |
| 612  186-187 | 6 | 83.3 | 2.80 | 295 | 7190 | 125.0 | 4.15 | 292 | 6280 | 150.0 | 5.08 | 298 | 5710 | 233.3 | 6.75 | 254 | 4980 | - | - | - | - | |
| | 8 | 62.5 | 2.85 | 401 | 7910 | 93.8 | 4.15 | 389 | 6910 | 112.5 | 5.08 | 397 | 6280 | 175.0 | 6.75 | 339 | 5480 | 350.0 | 6.75 | 169 | 4350 | |
| | 11 | 45.5 | 2.31 | 447 | 8790 | 68.2 | 3.08 | 397 | 7690 | 81.8 | 3.76 | 404 | 6980 | 127.3 | 5.00 | 345 | 6100 | 254.5 | 5.00 | 173 | 4840 | |
| | 13 | 38.5 | 2.18 | 498 | 9300 | 57.7 | 3.08 | 469 | 8130 | 69.2 | 3.76 | 477 | 7380 | 107.7 | 4.99 | 407 | 6450 | 215.4 | 4.99 | 204 | 5120 | |
| | 15 | 33.3 | 1.88 | 496 | 9620 | 50.0 | 2.82 | 496 | 8520 | 60.0 | 3.76 | 551 | 7750 | 93.3 | 4.99 | 470 | 6770 | 186.7 | 4.99 | 235 | 5370 | |
| | 17 | 29.4 | 1.67 | 499 | 9620 | 44.1 | 2.49 | 496 | 8880 | 52.9 | 3.32 | 551 | 8070 | 82.4 | 4.99 | 532 | 7050 | 164.7 | 4.99 | 266 | 5600 | |
| | 21 | 23.8 | 1.34 | 494 | 9620 | 35.7 | 2.02 | 497 | 9530 | 42.9 | 2.70 | 554 | 8660 | 66.7 | 4.04 | 532 | 7570 | 133.3 | 4.04 | 266 | 6000 | |
| | 25 | 20.0 | 1.13 | 496 | 9620 | 30.0 | 1.70 | 498 | 9620 | 36.0 | 2.26 | 552 | 9180 | 56.0 | 3.36 | 527 | 8020 | 112.0 | 3.36 | 264 | 6360 | |
| | 29 | 17.2 | 0.97 | 494 | 9620 | 25.9 | 1.46 | 496 | 9620 | 31.0 | 1.95 | 552 | 9620 | 48.3 | 2.84 | 517 | 8420 | 96.6 | 2.84 | 258 | 6690 | |
| | 35 | 14.3 | 0.80 | 492 | 9620 | 21.4 | 1.22 | 500 | 9620 | 25.7 | 1.62 | 554 | 9620 | 40.0 | 2.42 | 532 | 8970 | 80.0 | 2.42 | 266 | 7120 | |
| | 43 | 11.6 | 0.66 | 499 | 9620 | 17.4 | 0.99 | 499 | 9620 | 20.9 | 1.31 | 550 | 9620 | 32.6 | 1.97 | 532 | 9610 | 65.1 | 1.97 | 266 | 7630 | |
| | 51 | 9.8 | 0.56 | 502 | 9620 | 14.7 | 0.83 | 496 | 9620 | 17.6 | 1.11 | 553 | 9620 | 27.5 | 1.67 | 535 | 9620 | 54.9 | 1.67 | 267 | 8070 | |
| | 59 | 8.5 | 0.48 | 498 | 9620 | 12.7 | 0.72 | 498 | 9620 | 15.3 | 0.96 | 553 | 9620 | 23.7 | 1.37 | 507 | 9620 | 47.5 | 1.37 | 254 | 8470 | |
| | 71 | 7.0 | 0.40 | 499 | 9620 | 10.6 | 0.60 | 499 | 9620 | 12.7 | 0.76 | 527 | 9620 | 19.7 | 1.02 | 454 | 9620 | 39.4 | 1.02 | 227 | 9010 | |
| | 87 | 5.7 | 0.32 | 489 | 9620 | 8.6 | 0.49 | 499 | 9620 | 10.3 | 0.65 | 552 | 9620 | 16.1 | 0.92 | 502 | 9620 | 32.2 | 0.92 | 251 | 9620 | |
| | 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | |
|---|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|
| | | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ |
| 613  | 6 | 83.3 | 4.61 | 486 | 8300 | 125.0 | 6.12 | 430 | 7260 | 150.0 | 7.49 | 439 | 6590 | 233.3 | 9.90 | 373 | 5760 | 466.7 | 9.90 | 186 | 4570 |
| | 8 | 62.5 | 4.61 | 648 | 9140 | 93.8 | 6.13 | 574 | 7980 | 112.5 | 7.49 | 585 | 7260 | 175.0 | 9.90 | 497 | 6330 | 350.0 | 9.90 | 249 | 5030 |
| | 11 | 45.5 | 3.85 | 744 | 10200 | 68.2 | 5.78 | 745 | 8870 | 81.8 | 7.32 | 786 | 8060 | 127.3 | 9.72 | 671 | 7040 | 254.5 | 9.72 | 335 | 5590 |
| | 13 | 38.5 | 3.26 | 745 | 10800 | 57.7 | 4.89 | 745 | 9380 | 69.2 | 6.52 | 827 | 8530 | 107.7 | 9.20 | 751 | 7450 | 215.4 | 9.20 | 375 | 5910 |
| | 15 | 33.3 | 2.82 | 743 | 11300 | 50.0 | 4.24 | 745 | 9800 | 60.0 | 5.66 | 829 | 8940 | 93.3 | 7.63 | 718 | 7810 | 186.7 | 7.63 | 359 | 6200 |
| | 17 | 29.4 | 2.49 | 744 | 11800 | 44.1 | 4.24 | 844 | 10300 | 52.9 | 4.99 | 828 | 9320 | 82.4 | 7.04 | 751 | 8150 | 164.7 | 7.04 | 376 | 6460 |
| | 21 | 23.8 | 2.02 | 745 | 12600 | 35.7 | 3.03 | 745 | 11000 | 42.9 | 4.04 | 828 | 10000 | 66.7 | 6.01 | 792 | 8740 | 133.3 | 6.01 | 396 | 6930 |
| | 25 | 20.0 | 1.70 | 747 | 12900 | 30.0 | 2.54 | 744 | 12300 | 36.0 | 3.39 | 827 | 10600 | 56.0 | 5.05 | 792 | 9270 | 112.0 | 5.05 | 396 | 7350 |
| | 29 | 17.2 | 1.46 | 744 | 12900 | 25.9 | 2.20 | 747 | 12300 | 31.0 | 2.92 | 827 | 11200 | 48.3 | 4.38 | 797 | 9740 | 96.6 | 4.38 | 399 | 7730 |
| | 35 | 14.3 | 1.22 | 750 | 12900 | 21.4 | 1.81 | 742 | 12900 | 25.7 | 2.42 | 827 | 11900 | 40.0 | 3.63 | 797 | 10400 | 80.0 | 3.63 | 399 | 8230 |
| | 43 | 11.6 | 0.99 | 748 | 12900 | 17.4 | 1.48 | 746 | 12900 | 20.9 | 1.97 | 827 | 12700 | 32.6 | 2.94 | 793 | 11100 | 65.1 | 2.94 | 397 | 8800 |
| | 51 | 9.8 | 0.83 | 744 | 12900 | 14.7 | 1.25 | 747 | 12900 | 17.6 | 1.67 | 831 | 12900 | 27.5 | 2.49 | 797 | 11800 | 54.9 | 2.49 | 398 | 9320 |
| | 59 | 8.5 | 0.72 | 746 | 12900 | 12.7 | 1.08 | 746 | 12900 | 15.3 | 1.44 | 829 | 12900 | 23.7 | 2.14 | 792 | 12400 | 47.5 | 2.14 | 396 | 9780 |
| | 71 | 7.0 | 0.60 | 749 | 12900 | 10.6 | 0.89 | 740 | 12900 | 12.7 | 1.20 | 832 | 12900 | 19.7 | 1.79 | 798 | 12900 | 39.4 | 1.79 | 399 | 10400 |
| | 87 | 5.7 | 0.49 | 749 | 12900 | 8.6 | 0.74 | 754 | 12900 | 10.3 | 0.97 | 824 | 12900 | 16.1 | 1.45 | 792 | 12900 | 32.2 | 1.45 | 396 | 11200 |
| 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 613/08  | 104 | 4.8 | 0.23 | 387 | 12900 | 7.2 | 0.30 | 336 | 12900 | 8.7 | 0.37 | 346 | 12900 | 13.5 | 0.39 | 234 | 12900 | 26.9 | 0.39 | 117 | 11900 |
| | 121 | 4.1 | 0.23 | 450 | 12900 | 6.2 | 0.30 | 391 | 12900 | 7.4 | 0.37 | 402 | 12900 | 11.6 | 0.39 | 272 | 12900 | 23.1 | 0.39 | 136 | 12500 |
| | 143 | 3.5 | 0.23 | 532 | 12900 | 5.2 | 0.30 | 462 | 12900 | 6.3 | 0.37 | 475 | 12900 | 9.8 | 0.39 | 322 | 12900 | 19.6 | 0.39 | 161 | 12900 |
| | 165 | 3.0 | 0.23 | 614 | 12900 | 4.5 | 0.30 | 533 | 12900 | 5.5 | 0.37 | 548 | 12900 | 8.5 | 0.39 | 372 | 12900 | 17.0 | 0.39 | 186 | 12900 |
| | 195 | 2.6 | 0.22 | 694 | 12900 | 3.8 | 0.30 | 630 | 12900 | 4.6 | 0.37 | 648 | 12900 | 7.2 | 0.39 | 439 | 12900 | 14.4 | 0.39 | 220 | 12900 |
| | 231 | 2.2 | 0.20 | 749 | 12900 | 3.2 | 0.29 | 749 | 12900 | 3.9 | 0.37 | 749 | 12900 | 6.1 | 0.39 | 520 | 12900 | 12.1 | 0.39 | 260 | 12900 |
| | 273 | 1.8 | 0.17 | 749 | 12900 | 2.7 | 0.25 | 749 | 12900 | 3.3 | 0.33 | 749 | 12900 | 5.1 | 0.39 | 615 | 12900 | 10.3 | 0.39 | 307 | 12900 |
| | 319 | 1.6 | 0.15 | 749 | 12900 | 2.4 | 0.22 | 749 | 12900 | 2.8 | 0.28 | 749 | 12900 | 4.4 | 0.39 | 718 | 12900 | 8.8 | 0.39 | 359 | 12900 |
| | 357 | 1.4 | 0.13 | 749 | 12900 | 2.1 | 0.20 | 749 | 12900 | 2.5 | 0.25 | 749 | 12900 | 3.9 | 0.38 | 749 | 12900 | 7.8 | 0.39 | 402 | 12900 |
| | 377 | 1.3 | 0.12 | 749 | 12900 | 2.0 | 0.19 | 749 | 12900 | 2.4 | 0.25 | 749 | 12900 | 3.7 | 0.36 | 749 | 12900 | 7.4 | 0.39 | 424 | 12900 |
| | 425 | 1.2 | 0.11 | 749 | 12900 | 1.8 | 0.16 | 749 | 12900 | 2.1 | 0.22 | 749 | 12900 | 3.3 | 0.32 | 749 | 12900 | 6.6 | 0.39 | 478 | 12900 |
| | 473 | 1.1 | 0.10 | 749 | 12900 | 1.6 | 0.15 | 749 | 12900 | 1.9 | 0.20 | 749 | 12900 | 3.0 | 0.29 | 749 | 12900 | 5.9 | 0.39 | 533 | 12900 |
| | 525 | 1.0 | 0.09 | 749 | 12900 | 1.4 | 0.13 | 749 | 12900 | 1.7 | 0.18 | 749 | 12900 | 2.7 | 0.26 | 749 | 12900 | 5.3 | 0.39 | 591 | 12900 |
| | 559 | 0.9 | 0.08 | 749 | 12900 | 1.3 | 0.13 | 749 | 12900 | 1.6 | 0.17 | 749 | 12900 | 2.5 | 0.25 | 749 | 12900 | 5.0 | 0.39 | 629 | 12900 |
| | 595 | 0.8 | 0.08 | 749 | 12900 | 1.3 | 0.12 | 749 | 12900 | 1.5 | 0.16 | 749 | 12900 | 2.4 | 0.24 | 749 | 12900 | 4.7 | 0.39 | 670 | 12900 |
| 649 | 0.8 | 0.07 | 749 | 12900 | 1.2 | 0.11 | 749 | 12900 | 1.4 | 0.14 | 749 | 12900 | 2.2 | 0.22 | 749 | 12900 | 4.3 | 0.39 | 731 | 12900 | |
| 731 | 0.7 | 0.06 | 749 | 12900 | 1.0 | 0.10 | 749 | 12900 | 1.2 | 0.13 | 749 | 12900 | 1.9 | 0.19 | 749 | 12900 | 3.8 | 0.37 | 749 | 12900 | |
| 613/09  | 104 | 4.8 | 0.44 | 749 | 12900 | 7.2 | 0.66 | 749 | 12900 | 8.7 | 0.88 | 749 | 12900 | 13.5 | 1.32 | 749 | 12900 | 26.9 | 1.33 | 377 | 11900 |
| | 121 | 4.1 | 0.34 | 749 | 12900 | 6.2 | 0.52 | 749 | 12900 | 7.4 | 0.69 | 749 | 12900 | 11.6 | 1.03 | 749 | 12900 | 23.1 | 1.21 | 397 | 12500 |
| | 143 | 3.5 | 0.32 | 749 | 12900 | 5.2 | 0.48 | 749 | 12900 | 6.3 | 0.64 | 749 | 12900 | 9.8 | 0.96 | 749 | 12900 | 19.6 | 1.21 | 471 | 12900 |
| | 165 | 3.0 | 0.27 | 749 | 12900 | 4.5 | 0.42 | 749 | 12900 | 5.5 | 0.56 | 749 | 12900 | 8.5 | 0.83 | 749 | 12900 | 17.0 | 1.21 | 543 | 12900 |
| | 195 | 2.6 | 0.24 | 749 | 12900 | 3.8 | 0.35 | 749 | 12900 | 4.6 | 0.47 | 749 | 12900 | 7.2 | 0.71 | 749 | 12900 | 14.4 | 1.20 | 637 | 12900 |
| | 231 | 2.2 | 0.20 | 749 | 12900 | 3.2 | 0.29 | 749 | 12900 | 3.9 | 0.39 | 749 | 12900 | 6.1 | 0.60 | 749 | 12900 | 12.1 | 1.19 | 749 | 12900 |
| | 273 | 1.8 | 0.17 | 749 | 12900 | 2.7 | 0.25 | 749 | 12900 | 3.3 | 0.33 | 749 | 12900 | 5.1 | 0.50 | 749 | 12900 | 10.3 | 1.01 | 749 | 12900 |
| | 319 | 1.6 | 0.15 | 749 | 12900 | 2.4 | 0.22 | 749 | 12900 | 2.8 | 0.28 | 749 | 12900 | 4.4 | 0.43 | 749 | 12900 | 8.8 | 0.86 | 749 | 12900 |
| | 357 | 1.4 | 0.13 | 749 | 12900 | 2.1 | 0.20 | 749 | 12900 | 2.5 | 0.25 | 749 | 12900 | 3.9 | 0.38 | 749 | 12900 | 7.8 | 0.77 | 749 | 12900 |
| | 377 | 1.3 | 0.12 | 749 | 12900 | 2.0 | 0.19 | 749 | 12900 | 2.4 | 0.25 | 749 | 12900 | 3.7 | 0.36 | 749 | 12900 | 7.4 | 0.73 | 749 | 12900 |
| | 425 | 1.2 | 0.11 | 749 | 12900 | 1.8 | 0.16 | 749 | 12900 | 2.1 | 0.22 | 749 | 12900 | 3.3 | 0.32 | 749 | 12900 | 6.6 | 0.65 | 749 | 12900 |
| | 473 | 1.1 | 0.10 | 749 | 12900 | 1.6 | 0.15 | 749 | 12900 | 1.9 | 0.20 | 749 | 12900 | 3.0 | 0.29 | 749 | 12900 | 5.9 | 0.58 | 749 | 12900 |
| | 525 | 1.0 | 0.09 | 749 | 12900 | 1.4 | 0.13 | 749 | 12900 | 1.7 | 0.18 | 749 | 12900 | 2.7 | 0.26 | 749 | 12900 | 5.3 | 0.52 | 749 | 12900 |
| | 559 | 0.9 | 0.08 | 749 | 12900 | 1.3 | 0.13 | 749 | 12900 | 1.6 | 0.17 | 749 | 12900 | 2.5 | 0.25 | 749 | 12900 | 5.0 | 0.49 | 749 | 12900 |
| | 595 | 0.8 | 0.08 | 749 | 12900 | 1.3 | 0.12 | 749 | 12900 | 1.5 | 0.16 | 749 | 12900 | 2.4 | 0.24 | 749 | 12900 | 4.7 | 0.46 | 749 | 12900 |
| 649 | 0.8 | 0.07 | 749 | 12900 | 1.2 | 0.11 | 749 | 12900 | 1.4 | 0.14 | 749 | 12900 | 2.2 | 0.22 | 749 | 12900 | 4.3 | 0.42 | 749 | 12900 | |
| 731 | 0.7 | 0.06 | 749 | 12900 | 1.0 | 0.10 | 749 | 12900 | 1.2 | 0.13 | 749 | 12900 | 1.9 | 0.19 | 749 | 12900 | 3.8 | 0.37 | 749 | 12900 | |
| 613/10  | 104 | 4.8 | 0.44 | 749 | 12900 | 7.2 | 0.66 | 749 | 12900 | 8.7 | 0.88 | 749 | 12900 | 13.5 | 1.32 | 749 | 12900 | 26.9 | 2.65 | 749 | 11900 |
| | 121 | 4.1 | 0.34 | 749 | 12900 | 6.2 | 0.52 | 749 | 12900 | 7.4 | 0.69 | 749 | 12900 | 11.6 | 1.03 | 749 | 12900 | 23.1 | 2.27 | 749 | 12500 |
| | 143 | 3.5 | 0.32 | 749 | 12900 | 5.2 | 0.48 | 749 | 12900 | 6.3 | 0.64 | 749 | 12900 | 9.8 | 0.96 | 749 | 12900 | 19.6 | 1.92 | 749 | 12900 |
| | 165 | 3.0 | 0.27 | 749 | 12900 | 4.5 | 0.42 | 749 | 12900 | 5.5 | 0.56 | 749 | 12900 | 8.5 | 0.83 | 749 | 12900 | 17.0 | 1.67 | 749 | 12900 |
| | 195 | 2.6 | 0.24 | 749 | 12900 | 3.8 | 0.35 | 749 | 12900 | 4.6 | 0.47 | 749 | 12900 | 7.2 | 0.71 | 749 | 12900 | 14.4 | 1.41 | 749 | 12900 |
| | 231 | 2.2 | 0.20 | 749 | 12900 | 3.2 | 0.29 | 749 | 12900 | 3.9 | 0.39 | 749 | 12900 | 6.1 | 0.60 | 749 | 12900 | 12.1 | 1.19 | 749 | 12900 |
| | 273 | 1.8 | 0.17 | 749 | 12900 | 2.7 | 0.25 | 749 | 12900 | 3.3 | 0.33 | 749 | 12900 | 5.1 | 0.50 | 749 | 12900 | 10.3 | 1.01 | 749 | 12900 |
| | 319 | 1.6 | 0.15 | 749 | 12900 | 2.4 | 0.22 | 749 | 12900 | 2.8 | 0.28 | 749 | 12900 | 4.4 | 0.43 | 749 | 12900 | 8.8 | 0.86 | 749 | 12900 |
| | 357 | 1.4 | 0.13 | 749 | 12900 | 2.1 | 0.20 | 749 | 12900 | 2.5 | 0.25 | 749 | 12900 | 3.9 | 0.38 | 749 | 12900 | 7.8 | 0.77 | 749 | 12900 |
| | 377 | 1.3 | 0.12 | 749 | 12900 | 2.0 | 0.19 | 749 | 12900 | 2.4 | 0.25 | 749 | 12900 | 3.7 | 0.36 | 749 | 12900 | 7.4 | 0.73 | 749 | 12900 |
| | 425 | 1.2 | 0.11 | 749 | 12900 | 1.8 | 0.16 | 749 | 12900 | 2.1 | 0.22 | 749 | 12900 | 3.3 | 0.32 | 749 | 12900 | 6.6 | 0.65 | | |




| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | | | |
|---------------------------------------|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|--|
| | | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ | | |
| 614 194-195 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 11 | 45.5 | 4.61 | 891 | 12700 | 68.2 | 6.12 | 789 | 11300 | 81.8 | 7.49 | 804 | 10400 | 127.3 | 9.90 | 683 | 9160 | 254.5 | 9.90 | 342 | 7420 | | |
| | 13 | 38.5 | 4.39 | 1003 | 13400 | 57.7 | 5.90 | 899 | 11900 | 69.2 | 7.22 | 916 | 10900 | 107.7 | 9.59 | 782 | 9640 | 215.4 | 9.59 | 391 | 7810 | | |
| | 15 | 33.3 | 3.80 | 1002 | 14000 | 50.0 | 5.71 | 1003 | 12500 | 60.0 | 7.01 | 1026 | 11400 | 93.3 | 9.31 | 876 | 10100 | 186.7 | 9.31 | 438 | 8160 | | |
| | 17 | 29.4 | 3.35 | 1001 | 14400 | 44.1 | 5.04 | 1004 | 12900 | 52.9 | 6.72 | 1115 | 11900 | 82.4 | 9.11 | 972 | 10500 | 164.7 | 9.11 | 486 | 8470 | | |
| | 21 | 23.8 | 2.72 | 1004 | 14400 | 35.7 | 4.08 | 1004 | 13700 | 42.9 | 5.08 | 1041 | 12600 | 66.7 | 6.75 | 890 | 11200 | 133.3 | 6.75 | 445 | 9030 | | |
| | 25 | 20.0 | 2.28 | 1002 | 14400 | 30.0 | 3.42 | 1002 | 14400 | 36.0 | 4.40 | 1074 | 13300 | 56.0 | 5.85 | 918 | 11800 | 112.0 | 5.85 | 459 | 9520 | | |
| | 29 | 17.2 | 1.97 | 1004 | 14400 | 25.9 | 2.95 | 1002 | 14400 | 31.0 | 3.68 | 1042 | 13900 | 48.3 | 4.88 | 888 | 12300 | 96.6 | 4.88 | 444 | 10000 | | |
| | 35 | 14.3 | 1.63 | 1002 | 14400 | 21.4 | 2.44 | 1000 | 14400 | 25.7 | 3.26 | 1114 | 14400 | 40.0 | 4.65 | 1021 | 13000 | 80.0 | 4.65 | 511 | 10600 | | |
| | 43 | 11.6 | 1.32 | 997 | 14400 | 17.4 | 1.93 | 972 | 14400 | 20.9 | 2.36 | 991 | 14400 | 32.6 | 3.14 | 847 | 13800 | 65.1 | 3.14 | 424 | 11200 | | |
| | 51 | 9.8 | 1.12 | 1004 | 14400 | 14.7 | 1.68 | 1004 | 14400 | 17.6 | 2.24 | 1115 | 14400 | 27.5 | 2.94 | 941 | 14400 | 54.9 | 2.94 | 470 | 11900 | | |
| | 59 | 8.5 | 0.97 | 1006 | 14400 | 12.7 | 1.45 | 1002 | 14400 | 15.3 | 1.93 | 1112 | 14400 | 23.7 | 2.90 | 1074 | 14400 | 47.5 | 2.94 | 544 | 12400 | | |
| | 71 | 7.0 | 0.80 | 998 | 14400 | 10.6 | 1.21 | 1006 | 14400 | 12.7 | 1.57 | 1088 | 14400 | 19.7 | 2.09 | 931 | 14400 | 39.4 | 2.09 | 466 | 13000 | | |
| 87 | 5.7 | 0.66 | 1009 | 14400 | 8.6 | 0.98 | 999 | 14400 | 10.3 | 1.31 | 1113 | 14400 | 16.1 | 1.94 | 1059 | 14400 | 32.2 | 1.94 | 530 | 13900 | | | |
| 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 614/08 276-277 | 104 | 4.8 | 0.23 | 387 | 14400 | 7.2 | 0.30 | 336 | 14400 | 8.7 | 0.37 | 346 | 14400 | 13.5 | 0.39 | 234 | 14400 | 26.9 | 0.39 | 117 | 14400 | | |
| | 121 | 4.1 | 0.23 | 450 | 14400 | 6.2 | 0.30 | 391 | 14400 | 7.4 | 0.37 | 402 | 14400 | 11.6 | 0.39 | 272 | 14400 | 23.1 | 0.39 | 136 | 14400 | | |
| | 143 | 3.5 | 0.23 | 532 | 14400 | 5.2 | 0.30 | 462 | 14400 | 6.3 | 0.37 | 475 | 14400 | 9.8 | 0.39 | 322 | 14400 | 19.6 | 0.39 | 161 | 14400 | | |
| | 165 | 3.0 | 0.23 | 614 | 14400 | 4.5 | 0.30 | 533 | 14400 | 5.5 | 0.37 | 548 | 14400 | 8.5 | 0.39 | 372 | 14400 | 17.0 | 0.39 | 186 | 14400 | | |
| | 195 | 2.6 | 0.22 | 694 | 14400 | 3.8 | 0.30 | 630 | 14400 | 4.6 | 0.37 | 648 | 14400 | 7.2 | 0.39 | 439 | 14400 | 14.4 | 0.39 | 220 | 14400 | | |
| | 231 | 2.2 | 0.23 | 859 | 14400 | 3.2 | 0.30 | 747 | 14400 | 3.9 | 0.37 | 768 | 14400 | 6.1 | 0.39 | 520 | 14400 | 12.1 | 0.39 | 260 | 14400 | | |
| | 273 | 1.8 | 0.22 | 971 | 14400 | 2.7 | 0.30 | 883 | 14400 | 3.3 | 0.37 | 907 | 14400 | 5.1 | 0.39 | 615 | 14400 | 10.3 | 0.39 | 307 | 14400 | | |
| | 319 | 1.6 | 0.20 | 1010 | 14400 | 2.4 | 0.29 | 1010 | 14400 | 2.8 | 0.37 | 1010 | 14400 | 4.4 | 0.39 | 718 | 14400 | 8.8 | 0.39 | 359 | 14400 | | |
| | 357 | 1.4 | 0.17 | 981 | 14400 | 2.1 | 0.25 | 1010 | 14400 | 2.5 | 0.34 | 1010 | 14400 | 3.9 | 0.39 | 804 | 14400 | 7.8 | 0.39 | 402 | 14400 | | |
| | 377 | 1.3 | 0.17 | 1010 | 14400 | 2.0 | 0.25 | 1010 | 14400 | 2.4 | 0.32 | 1010 | 14400 | 3.7 | 0.39 | 849 | 14400 | 7.4 | 0.39 | 424 | 14400 | | |
| | 425 | 1.2 | 0.15 | 1010 | 14400 | 1.8 | 0.22 | 1010 | 14400 | 2.1 | 0.29 | 1010 | 14400 | 3.3 | 0.39 | 957 | 14400 | 6.6 | 0.39 | 478 | 14400 | | |
| | 473 | 1.1 | 0.13 | 1010 | 14400 | 1.6 | 0.20 | 1010 | 14400 | 1.9 | 0.26 | 1010 | 14400 | 3.0 | 0.39 | 1010 | 14400 | 5.9 | 0.39 | 533 | 14400 | | |
| | 525 | 1.0 | 0.12 | 1010 | 14400 | 1.4 | 0.18 | 1010 | 14400 | 1.7 | 0.24 | 1010 | 14400 | 2.7 | 0.35 | 1010 | 14400 | 5.3 | 0.39 | 591 | 14400 | | |
| | 559 | 0.9 | 0.11 | 1010 | 14400 | 1.3 | 0.17 | 1010 | 14400 | 1.6 | 0.23 | 1010 | 14400 | 2.5 | 0.33 | 1010 | 14400 | 5.0 | 0.39 | 629 | 14400 | | |
| 595 | 0.8 | 0.11 | 1010 | 14400 | 1.3 | 0.16 | 1010 | 14400 | 1.5 | 0.21 | 1010 | 14400 | 2.4 | 0.31 | 1010 | 14400 | 4.7 | 0.39 | 670 | 14400 | | | |
| 649 | 0.8 | 0.10 | 1010 | 14400 | 1.2 | 0.15 | 1010 | 14400 | 1.4 | 0.19 | 1010 | 14400 | 2.2 | 0.28 | 1010 | 14400 | 4.3 | 0.39 | 731 | 14400 | | | |
| 731 | 0.7 | 0.09 | 1010 | 14400 | 1.0 | 0.13 | 1010 | 14400 | 1.2 | 0.17 | 1010 | 14400 | 1.9 | 0.25 | 1010 | 14400 | 3.8 | 0.39 | 823 | 14400 | | | |
| 614/09 280-281 | 104 | 4.8 | 0.61 | 1010 | 14400 | 7.2 | 0.82 | 919 | 14400 | 8.7 | 1.01 | 943 | 14400 | 13.5 | 1.33 | 799 | 14400 | 26.9 | 1.33 | 399 | 14400 | | |
| | 121 | 4.1 | 0.48 | 1010 | 14400 | 6.2 | 0.71 | 1010 | 14400 | 7.4 | 0.91 | 989 | 14400 | 11.6 | 1.21 | 845 | 14400 | 23.1 | 1.21 | 423 | 14400 | | |
| | 143 | 3.5 | 0.44 | 1010 | 14400 | 5.2 | 0.65 | 1010 | 14400 | 6.3 | 0.86 | 1010 | 14400 | 9.8 | 1.21 | 999 | 14400 | 19.6 | 1.21 | 500 | 14400 | | |
| | 165 | 3.0 | 0.38 | 1010 | 14400 | 4.5 | 0.56 | 1010 | 14400 | 5.5 | 0.75 | 1010 | 14400 | 8.5 | 1.12 | 1010 | 14400 | 17.0 | 1.21 | 576 | 14400 | | |
| | 195 | 2.6 | 0.32 | 1010 | 14400 | 3.8 | 0.47 | 1010 | 14400 | 4.6 | 0.64 | 1010 | 14400 | 7.2 | 0.95 | 1010 | 14400 | 14.4 | 1.20 | 676 | 14400 | | |
| | 231 | 2.2 | 0.27 | 1010 | 14400 | 3.2 | 0.40 | 1010 | 14400 | 3.9 | 0.53 | 1010 | 14400 | 6.1 | 0.80 | 1010 | 14400 | 12.1 | 1.21 | 807 | 14400 | | |
| | 273 | 1.8 | 0.23 | 1010 | 14400 | 2.7 | 0.34 | 1010 | 14400 | 3.3 | 0.45 | 1010 | 14400 | 5.1 | 0.68 | 1010 | 14400 | 10.3 | 1.20 | 946 | 14400 | | |
| | 319 | 1.6 | 0.20 | 1010 | 14400 | 2.4 | 0.29 | 1010 | 14400 | 2.8 | 0.38 | 1010 | 14400 | 4.4 | 0.58 | 1010 | 14400 | 8.8 | 1.16 | 1010 | 14400 | | |
| | 357 | 1.4 | 0.18 | 1010 | 14400 | 2.1 | 0.25 | 1010 | 14400 | 2.5 | 0.34 | 1010 | 14400 | 3.9 | 0.52 | 1010 | 14400 | 7.8 | 1.04 | 1010 | 14400 | | |
| | 377 | 1.3 | 0.17 | 1010 | 14400 | 2.0 | 0.25 | 1010 | 14400 | 2.4 | 0.32 | 1010 | 14400 | 3.7 | 0.49 | 1010 | 14400 | 7.4 | 0.98 | 1010 | 14400 | | |
| | 425 | 1.2 | 0.15 | 1010 | 14400 | 1.8 | 0.22 | 1010 | 14400 | 2.1 | 0.29 | 1010 | 14400 | 3.3 | 0.43 | 1010 | 14400 | 6.6 | 0.87 | 1010 | 14400 | | |
| | 473 | 1.1 | 0.13 | 1010 | 14400 | 1.6 | 0.20 | 1010 | 14400 | 1.9 | 0.26 | 1010 | 14400 | 3.0 | 0.39 | 1010 | 14400 | 5.9 | 0.75 | 1010 | 14400 | | |
| | 525 | 1.0 | 0.12 | 1010 | 14400 | 1.4 | 0.18 | 1010 | 14400 | 1.7 | 0.24 | 1010 | 14400 | 2.7 | 0.35 | 1010 | 14400 | 5.3 | 0.71 | 1010 | 14400 | | |
| | 559 | 0.9 | 0.11 | 1010 | 14400 | 1.3 | 0.17 | 1010 | 14400 | 1.6 | 0.23 | 1010 | 14400 | 2.5 | 0.33 | 1010 | 14400 | 5.0 | 0.67 | 1010 | 14400 | | |
| 595 | 0.8 | 0.11 | 1010 | 14400 | 1.3 | 0.16 | 1010 | 14400 | 1.5 | 0.21 | 1010 | 14400 | 2.4 | 0.31 | 1010 | 14400 | 4.7 | 0.62 | 1010 | 14400 | | | |
| 649 | 0.8 | 0.10 | 1010 | 14400 | 1.2 | 0.15 | 1010 | 14400 | 1.4 | 0.19 | 1010 | 14400 | 2.2 | 0.28 | 1010 | 14400 | 4.3 | 0.57 | 1010 | 14400 | | | |
| 731 | 0.7 | 0.09 | 1010 | 14400 | 1.0 | 0.13 | 1010 | 14400 | 1.2 | 0.17 | 1010 | 14400 | 1.9 | 0.25 | 1010 | 14400 | 3.8 | 0.51 | 1010 | 14400 | | | |
| 614/10 284-285 | 104 | 4.8 | 0.61 | 1010 | 14400 | 7.2 | 0.89 | 1010 | 14400 | 8.7 | 1.19 | 1010 | 14400 | 13.5 | 1.78 | 1010 | 14400 | 26.9 | 2.70 | 764 | 14400 | | |
| | 121 | 4.1 | 0.48 | 1010 | 14400 | 6.2 | 0.71 | 1010 | 14400 | 7.4 | 0.94 | 1010 | 14400 | 11.6 | 1.41 | 1010 | 14400 | 23.1 | 2.64 | 870 | 14400 | | |
| | 143 | 3.5 | 0.44 | 1010 | 14400 | 5.2 | 0.65 | 1010 | 14400 | 6.3 | 0.86 | 1010 | 14400 | | | | | | | | | | |

| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | |
|--|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|
| | | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} |
| 615  198-199 | 6 | 83.3 | 5.62 | 593 | 12500 | 125.0 | 7.94 | 558 | 11000 | 150.0 | 9.71 | 569 | 10100 | 233.3 | 12.90 | 486 | 8900 | 466.7 | 12.90 | 243 | 7220 |
| | 8 | 62.5 | 5.64 | 793 | 13500 | 93.8 | 7.94 | 744 | 12000 | 112.5 | 9.71 | 758 | 11000 | 175.0 | 12.90 | 648 | 9720 | 350.0 | 12.90 | 324 | 7870 |
| | 11 | 45.5 | 5.19 | 1003 | 14900 | 68.2 | 7.78 | 1003 | 13200 | 81.8 | 9.71 | 1043 | 12100 | 127.3 | 12.90 | 891 | 10700 | 254.5 | 12.90 | 445 | 8670 |
| | 13 | 38.5 | 4.39 | 1003 | 15400 | 57.7 | 6.20 | 944 | 13900 | 69.2 | 7.58 | 962 | 12700 | 107.7 | 10.10 | 824 | 11300 | 215.4 | 10.10 | 412 | 9120 |
| | 15 | 33.3 | 3.80 | 1002 | 15400 | 50.0 | 5.71 | 1003 | 14500 | 60.0 | 7.52 | 1101 | 13300 | 93.3 | 10.00 | 941 | 11800 | 186.7 | 10.00 | 471 | 9520 |
| | 17 | 29.4 | 3.35 | 1001 | 15400 | 44.1 | 5.04 | 1004 | 15100 | 52.9 | 6.72 | 1115 | 13800 | 82.4 | 9.11 | 972 | 12200 | 164.7 | 9.11 | 486 | 9900 |
| | 21 | 23.8 | 2.72 | 1004 | 15400 | 35.7 | 4.08 | 1004 | 15400 | 42.9 | 5.35 | 1097 | 14700 | 66.7 | 7.11 | 937 | 13000 | 133.3 | 7.11 | 469 | 10600 |
| | 25 | 20.0 | 2.28 | 1002 | 15400 | 30.0 | 3.42 | 1002 | 15400 | 36.0 | 4.57 | 1115 | 15400 | 56.0 | 6.75 | 1059 | 13700 | 112.0 | 6.75 | 530 | 11100 |
| | 29 | 17.2 | 1.97 | 1004 | 15400 | 25.9 | 2.95 | 1002 | 15400 | 31.0 | 3.93 | 1113 | 15400 | 48.3 | 5.82 | 1059 | 14300 | 96.6 | 5.82 | 530 | 11700 |
| | 35 | 14.3 | 1.63 | 1002 | 15400 | 21.4 | 2.44 | 1000 | 15400 | 25.7 | 3.26 | 1114 | 15400 | 40.0 | 4.89 | 1074 | 15200 | 80.0 | 4.89 | 537 | 12400 |
| | 43 | 11.6 | 1.32 | 997 | 15400 | 17.4 | 1.99 | 1002 | 15400 | 20.9 | 2.66 | 1117 | 15400 | 32.6 | 3.92 | 1058 | 15400 | 65.1 | 3.92 | 529 | 13100 |
| | 51 | 9.8 | 1.12 | 1004 | 15400 | 14.7 | 1.68 | 1004 | 15400 | 17.6 | 2.24 | 1115 | 15400 | 27.5 | 3.35 | 1072 | 15400 | 54.9 | 3.35 | 536 | 13800 |
| | 59 | 8.5 | 0.97 | 1006 | 15400 | 12.7 | 1.45 | 1002 | 15400 | 15.3 | 1.93 | 1112 | 15400 | 23.7 | 2.90 | 1074 | 15400 | 47.5 | 2.90 | 537 | 14400 |
| | 71 | 7.0 | 0.80 | 998 | 15400 | 10.6 | 1.21 | 1006 | 15400 | 12.7 | 1.61 | 1116 | 15400 | 19.7 | 2.30 | 1025 | 15400 | 39.4 | 2.30 | 512 | 15300 |
| | 87 | 5.7 | 0.66 | 1009 | 15400 | 8.6 | 0.98 | 999 | 15400 | 10.3 | 1.31 | 1113 | 15400 | 16.1 | 1.97 | 1076 | 15400 | 32.2 | 1.97 | 538 | 15400 |
| | 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |




| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | | |
|---|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|-------|
| | | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ | |
| 616 202-203 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 8 | 62.5 | 9.28 | 1305 | 14800 | 93.8 | 12.40 | 1162 | 12900 | 112.5 | 15.10 | 1179 | 11800 | 175.0 | 17.70 | 889 | 10300 | 350.0 | 18.00 | 452 | 8170 | 8170 |
| | 11 | 45.5 | 7.66 | 1481 | 16400 | 68.2 | 11.50 | 1482 | 14300 | 81.8 | 15.10 | 1622 | 13000 | 127.3 | 17.70 | 1222 | 11400 | 254.5 | 18.00 | 621 | 9080 | 9080 |
| | 13 | 38.5 | 7.74 | 1768 | 17400 | 57.7 | 10.50 | 1599 | 15200 | 69.2 | 12.80 | 1624 | 13800 | 107.7 | 17.10 | 1395 | 12100 | 215.4 | 17.40 | 710 | 9590 | 9590 |
| | 15 | 33.3 | 6.71 | 1769 | 18100 | 50.0 | 9.05 | 1590 | 15900 | 60.0 | 11.10 | 1625 | 14400 | 93.3 | 14.70 | 1384 | 12600 | 186.7 | 15.00 | 706 | 10100 | 10100 |
| | 17 | 29.4 | 5.91 | 1765 | 18900 | 44.1 | 8.87 | 1766 | 16600 | 52.9 | 11.30 | 1875 | 15100 | 82.4 | 15.00 | 1600 | 13100 | 164.7 | 15.30 | 816 | 10500 | 10500 |
| | 21 | 23.8 | 4.78 | 1764 | 19200 | 35.7 | 7.19 | 1769 | 17700 | 42.9 | 9.58 | 1964 | 16200 | 66.7 | 13.20 | 1740 | 14100 | 133.3 | 13.50 | 890 | 11300 | 11300 |
| | 25 | 20.0 | 4.02 | 1766 | 19200 | 30.0 | 6.03 | 1766 | 18800 | 36.0 | 8.05 | 1965 | 17200 | 56.0 | 11.50 | 1804 | 15000 | 112.0 | 11.70 | 918 | 11900 | 11900 |
| | 29 | 17.2 | 3.47 | 1768 | 19200 | 25.9 | 5.21 | 1770 | 19200 | 31.0 | 6.93 | 1962 | 17900 | 48.3 | 9.67 | 1760 | 15700 | 96.6 | 9.86 | 897 | 12500 | 12500 |
| | 35 | 14.3 | 2.87 | 1765 | 19200 | 21.4 | 4.31 | 1767 | 19200 | 25.7 | 5.75 | 1965 | 19100 | 40.0 | 8.62 | 1893 | 16800 | 80.0 | 8.79 | 965 | 13300 | 13300 |
| | 43 | 11.6 | 2.34 | 1768 | 19200 | 17.4 | 3.51 | 1768 | 19200 | 20.9 | 4.68 | 1965 | 19200 | 32.6 | 6.70 | 1808 | 17900 | 65.1 | 6.83 | 922 | 14200 | 14200 |
| | 51 | 9.8 | 1.97 | 1765 | 19200 | 14.7 | 2.96 | 1768 | 19200 | 17.6 | 3.94 | 1962 | 19200 | 27.5 | 5.64 | 1805 | 18900 | 54.9 | 5.75 | 920 | 15100 | 15100 |
| | 59 | 8.5 | 1.71 | 1773 | 19200 | 12.7 | 2.56 | 1769 | 19200 | 15.3 | 3.41 | 1964 | 19200 | 23.7 | 4.88 | 1807 | 19200 | 47.5 | 4.98 | 922 | 15800 | 15800 |
| | 71 | 7.0 | 1.41 | 1759 | 19200 | 10.6 | 2.13 | 1772 | 19200 | 12.7 | 2.83 | 1962 | 19200 | 19.7 | 4.05 | 1805 | 19200 | 39.4 | 4.13 | 920 | 16800 | 16800 |
| 87 | 5.7 | 1.16 | 1773 | 19200 | 8.6 | 1.74 | 1773 | 19200 | 10.3 | 2.31 | 1962 | 19200 | 16.1 | 3.30 | 1802 | 19200 | 32.2 | 3.37 | 920 | 17900 | 17900 | |
| 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 616/09 288-289 | 104 | 4.8 | 0.62 | 1040 | 19200 | 7.2 | 0.82 | 919 | 19200 | 8.7 | 1.01 | 943 | 19200 | 13.5 | 1.33 | 799 | 19200 | 26.9 | 1.33 | 399 | 19000 | 19000 |
| | 121 | 4.1 | 0.54 | 1060 | 19200 | 6.2 | 0.75 | 978 | 19200 | 7.4 | 0.91 | 989 | 19200 | 11.6 | 1.21 | 845 | 19200 | 23.1 | 1.21 | 423 | 19200 | 19200 |
| | 143 | 3.5 | 0.54 | 1250 | 19200 | 5.2 | 0.75 | 1160 | 19200 | 6.3 | 0.91 | 1170 | 19200 | 9.8 | 1.21 | 999 | 19200 | 19.6 | 1.21 | 500 | 19200 | 19200 |
| | 165 | 3.0 | 0.54 | 1440 | 19200 | 4.5 | 0.75 | 1330 | 19200 | 5.5 | 0.91 | 1350 | 19200 | 8.5 | 1.21 | 1150 | 19200 | 17.0 | 1.21 | 576 | 19200 | 19200 |
| | 195 | 2.6 | 0.46 | 1450 | 19200 | 3.8 | 0.69 | 1450 | 19200 | 4.6 | 0.90 | 1580 | 19200 | 7.2 | 1.20 | 1350 | 19200 | 14.4 | 1.20 | 676 | 19200 | 19200 |
| | 231 | 2.2 | 0.47 | 1780 | 19200 | 3.2 | 0.71 | 1780 | 19200 | 3.9 | 0.91 | 1780 | 19200 | 6.1 | 1.21 | 1610 | 19200 | 12.1 | 1.21 | 807 | 19200 | 19200 |
| | 273 | 1.8 | 0.40 | 1780 | 19200 | 2.7 | 0.60 | 1780 | 19200 | 3.3 | 0.79 | 1780 | 19200 | 5.1 | 1.20 | 1780 | 19200 | 10.3 | 1.20 | 946 | 19200 | 19200 |
| | 319 | 1.6 | 0.34 | 1780 | 19200 | 2.4 | 0.51 | 1780 | 19200 | 2.8 | 0.69 | 1780 | 19200 | 4.4 | 1.02 | 1780 | 19200 | 8.8 | 1.21 | 1110 | 19200 | 19200 |
| | 357 | 1.4 | 0.30 | 1780 | 19200 | 2.1 | 0.46 | 1780 | 19200 | 2.5 | 0.61 | 1780 | 19200 | 3.9 | 0.91 | 1780 | 19200 | 7.8 | 1.07 | 1100 | 19200 | 19200 |
| | 377 | 1.3 | 0.28 | 1780 | 19200 | 2.0 | 0.43 | 1780 | 19200 | 2.4 | 0.58 | 1780 | 19200 | 3.7 | 0.86 | 1780 | 19200 | 7.4 | 1.20 | 1310 | 19200 | 19200 |
| | 425 | 1.2 | 0.25 | 1780 | 19200 | 1.8 | 0.38 | 1780 | 19200 | 2.1 | 0.51 | 1780 | 19200 | 3.3 | 0.76 | 1780 | 19200 | 6.6 | 1.07 | 1310 | 19200 | 19200 |
| | 473 | 1.1 | 0.23 | 1780 | 19200 | 1.6 | 0.34 | 1780 | 19200 | 1.9 | 0.46 | 1780 | 19200 | 3.0 | 0.69 | 1780 | 19200 | 5.9 | 1.21 | 1650 | 19200 | 19200 |
| | 525 | 1.0 | 0.21 | 1780 | 19200 | 1.4 | 0.31 | 1780 | 19200 | 1.7 | 0.41 | 1780 | 19200 | 2.7 | 0.62 | 1780 | 19200 | 5.3 | 1.21 | 1780 | 19200 | 19200 |
| | 559 | 0.9 | 0.20 | 1780 | 19200 | 1.3 | 0.29 | 1780 | 19200 | 1.6 | 0.39 | 1780 | 19200 | 2.5 | 0.59 | 1780 | 19200 | 5.0 | 1.17 | 1780 | 19200 | 19200 |
| 595 | 0.8 | 0.19 | 1780 | 19200 | 1.3 | 0.27 | 1780 | 19200 | 1.5 | 0.36 | 1780 | 19200 | 2.4 | 0.55 | 1780 | 19200 | 4.7 | 1.07 | 1780 | 19200 | 19200 | |
| 649 | 0.8 | 0.17 | 1780 | 19200 | 1.2 | 0.25 | 1780 | 19200 | 1.4 | 0.33 | 1780 | 19200 | 2.2 | 0.50 | 1780 | 19200 | 4.3 | 1.01 | 1780 | 19200 | 19200 | |
| 731 | 0.7 | 0.15 | 1780 | 19200 | 1.0 | 0.23 | 1780 | 19200 | 1.2 | 0.29 | 1780 | 19200 | 1.9 | 0.45 | 1780 | 19200 | 3.8 | 0.89 | 1780 | 19200 | 19200 | |
| 616/10 292-293 | 104 | 4.8 | 1.05 | 1780 | 19200 | 7.2 | 1.57 | 1780 | 19200 | 8.7 | 2.03 | 1725 | 19200 | 13.5 | 2.70 | 1530 | 19200 | 26.9 | 2.70 | 764 | 19000 | 19000 |
| | 121 | 4.1 | 0.75 | 1780 | 19200 | 6.2 | 1.13 | 1780 | 19200 | 7.4 | 1.51 | 1725 | 19200 | 11.6 | 2.25 | 1490 | 19200 | 23.1 | 2.70 | 888 | 19200 | 19200 |
| | 143 | 3.5 | 0.76 | 1780 | 19200 | 5.2 | 1.14 | 1780 | 19200 | 6.3 | 1.52 | 1780 | 19200 | 9.8 | 2.28 | 1780 | 19200 | 19.6 | 2.70 | 1050 | 19200 | 19200 |
| | 165 | 3.0 | 0.66 | 1780 | 19200 | 4.5 | 0.99 | 1780 | 19200 | 5.5 | 1.31 | 1780 | 19200 | 8.5 | 1.98 | 1780 | 19200 | 17.0 | 2.70 | 1220 | 19200 | 19200 |
| | 195 | 2.6 | 0.56 | 1780 | 19200 | 3.8 | 0.83 | 1780 | 19200 | 4.6 | 1.12 | 1780 | 19200 | 7.2 | 1.68 | 1780 | 19200 | 14.4 | 2.64 | 1400 | 19200 | 19200 |
| | 231 | 2.2 | 0.47 | 1780 | 19200 | 3.2 | 0.71 | 1780 | 19200 | 3.9 | 0.94 | 1780 | 19200 | 6.1 | 1.41 | 1780 | 19200 | 12.1 | 2.70 | 1700 | 19200 | 19200 |
| | 273 | 1.8 | 0.40 | 1780 | 19200 | 2.7 | 0.60 | 1780 | 19200 | 3.3 | 0.79 | 1780 | 19200 | 5.1 | 1.20 | 1780 | 19200 | 10.3 | 2.39 | 1780 | 19200 | 19200 |
| | 319 | 1.6 | 0.34 | 1780 | 19200 | 2.4 | 0.51 | 1780 | 19200 | 2.8 | 0.69 | 1780 | 19200 | 4.4 | 1.02 | 1780 | 19200 | 8.8 | 2.05 | 1780 | 19200 | 19200 |
| | 357 | 1.4 | 0.30 | 1780 | 19200 | 2.1 | 0.46 | 1780 | 19200 | 2.5 | 0.61 | 1780 | 19200 | 3.9 | 0.91 | 1780 | 19200 | 7.8 | 1.82 | 1780 | 19200 | 19200 |
| | 377 | 1.3 | 0.28 | 1780 | 19200 | 2.0 | 0.43 | 1780 | 19200 | 2.4 | 0.58 | 1780 | 19200 | 3.7 | 0.86 | 1780 | 19200 | 7.4 | 1.73 | 1780 | 19200 | 19200 |
| | 425 | 1.2 | 0.25 | 1780 | 19200 | 1.8 | 0.38 | 1780 | 19200 | 2.1 | 0.51 | 1780 | 19200 | 3.3 | 0.76 | 1780 | 19200 | 6.6 | 1.54 | 1780 | 19200 | 19200 |
| | 473 | 1.1 | 0.23 | 1780 | 19200 | 1.6 | 0.34 | 1780 | 19200 | 1.9 | 0.46 | 1780 | 19200 | 3.0 | 0.69 | 1780 | 19200 | 5.9 | 1.38 | 1780 | 19200 | 19200 |
| | 525 | 1.0 | 0.21 | 1780 | 19200 | 1.4 | 0.31 | 1780 | 19200 | 1.7 | 0.41 | 1780 | 19200 | 2.7 | 0.62 | 1780 | 19200 | 5.3 | 1.25 | 1780 | 19200 | 19200 |
| | 559 | 0.9 | 0.20 | 1780 | 19200 | 1.3 | 0.29 | 1780 | 19200 | 1.6 | 0.39 | 1780 | 19200 | 2.5 | 0.59 | 1780 | 19200 | 5.0 | 1.17 | 1780 | 19200 | 19200 |
| 595 | 0.8 | 0.19 | 1780 | 19200 | 1.3 | 0.27 | 1780 | 19200 | 1.5 | 0.36 | 1780 | 19200 | 2.4 | 0.55 | 1780 | 19200 | 4.7 | 1.10 | 1780 | 19200 | 19200 | |
| 649 | 0.8 | 0.17 | 1780 | 19200 | 1.2 | 0.25 | 1780 | 19200 | 1.4 | 0.33 | 1780 | 19200 | 2.2 | 0.50 | 1780 | 19200 | 4.3 | 1.01 | 1780 | 19200 | 19200 | |
| 731 | 0.7 | 0.15 | 1780 | 19200 | 1.0 | 0.23 | 1780 | 19200 | 1.2 | 0.29 | 1780 | 19200 | 1.9 | 0.45 | 1780 | 19200 | 3.8 | 0.89 | 1780 | 19200 | 19200 | |
| 616/11 296-297 | 104 | 4.8 | 1.05 | 1780 | 19200 | 7.2 | 1.57 | 1780 | 19200 | 8.7 | 2.03 | 1780 | 19200 | 13.5 | 3.14 | 1530 | 19200 | 26.9 | 4.97 | 1410 | 19000 | 19000 |
| | 121 | 4.1 | 0.75 | 1780 | 19200 | 6.2 | 1.13 | 1780 | 19200 | 7.4 | 1.51 | 1780 | | | | | | | | | | |

| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | | |
|---|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|
| | | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ | |
| 617  | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 11 | 45.5 | 12.50 | 2416 | 19500 | 68.2 | 16.60 | 2139 | 17000 | 81.8 | 20.30 | 2180 | 15500 | 127.3 | 27.00 | 1864 | 13500 | - | - | - | - | - |
| | 13 | 38.5 | 11.70 | 2673 | 20600 | 57.7 | 16.50 | 2513 | 17900 | 69.2 | 20.10 | 2551 | 16400 | 107.7 | 26.80 | 2186 | 14300 | - | - | - | - | - |
| | 15 | 33.3 | 10.10 | 2662 | 21600 | 50.0 | 13.90 | 2443 | 18800 | 60.0 | 17.10 | 2504 | 17200 | 93.3 | 22.70 | 2137 | 15000 | - | - | - | - | - |
| | 17 | 29.4 | 8.94 | 2671 | 22500 | 44.1 | 11.90 | 2370 | 19700 | 52.9 | 14.50 | 2406 | 17800 | 82.4 | 19.30 | 2059 | 15600 | - | - | - | - | - |
| | 21 | 23.8 | 7.25 | 2675 | 24100 | 35.7 | 10.90 | 2681 | 21100 | 42.9 | 13.80 | 2829 | 19200 | 66.7 | 18.40 | 2425 | 16800 | - | - | - | - | - |
| | 25 | 20.0 | 6.09 | 2675 | 25600 | 30.0 | 9.13 | 2674 | 22400 | 36.0 | 11.70 | 2855 | 20300 | 56.0 | 15.50 | 2432 | 17700 | - | - | - | - | - |
| | 29 | 17.2 | 5.25 | 2675 | 26900 | 25.9 | 7.87 | 2674 | 23500 | 31.0 | 10.50 | 2973 | 21400 | 48.3 | 14.20 | 2584 | 18600 | - | - | - | - | - |
| | 35 | 14.3 | 4.35 | 2675 | 27000 | 21.4 | 6.52 | 2673 | 25000 | 25.7 | 8.70 | 2973 | 22700 | 40.0 | 12.40 | 2724 | 19900 | - | - | - | - | - |
| | 43 | 11.6 | 3.54 | 2675 | 27000 | 17.4 | 5.31 | 2675 | 26800 | 20.9 | 6.92 | 2905 | 24300 | 32.6 | 9.20 | 2483 | 21300 | - | - | - | - | - |
| | 51 | 9.8 | 2.98 | 2671 | 27000 | 14.7 | 4.48 | 2677 | 27000 | 17.6 | 5.97 | 2972 | 25800 | 27.5 | 8.23 | 2634 | 22500 | - | - | - | - | - |
| | 59 | 8.5 | 2.58 | 2675 | 27000 | 12.7 | 3.87 | 2675 | 27000 | 15.3 | 5.16 | 2972 | 27000 | 23.7 | 7.04 | 2607 | 23600 | - | - | - | - | - |
| 71 | 7.0 | 2.15 | 2682 | 27000 | 10.6 | 3.22 | 2678 | 27000 | 12.7 | 4.28 | 2967 | 27000 | 19.7 | 5.94 | 2647 | 25100 | - | - | - | - | - | |
| 87 | 5.7 | 1.75 | 2675 | 27000 | 8.6 | 2.63 | 2680 | 27000 | 10.3 | 3.50 | 2973 | 27000 | 16.1 | 4.76 | 2599 | 26900 | - | - | - | - | - | |
| 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 617/09  | 104 | 4.8 | 0.62 | 1040 | 27000 | 7.2 | 0.82 | 919 | 27000 | 8.7 | 1.01 | 943 | 27000 | 13.5 | 1.33 | 799 | 27000 | 26.9 | 1.33 | 399 | 22600 | |
| | 121 | 4.1 | 0.54 | 1060 | 27000 | 6.2 | 0.75 | 978 | 27000 | 7.4 | 0.91 | 989 | 27000 | 11.6 | 1.21 | 845 | 27000 | 23.1 | 1.21 | 423 | 23800 | |
| | 143 | 3.5 | 0.54 | 1250 | 27000 | 5.2 | 0.75 | 1160 | 27000 | 6.3 | 0.91 | 1170 | 27000 | 9.8 | 1.21 | 999 | 27000 | 19.6 | 1.21 | 500 | 25200 | |
| | 165 | 3.0 | 0.54 | 1440 | 27000 | 4.5 | 0.75 | 1330 | 27000 | 5.5 | 0.91 | 1350 | 27000 | 8.5 | 1.21 | 1150 | 27000 | 17.0 | 1.21 | 576 | 26500 | |
| | 195 | 2.6 | 0.46 | 1450 | 27000 | 3.8 | 0.69 | 1450 | 27000 | 4.6 | 0.90 | 1580 | 27000 | 7.2 | 1.20 | 1350 | 27000 | 14.4 | 1.20 | 676 | 27000 | |
| | 231 | 2.2 | 0.54 | 2020 | 27000 | 3.2 | 0.75 | 1870 | 27000 | 3.9 | 0.91 | 1890 | 27000 | 6.1 | 1.21 | 1610 | 27000 | 12.1 | 1.21 | 807 | 27000 | |
| | 273 | 1.8 | 0.43 | 1900 | 27000 | 2.7 | 0.69 | 2030 | 27000 | 3.3 | 0.90 | 2210 | 27000 | 5.1 | 1.20 | 1890 | 27000 | 10.3 | 1.20 | 946 | 27000 | |
| | 319 | 1.6 | 0.52 | 2690 | 27000 | 2.4 | 0.75 | 2580 | 27000 | 2.8 | 0.91 | 2610 | 27000 | 4.4 | 1.21 | 2230 | 27000 | 8.8 | 1.21 | 1110 | 27000 | |
| | 357 | 1.4 | 0.41 | 2370 | 27000 | 2.1 | 0.63 | 2420 | 27000 | 2.5 | 0.80 | 2570 | 27000 | 3.9 | 1.07 | 2200 | 27000 | 7.8 | 1.07 | 1100 | 27000 | |
| | 377 | 1.3 | 0.44 | 2690 | 27000 | 2.0 | 0.66 | 2690 | 27000 | 2.4 | 0.87 | 2690 | 27000 | 3.7 | 1.20 | 2610 | 27000 | 7.4 | 1.20 | 1310 | 27000 | |
| | 425 | 1.2 | 0.38 | 2690 | 27000 | 1.8 | 0.58 | 2690 | 27000 | 2.1 | 0.77 | 2690 | 27000 | 3.3 | 1.07 | 2630 | 27000 | 6.6 | 1.07 | 1310 | 27000 | |
| | 473 | 1.1 | 0.34 | 2690 | 27000 | 1.6 | 0.52 | 2690 | 27000 | 1.9 | 0.70 | 2690 | 27000 | 3.0 | 1.04 | 2690 | 27000 | 5.9 | 1.21 | 1650 | 27000 | |
| | 525 | 1.0 | 0.31 | 2690 | 27000 | 1.4 | 0.47 | 2690 | 27000 | 1.7 | 0.63 | 2690 | 27000 | 2.7 | 0.94 | 2690 | 27000 | 5.3 | 1.21 | 1830 | 27000 | |
| | 559 | 0.9 | 0.29 | 2690 | 27000 | 1.3 | 0.44 | 2690 | 27000 | 1.6 | 0.59 | 2690 | 27000 | 2.5 | 0.88 | 2690 | 27000 | 5.0 | 1.20 | 1940 | 27000 | |
| | 595 | 0.8 | 0.27 | 2690 | 27000 | 1.3 | 0.41 | 2690 | 27000 | 1.5 | 0.55 | 2690 | 27000 | 2.4 | 0.83 | 2690 | 27000 | 4.7 | 1.07 | 1840 | 27000 | |
| 649 | 0.8 | 0.25 | 2690 | 27000 | 1.2 | 0.38 | 2690 | 27000 | 1.4 | 0.51 | 2690 | 27000 | 2.2 | 0.76 | 2690 | 27000 | 4.3 | 1.21 | 2270 | 27000 | | |
| 731 | 0.7 | 0.23 | 2690 | 27000 | 1.0 | 0.33 | 2690 | 27000 | 1.2 | 0.45 | 2690 | 27000 | 1.9 | 0.68 | 2690 | 27000 | 3.8 | 1.07 | 2260 | 27000 | | |
| 617/10  | 104 | 4.8 | 1.25 | 2100 | 27000 | 7.2 | 1.66 | 1860 | 27000 | 8.7 | 2.03 | 1900 | 27000 | 13.5 | 2.70 | 1620 | 27000 | 26.9 | 2.70 | 811 | 22600 | |
| | 121 | 4.1 | 1.04 | 2030 | 27000 | 6.2 | 1.56 | 2030 | 27000 | 7.4 | 2.03 | 2210 | 27000 | 11.6 | 2.70 | 1890 | 27000 | 23.1 | 2.70 | 943 | 23800 | |
| | 143 | 3.5 | 1.04 | 2400 | 27000 | 5.2 | 1.56 | 2400 | 27000 | 6.3 | 2.03 | 2610 | 27000 | 9.8 | 2.70 | 2230 | 27000 | 19.6 | 2.70 | 1120 | 25200 | |
| | 165 | 3.0 | 1.00 | 2690 | 27000 | 4.5 | 1.50 | 2690 | 27000 | 5.5 | 1.99 | 2690 | 27000 | 8.5 | 2.70 | 2570 | 27000 | 17.0 | 2.70 | 1290 | 26500 | |
| | 195 | 2.6 | 0.84 | 2690 | 27000 | 3.8 | 1.26 | 2690 | 27000 | 4.6 | 1.69 | 2690 | 27000 | 7.2 | 2.53 | 2690 | 27000 | 14.4 | 2.64 | 1490 | 27000 | |
| | 231 | 2.2 | 0.72 | 2690 | 27000 | 3.2 | 1.07 | 2690 | 27000 | 3.9 | 1.42 | 2690 | 27000 | 6.1 | 2.14 | 2690 | 27000 | 12.1 | 2.70 | 1800 | 27000 | |
| | 273 | 1.8 | 0.60 | 2690 | 27000 | 2.7 | 0.90 | 2690 | 27000 | 3.3 | 1.21 | 2690 | 27000 | 5.1 | 1.80 | 2690 | 27000 | 10.3 | 2.64 | 2080 | 27000 | |
| | 319 | 1.6 | 0.52 | 2690 | 27000 | 2.4 | 0.77 | 2690 | 27000 | 2.8 | 1.03 | 2690 | 27000 | 4.4 | 1.55 | 2690 | 27000 | 8.8 | 2.70 | 2490 | 27000 | |
| | 357 | 1.4 | 0.46 | 2690 | 27000 | 2.1 | 0.70 | 2690 | 27000 | 2.5 | 0.92 | 2690 | 27000 | 3.9 | 1.38 | 2690 | 27000 | 7.8 | 2.16 | 2230 | 27000 | |
| | 377 | 1.3 | 0.44 | 2690 | 27000 | 2.0 | 0.66 | 2690 | 27000 | 2.4 | 0.87 | 2690 | 27000 | 3.7 | 1.31 | 2690 | 27000 | 7.4 | 2.64 | 2870 | 27000 | |
| | 425 | 1.2 | 0.38 | 2690 | 27000 | 1.8 | 0.58 | 2690 | 27000 | 2.1 | 0.77 | 2690 | 27000 | 3.3 | 1.16 | 2690 | 27000 | 6.6 | 2.16 | 2650 | 27000 | |
| | 473 | 1.1 | 0.34 | 2690 | 27000 | 1.6 | 0.52 | 2690 | 27000 | 1.9 | 0.70 | 2690 | 27000 | 3.0 | 1.04 | 2690 | 27000 | 5.9 | 2.09 | 2690 | 27000 | |
| | 525 | 1.0 | 0.31 | 2690 | 27000 | 1.4 | 0.47 | 2690 | 27000 | 1.7 | 0.63 | 2690 | 27000 | 2.7 | 0.94 | 2690 | 27000 | 5.3 | 1.88 | 2690 | 27000 | |
| | 559 | 0.9 | 0.29 | 2690 | 27000 | 1.3 | 0.44 | 2690 | 27000 | 1.6 | 0.59 | 2690 | 27000 | 2.5 | 0.88 | 2690 | 27000 | 5.0 | 1.76 | 2690 | 27000 | |
| | 595 | 0.8 | 0.27 | 2690 | 27000 | 1.3 | 0.41 | 2690 | 27000 | 1.5 | 0.55 | 2690 | 27000 | 2.4 | 0.83 | 2690 | 27000 | 4.7 | 1.66 | 2690 | 27000 | |
| 649 | 0.8 | 0.25 | 2690 | 27000 | 1.2 | 0.38 | 2690 | 27000 | 1.4 | 0.51 | 2690 | 27000 | 2.2 | 0.76 | 2690 | 27000 | 4.3 | 1.48 | 2690 | 27000 | | |
| 731 | 0.7 | 0.23 | 2690 | 27000 | 1.0 | 0.33 | 2690 | 27000 | 1.2 | 0.45 | 2690 | 27000 | 1.9 | 0.68 | 2690 | 27000 | 3.8 | 1.35 | 2690 | 27000 | | |
| 617/11  | 104 | 4.8 | 1.58 | 2690 | 27000 | 7.2 | 2.37 | 2690 | 27000 | 8.7 | 3.17 | 2690 | 27000 | 13.5 | 4.75 | 2690 | 27000 | 26.9 | 4.97 | 1410 | 22600 | |
| | 121 | 4.1 | 1.26 | 2500 | 27000 | 6.2 | 1.89 | 2500 | 27000 | 7.4 | 2.53 | 2500 | 27000 | 11.6 | 3.78 | 2500 | 27000 | 23.1 | 4.97 | 1640 | 23800 | |
| | 143 | 3.5 | 1.15 | 2690 | 27000 | 5.2 | 1.73 | 2690 | 27000 | 6.3 | 2.30 | 2690 | 27000 | 9.8 | 3.45 | 2690 | 27000 | 19.6 | 4.97 | 1930 | 25200 | |
| | 165 | 3.0 | 1.00 | 2690 | 27000 | 4.5 | 1.50 | 2690 | 27000 | 5.5 | 1.99 | 2690 | 27000 | 8.5 | 2.99 | 2690 | 27000 | 17.0 | 4.82 | 2170 | 26500 | |
| | 195 | 2.6 | 0.84 | 2690 | 27000 | 3.8 | 1.26 | 2690 | 27000 | 4.6 | 1.69 | 2690 | 27000 | 7.2 | 2.53 | 2690 | 27000 | 14.4 | 4.32 | 2300 | 27000 | |
| | 231 | 2.2 | 0.72 | 2690 | 27000 | 3.2 | 1.07 | 2690 | 27000 | 3.9 | 1.42 | 2690 | 27000 | 6.1 | 2.14 | 2690 | 27000 | 12.1 | 4.27 | 2690 | 27000 | |
| | 273 | 1.8 | 0.60 | 2690 | 27000 | 2.7 | 0.90 | 2690 | 27000 | 3.3 | 1.21 | 2690 | 27000 | 5.1 | 1.80 | 2690 | 27000 | 10.3 | 3.62 | 2690 | 27000 | |
| | 319 | 1.6 | 0.52 | 2690 | 27000 | 2.4 | 0.77 | 2690 | 27000 | 2.8 | 1.03 | 2690 | 27000 | 4.4 | 1.55 | 2690 | 27000 | 8.8 | 2.93 | 2690 | 27000 | |
| | 357 | 1.4 | 0.46 | 2690 | 27000 | 2.1 | 0.70 | 2690 | 27000 | 2.5 | 0.92 | 2690 | 27000 | 3.9 | 1.38 | 2690 | 27000 | 7.8 | 2.76 | 2690 | 27000 | |
| | 377 | 1.3 | 0.44 | 2690 | 27000 | 2.0 | 0.66 | 2690 | 27000 | 2.4 | 0.87 | 2690 | 27000 | 3.7 | 1.31 | 2690 | 27000 | 7.4 | 2.62 | 2690 | 27000 | |
| | 425 | 1.2 | 0.38 | 2690 | 27000 | 1.8 | 0.58 | 2690 | 27000 | 2.1 | 0.77 | 2690 | 27000 | 3.3 | 1.16 | 2690 | 27000 | 6.6 | 2.32 | 2690 | 27000 | |
| | 473 | 1.1 | 0.34 | 2690 | 27000 | 1.6 | 0.52 | 2690 | 2700 | | | | | | | | | | | | | |




| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | |
|---|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|
| | | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ | n ₂ | P ₁ | M ₂ | FR ₂ |
| 618 210-211 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 11 | 45.5 | 16.80 | 3247 | 26200 | 68.2 | 23.80 | 3067 | 22800 | 81.8 | 29.10 | 3125 | 20800 | 127.3 | 32.90 | 2271 | 18100 | - | - | - | - |
| | 13 | 38.5 | 17.00 | 3883 | 27600 | 57.7 | 22.70 | 3457 | 24100 | 69.2 | 27.70 | 3515 | 22000 | 107.7 | 32.90 | 2684 | 19200 | - | - | - | - |
| | 15 | 33.3 | 14.20 | 3743 | 29000 | 50.0 | 18.90 | 3321 | 25300 | 60.0 | 23.10 | 3383 | 23000 | 93.3 | 30.80 | 2899 | 20100 | - | - | - | - |
| | 17 | 29.4 | 13.20 | 3943 | 30300 | 44.1 | 18.40 | 3664 | 26400 | 52.9 | 22.50 | 3734 | 24000 | 82.4 | 29.90 | 3190 | 21000 | - | - | - | - |
| | 21 | 23.8 | 10.80 | 3985 | 32500 | 35.7 | 16.10 | 3961 | 28300 | 42.9 | 20.30 | 4162 | 25800 | 66.7 | 27.00 | 3558 | 22500 | - | - | - | - |
| | 25 | 20.0 | 9.02 | 3962 | 34400 | 30.0 | 13.50 | 3954 | 30000 | 36.0 | 17.20 | 4198 | 27300 | 56.0 | 22.80 | 3577 | 23800 | - | - | - | - |
| | 29 | 17.2 | 7.77 | 3959 | 36200 | 25.9 | 11.30 | 3839 | 31600 | 31.0 | 13.80 | 3907 | 28700 | 48.3 | 18.40 | 3349 | 25100 | - | - | - | - |
| | 35 | 14.3 | 6.44 | 3961 | 36600 | 21.4 | 9.67 | 3965 | 33600 | 25.7 | 12.80 | 4373 | 30500 | 40.0 | 18.40 | 4042 | 26700 | - | - | - | - |
| | 43 | 11.6 | 5.25 | 3967 | 36600 | 17.4 | 7.87 | 3964 | 36000 | 20.9 | 10.50 | 4408 | 32700 | 32.6 | 14.70 | 3967 | 28500 | - | - | - | - |
| | 51 | 9.8 | 4.42 | 3961 | 36600 | 14.7 | 6.64 | 3967 | 36600 | 17.6 | 8.53 | 4247 | 34600 | 27.5 | 11.40 | 3649 | 30300 | - | - | - | - |
| | 59 | 8.5 | 3.82 | 3960 | 36600 | 12.7 | 5.66 | 3912 | 36600 | 15.3 | 6.92 | 3986 | 36400 | 23.7 | 9.20 | 3406 | 31800 | - | - | - | - |
| | 71 | 7.0 | 3.18 | 3967 | 36600 | 10.6 | 4.76 | 3959 | 36600 | 12.7 | 6.26 | 4339 | 36600 | 19.7 | 8.31 | 3703 | 33700 | - | - | - | - |
| 87 | 5.7 | 2.59 | 3959 | 36600 | 8.6 | 3.89 | 3965 | 36600 | 10.3 | 5.19 | 4408 | 36600 | 16.1 | 7.28 | 3975 | 36200 | - | - | - | - | |
| 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 618/10 312-313 | 104 | 4.8 | 1.25 | 2100 | 36600 | 7.2 | 1.66 | 1860 | 36600 | 8.7 | 2.03 | 1900 | 36600 | 13.5 | 2.70 | 1620 | 36600 | 26.9 | 2.70 | 811 | 30500 |
| | 121 | 4.1 | 1.04 | 2030 | 36600 | 6.2 | 1.56 | 2030 | 36600 | 7.4 | 2.03 | 2210 | 36600 | 11.6 | 2.70 | 1890 | 36600 | 23.1 | 2.70 | 943 | 32100 |
| | 143 | 3.5 | 1.04 | 2400 | 36600 | 5.2 | 1.56 | 2400 | 36600 | 6.3 | 2.03 | 2610 | 36600 | 9.8 | 2.70 | 2230 | 36600 | 19.6 | 2.70 | 1120 | 33800 |
| | 165 | 3.0 | 1.04 | 2770 | 36600 | 4.5 | 1.56 | 2770 | 36600 | 5.5 | 2.03 | 3010 | 36600 | 8.5 | 2.70 | 2570 | 36600 | 17.0 | 2.70 | 1290 | 35500 |
| | 195 | 2.6 | 0.88 | 2770 | 36600 | 3.8 | 1.31 | 2750 | 36600 | 4.6 | 1.75 | 3060 | 36600 | 7.2 | 2.64 | 2970 | 36600 | 14.4 | 2.64 | 1490 | 36600 |
| | 231 | 2.2 | 1.04 | 3880 | 36600 | 3.2 | 1.56 | 3880 | 36600 | 3.9 | 2.03 | 3980 | 36600 | 6.1 | 2.70 | 3600 | 36600 | 12.1 | 2.70 | 1800 | 36600 |
| | 273 | 1.8 | 0.88 | 3880 | 36600 | 2.7 | 1.31 | 3850 | 36600 | 3.3 | 1.75 | 3980 | 36600 | 5.1 | 2.64 | 3980 | 36600 | 10.3 | 2.64 | 2080 | 36600 |
| | 319 | 1.6 | 0.76 | 3980 | 36600 | 2.4 | 1.15 | 3980 | 36600 | 2.8 | 1.53 | 3980 | 36600 | 4.4 | 2.29 | 3980 | 36600 | 8.8 | 2.70 | 2490 | 36600 |
| | 357 | 1.4 | 0.69 | 3980 | 36600 | 2.1 | 1.03 | 3980 | 36600 | 2.5 | 1.36 | 3980 | 36600 | 3.9 | 2.05 | 3980 | 36600 | 7.8 | 2.16 | 2230 | 36600 |
| | 377 | 1.3 | 0.65 | 3980 | 36600 | 2.0 | 0.97 | 3980 | 36600 | 2.4 | 1.29 | 3980 | 36600 | 3.7 | 1.94 | 3980 | 36600 | 7.4 | 2.64 | 2870 | 36600 |
| | 425 | 1.2 | 0.58 | 3980 | 36600 | 1.8 | 0.83 | 3980 | 36600 | 2.1 | 1.15 | 3980 | 36600 | 3.3 | 1.73 | 3980 | 36600 | 6.6 | 2.16 | 2650 | 36600 |
| | 473 | 1.1 | 0.52 | 3980 | 36600 | 1.6 | 0.77 | 3980 | 36600 | 1.9 | 1.03 | 3980 | 36600 | 3.0 | 1.55 | 3980 | 36600 | 5.9 | 2.70 | 3690 | 36600 |
| | 525 | 1.0 | 0.46 | 3980 | 36600 | 1.4 | 0.70 | 3980 | 36600 | 1.7 | 0.93 | 3980 | 36600 | 2.7 | 1.39 | 3980 | 36600 | 5.3 | 2.70 | 4090 | 36600 |
| | 559 | 0.9 | 0.43 | 3980 | 36600 | 1.3 | 0.66 | 3980 | 36600 | 1.6 | 0.87 | 3980 | 36600 | 2.5 | 1.30 | 3980 | 36600 | 5.0 | 2.64 | 4260 | 36600 |
| | 595 | 0.8 | 0.41 | 3980 | 36600 | 1.3 | 0.63 | 3980 | 36600 | 1.5 | 0.82 | 3980 | 36600 | 2.4 | 1.23 | 3980 | 36600 | 4.7 | 2.16 | 3710 | 36600 |
| | 649 | 0.8 | 0.37 | 3980 | 36600 | 1.2 | 0.56 | 3980 | 36600 | 1.4 | 0.75 | 3980 | 36600 | 2.2 | 1.13 | 3980 | 36600 | 4.3 | 2.25 | 3980 | 36600 |
| 731 | 0.7 | 0.33 | 3980 | 36600 | 1.0 | 0.50 | 3980 | 36600 | 1.2 | 0.67 | 3980 | 36600 | 1.9 | 1.00 | 3980 | 36600 | 3.8 | 2.00 | 3980 | 36600 | |
| 618/13 316-317 | 104 | 4.8 | 2.28 | 3890 | 36600 | 7.2 | 3.43 | 3890 | 36600 | 8.7 | 4.58 | 3890 | 36600 | 13.5 | 6.86 | 3890 | 36600 | 26.9 | 9.90 | 2800 | 30500 |
| | 121 | 4.1 | 1.65 | 3270 | 36600 | 6.2 | 2.48 | 3270 | 36600 | 7.4 | 3.30 | 3270 | 36600 | 11.6 | 4.95 | 3270 | 36600 | 23.1 | 9.72 | 3210 | 32100 |
| | 143 | 3.5 | 1.67 | 3890 | 36600 | 5.2 | 2.50 | 3890 | 36600 | 6.3 | 3.32 | 3890 | 36600 | 9.8 | 4.99 | 3890 | 36600 | 19.6 | 9.72 | 3780 | 33800 |
| | 165 | 3.0 | 1.48 | 3980 | 36600 | 4.5 | 2.22 | 3980 | 36600 | 5.5 | 2.95 | 3980 | 36600 | 8.5 | 4.43 | 3980 | 36600 | 17.0 | 8.23 | 3700 | 35500 |
| | 195 | 2.6 | 1.25 | 3980 | 36600 | 3.8 | 1.87 | 3980 | 36600 | 4.6 | 2.50 | 3980 | 36600 | 7.2 | 3.75 | 3980 | 36600 | 14.4 | 7.36 | 3910 | 36600 |
| | 231 | 2.2 | 1.06 | 3980 | 36600 | 3.2 | 1.59 | 3980 | 36600 | 3.9 | 2.11 | 3980 | 36600 | 6.1 | 3.17 | 3980 | 36600 | 12.1 | 6.33 | 3980 | 36600 |
| | 273 | 1.8 | 0.89 | 3980 | 36600 | 2.7 | 1.34 | 3980 | 36600 | 3.3 | 1.78 | 3980 | 36600 | 5.1 | 2.68 | 3980 | 36600 | 10.3 | 5.36 | 3980 | 36600 |
| | 319 | 1.6 | 0.76 | 3980 | 36600 | 2.4 | 1.15 | 3980 | 36600 | 2.8 | 1.53 | 3980 | 36600 | 4.4 | 2.29 | 3980 | 36600 | 8.8 | 4.59 | 3980 | 36600 |
| | 357 | 1.4 | 0.69 | 3980 | 36600 | 2.1 | 1.03 | 3980 | 36600 | 2.5 | 1.36 | 3980 | 36600 | 3.9 | 2.05 | 3980 | 36600 | 7.8 | 4.10 | 3980 | 36600 |
| | 377 | 1.3 | 0.65 | 3980 | 36600 | 2.0 | 0.97 | 3980 | 36600 | 2.4 | 1.29 | 3980 | 36600 | 3.7 | 1.94 | 3980 | 36600 | 7.4 | 3.88 | 3980 | 36600 |
| | 425 | 1.2 | 0.58 | 3980 | 36600 | 1.8 | 0.83 | 3980 | 36600 | 2.1 | 1.15 | 3980 | 36600 | 3.3 | 1.73 | 3980 | 36600 | 6.6 | 3.44 | 3980 | 36600 |
| | 473 | 1.1 | 0.52 | 3980 | 36600 | 1.6 | 0.77 | 3980 | 36600 | 1.9 | 1.03 | 3980 | 36600 | 3.0 | 1.55 | 3980 | 36600 | 5.9 | 3.10 | 3980 | 36600 |
| | 525 | 1.0 | 0.46 | 3980 | 36600 | 1.4 | 0.70 | 3980 | 36600 | 1.7 | 0.93 | 3980 | 36600 | 2.7 | 1.39 | 3980 | 36600 | 5.3 | 2.78 | 3980 | 36600 |
| | 559 | 0.9 | 0.43 | 3980 | 36600 | 1.3 | 0.66 | 3980 | 36600 | 1.6 | 0.87 | 3980 | 36600 | 2.5 | 1.30 | 3980 | 36600 | 5.0 | 2.62 | 3980 | 36600 |
| | 595 | 0.8 | 0.41 | 3980 | 36600 | 1.3 | 0.63 | 3980 | 36600 | 1.5 | 0.82 | 3980 | 36600 | 2.4 | 1.23 | 3980 | 36600 | 4.7 | 2.46 | 3980 | 36600 |
| | 649 | 0.8 | 0.37 | 3980 | 36600 | 1.2 | 0.56 | 3980 | 36600 | 1.4 | 0.75 | 3980 | 36600 | 2.2 | 1.13 | 3980 | 36600 | 4.3 | 2.25 | 3980 | 36600 |
| 731 | 0.7 | 0.33 | 3980 | 36600 | 1.0 | 0.50 | 3980 | 36600 | 1.2 | 0.67 | 3980 | 36600 | 1.9 | 1.00 | 3980 | 36600 | 3.8 | 2.00 | 3980 | 36600 | |

| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | | |
|--|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|
| | | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | |
| 619  | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 11 | 45.5 | 21.50 | 4156 | 36600 | 68.2 | 28.40 | 3660 | 32000 | 81.8 | 34.80 | 3737 | 29000 | 127.3 | 43.10 | 2975 | 25400 | - | - | - | - | - |
| | 13 | 38.5 | 21.00 | 4797 | 38700 | 57.7 | 27.90 | 4249 | 33800 | 69.2 | 34.10 | 4328 | 30700 | 107.7 | 43.10 | 3516 | 26900 | - | - | - | - | - |
| | 15 | 33.3 | 21.00 | 5535 | 40600 | 50.0 | 27.90 | 4903 | 35500 | 60.0 | 34.10 | 4993 | 32300 | 93.3 | 43.10 | 4057 | 28100 | - | - | - | - | - |
| | 17 | 29.4 | 21.00 | 6273 | 42400 | 44.1 | 27.90 | 5556 | 37000 | 52.9 | 34.10 | 5659 | 33600 | 82.4 | 43.10 | 4598 | 29300 | - | - | - | - | - |
| | 21 | 23.8 | 16.90 | 6236 | 45400 | 35.7 | 22.40 | 5511 | 39700 | 42.9 | 27.40 | 5617 | 36100 | 66.7 | 36.40 | 4797 | 31500 | - | - | - | - | - |
| | 25 | 20.0 | 15.90 | 6985 | 48100 | 30.0 | 21.10 | 6179 | 42100 | 36.0 | 25.80 | 6297 | 38200 | 56.0 | 34.30 | 5381 | 33300 | - | - | - | - | - |
| | 29 | 17.2 | 13.80 | 7032 | 50600 | 25.9 | 18.50 | 6285 | 44100 | 31.0 | 22.70 | 6426 | 40100 | 48.3 | 30.10 | 5478 | 35100 | - | - | - | - | - |
| | 35 | 14.3 | 11.00 | 6765 | 51000 | 21.4 | 14.60 | 5986 | 47000 | 25.7 | 17.90 | 6116 | 42700 | 40.0 | 23.80 | 5228 | 37400 | - | - | - | - | - |
| | 43 | 11.6 | 9.35 | 7067 | 51000 | 17.4 | 12.70 | 6397 | 50400 | 20.9 | 15.50 | 6507 | 45800 | 32.6 | 20.50 | 5532 | 40000 | - | - | - | - | - |
| | 51 | 9.8 | 7.88 | 7064 | 51000 | 14.7 | 11.00 | 6572 | 51000 | 17.6 | 13.40 | 6672 | 48400 | 27.5 | 17.80 | 5697 | 42400 | - | - | - | - | - |
| | 59 | 8.5 | 6.81 | 7064 | 51000 | 12.7 | 9.20 | 6359 | 51000 | 15.3 | 11.30 | 6508 | 50900 | 23.7 | 14.90 | 5517 | 44400 | - | - | - | - | - |
| | 71 | 7.0 | 5.67 | 7070 | 51000 | 10.6 | 8.16 | 6787 | 51000 | 12.7 | 10.00 | 6931 | 51000 | 19.7 | 13.20 | 5882 | 47300 | - | - | - | - | - |
| | 87 | 5.7 | 4.63 | 7074 | 51000 | 8.6 | 6.93 | 7063 | 51000 | 10.3 | 8.71 | 7398 | 51000 | 16.1 | 11.60 | 6333 | 50600 | - | - | - | - | - |
| 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 619/11  | 104 | 4.8 | 2.30 | 3920 | 51000 | 7.2 | 3.06 | 3470 | 51000 | 8.7 | 3.75 | 3190 | 51000 | 13.5 | 4.97 | 2810 | 51000 | 26.9 | 4.97 | 1410 | 42500 | |
| | 121 | 4.1 | 2.33 | 4610 | 51000 | 6.2 | 3.08 | 4060 | 51000 | 7.4 | 3.76 | 3720 | 51000 | 11.6 | 4.97 | 3280 | 51000 | 23.1 | 4.97 | 1640 | 44800 | |
| | 143 | 3.5 | 2.33 | 5440 | 51000 | 5.2 | 3.08 | 4800 | 51000 | 6.3 | 3.76 | 4390 | 51000 | 9.8 | 4.97 | 3870 | 51000 | 19.6 | 4.97 | 1930 | 47400 | |
| | 165 | 3.0 | 2.33 | 6280 | 51000 | 4.5 | 3.08 | 5540 | 51000 | 5.5 | 3.76 | 5070 | 51000 | 8.5 | 4.97 | 4470 | 51000 | 17.0 | 4.97 | 2240 | 49700 | |
| | 195 | 2.6 | 2.11 | 6730 | 51000 | 3.8 | 2.97 | 6300 | 51000 | 4.6 | 3.63 | 5780 | 51000 | 7.2 | 4.82 | 5130 | 51000 | 14.4 | 4.82 | 2560 | 51000 | |
| | 231 | 2.2 | 1.88 | 7110 | 51000 | 3.2 | 2.82 | 7110 | 51000 | 3.9 | 3.76 | 7100 | 51000 | 6.1 | 4.97 | 6260 | 51000 | 12.1 | 4.97 | 3130 | 51000 | |
| | 273 | 1.8 | 1.59 | 7110 | 51000 | 2.7 | 2.39 | 7110 | 51000 | 3.3 | 3.19 | 7110 | 51000 | 5.1 | 4.77 | 7110 | 51000 | 10.3 | 4.82 | 3590 | 51000 | |
| | 319 | 1.6 | 1.36 | 7110 | 51000 | 2.4 | 2.05 | 7110 | 51000 | 2.8 | 2.73 | 7110 | 51000 | 4.4 | 4.09 | 7110 | 51000 | 8.8 | 4.97 | 4310 | 51000 | |
| | 357 | 1.4 | 1.22 | 7110 | 51000 | 2.1 | 1.82 | 7110 | 51000 | 2.5 | 2.43 | 7110 | 51000 | 3.9 | 3.66 | 7110 | 51000 | 7.8 | 4.67 | 4540 | 51000 | |
| | 377 | 1.3 | 1.16 | 7110 | 51000 | 2.0 | 1.73 | 7110 | 51000 | 2.4 | 2.30 | 7110 | 51000 | 3.7 | 3.46 | 7110 | 51000 | 7.4 | 4.82 | 4950 | 51000 | |
| | 425 | 1.2 | 1.02 | 7110 | 51000 | 1.8 | 1.54 | 7110 | 51000 | 2.1 | 2.05 | 7110 | 51000 | 3.3 | 3.07 | 7110 | 51000 | 6.6 | 4.67 | 5400 | 51000 | |
| | 473 | 1.1 | 0.92 | 7110 | 51000 | 1.6 | 1.38 | 7110 | 51000 | 1.9 | 1.84 | 7110 | 51000 | 3.0 | 2.75 | 7110 | 51000 | 5.9 | 4.97 | 6400 | 51000 | |
| | 525 | 1.0 | 0.82 | 7110 | 51000 | 1.4 | 1.25 | 7110 | 51000 | 1.7 | 1.66 | 7110 | 51000 | 2.7 | 2.48 | 7110 | 51000 | 5.3 | 4.04 | 5780 | 51000 | |
| | 559 | 0.9 | 0.77 | 7110 | 51000 | 1.3 | 1.17 | 7110 | 51000 | 1.6 | 1.56 | 7110 | 51000 | 2.5 | 2.33 | 7110 | 51000 | 5.0 | 4.67 | 7110 | 51000 | |
| | 595 | 0.8 | 0.74 | 7110 | 51000 | 1.3 | 1.10 | 7110 | 51000 | 1.5 | 1.46 | 7110 | 51000 | 2.4 | 2.20 | 7110 | 51000 | 4.7 | 4.38 | 7110 | 51000 | |
| 649 | 0.8 | 0.67 | 7110 | 51000 | 1.2 | 1.01 | 7110 | 51000 | 1.4 | 1.34 | 7110 | 51000 | 2.2 | 2.01 | 7110 | 51000 | 4.3 | 4.02 | 7110 | 51000 | | |
| 731 | 0.7 | 0.60 | 7110 | 51000 | 1.0 | 0.89 | 7110 | 51000 | 1.2 | 1.19 | 7110 | 51000 | 1.9 | 1.78 | 7110 | 51000 | 3.8 | 3.57 | 7110 | 51000 | | |
| 619/13  | 104 | 4.8 | 3.95 | 6860 | 51000 | 7.2 | 5.86 | 6650 | 51000 | 8.7 | 7.11 | 6040 | 51000 | 13.5 | 9.31 | 5280 | 51000 | 26.9 | 9.90 | 2800 | 42500 | |
| | 121 | 4.1 | 2.81 | 5680 | 51000 | 6.2 | 4.23 | 5570 | 51000 | 7.4 | 5.64 | 5570 | 51000 | 11.6 | 8.45 | 5570 | 51000 | 23.1 | 9.72 | 3210 | 44800 | |
| | 143 | 3.5 | 2.87 | 6860 | 51000 | 5.2 | 4.31 | 6730 | 51000 | 6.3 | 5.75 | 6730 | 51000 | 9.8 | 7.54 | 5870 | 51000 | 19.6 | 9.72 | 3780 | 47400 | |
| | 165 | 3.0 | 2.49 | 6860 | 51000 | 4.5 | 3.74 | 6730 | 51000 | 5.5 | 4.99 | 6730 | 51000 | 8.5 | 7.48 | 6730 | 51000 | 17.0 | 9.72 | 4370 | 49700 | |
| | 195 | 2.6 | 2.11 | 6860 | 51000 | 3.8 | 3.17 | 6730 | 51000 | 4.6 | 4.22 | 6730 | 51000 | 7.2 | 5.85 | 6220 | 51000 | 14.4 | 9.20 | 4880 | 51000 | |
| | 231 | 2.2 | 1.88 | 7110 | 51000 | 3.2 | 2.82 | 7110 | 51000 | 3.9 | 3.76 | 7110 | 51000 | 6.1 | 5.65 | 7110 | 51000 | 12.1 | 9.25 | 5810 | 51000 | |
| | 273 | 1.8 | 1.59 | 7110 | 51000 | 2.7 | 2.39 | 7110 | 51000 | 3.3 | 3.19 | 7110 | 51000 | 5.1 | 4.77 | 7110 | 51000 | 10.3 | 8.28 | 6160 | 51000 | |
| | 319 | 1.6 | 1.36 | 7110 | 51000 | 2.4 | 2.05 | 7110 | 51000 | 2.8 | 2.73 | 7110 | 51000 | 4.4 | 4.09 | 7110 | 51000 | 8.8 | 6.59 | 5730 | 51000 | |
| | 357 | 1.4 | 1.22 | 7110 | 51000 | 2.1 | 1.82 | 7110 | 51000 | 2.5 | 2.43 | 7110 | 51000 | 3.9 | 3.66 | 7110 | 51000 | 7.8 | 7.04 | 6840 | 51000 | |
| | 377 | 1.3 | 1.16 | 7110 | 51000 | 2.0 | 1.73 | 7110 | 51000 | 2.4 | 2.30 | 7110 | 51000 | 3.7 | 3.46 | 7110 | 51000 | 7.4 | 5.90 | 6060 | 51000 | |
| | 425 | 1.2 | 1.02 | 7110 | 51000 | 1.8 | 1.54 | 7110 | 51000 | 2.1 | 2.05 | 7110 | 51000 | 3.3 | 3.07 | 7110 | 51000 | 6.6 | 6.14 | 7110 | 51000 | |
| | 473 | 1.1 | 0.92 | 7110 | 51000 | 1.6 | 1.38 | 7110 | 51000 | 1.9 | 1.84 | 7110 | 51000 | 3.0 | 2.75 | 7110 | 51000 | 5.9 | 4.60 | 5920 | 51000 | |
| | 525 | 1.0 | 0.82 | 7110 | 51000 | 1.4 | 1.25 | 7110 | 51000 | 1.7 | 1.66 | 7110 | 51000 | 2.7 | 2.48 | 7110 | 51000 | 5.3 | 4.97 | 7110 | 51000 | |
| | 559 | 0.9 | 0.77 | 7110 | 51000 | 1.3 | 1.17 | 7110 | 51000 | 1.6 | 1.56 | 7110 | 51000 | 2.5 | 2.33 | 7110 | 51000 | 5.0 | 4.11 | 6260 | 51000 | |
| | 595 | 0.8 | 0.74 | 7110 | 51000 | 1.3 | 1.10 | 7110 | 51000 | 1.5 | 1.46 | 7110 | 51000 | 2.4 | 2.20 | 7110 | 51000 | 4.7 | 4.18 | 6780 | 51000 | |
| 649 | 0.8 | 0.67 | 7110 | 51000 | 1.2 | 1.01 | 7110 | 51000 | 1.4 | 1.34 | 7110 | 51000 | 2.2 | 2.01 | 7110 | 51000 | 4.3 | 3.55 | 6270 | 51000 | | |
| 731 | 0.7 | 0.60 | 7110 | 51000 | 1.0 | 0.89 | 7110 | 51000 | 1.2 | 1.19 | 7110 | 51000 | 1.9 | 1.78 | 7110 | 51000 | 3.8 | 3.44 | 6840 | 51000 | | |




| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | | |
|---|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|
| | | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | |
| 620 218-219 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 11 | 45.5 | 27.80 | 5374 | 45800 | 68.2 | 38.50 | 4961 | 40600 | 81.8 | 46.90 | 5036 | 37200 | 127.3 | 57.80 | 3990 | 32900 | - | - | - | - | |
| | 13 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 15 | 33.3 | 25.40 | 6695 | 50300 | 50.0 | 37.50 | 6590 | 44500 | 60.0 | 45.50 | 6663 | 40800 | 93.3 | 57.80 | 5441 | 36200 | - | - | - | - | |
| | 17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 21 | 23.8 | 19.10 | 7048 | 55600 | 35.7 | 28.70 | 7060 | 49200 | 42.9 | 35.00 | 7175 | 45200 | 66.7 | 46.30 | 6102 | 40000 | - | - | - | - | |
| | 25 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 29 | 17.2 | 13.80 | 7032 | 61300 | 25.9 | 20.80 | 7066 | 54200 | 31.0 | 27.80 | 7870 | 49800 | 48.3 | 38.90 | 7080 | 44000 | - | - | - | - | |
| | 35 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 43 | 11.6 | 11.00 | 8312 | 67800 | 17.4 | 16.30 | 8211 | 61100 | 20.9 | 20.60 | 8647 | 56000 | 32.6 | 27.00 | 7286 | 49600 | - | - | - | - | |
| | 51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 59 | 8.5 | 8.00 | 8294 | 67800 | 12.7 | 12.00 | 8294 | 67200 | 15.3 | 15.30 | 8812 | 61600 | 23.7 | 18.80 | 6961 | 54500 | - | - | - | - | |
| | 71 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 87 | 5.7 | 4.60 | 7032 | 67800 | 8.6 | 6.93 | 7063 | 67800 | 10.3 | 9.25 | 7856 | 67800 | 16.1 | 13.50 | 7371 | 61300 | - | - | - | - | | |
| 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| 620/11 328-329 | 104 | 4.8 | - | - | 67800 | 7.2 | - | - | - | 8.7 | - | - | - | 13.5 | - | - | - | 26.9 | - | - | - | |
| | 121 | 4.1 | 2.33 | 4560 | 67800 | 6.2 | 3.08 | 4020 | 67800 | 7.4 | 3.76 | 4090 | 67800 | 11.6 | 4.97 | 3470 | 67800 | 23.1 | 4.97 | 1740 | 54900 | |
| | 143 | 3.5 | - | - | 67800 | 5.2 | - | - | - | 6.3 | - | - | - | 9.8 | - | - | - | 19.6 | - | - | - | |
| | 165 | 3.0 | 2.33 | 6020 | 67800 | 4.5 | 3.08 | 5480 | 67800 | 5.5 | 3.76 | 5570 | 67800 | 8.5 | 4.97 | 4740 | 67800 | 17.0 | 4.97 | 2370 | 60300 | |
| | 195 | 2.6 | 2.11 | 6730 | 67800 | 3.8 | 2.97 | 6240 | 67800 | 4.6 | 3.63 | 6360 | 67800 | 7.2 | 4.82 | 5430 | 67800 | 14.4 | 4.82 | 2710 | 63400 | |
| | 231 | 2.2 | 1.88 | 7110 | 67800 | 3.2 | 2.82 | 7110 | 67800 | 3.9 | 3.76 | 7800 | 67800 | 6.1 | 4.97 | 6630 | 67800 | 12.1 | 4.97 | 3310 | 66700 | |
| | 273 | 1.8 | 1.59 | 7110 | 67800 | 2.7 | 2.39 | 7110 | 67800 | 3.3 | 3.19 | 7110 | 67800 | 5.1 | 4.77 | 7110 | 67800 | 10.3 | 4.82 | 3800 | 67800 | |
| | 319 | 1.6 | 1.36 | 7110 | 67800 | 2.4 | 2.05 | 7110 | 67800 | 2.8 | 2.73 | 7110 | 67800 | 4.4 | 4.09 | 7110 | 67800 | 8.8 | 4.97 | 4580 | 67800 | |
| | 357 | 1.4 | 1.22 | 7110 | 67800 | 2.1 | 1.82 | 7110 | 67800 | 2.5 | 2.43 | 7110 | 67800 | 3.9 | 3.66 | 7110 | 67800 | 7.8 | 4.67 | 4810 | 67800 | |
| | 377 | 1.3 | 1.17 | 7110 | 67800 | 2.0 | 1.73 | 7110 | 67800 | 2.4 | 2.30 | 7110 | 67800 | 3.7 | 3.46 | 7110 | 67800 | 7.4 | 4.82 | 5250 | 67800 | |
| | 425 | 1.2 | - | - | 67800 | 1.8 | - | - | - | 2.1 | - | - | - | 3.3 | - | - | - | - | 6.6 | - | - | - |
| | 473 | 1.1 | 1.08 | 8300 | 67800 | 1.6 | 1.61 | 8300 | 67800 | 1.9 | 2.15 | 8300 | 67800 | 3.0 | 3.23 | 8300 | 67800 | 5.9 | 4.97 | 6790 | 67800 | |
| | 525 | 1.0 | - | - | 67800 | 1.4 | - | - | - | 1.7 | - | - | - | 2.7 | - | - | - | - | 5.3 | - | - | - |
| | 559 | 0.9 | 0.91 | 8300 | 67800 | 1.3 | 1.36 | 8300 | 67800 | 1.6 | 1.81 | 8300 | 67800 | 2.5 | 2.73 | 8300 | 67800 | 5.0 | 4.82 | 7780 | 67800 | |
| 595 | 0.8 | - | - | 67800 | 1.3 | - | - | - | 1.5 | - | - | - | 2.4 | - | - | - | - | 4.7 | - | - | - | |
| 649 | 0.8 | 0.78 | 8300 | 67800 | 1.2 | 1.18 | 8300 | 67800 | 1.4 | 1.57 | 8300 | 67800 | 2.2 | 2.35 | 8300 | 67800 | 4.3 | 4.14 | 7310 | 67800 | | |
| 731 | 0.7 | 0.70 | 8300 | 67800 | 1.0 | 1.04 | 8300 | 67800 | 1.2 | 1.39 | 8300 | 67800 | 1.9 | 2.09 | 8300 | 67800 | 3.8 | 4.15 | 8260 | 67800 | | |
| 620/13 332-333 | 104 | 4.8 | - | - | 67800 | 7.2 | - | - | - | 8.7 | - | - | - | 13.5 | - | - | - | 26.9 | - | - | - | |
| | 121 | 4.1 | 2.81 | 5570 | 67800 | 6.2 | 4.23 | 5570 | 67800 | 7.4 | 5.64 | 5570 | 67800 | 11.6 | 8.45 | 5570 | 67800 | 23.1 | 9.72 | 3210 | 54900 | |
| | 143 | 3.5 | - | - | 67800 | 5.2 | - | - | - | 6.3 | - | - | - | 9.8 | - | - | - | 19.6 | - | - | - | |
| | 165 | 3.0 | 2.49 | 6730 | 67800 | 4.5 | 3.74 | 6730 | 67800 | 5.5 | 4.99 | 6730 | 67800 | 8.5 | 7.48 | 6730 | 67800 | 17.0 | 9.72 | 4370 | 60300 | |
| | 195 | 2.6 | 2.11 | 6730 | 67800 | 3.8 | 3.17 | 6730 | 67800 | 4.6 | 4.22 | 6730 | 67800 | 7.2 | 6.32 | 6730 | 67800 | 14.4 | 9.20 | 4880 | 63400 | |
| | 231 | 2.2 | 1.88 | 7110 | 67800 | 3.2 | 2.82 | 7110 | 67800 | 3.9 | 3.76 | 7110 | 67800 | 6.1 | 5.65 | 7110 | 67800 | 12.1 | 9.72 | 6120 | 66700 | |
| | 273 | 1.8 | 1.59 | 7110 | 67800 | 2.7 | 2.39 | 7110 | 67800 | 3.3 | 3.19 | 7110 | 67800 | 5.1 | 4.77 | 7110 | 67800 | 10.3 | 9.20 | 6830 | 67800 | |
| | 319 | 1.6 | 1.36 | 7110 | 67800 | 2.4 | 2.05 | 7110 | 67800 | 2.8 | 2.73 | 7110 | 67800 | 4.4 | 4.09 | 7110 | 67800 | 8.8 | 6.98 | 6070 | 67800 | |
| | 357 | 1.4 | 1.22 | 7110 | 67800 | 2.1 | 1.82 | 7110 | 67800 | 2.5 | 2.43 | 7110 | 67800 | 3.9 | 3.66 | 7110 | 67800 | 7.8 | 7.04 | 6840 | 67800 | |
| | 377 | 1.3 | 1.17 | 7110 | 67800 | 2.0 | 1.73 | 7110 | 67800 | 2.4 | 2.30 | 7110 | 67800 | 3.7 | 3.46 | 7110 | 67800 | 7.4 | 6.22 | 6380 | 67800 | |
| | 425 | 1.2 | - | - | 67800 | 1.8 | - | - | - | 2.1 | - | - | - | 3.3 | - | - | - | - | 6.6 | - | - | - |
| | 473 | 1.1 | 1.08 | 8300 | 67800 | 1.6 | 1.61 | 8300 | 67800 | 1.9 | 2.15 | 8300 | 67800 | 3.0 | 3.23 | 8300 | 67800 | 5.9 | 5.63 | 7250 | 67800 | |
| | 525 | 1.0 | - | - | 67800 | 1.4 | - | - | - | 1.7 | - | - | - | 2.7 | - | - | - | - | 5.3 | - | - | - |
| | 559 | 0.9 | 0.91 | 8300 | 67800 | 1.3 | 1.36 | 8300 | 67800 | 1.6 | 1.81 | 8300 | 67800 | 2.5 | 2.73 | 8300 | 67800 | 5.0 | 5.00 | 7620 | 67800 | |
| 595 | 0.8 | - | - | 67800 | 1.3 | - | - | - | 1.5 | - | - | - | 2.4 | - | - | - | - | 4.7 | - | - | - | |
| 649 | 0.8 | 0.78 | 8300 | 67800 | 1.2 | 1.18 | 8300 | 67800 | 1.4 | 1.57 | 8300 | 67800 | 2.2 | 2.35 | 8300 | 67800 | 4.3 | 4.14 | 7310 | 67800 | | |
| 731 | 0.7 | 0.70 | 8300 | 67800 | 1.0 | 1.04 | 8300 | 67800 | 1.2 | 1.39 | 8300 | 67800 | 1.9 | 2.09 | 8300 | 67800 | 3.8 | 4.15 | 8260 | 67800 | | |



| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | | | |
|--|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|-------|---|
| | | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | | |
| 621  | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 11 | 45.5 | 36.60 | 7074 | 58300 | 68.2 | 51.60 | 6649 | 51700 | 81.8 | 60.90 | 6540 | 47400 | 127.3 | 70.70 | 4881 | 42000 | - | - | - | - | - | |
| | 13 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 15 | 33.3 | 31.40 | 8276 | 64000 | 50.0 | 47.10 | 8276 | 56700 | 60.0 | 57.50 | 8420 | 52000 | 93.3 | 70.70 | 6655 | 46100 | - | - | - | - | - | |
| | 17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 21 | 23.8 | 25.40 | 9373 | 70800 | 35.7 | 38.00 | 9348 | 62700 | 42.9 | 47.10 | 9656 | 57500 | 66.7 | 59.30 | 7815 | 51000 | - | - | - | - | - | |
| | 25 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 222-223 | 29 | 17.2 | 18.30 | 9325 | 78000 | 25.9 | 27.60 | 9376 | 69100 | 31.0 | 36.70 | 10390 | 63300 | 48.3 | 47.80 | 8699 | 56100 | - | - | - | - | - |
| | | 35 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | 43 | 11.6 | 14.50 | 10956 | 84400 | 17.4 | 21.70 | 10931 | 77700 | 20.9 | 27.50 | 11544 | 71400 | 32.6 | 36.80 | 9931 | 63100 | - | - | - | - | - |
| | | 51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | 59 | 8.5 | 10.60 | 10990 | 84400 | 12.7 | 15.90 | 10990 | 84400 | 15.3 | 20.40 | 11750 | 78400 | 23.7 | 27.60 | 10219 | 69400 | - | - | - | - | - |
| | | 71 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | 87 | 5.7 | 6.00 | 9173 | 84400 | 8.6 | 9.00 | 9173 | 84400 | 10.3 | 12.00 | 10192 | 84400 | 16.1 | 18.00 | 9828 | 78000 | - | - | - | - | - |
| | 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 621/13  | 104 | 4.8 | - | - | - | 7.2 | - | - | - | 8.7 | - | - | - | 13.5 | - | - | - | 26.9 | - | - | - | - | |
| | 121 | 4.1 | 3.60 | 7110 | 84400 | 6.2 | 5.39 | 7110 | 84400 | 7.4 | 7.19 | 7110 | 84400 | 11.6 | 9.72 | 6400 | 84400 | 23.1 | 9.72 | 3210 | 54900 | - | |
| | 143 | 3.5 | - | - | - | 5.2 | - | - | - | 6.3 | - | - | - | 9.8 | - | - | - | 19.6 | - | - | - | - | |
| | 165 | 3.0 | 3.08 | 8300 | 84400 | 4.5 | 4.62 | 8300 | 84400 | 5.5 | 6.16 | 8300 | 84400 | 8.5 | 9.25 | 8300 | 84400 | 17.0 | 9.72 | 4370 | 60300 | - | |
| | 195 | 2.6 | 2.61 | 8300 | 84400 | 3.8 | 3.91 | 8300 | 84400 | 4.6 | 5.22 | 8300 | 84400 | 7.2 | 7.82 | 8300 | 84400 | 14.4 | 9.20 | 4880 | 63400 | - | |
| | 231 | 2.2 | 2.49 | 9410 | 84400 | 3.2 | 3.74 | 9410 | 84400 | 3.9 | 4.99 | 9410 | 84400 | 6.1 | 7.48 | 9410 | 84400 | 12.1 | 9.72 | 6120 | 66700 | - | |
| | 273 | 1.8 | 2.11 | 9410 | 84400 | 2.7 | 3.17 | 9410 | 84400 | 3.3 | 4.22 | 9410 | 84400 | 5.1 | 6.32 | 9410 | 84400 | 10.3 | 9.20 | 6830 | 67800 | - | |
| | 336-337 | 319 | 1.6 | 1.80 | 9410 | 84400 | 2.4 | 2.71 | 9410 | 84400 | 2.8 | 3.61 | 9410 | 84400 | 4.4 | 5.41 | 9410 | 84400 | 8.8 | 9.02 | 7830 | 67800 | - |
| | | 357 | 1.4 | 1.62 | 9410 | 84400 | 2.1 | 2.42 | 9410 | 84400 | 2.5 | 3.23 | 9410 | 84400 | 3.9 | 4.84 | 9410 | 84400 | 7.8 | 7.04 | 6840 | 67800 | - |
| | | 377 | 1.3 | 1.53 | 9410 | 84400 | 2.0 | 2.29 | 9410 | 84400 | 2.4 | 3.06 | 9410 | 84400 | 3.7 | 4.58 | 9410 | 84400 | 7.4 | 8.09 | 8300 | 67800 | - |
| | | 425 | 1.2 | - | - | - | 1.8 | - | - | - | 2.1 | - | - | - | 3.3 | - | - | - | 6.6 | - | - | - | - |
| | | 473 | 1.1 | 1.43 | 11100 | 84400 | 1.6 | 2.15 | 11100 | 84400 | 1.9 | 2.85 | 11100 | 84400 | 3.0 | 4.28 | 11080 | 84400 | 5.9 | 7.20 | 9270 | 67800 | - |
| | | 525 | 1.0 | - | - | - | 1.4 | - | - | - | 1.7 | - | - | - | 2.7 | - | - | - | 5.3 | - | - | - | - |
| | | 559 | 0.9 | 1.21 | 11100 | 84400 | 1.3 | 1.81 | 11100 | 84400 | 1.6 | 2.42 | 11100 | 84400 | 2.5 | 3.63 | 11080 | 84400 | 5.0 | 6.44 | 9800 | 67800 | - |
| | | 595 | 0.8 | - | - | - | 1.3 | - | - | - | 1.5 | - | - | - | 2.4 | - | - | - | 4.7 | - | - | - | - |
| | 649 | 0.8 | 1.04 | 11100 | 84400 | 1.2 | 1.56 | 11100 | 84400 | 1.4 | 2.08 | 11100 | 84400 | 2.2 | 3.13 | 11080 | 84400 | 4.3 | 5.29 | 9310 | 67800 | - | |
| | 731 | 0.7 | 0.92 | 11100 | 84400 | 1.0 | 1.38 | 11100 | 84400 | 1.2 | 1.85 | 11100 | 84400 | 1.9 | 2.77 | 11080 | 84400 | 3.8 | 5.55 | 11100 | 67800 | - | |
| 621/16  | 104 | 4.8 | - | - | - | 7.2 | - | - | - | 8.7 | - | - | - | 13.5 | - | - | - | 26.9 | - | - | - | - | |
| | 121 | 4.1 | 3.60 | 7110 | 84400 | 6.2 | 5.39 | 7110 | 84400 | 7.4 | 7.19 | 7110 | 84400 | 11.6 | 9.72 | 6400 | 84400 | 23.1 | 9.72 | 3210 | 54900 | - | |
| | 143 | 3.5 | - | - | - | 5.2 | - | - | - | 6.3 | - | - | - | 9.8 | - | - | - | 19.6 | - | - | - | - | |
| | 165 | 3.0 | 3.08 | 8300 | 84400 | 4.5 | 4.62 | 8300 | 84400 | 5.5 | 6.16 | 8300 | 84400 | 8.5 | 9.25 | 8300 | 84400 | 17.0 | 9.72 | 4370 | 60300 | - | |
| | 195 | 2.6 | 2.61 | 8300 | 84400 | 3.8 | 3.91 | 8300 | 84400 | 4.6 | 5.22 | 8300 | 84400 | 7.2 | 7.82 | 8300 | 84400 | 14.4 | 9.20 | 4880 | 63400 | - | |
| | 231 | 2.2 | 2.49 | 9410 | 84400 | 3.2 | 3.74 | 9410 | 84400 | 3.9 | 4.99 | 9410 | 84400 | 6.1 | 7.48 | 9410 | 84400 | 12.1 | 9.72 | 6120 | 66700 | - | |
| | 273 | 1.8 | 2.11 | 9410 | 84400 | 2.7 | 3.17 | 9410 | 84400 | 3.3 | 4.22 | 9410 | 84400 | 5.1 | 6.32 | 9410 | 84400 | 10.3 | 9.20 | 6830 | 67800 | - | |
| | 340-341 | 319 | 1.6 | 1.80 | 9410 | 84400 | 2.4 | 2.71 | 9410 | 84400 | 2.8 | 3.61 | 9410 | 84400 | 4.4 | 5.41 | 9410 | 84400 | 8.8 | 9.02 | 7830 | 67800 | - |
| | | 357 | 1.4 | 1.62 | 9410 | 84400 | 2.1 | 2.42 | 9410 | 84400 | 2.5 | 3.23 | 9410 | 84400 | 3.9 | 4.84 | 9410 | 84400 | 7.8 | 7.04 | 6840 | 67800 | - |
| | | 377 | 1.3 | 1.53 | 9410 | 84400 | 2.0 | 2.29 | 9410 | 84400 | 2.4 | 3.06 | 9410 | 84400 | 3.7 | 4.58 | 9410 | 84400 | 7.4 | 8.09 | 8300 | 67800 | - |
| | | 425 | 1.2 | - | - | - | 1.8 | - | - | - | 2.1 | - | - | - | 3.3 | - | - | - | 6.6 | - | - | - | - |
| | | 473 | 1.1 | 1.43 | 11100 | 84400 | 1.6 | 2.15 | 11100 | 84400 | 1.9 | 2.85 | 11100 | 84400 | 3.0 | 4.28 | 11080 | 84400 | 5.9 | 7.20 | 9270 | 67800 | - |
| | | 525 | 1.0 | - | - | - | 1.4 | - | - | - | 1.7 | - | - | - | 2.7 | - | - | - | 5.3 | - | - | - | - |
| | | 559 | 0.9 | 1.21 | 11100 | 84400 | 1.3 | 1.81 | 11100 | 84400 | 1.6 | 2.42 | 11100 | 84400 | 2.5 | 3.63 | 11080 | 84400 | 5.0 | 6.44 | 9800 | 67800 | - |
| | | 595 | 0.8 | - | - | - | 1.3 | - | - | - | 1.5 | - | - | - | 2.4 | - | - | - | 4.7 | - | - | - | - |
| | 649 | 0.8 | 1.04 | 11100 | 84400 | 1.2 | 1.56 | 11100 | 84400 | 1.4 | 2.08 | 11100 | 84400 | 2.2 | 3.13 | 11080 | 84400 | 4.3 | 5.29 | 9310 | 67800 | - | |
| | 731 | 0.7 | 0.92 | 11100 | 84400 | 1.0 | 1.38 | 11100 | 84400 | 1.2 | 1.85 | 11100 | 84400 | 1.9 | 2.77 | 11080 | 84400 | 3.8 | 5.55 | 11100 | 67800 | - | |



| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | | |
|---|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|
| | | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | |
| 622 226-227 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 11 | 45.5 | 48.40 | 9355 | 61400 | 68.2 | 67.80 | 8737 | 54400 | 81.8 | 79.80 | 8569 | 49900 | 127.3 | 95.60 | 6600 | 44100 | - | - | - | - | - |
| | 13 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 15 | 33.3 | 41.70 | 10991 | 67500 | 50.0 | 58.40 | 10262 | 59700 | 60.0 | 71.60 | 10485 | 54700 | 93.3 | 89.80 | 8453 | 48400 | - | - | - | - | - |
| | 17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 21 | 23.8 | 33.60 | 12399 | 74600 | 35.7 | 50.50 | 12423 | 66000 | 42.9 | 63.80 | 13079 | 60600 | 66.7 | 70.80 | 9331 | 53600 | - | - | - | - | - |
| | 25 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 29 | 17.2 | 24.40 | 12434 | 82200 | 25.9 | 36.60 | 12434 | 72700 | 31.0 | 46.30 | 13108 | 66800 | 48.3 | 57.40 | 10447 | 59100 | - | - | - | - | - |
| | 35 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 43 | 11.6 | 18.30 | 13827 | 92500 | 17.4 | 26.50 | 13349 | 81900 | 20.9 | 33.50 | 14062 | 75100 | 32.6 | 45.40 | 12251 | 66500 | - | - | - | - | - |
| | 51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 59 | 8.5 | 13.30 | 13789 | 102000 | 12.7 | 19.30 | 13339 | 90000 | 15.3 | 24.40 | 14054 | 82500 | 23.7 | 33.00 | 12219 | 73100 | - | - | - | - | - |
| | 71 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 87 | 5.7 | 8.12 | 12414 | 115000 | 8.6 | 12.20 | 12434 | 101000 | 10.3 | 16.30 | 13844 | 92700 | 16.1 | 22.70 | 12394 | 82200 | - | - | - | - | - | |
| 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 622/13 344-345 | 104 | 4.8 | - | - | - | 7.2 | - | - | - | 8.7 | - | - | - | 13.5 | - | - | - | 26.9 | - | - | - | - |
| | 121 | 4.1 | 3.85 | 7610 | 126000 | 6.2 | 5.78 | 7620 | 112000 | 7.4 | 7.32 | 7240 | 102000 | 11.6 | 9.72 | 6400 | 90700 | 23.1 | 9.72 | 3210 | 73600 | |
| | 143 | 3.5 | - | - | - | 5.2 | - | - | - | 6.3 | - | - | - | 9.8 | - | - | - | 19.6 | - | - | - | - |
| | 165 | 3.0 | 3.85 | 10400 | 138000 | 4.5 | 5.78 | 10400 | 123000 | 5.5 | 7.32 | 9900 | 113000 | 8.5 | 9.72 | 8740 | 100000 | 17.0 | 9.72 | 4370 | 80900 | |
| | 195 | 2.6 | 3.26 | 10400 | 142000 | 3.8 | 4.89 | 10400 | 128000 | 4.6 | 6.52 | 10400 | 119000 | 7.2 | 9.20 | 9770 | 105000 | 14.4 | 9.20 | 4880 | 85000 | |
| | 231 | 2.2 | 3.30 | 12500 | 142000 | 3.2 | 4.96 | 12500 | 135000 | 3.9 | 6.62 | 12500 | 125000 | 6.1 | 9.72 | 12300 | 110000 | 12.1 | 9.72 | 6120 | 89400 | |
| | 273 | 1.8 | 2.79 | 12500 | 142000 | 2.7 | 4.20 | 12500 | 142000 | 3.3 | 5.60 | 12500 | 130000 | 5.1 | 8.39 | 12500 | 116000 | 10.3 | 9.20 | 6830 | 94000 | |
| | 319 | 1.6 | 2.39 | 12500 | 142000 | 2.4 | 3.59 | 12500 | 142000 | 2.8 | 4.79 | 12500 | 137000 | 4.4 | 7.19 | 12500 | 122000 | 8.8 | 9.72 | 8440 | 99000 | |
| | 357 | 1.4 | 2.14 | 12500 | 142000 | 2.1 | 3.21 | 12500 | 142000 | 2.5 | 4.28 | 12500 | 142000 | 3.9 | 6.42 | 12500 | 125000 | 7.8 | 7.04 | 6840 | 102000 | |
| | 377 | 1.3 | 2.03 | 12500 | 142000 | 2.0 | 3.04 | 12500 | 142000 | 2.4 | 4.05 | 12500 | 142000 | 3.7 | 6.08 | 12500 | 127000 | 7.4 | 9.20 | 9440 | 104000 | |
| | 425 | 1.2 | - | - | - | 1.8 | - | - | - | 2.1 | - | - | - | 3.3 | - | - | - | 6.6 | - | - | - | - |
| | 473 | 1.1 | 1.80 | 13900 | 142000 | 1.6 | 2.71 | 13900 | 142000 | 1.9 | 3.60 | 13900 | 142000 | 3.0 | 5.40 | 13900 | 136000 | 5.9 | 9.72 | 12500 | 111000 | |
| | 525 | 1.0 | - | - | - | 1.4 | - | - | - | 1.7 | - | - | - | 2.7 | - | - | - | 5.3 | - | - | - | - |
| | 559 | 0.9 | 1.52 | 13900 | 142000 | 1.3 | 2.28 | 13900 | 142000 | 1.6 | 3.05 | 13900 | 142000 | 2.5 | 4.57 | 13900 | 142000 | 5.0 | 8.43 | 12800 | 117000 | |
| 595 | 0.8 | - | - | - | 1.3 | - | - | - | 1.5 | - | - | - | 2.4 | - | - | - | 4.7 | - | - | - | - | |
| 649 | 0.8 | 1.31 | 13900 | 142000 | 1.2 | 1.97 | 13900 | 142000 | 1.4 | 2.63 | 13900 | 142000 | 2.2 | 3.94 | 13900 | 142000 | 4.3 | 6.93 | 12300 | 122000 | | |
| 731 | 0.7 | 1.17 | 13900 | 142000 | 1.0 | 1.75 | 13900 | 142000 | 1.2 | 2.63 | 13900 | 142000 | 1.9 | 3.50 | 13900 | 142000 | 3.8 | 6.99 | 13900 | 126000 | | |
| 622/17 348-349 | 104 | 4.8 | - | - | - | 7.2 | - | - | - | 8.7 | - | - | - | 13.5 | - | - | - | - | - | - | - | - |
| | 121 | 4.1 | 4.75 | 9400 | 126000 | 6.2 | 7.14 | 9410 | 112000 | 7.4 | 9.52 | 9410 | 102000 | 11.6 | 14.30 | 9410 | 90700 | - | - | - | - | - |
| | 143 | 3.5 | - | - | - | 5.2 | - | - | - | 6.3 | - | - | - | 9.8 | - | - | - | - | - | - | - | - |
| | 165 | 3.0 | 4.10 | 11100 | 138000 | 4.5 | 6.15 | 11100 | 123000 | 5.5 | 8.19 | 11100 | 113000 | 8.5 | 12.30 | 11100 | 100000 | - | - | - | - | - |
| | 195 | 2.6 | 3.46 | 11100 | 142000 | 3.8 | 5.20 | 11100 | 128000 | 4.6 | 6.93 | 11100 | 119000 | 7.2 | 10.40 | 11100 | 105000 | - | - | - | - | - |
| | 231 | 2.2 | 3.30 | 12500 | 142000 | 3.2 | 4.96 | 12500 | 135000 | 3.9 | 6.62 | 12500 | 125000 | 6.1 | 9.90 | 12500 | 110000 | - | - | - | - | - |
| | 273 | 1.8 | 2.79 | 12500 | 142000 | 2.7 | 4.20 | 12500 | 142000 | 3.3 | 5.60 | 12500 | 130000 | 5.1 | 8.39 | 12500 | 116000 | - | - | - | - | - |
| | 319 | 1.6 | 2.39 | 12500 | 142000 | 2.4 | 3.59 | 12500 | 142000 | 2.8 | 4.79 | 12500 | 137000 | 4.4 | 7.19 | 12500 | 122000 | - | - | - | - | - |
| | 357 | 1.4 | 2.14 | 12500 | 142000 | 2.1 | 3.21 | 12500 | 142000 | 2.5 | 4.28 | 12500 | 142000 | 3.9 | 6.42 | 12500 | 125000 | - | - | - | - | - |
| | 377 | 1.3 | 2.03 | 12500 | 142000 | 2.0 | 3.04 | 12500 | 142000 | 2.4 | 4.05 | 12500 | 142000 | 3.7 | 6.08 | 12500 | 127000 | - | - | - | - | - |
| | 425 | 1.2 | - | - | - | 1.8 | - | - | - | 2.1 | - | - | - | 3.3 | - | - | - | - | - | - | - | - |
| | 473 | 1.1 | 1.80 | 13900 | 142000 | 1.6 | 2.71 | 13900 | 142000 | 1.9 | 3.60 | 13900 | 142000 | 3.0 | 5.40 | 13900 | 136000 | - | - | - | - | - |
| | 525 | 1.0 | - | - | - | 1.4 | - | - | - | 1.7 | - | - | - | 2.7 | - | - | - | - | - | - | - | - |
| | 559 | 0.9 | 1.52 | 13900 | 142000 | 1.3 | 2.28 | 13900 | 142000 | 1.6 | 3.05 | 13900 | 142000 | 2.5 | 4.57 | 13900 | 142000 | - | - | - | - | - |
| 595 | 0.8 | - | - | - | 1.3 | - | - | - | 1.5 | - | - | - | 2.4 | - | - | - | - | - | - | - | - | |
| 649 | 0.8 | 1.31 | 13900 | 142000 | 1.2 | 1.97 | 13900 | 142000 | 1.4 | 2.63 | 13900 | 142000 | 2.2 | 3.94 | 13900 | 142000 | - | - | - | - | - | |
| 731 | 0.7 | 1.17 | 13900 | 142000 | 1.0 | 1.75 | 13900 | 142000 | 1.2 | 2.33 | 13900 | 142000 | 1.9 | 3.50 | 13900 | 142000 | - | - | - | - | - | |

| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | | |
|--|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|--------|
| | | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | |
| 623  | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 11 | 45.5 | 56.90 | 10998 | 76500 | 68.2 | 80.30 | 10348 | 67600 | 81.8 | 92.00 | 9879 | 62100 | - | - | - | - | - | - | - | - | - |
| | 13 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 15 | 33.3 | 52.60 | 13864 | 83900 | 50.0 | 77.30 | 13583 | 74300 | 60.0 | 92.00 | 13472 | 68100 | - | - | - | - | - | - | - | - | - |
| | 17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 21 | 23.8 | 42.80 | 15794 | 92700 | 35.7 | 60.20 | 14810 | 82200 | 42.9 | 73.60 | 15088 | 75400 | - | - | - | - | - | - | - | - | - |
| | 25 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 229 | 29 | 17.2 | 30.90 | 15746 | 102000 | 25.9 | 46.10 | 15661 | 90500 | 31.0 | 55.20 | 15627 | 83000 | - | - | - | - | - | - | - | - |
| | | 35 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | 43 | 11.6 | 23.40 | 17681 | 115000 | 17.4 | 34.80 | 17530 | 102000 | 20.9 | 42.60 | 17882 | 93400 | - | - | - | - | - | - | - | - |
| | | 51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | 59 | 8.5 | 17.10 | 17728 | 127000 | 12.7 | 23.70 | 16381 | 112000 | 15.3 | 29.70 | 17106 | 103000 | - | - | - | - | - | - | - | - |
| | | 71 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 87 | 5.7 | 10.30 | 15746 | 142000 | 8.6 | 15.50 | 15797 | 126000 | 10.3 | 20.60 | 17496 | 116000 | - | - | - | - | - | - | - | - | |
| | 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 623/16  | 104 | 4.8 | - | - | - | 7.2 | - | - | - | 8.7 | - | - | - | 13.5 | - | - | - | 26.9 | - | - | - | |
| | 121 | 4.1 | 5.59 | 11100 | 157000 | 6.2 | 8.37 | 11100 | 139000 | 7.4 | 11.20 | 11100 | 127000 | 11.6 | 16.80 | 11100 | 113000 | 23.1 | 17.70 | 5810 | 91700 | |
| | 143 | 3.5 | - | - | - | 5.2 | - | - | - | 6.3 | - | - | - | 9.8 | - | - | - | 19.6 | - | - | - | |
| | 165 | 3.0 | 5.17 | 13900 | 173000 | 4.5 | 7.75 | 13900 | 161000 | 5.5 | 10.30 | 13900 | 140000 | 8.5 | 15.50 | 13900 | 124000 | 17.0 | 17.70 | 7930 | 101000 | |
| | 195 | 2.6 | 4.37 | 13900 | 175000 | 3.8 | 6.56 | 13900 | 169000 | 4.6 | 8.74 | 13900 | 147000 | 7.2 | 13.10 | 13900 | 130000 | 14.4 | 17.10 | 9060 | 106000 | |
| | 231 | 2.2 | 4.20 | 15900 | 175000 | 3.2 | 6.29 | 15900 | 175000 | 3.9 | 8.39 | 15900 | 155000 | 6.1 | 12.60 | 15900 | 137000 | 12.1 | 17.70 | 11100 | 112000 | |
| | 273 | 1.8 | 3.55 | 15900 | 175000 | 2.7 | 5.32 | 15900 | 175000 | 3.3 | 7.10 | 15900 | 163000 | 5.1 | 10.70 | 15900 | 144000 | 10.3 | 17.00 | 12600 | 117000 | |
| | 319 | 1.6 | 3.04 | 15900 | 175000 | 2.4 | 4.56 | 15900 | 175000 | 2.8 | 6.08 | 15900 | 171000 | 4.4 | 8.96 | 15900 | 151000 | 8.8 | 14.20 | 12400 | 123000 | |
| | 352-353 | 357 | 1.4 | 2.72 | 15900 | 175000 | 2.1 | 4.08 | 15900 | 175000 | 2.5 | 5.43 | 15900 | 175000 | 3.9 | 8.15 | 15900 | 156000 | 7.8 | 15.00 | 14600 | 126000 |
| | | 377 | 1.3 | 2.57 | 15900 | 175000 | 2.0 | 3.85 | 15900 | 175000 | 2.4 | 5.15 | 15900 | 175000 | 3.7 | 7.72 | 15900 | 159000 | 7.4 | 12.80 | 13000 | 128000 |
| | | 425 | 1.2 | - | - | - | 1.8 | - | - | - | 2.1 | - | - | - | 3.3 | - | - | - | 6.6 | - | - | - |
| | | 473 | 1.1 | 2.29 | 17700 | 175000 | 1.6 | 3.45 | 17700 | 175000 | 1.9 | 4.60 | 17700 | 175000 | 3.0 | 6.89 | 17700 | 170000 | 5.9 | 11.40 | 14700 | 138000 |
| | | 525 | 1.0 | - | - | - | 1.4 | - | - | - | 1.7 | - | - | - | 2.7 | - | - | - | 5.3 | - | - | - |
| | | 559 | 0.9 | 1.94 | 17700 | 175000 | 1.3 | 2.92 | 17700 | 175000 | 1.6 | 3.89 | 17700 | 175000 | 2.5 | 5.83 | 17700 | 175000 | 5.0 | 10.10 | 15400 | 145000 |
| | 595 | 0.8 | - | - | - | 1.3 | - | - | - | 1.5 | - | - | - | 2.4 | - | - | - | 4.7 | - | - | - | |
| | 649 | 0.8 | 1.68 | 17700 | 175000 | 1.2 | 2.51 | 17700 | 175000 | 1.4 | 3.35 | 17700 | 175000 | 2.2 | 5.03 | 17700 | 175000 | 4.3 | 8.26 | 14600 | 152000 | |
| | 731 | 0.7 | 1.49 | 17700 | 175000 | 1.0 | 2.24 | 17700 | 175000 | 1.2 | 2.97 | 17700 | 175000 | 1.9 | 4.46 | 17700 | 175000 | 3.8 | 8.42 | 16800 | 157000 | |
| 623/18  | 104 | 4.8 | - | - | - | 7.2 | - | - | - | 8.7 | - | - | - | 13.5 | - | - | - | 26.9 | - | - | - | |
| | 121 | 4.1 | 5.59 | 11100 | 157000 | 6.2 | 8.37 | 11100 | 139000 | 7.4 | 11.20 | 11100 | 127000 | 11.6 | 16.80 | 11100 | 113000 | 23.1 | 17.70 | 5810 | 91700 | |
| | 143 | 3.5 | - | - | - | 5.2 | - | - | - | 6.3 | - | - | - | 9.8 | - | - | - | 19.6 | - | - | - | |
| | 165 | 3.0 | 5.17 | 13900 | 173000 | 4.5 | 7.75 | 13900 | 161000 | 5.5 | 10.30 | 13900 | 140000 | 8.5 | 15.50 | 13900 | 124000 | 17.0 | 17.70 | 7930 | 101000 | |
| | 195 | 2.6 | 4.37 | 13900 | 175000 | 3.8 | 6.56 | 13900 | 169000 | 4.6 | 8.74 | 13900 | 147000 | 7.2 | 13.10 | 13900 | 130000 | 14.4 | 17.10 | 9060 | 106000 | |
| | 231 | 2.2 | 4.20 | 15900 | 175000 | 3.2 | 6.29 | 15900 | 175000 | 3.9 | 8.39 | 15900 | 155000 | 6.1 | 12.60 | 15900 | 137000 | 12.1 | 17.70 | 11100 | 112000 | |
| | 273 | 1.8 | 3.55 | 15900 | 175000 | 2.7 | 5.32 | 15900 | 175000 | 3.3 | 7.10 | 15900 | 163000 | 5.1 | 10.70 | 15900 | 144000 | 10.3 | 17.00 | 12600 | 117000 | |
| | 319 | 1.6 | 3.04 | 15900 | 175000 | 2.4 | 4.56 | 15900 | 175000 | 2.8 | 6.08 | 15900 | 171000 | 4.4 | 8.96 | 15900 | 151000 | 8.8 | 14.20 | 12400 | 123000 | |
| | 356-357 | 357 | 1.4 | 2.72 | 15900 | 175000 | 2.1 | 4.08 | 15900 | 175000 | 2.5 | 5.43 | 15900 | 175000 | 3.9 | 8.15 | 15900 | 156000 | 7.8 | 15.00 | 14600 | 126000 |
| | | 377 | 1.3 | 2.57 | 15900 | 175000 | 2.0 | 3.85 | 15900 | 175000 | 2.4 | 5.15 | 15900 | 175000 | 3.7 | 7.72 | 15900 | 159000 | 7.4 | 12.80 | 13000 | 128000 |
| | | 425 | 1.2 | - | - | - | 1.8 | - | - | - | 2.1 | - | - | - | 3.3 | - | - | - | 6.6 | - | - | - |
| | | 473 | 1.1 | 2.29 | 17700 | 175000 | 1.6 | 3.45 | 17700 | 175000 | 1.9 | 4.60 | 17700 | 175000 | 3.0 | 6.89 | 17700 | 170000 | 5.9 | 11.40 | 14700 | 138000 |
| | | 525 | 1.0 | - | - | - | 1.4 | - | - | - | 1.7 | - | - | - | 2.7 | - | - | - | 5.3 | - | - | - |
| | | 559 | 0.9 | 1.94 | 17700 | 175000 | 1.3 | 2.92 | 17700 | 175000 | 1.6 | 3.89 | 17700 | 175000 | 2.5 | 5.83 | 17700 | 175000 | 5.0 | 10.10 | 15400 | 145000 |
| | 595 | 0.8 | - | - | - | 1.3 | - | - | - | 1.5 | - | - | - | 2.4 | - | - | - | 4.7 | - | - | - | |
| | 649 | 0.8 | 1.68 | 17700 | 175000 | 1.2 | 2.51 | 17700 | 175000 | 1.4 | 3.35 | 17700 | 175000 | 2.2 | 5.03 | 17700 | 175000 | 4.3 | 8.26 | 14600 | 152000 | |
| | 731 | 0.7 | 1.49 | 17700 | 175000 | 1.0 | 2.24 | 17700 | 175000 | 1.2 | 2.97 | 17700 | 175000 | 1.9 | 4.46 | 17700 | 175000 | 3.8 | 8.42 | 16800 | 157000 | |

| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | | | |
|---|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|--------|---|
| | | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | | |
| 624 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 11 | 45.5 | 71.70 | 13859 | 110000 | 68.2 | 102.00 | 13144 | 75400 | 81.8 | 117.00 | 12564 | 69200 | - | - | - | - | - | - | - | - | - | |
| | 13 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 15 | 33.3 | 67.10 | 17686 | 120000 | 50.0 | 96.80 | 17010 | 82700 | 60.0 | 114.00 | 16693 | 76000 | - | - | - | - | - | - | - | - | - | |
| | 17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 21 | 23.8 | 54.30 | 20037 | 131000 | 35.7 | 77.20 | 18992 | 91600 | 42.9 | 94.40 | 19353 | 84000 | - | - | - | - | - | - | - | - | - | |
| | 25 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 231 | 29 | 17.2 | 39.30 | 20027 | 144000 | 25.9 | 57.60 | 19568 | 101000 | 31.0 | 69.10 | 19563 | 92500 | - | - | - | - | - | - | - | - | - |
| | | 35 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | 43 | 11.6 | 30.30 | 22895 | 161000 | 17.4 | 43.50 | 21912 | 114000 | 20.9 | 55.40 | 23256 | 104000 | - | - | - | - | - | - | - | - | - |
| | | 51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | 59 | 8.5 | 22.00 | 22808 | 177000 | 12.7 | 30.50 | 21081 | 125000 | 15.3 | 38.50 | 22175 | 115000 | - | - | - | - | - | - | - | - | - |
| | | 71 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | 87 | 5.7 | 13.10 | 20027 | 197000 | 8.6 | 19.70 | 20078 | 140000 | 10.3 | 26.30 | 22337 | 128000 | - | - | - | - | - | - | - | - | - |
| | 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 624/16 | 104 | 4.8 | - | - | - | 7.2 | - | - | - | 8.7 | - | - | - | 13.5 | - | - | - | 26.9 | - | - | - | - | |
| | 121 | 4.1 | 7.04 | 13900 | 175000 | 6.2 | 10.60 | 13900 | 155000 | 7.4 | 14.10 | 13900 | 142000 | 11.6 | 17.70 | 11700 | 125000 | 23.1 | 17.70 | 5810 | 102000 | - | |
| | 143 | 3.5 | - | - | - | 5.2 | - | - | - | 6.3 | - | - | - | 9.8 | - | - | - | 19.6 | - | - | - | - | |
| | 165 | 3.0 | 6.59 | 17700 | 192000 | 4.5 | 9.90 | 17700 | 170000 | 5.5 | 13.10 | 17700 | 156000 | 8.5 | 17.70 | 15900 | 138000 | 17.0 | 17.70 | 7930 | 112000 | - | |
| | 195 | 2.6 | 5.58 | 17700 | 202000 | 3.8 | 8.36 | 17700 | 178000 | 4.6 | 11.20 | 17700 | 164000 | 7.2 | 16.80 | 17700 | 145000 | 14.4 | 17.10 | 9060 | 118000 | - | |
| | 231 | 2.2 | 5.34 | 20200 | 204000 | 3.2 | 8.01 | 20200 | 188000 | 3.9 | 10.70 | 20200 | 173000 | 6.1 | 16.00 | 20200 | 153000 | 12.1 | 17.70 | 11100 | 125000 | - | |
| | 273 | 1.8 | 4.52 | 20200 | 204000 | 2.7 | 6.78 | 20200 | 198000 | 3.3 | 9.04 | 20200 | 181000 | 5.1 | 13.50 | 20200 | 161000 | 10.3 | 17.10 | 12600 | 130000 | - | |
| | 319 | 1.6 | 3.87 | 20200 | 204000 | 2.4 | 5.80 | 20200 | 204000 | 2.8 | 7.74 | 20200 | 190000 | 4.4 | 11.60 | 20200 | 169000 | 8.8 | 14.20 | 15300 | 136000 | - | |
| | 360-361 | 357 | 1.4 | 3.46 | 20200 | 204000 | 2.1 | 5.19 | 20200 | 204000 | 2.5 | 6.91 | 20200 | 197000 | 3.9 | 10.40 | 20200 | 175000 | 7.8 | 15.00 | 14600 | 141000 | - |
| | | 377 | 1.3 | 3.27 | 20200 | 204000 | 2.0 | 4.91 | 20200 | 204000 | 2.4 | 6.55 | 20200 | 200000 | 3.7 | 9.80 | 20200 | 176000 | 7.4 | 12.80 | 16500 | 144000 | - |
| | | 425 | 1.2 | - | - | - | 1.8 | - | - | - | 2.1 | - | - | - | 3.3 | - | - | - | 6.6 | - | - | - | - |
| | | 473 | 1.1 | 2.98 | 23000 | 204000 | 1.6 | 4.47 | 23000 | 204000 | 1.9 | 5.96 | 23000 | 204000 | 3.0 | 8.94 | 23000 | 189000 | 5.9 | 11.40 | 18700 | 154000 | - |
| | | 525 | 1.0 | - | - | - | 1.4 | - | - | - | 1.7 | - | - | - | 2.7 | - | - | - | 5.3 | - | - | - | - |
| | | 559 | 0.9 | 2.52 | 23000 | 204000 | 1.3 | 3.78 | 23000 | 204000 | 1.6 | 5.05 | 23000 | 204000 | 2.5 | 7.57 | 23000 | 199000 | 5.0 | 10.10 | 19900 | 162000 | - |
| | | 595 | 0.8 | - | - | - | 1.3 | - | - | - | 1.5 | - | - | - | 2.4 | - | - | - | 4.7 | - | - | - | - |
| | 649 | 0.8 | 2.18 | 23000 | 204000 | 1.2 | 3.25 | 23000 | 204000 | 1.4 | 4.34 | 23000 | 204000 | 2.2 | 6.52 | 23000 | 204000 | 4.3 | 8.30 | 18700 | 170000 | - | |
| | 731 | 0.7 | 1.93 | 23000 | 204000 | 1.0 | 2.89 | 23000 | 204000 | 1.2 | 3.86 | 23000 | 204000 | 1.9 | 5.78 | 23000 | 204000 | 3.8 | 8.40 | 21800 | 175000 | - | |
| 624/18 | 104 | 4.8 | - | - | - | 7.2 | - | - | - | 8.7 | - | - | - | 13.5 | - | - | - | 26.9 | - | - | - | - | |
| | 121 | 4.1 | 7.04 | 13900 | 175000 | 6.2 | 10.60 | 13900 | 155000 | 7.4 | 14.10 | 13900 | 142000 | 11.6 | 17.70 | 11700 | 125000 | 23.1 | 17.70 | 5810 | 102000 | - | |
| | 143 | 3.5 | - | - | - | 5.2 | - | - | - | 6.3 | - | - | - | 9.8 | - | - | - | 19.6 | - | - | - | - | |
| | 165 | 3.0 | 6.59 | 17700 | 192000 | 4.5 | 9.90 | 17700 | 170000 | 5.5 | 13.10 | 17700 | 156000 | 8.5 | 17.70 | 15900 | 138000 | 17.0 | 17.70 | 7930 | 112000 | - | |
| | 195 | 2.6 | 5.58 | 17700 | 202000 | 3.8 | 8.36 | 17700 | 178000 | 4.6 | 11.20 | 17700 | 164000 | 7.2 | 16.80 | 17700 | 145000 | 14.4 | 17.10 | 9060 | 118000 | - | |
| | 231 | 2.2 | 5.34 | 20200 | 204000 | 3.2 | 8.01 | 20200 | 188000 | 3.9 | 10.70 | 20200 | 173000 | 6.1 | 16.00 | 20200 | 153000 | 12.1 | 17.70 | 11100 | 125000 | - | |
| | 273 | 1.8 | 4.52 | 20200 | 204000 | 2.7 | 6.78 | 20200 | 198000 | 3.3 | 9.04 | 20200 | 181000 | 5.1 | 13.50 | 20200 | 161000 | 10.3 | 17.10 | 12600 | 130000 | - | |
| | 319 | 1.6 | 3.87 | 20200 | 204000 | 2.4 | 5.80 | 20200 | 204000 | 2.8 | 7.74 | 20200 | 190000 | 4.4 | 11.60 | 20200 | 169000 | 8.8 | 14.20 | 15300 | 136000 | - | |
| | 364-365 | 357 | 1.4 | 3.46 | 20200 | 204000 | 2.1 | 5.19 | 20200 | 204000 | 2.5 | 6.91 | 20200 | 197000 | 3.9 | 10.40 | 20200 | 175000 | 7.8 | 15.00 | 14600 | 141000 | - |
| | | 377 | 1.3 | 3.27 | 20200 | 204000 | 2.0 | 4.91 | 20200 | 204000 | 2.4 | 6.55 | 20200 | 200000 | 3.7 | 9.80 | 20200 | 176000 | 7.4 | 12.80 | 16500 | 144000 | - |
| | | 425 | 1.2 | - | - | - | 1.8 | - | - | - | 2.1 | - | - | - | 3.3 | - | - | - | 6.6 | - | - | - | - |
| | | 473 | 1.1 | 2.98 | 23000 | 204000 | 1.6 | 4.47 | 23000 | 204000 | 1.9 | 5.96 | 23000 | 204000 | 3.0 | 8.94 | 23000 | 189000 | 5.9 | 11.40 | 18700 | 154000 | - |
| | | 525 | 1.0 | - | - | - | 1.4 | - | - | - | 1.7 | - | - | - | 2.7 | - | - | - | 5.3 | - | - | - | - |
| | | 559 | 0.9 | 2.52 | 23000 | 204000 | 1.3 | 3.78 | 23000 | 204000 | 1.6 | 5.05 | 23000 | 204000 | 2.5 | 7.57 | 23000 | 199000 | 5.0 | 10.10 | 19900 | 162000 | - |
| | | 595 | 0.8 | - | - | - | 1.3 | - | - | - | 1.5 | - | - | - | 2.4 | - | - | - | 4.7 | - | - | - | - |
| | 649 | 0.8 | 2.18 | 23000 | 204000 | 1.2 | 3.25 | 23000 | 204000 | 1.4 | 4.34 | 23000 | 204000 | 2.2 | 6.52 | 23000 | 204000 | 4.3 | 8.30 | 18700 | 170000 | - | |
| | 731 | 0.7 | 1.93 | 23000 | 204000 | 1.0 | 2.89 | 23000 | 204000 | 1.2 | 3.86 | 23000 | 204000 | 1.9 | 5.78 | 23000 | 204000 | 3.8 | 8.40 | 21800 | 175000 | - | |

| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | | | |
|---|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|---|
| | | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | | |
| 625  | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 11 | 45.5 | 93.20 | 18015 | 110000 | 68.2 | 137.00 | 17654 | 97600 | 81.8 | 141.00 | 15141 | 90000 | - | - | - | - | - | - | - | - | - | |
| | 13 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 15 | 33.3 | 88.70 | 23380 | 120000 | 50.0 | 120.00 | 21086 | 107000 | 60.0 | 140.00 | 20501 | 98000 | - | - | - | - | - | - | - | - | - | |
| | 17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 21 | 23.8 | 71.30 | 26311 | 131000 | 35.7 | 103.00 | 25339 | 118000 | 42.9 | 117.00 | 23986 | 108000 | - | - | - | - | - | - | - | - | - | |
| | 25 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 233 | 29 | 17.2 | 51.60 | 26295 | 144000 | 25.9 | 75.90 | 25785 | 128000 | 31.0 | 94.40 | 26725 | 119000 | - | - | - | - | - | - | - | - | - |
| | | 35 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | 43 | 11.6 | 40.00 | 30224 | 161000 | 17.4 | 58.80 | 29619 | 143000 | 20.9 | 67.50 | 28335 | 132000 | - | - | - | - | - | - | - | - | - |
| | | 51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | 59 | 8.5 | 29.10 | 30169 | 177000 | 12.7 | 42.80 | 29582 | 157000 | 15.3 | 55.20 | 31794 | 145000 | - | - | - | - | - | - | - | - | - |
| | | 71 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | 87 | 5.7 | 17.20 | 26295 | 197000 | 8.6 | 25.30 | 25785 | 176000 | 10.3 | 33.70 | 28622 | 162000 | - | - | - | - | - | - | - | - | - |
| | 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 625/17  | 104 | 4.8 | - | - | - | 7.2 | - | - | - | 8.7 | - | - | - | 13.5 | - | - | - | - | - | - | - | - | |
| | 121 | 4.1 | 8.98 | 17700 | 216000 | 6.2 | 13.40 | 17700 | 192000 | 7.4 | 17.90 | 17700 | 177000 | 11.6 | 27.00 | 17700 | 158000 | - | - | - | - | - | |
| | 143 | 3.5 | - | - | - | 5.2 | - | - | - | 6.3 | - | - | - | 9.8 | - | - | - | - | - | - | - | - | |
| | 165 | 3.0 | 8.55 | 23000 | 235000 | 4.5 | 12.80 | 23000 | 210000 | 5.5 | 17.10 | 23000 | 194000 | 8.5 | 25.70 | 23000 | 173000 | - | - | - | - | - | |
| | 195 | 2.6 | 7.24 | 23000 | 247000 | 3.8 | 10.90 | 23000 | 221000 | 4.6 | 14.50 | 23000 | 203000 | 7.2 | 21.70 | 23000 | 181000 | - | - | - | - | - | |
| | 231 | 2.2 | 6.87 | 25900 | 253000 | 3.2 | 10.30 | 25900 | 231000 | 3.9 | 13.70 | 25900 | 213000 | 6.1 | 20.60 | 25900 | 190000 | - | - | - | - | - | |
| | 273 | 1.8 | 5.81 | 25900 | 253000 | 2.7 | 8.70 | 25900 | 242000 | 3.3 | 11.70 | 25900 | 224000 | 5.1 | 17.50 | 25900 | 199000 | - | - | - | - | - | |
| | 319 | 1.6 | 4.97 | 25900 | 253000 | 2.4 | 7.46 | 25900 | 253000 | 2.8 | 9.90 | 25900 | 233000 | 4.4 | 14.90 | 25900 | 208000 | - | - | - | - | - | |
| | 368-369 | 357 | 1.4 | 4.44 | 25900 | 253000 | 2.1 | 6.67 | 25900 | 253000 | 2.5 | 8.89 | 25900 | 241000 | 3.9 | 13.30 | 25900 | 215000 | - | - | - | - | - |
| | | 377 | 1.3 | 4.21 | 25900 | 253000 | 2.0 | 6.31 | 25900 | 253000 | 2.4 | 8.41 | 25900 | 245000 | 3.7 | 12.70 | 25900 | 219000 | - | - | - | - | - |
| | | 425 | 1.2 | - | - | - | 1.8 | - | - | - | 2.1 | - | - | - | 3.3 | - | - | - | - | - | - | - | - |
| | | 473 | 1.1 | 3.85 | 29800 | 253000 | 1.6 | 5.77 | 29800 | 253000 | 1.9 | 7.71 | 29800 | 253000 | 3.0 | 11.60 | 29800 | 232000 | - | - | - | - | - |
| | | 525 | 1.0 | - | - | - | 1.4 | - | - | - | 1.7 | - | - | - | 2.7 | - | - | - | - | - | - | - | - |
| | | 559 | 0.9 | 3.25 | 29800 | 253000 | 1.3 | 4.89 | 29800 | 253000 | 1.6 | 6.52 | 29800 | 253000 | 2.5 | 9.80 | 29800 | 244000 | - | - | - | - | - |
| | | 595 | 0.8 | - | - | - | 1.3 | - | - | - | 1.5 | - | - | - | 2.4 | - | - | - | - | - | - | - | - |
| | 649 | 0.8 | 2.80 | 29800 | 253000 | 1.2 | 4.21 | 29800 | 253000 | 1.4 | 5.62 | 29800 | 253000 | 2.2 | 8.40 | 29800 | 253000 | - | - | - | - | - | |
| | 731 | 0.7 | 2.49 | 29800 | 253000 | 1.0 | 3.74 | 29800 | 253000 | 1.2 | 4.98 | 29800 | 253000 | 1.9 | 7.50 | 29800 | 253000 | - | - | - | - | - | |
| 625/19  | 104 | 4.8 | - | - | - | 7.2 | - | - | - | 8.7 | - | - | - | 13.5 | - | - | - | - | - | - | - | - | |
| | 121 | 4.1 | 8.98 | 17700 | 216000 | 6.2 | 13.40 | 17700 | 192000 | 7.4 | 17.90 | 17700 | 177000 | 11.6 | 27.00 | 17700 | 158000 | - | - | - | - | - | |
| | 143 | 3.5 | - | - | - | 5.2 | - | - | - | 6.3 | - | - | - | 9.8 | - | - | - | - | - | - | - | - | |
| | 165 | 3.0 | 8.55 | 23000 | 235000 | 4.5 | 12.80 | 23000 | 210000 | 5.5 | 17.10 | 23000 | 194000 | 8.5 | 25.70 | 23000 | 173000 | - | - | - | - | - | |
| | 195 | 2.6 | 7.24 | 23000 | 247000 | 3.8 | 10.90 | 23000 | 221000 | 4.6 | 14.50 | 23000 | 203000 | 7.2 | 21.70 | 23000 | 181000 | - | - | - | - | - | |
| | 231 | 2.2 | 6.87 | 25900 | 253000 | 3.2 | 10.30 | 25900 | 231000 | 3.9 | 13.70 | 25900 | 213000 | 6.1 | 20.60 | 25900 | 190000 | - | - | - | - | - | |
| | 273 | 1.8 | 5.81 | 25900 | 253000 | 2.7 | 8.70 | 25900 | 242000 | 3.3 | 11.70 | 25900 | 224000 | 5.1 | 17.50 | 25900 | 199000 | - | - | - | - | - | |
| | 319 | 1.6 | 4.97 | 25900 | 253000 | 2.4 | 7.46 | 25900 | 253000 | 2.8 | 9.90 | 25900 | 233000 | 4.4 | 14.90 | 25900 | 208000 | - | - | - | - | - | |
| | 372-373 | 357 | 1.4 | 4.44 | 25900 | 253000 | 2.1 | 6.67 | 25900 | 253000 | 2.5 | 8.89 | 25900 | 241000 | 3.9 | 13.30 | 25900 | 215000 | - | - | - | - | - |
| | | 377 | 1.3 | 4.21 | 25900 | 253000 | 2.0 | 6.31 | 25900 | 253000 | 2.4 | 8.41 | 25900 | 245000 | 3.7 | 12.70 | 25900 | 219000 | - | - | - | - | - |
| | | 425 | 1.2 | - | - | - | 1.8 | - | - | - | 2.1 | - | - | - | 3.3 | - | - | - | - | - | - | - | - |
| | | 473 | 1.1 | 3.85 | 29800 | 253000 | 1.6 | 5.77 | 29800 | 253000 | 1.9 | 7.71 | 29800 | 253000 | 3.0 | 11.60 | 29800 | 232000 | - | - | - | - | - |
| | | 525 | 1.0 | - | - | - | 1.4 | - | - | - | 1.7 | - | - | - | 2.7 | - | - | - | - | - | - | - | - |
| | | 559 | 0.9 | 3.25 | 29800 | 253000 | 1.3 | 4.89 | 29800 | 253000 | 1.6 | 6.52 | 29800 | 253000 | 2.5 | 9.80 | 29800 | 244000 | - | - | - | - | - |
| | | 595 | 0.8 | - | - | - | 1.3 | - | - | - | 1.5 | - | - | - | 2.4 | - | - | - | - | - | - | - | - |
| | 649 | 0.8 | 2.80 | 29800 | 253000 | 1.2 | 4.21 | 29800 | 253000 | 1.4 | 5.62 | 29800 | 253000 | 2.2 | 8.40 | 29800 | 253000 | - | - | - | - | - | |
| | 731 | 0.7 | 2.49 | 29800 | 253000 | 1.0 | 3.74 | 29800 | 253000 | 1.2 | 4.98 | 29800 | 253000 | 1.9 | 7.50 | 29800 | 253000 | - | - | - | - | - | |

| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | |
|---|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|
| | | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} |
| 626  mm 235 | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 11 | 45.5 | 119.00 | 23002 | 128000 | 68.2 | 170.00 | 21906 | 113000 | 81.8 | 170.00 | 18255 | 103000 | - | - | - | - | - | - | - | - |
| | 13 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 15 | 33.3 | 113.00 | 29785 | 139000 | 50.0 | 162.00 | 28467 | 124000 | 60.0 | 170.00 | 24894 | 114000 | - | - | - | - | - | - | - | - |
| | 17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 21 | 23.8 | 93.10 | 34355 | 154000 | 35.7 | 131.00 | 32227 | 136000 | 42.9 | 141.00 | 28906 | 126000 | - | - | - | - | - | - | - | - |
| | 25 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 29 | 17.2 | 67.50 | 34397 | 170000 | 25.9 | 101.00 | 34312 | 151000 | 31.0 | 135.00 | 38219 | 138000 | - | - | - | - | - | - | - | - |
| | 35 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 43 | 11.6 | 52.50 | 39669 | 191000 | 17.4 | 75.70 | 38132 | 170000 | 20.9 | 94.00 | 39459 | 156000 | - | - | - | - | - | - | - | - |
| | 51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 59 | 8.5 | 38.20 | 39604 | 211000 | 12.7 | 57.40 | 39673 | 186000 | 15.3 | 74.00 | 42622 | 171000 | - | - | - | - | - | - | - | - |
| | 71 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 87 | 5.7 | 22.50 | 34397 | 236000 | 8.6 | 33.70 | 34346 | 210000 | 10.3 | 45.00 | 38219 | 192000 | - | - | - | - | - | - | - | - |
| | 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 626/19  mm 376-377 | 104 | 4.8 | - | - | - | 7.2 | - | - | - | 8.7 | - | - | - | 13.5 | - | - | - | - | - | - | |
| | 121 | 4.1 | 11.70 | 23000 | 261000 | 6.2 | 17.50 | 23000 | 231000 | 7.4 | 23.30 | 23000 | 212000 | 11.6 | 35.00 | 23000 | 187000 | - | - | - | |
| | 143 | 3.5 | - | - | - | 5.2 | - | - | - | 6.3 | - | - | - | 9.8 | - | - | - | - | - | - | |
| | 165 | 3.0 | 11.10 | 29800 | 270600 | 4.5 | 16.60 | 29800 | 254000 | 5.5 | 22.10 | 29800 | 232000 | 8.5 | 33.10 | 29800 | 206000 | - | - | - | |
| | 195 | 2.6 | 9.34 | 29800 | 270600 | 3.8 | 14.00 | 29800 | 267000 | 4.6 | 18.70 | 29800 | 245000 | 7.2 | 28.00 | 29800 | 206000 | - | - | - | |
| | 231 | 2.2 | 9.16 | 34600 | 270600 | 3.2 | 13.70 | 34600 | 271000 | 3.9 | 18.30 | 34600 | 258000 | 6.1 | 27.50 | 34600 | 227000 | - | - | - | |
| | 273 | 1.8 | 7.75 | 34600 | 270600 | 2.7 | 11.70 | 34600 | 271000 | 3.3 | 15.50 | 34600 | 271000 | 5.1 | 23.20 | 34600 | 239000 | - | - | - | |
| | 319 | 1.6 | 6.63 | 34600 | 270600 | 2.4 | 9.90 | 34600 | 271000 | 2.8 | 13.20 | 34600 | 271000 | 4.4 | 19.60 | 34000 | 251000 | - | - | - | |
| | 357 | 1.4 | 5.92 | 34600 | 270600 | 2.1 | 8.89 | 34600 | 271000 | 2.5 | 11.90 | 34600 | 271000 | 3.9 | 17.80 | 34600 | 260000 | - | - | - | |
| | 377 | 1.3 | 5.61 | 34600 | 270600 | 2.0 | 8.41 | 34600 | 271000 | 2.4 | 11.20 | 34600 | 271000 | 3.7 | 16.90 | 34600 | 264000 | - | - | - | |
| | 425 | 1.2 | - | - | - | 1.8 | - | - | - | 2.1 | - | - | - | 3.3 | - | - | - | - | - | - | |
| | 473 | 1.1 | 5.16 | 39800 | 270600 | 1.6 | 7.74 | 39800 | 271000 | 1.9 | 10.30 | 39800 | 271000 | 3.0 | 15.50 | 39800 | 271000 | - | - | - | |
| | 525 | 1.0 | - | - | - | 1.4 | - | - | - | 1.7 | - | - | - | 2.7 | - | - | - | - | - | - | |
| | 559 | 0.9 | 4.36 | 39800 | 270600 | 1.3 | 6.54 | 39800 | 271000 | 1.6 | 8.73 | 39800 | 271000 | 2.5 | 13.00 | 39800 | 271000 | - | - | - | |
| | 595 | 0.8 | - | - | - | 1.3 | - | - | - | 1.5 | - | - | - | 2.4 | - | - | - | - | - | - | |
| | 649 | 0.8 | 3.75 | 39800 | 270600 | 1.2 | 5.64 | 39800 | 271000 | 1.4 | 7.51 | 39800 | 271000 | 2.2 | 11.30 | 39800 | 271000 | - | - | - | |
| 731 | 0.7 | 3.33 | 39800 | 270600 | 1.0 | 5.00 | 39800 | 271000 | 1.2 | 6.68 | 39800 | 271000 | 1.9 | 10.00 | 39800 | 271000 | - | - | - | | |

| Tip / Type / Typ / Tipo / Type / Tipo | i _{ges} | n ₁ = 500 min ⁻¹ | | | | n ₁ = 750 min ⁻¹ | | | | n ₁ = 900 min ⁻¹ | | | | n ₁ = 1400 min ⁻¹ | | | | n ₁ = 2800 min ⁻¹ | | | | |
|---|------------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|--|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|----------------|----------------|-----------------|---|
| | | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | n ₂ | P ₁ | M ₂ | F _{R2} | |
| 627  | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 11 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 13 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 17 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 21 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 25 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 237 | 29 | 17.2 | 98.00 | 49940 | 192000 | 25.9 | 130.00 | 44164 | 192000 | 31.0 | 141.00 | 39918 | 192000 | - | - | - | - | - | - | - | - |
| | | 35 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | 43 | 11.6 | 76.90 | 58105 | 192000 | 17.4 | 102.00 | 51381 | 192000 | 20.9 | 125.00 | 52472 | 192000 | - | - | - | - | - | - | - | - |
| | | 51 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | | 59 | 8.5 | 57.20 | 59302 | 192000 | 12.7 | 81.50 | 56330 | 192000 | 15.3 | 100.00 | 57597 | 192000 | - | - | - | - | - | - | - | - |
| | | 71 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 87 | 5.7 | 32.30 | 49379 | 192000 | 8.6 | 42.80 | 43621 | 192000 | 10.3 | 50.30 | 42720 | 192000 | - | - | - | - | - | - | - | - | |
| | 119 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 627/19  | 104 | 4.8 | - | - | - | 7.2 | - | - | - | 8.7 | - | - | - | 13.5 | - | - | - | - | - | - | - | |
| | 121 | 4.1 | - | - | - | 6.2 | - | - | - | 7.4 | - | - | - | 11.6 | - | - | - | - | - | - | - | |
| | 143 | 3.5 | - | - | - | 5.2 | - | - | - | 6.3 | - | - | - | 9.8 | - | - | - | - | - | - | - | |
| | 165 | 3.0 | - | - | - | 4.5 | - | - | - | 5.5 | - | - | - | 8.5 | - | - | - | - | - | - | - | |
| | 195 | 2.6 | - | - | - | 3.8 | - | - | - | 4.6 | - | - | - | 7.2 | - | - | - | - | - | - | - | |
| | 231 | 2.2 | - | - | - | 3.2 | - | - | - | 3.9 | - | - | - | 6.1 | - | - | - | - | - | - | - | |
| | 273 | 1.8 | - | - | - | 2.7 | - | - | - | 3.3 | - | - | - | 5.1 | - | - | - | - | - | - | - | |
| | 319 | 1.6 | 11.40 | 59500 | 192000 | 2.4 | 17.20 | 59500 | 192000 | 2.8 | 22.80 | 59500 | 192000 | 4.4 | 32.40 | 56300 | 192000 | - | - | - | - | |
| | 357 | 1.4 | - | - | - | 2.1 | - | - | - | 2.5 | - | - | - | 3.9 | - | - | - | - | - | - | - | |
| | 377 | 1.3 | 9.67 | 59500 | 192000 | 2.0 | 14.50 | 59500 | 192000 | 2.4 | 19.30 | 59500 | 192000 | 3.7 | 29.00 | 59500 | 192000 | - | - | - | - | |
| | 425 | 1.2 | - | - | - | 1.8 | - | - | - | 2.1 | - | - | - | 3.3 | - | - | - | - | - | - | - | |
| | 473 | 1.1 | 7.71 | 59500 | 192000 | 1.6 | 11.60 | 59500 | 192000 | 1.9 | 15.40 | 59500 | 192000 | 3.0 | 23.10 | 59500 | 192000 | - | - | - | - | |
| | 525 | 1.0 | - | - | - | 1.4 | - | - | - | 1.7 | - | - | - | 2.7 | - | - | - | - | - | - | - | |
| | 559 | 0.9 | 6.52 | 59500 | 192000 | 1.3 | 9.77 | 59500 | 192000 | 1.6 | 13.00 | 59500 | 192000 | 2.5 | 19.50 | 59500 | 192000 | - | - | - | - | |
| 595 | 0.8 | - | - | - | 1.3 | - | - | - | 1.5 | - | - | - | 2.4 | - | - | - | - | - | - | - | | |
| 649 | 0.8 | 5.62 | 59500 | 192000 | 1.2 | 8.42 | 59500 | 192000 | 1.4 | 11.30 | 59500 | 192000 | 2.2 | 16.90 | 59500 | 192000 | - | - | - | - | | |
| 731 | 0.7 | 4.98 | 59500 | 192000 | 1.0 | 7.48 | 59500 | 192000 | 1.2 | 10.00 | 59500 | 192000 | 1.9 | 15.00 | 59500 | 192000 | - | - | - | - | | |



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TR GENEL PARÇA LİSTESİ

EN GENERAL PART LIST

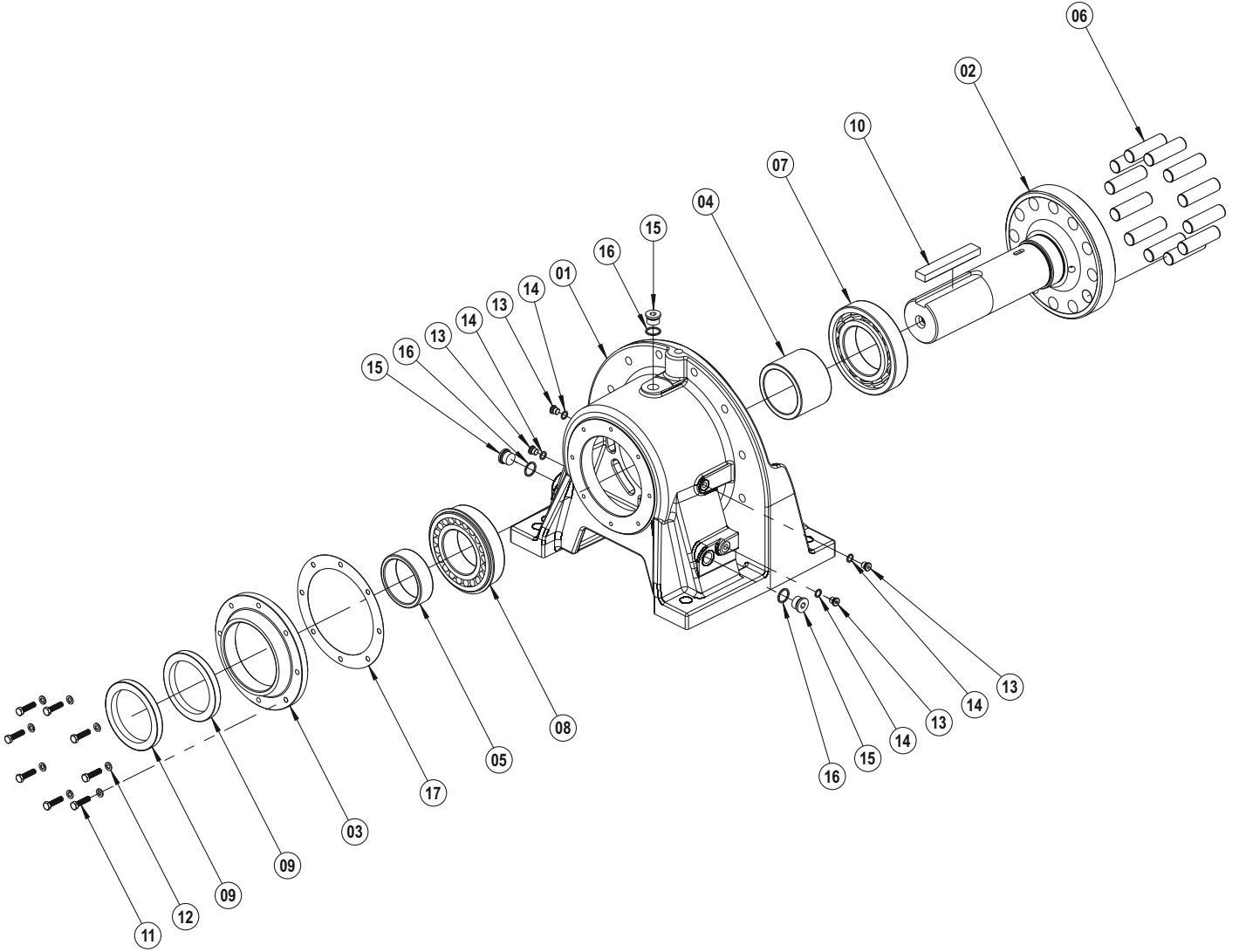
DE ALLGEMEINE TEILELISTE

IT GENERALE ELENCO DELLE PARTI

FR GÉNÉRALE LA LISTE DES PIÈCES

ES LISTE DE PIEZAS EN GENERAL

**PCD 607-627 H ÇIKIŞ KİTİ / PCD 607-627 H OUTPUT KIT / PCD 607-627 H ABTRIEBSBAUSATZ /
PCD 607-627 KIT USCITA H / PCD 607-627 KIT DE SORTIE H / PCD 607-627 KIT DE SALIDA H**



| | | | | | | |
|----|----------------------|--------------------|---------------------------|-----------------------------------|---------------------------------|--------------------------------|
| 01 | Gövde | Gear Case | Gehäuse | Ingranaggi Box | Corps | La caja de engranajes |
| 02 | Çıkış Mili | Output Shaft | Abtriebswelle | Albero di uscita | Arbre de sortie | Eje de salida |
| 03 | Gövde Kapağı | Output Cover | Gehäusedeckel | Coperchio della custodia | Couvercle du carter | Tapá de la carcasa |
| 04 | Burç | Spacer | Distanzbuchse | Distanziatore | Bague de réduction | Espaciador |
| 05 | Çıkış Bagası | Output Collar | Abtriebsdistanzscheibe | Distanziatore di uscita | Sac de sortie | Espaciador de salida |
| 06 | Mil Tahrik Pimi | Shaft Pin | Welle antriebs Bolzen | Perno di trasmissione dell'albero | Goupille d'entraînement d'arbre | Pasador de transmisión del eje |
| 07 | Rulman | Bearing | Kugellager | Cuscinetto | Roulement à billes | Rodamiento de bolas |
| 08 | Rulman | Bearing | Kugellager | Cuscinetto | Roulement à billes | Rodamiento de bolas |
| 09 | Yağ Keçesi | Oil Seal | Öldichtung | Paraolio | Joint Huile | sello de aceite |
| 10 | Kama B (DIN 6885) | Key B (DIN 6885) | Passfeder B (DIN 6885) | Chiavetta B (DIN 6885) | Clavette B (DIN 6885) | Clave B (DIN 6885) |
| 11 | Cıvata (DIN 933) | Bolt (DIN 933) | Verschrauben (DIN 933) | Bullone (DIN 933) | Boulonner (DIN 933) | Atomillar (DIN 933) |
| 12 | Rondela (DIN 127) | Washer (DIN 127) | Distanzscheibe (DIN 127) | Rondella (DIN 127) | Rondelle (DIN 127) | El apoyo a disco (DIN 127) |
| 13 | Yağ Tapası (DIN 908) | Oil Plug (DIN 908) | Ölstöpsel (DIN 908) | Olio Tappo (DIN 908) | Bouchon d'huile (DIN 908) | Tapón (DIN 908) |
| 14 | Rondela (DIN 7603) | Washer (DIN 7603) | Distanzscheibe (DIN 7603) | Rondella (DIN 7603) | Rondelle (DIN 7603) | El apoyo a disco (DIN 7603) |
| 15 | Yağ Tapası (DIN 908) | Oil Plug (DIN 908) | Ölstöpsel (DIN 908) | Olio Tappo (DIN 908) | Bouchon d'huile (DIN 908) | Tapón (DIN 908) |
| 16 | Rondela (DIN 7603) | Washer (DIN 7603) | Distanzscheibe (DIN 7603) | Rondella (DIN 7603) | Rondelle (DIN 7603) | El apoyo a disco (DIN 7603) |
| 17 | Conta | Gasket | Dichtung | Sigillo | Joint | Sellar |

TR GENEL PARÇA LİSTESİ

EN GENERAL PART LIST

DE ALLGEMEINE TEILELISTE

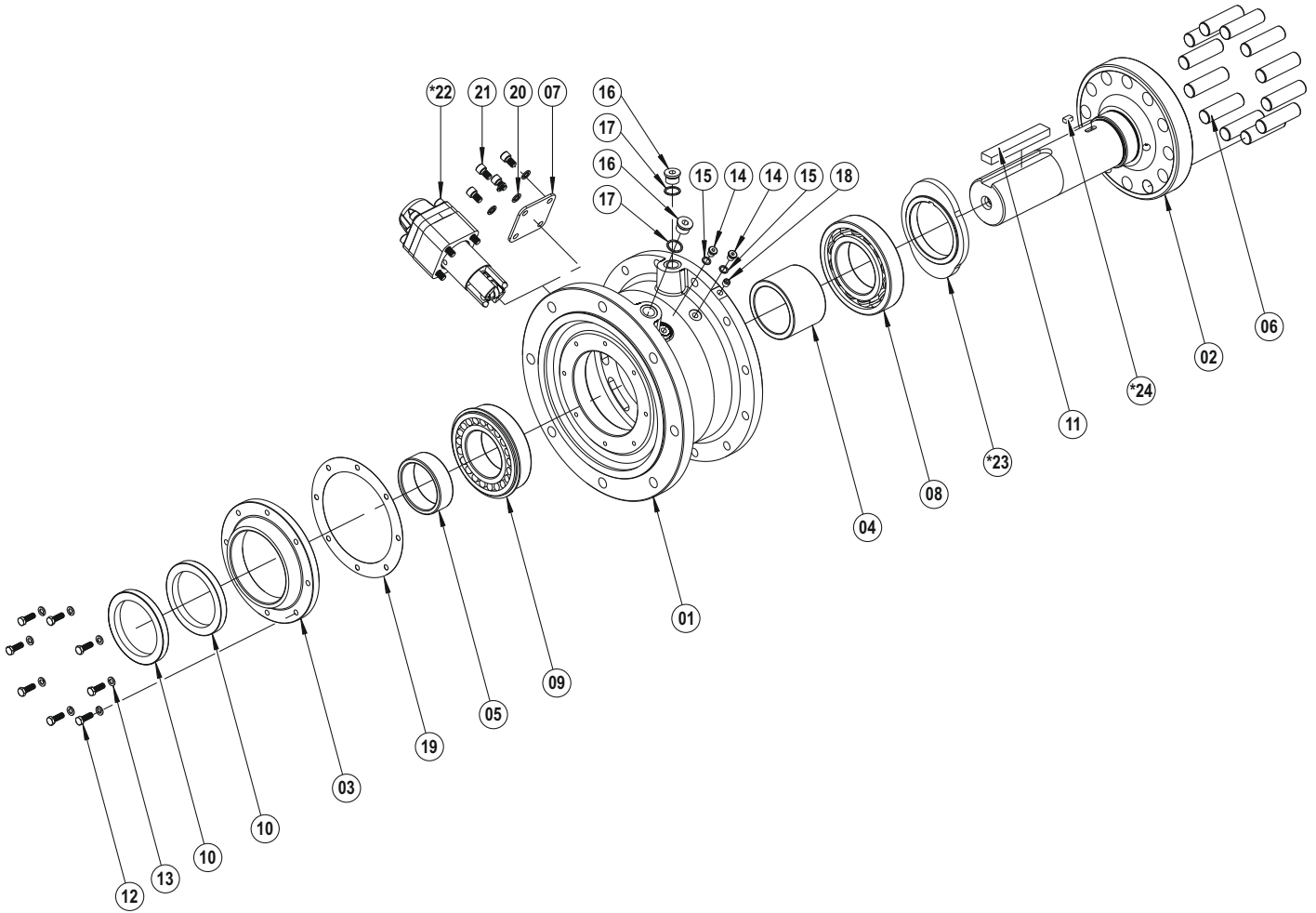
IT GENERALE ELENCO DELLE PARTI

FR GÉNÉRALE LA LISTE DES PIÈCES

ES LISTE DE PIEZAS EN GENERAL

**PCD 607-627 V ÇIKIŞ KİTİ / PCD 607-627 V OUTPUT KIT / PCD 607-627 V ABTRIEBSBAUSATZ /
PCD 607-627 KIT USCITA V / PCD 607-627 KIT DE SORTIE V / PCD 607-627 KIT DE SALIDA V**

* Not: M4 Montaj Pozisyonunda Yıldızlı Parçalar Eklenicek / * Note: Starred Parts Will Be Added in M4 Mounting Position / * Diese Teilen mit sterne symbolen werden M4 Montage Position beifügen / * Nota: le parti con stella verranno aggiunte nella posizione di montaggio M4 / * Remarque: les pièces étoilées seront ajoutées dans la position de montage M4 / * Nota: Las partes con un asterisco se agregarán cuando se use la posición de montaje M4



| | | | | | | |
|----|----------------------|--------------------|---------------------------|-----------------------------------|---------------------------------|--------------------------------|
| 01 | Gövde | Gear Case | Gehäuse | Ingranaggi Box | Corps | La caja de engranajes |
| 02 | Çıkış Mili | Output Shaft | Abtriebswelle | Albero di uscita | Arbre de sortie | Eje de salida |
| 03 | Gövde Kapağı | Output Cover | Gehäusedeckel | Coperchio della custodia | Couvercle du carter | Tapá de la carcasa |
| 04 | Burç | Spacer | Distanzbuchse | Distanziatore | Bague de réduction | Espaciador |
| 05 | Çıkış Bagası | Output Collar | Abtriebsdistanzscheibe | Distanziatore di uscita | Sac de sortie | Espaciador de salida |
| 06 | Mil Tahrik Pimi | Shaft Pin | Welle antriebs Bolzen | Perno di trasmissione dell'albero | Goupille d'entraînement d'arbre | Pasador de transmisión del eje |
| 07 | Kapak | Cover | Abdeckung | Coperchio | Couverture | Cubierta |
| 08 | Rulman | Bearing | Kugellager | Cuscinetto | Roulement à billes | Rodamiento de bolas |
| 09 | Rulman | Bearing | Kugellager | Cuscinetto | Roulement à billes | Rodamiento de bolas |
| 10 | Yağ Keçesi | Oil Seal | Öldichtung | Paraolio | Joint Huile | Sello de aceite |
| 11 | Kama B (DIN 6885) | Key B (DIN 6885) | Passfeder B (DIN 6885) | Chiavetta B (DIN 6885) | Clavette B (DIN 6885) | Clave B (DIN 6885) |
| 12 | Cıvata (DIN 933) | Bolt (DIN 933) | Verschrauben (DIN 933) | Bullone (DIN 933) | Boulonner (DIN 933) | Atornillar (DIN 933) |
| 13 | Rondela (DIN 127) | Washer (DIN 127) | Distanzscheibe (DIN 127) | Rondella (DIN 127) | Rondelle (DIN 127) | El apoyo a disco (DIN 127) |
| 14 | Yağ Tapası (DIN 908) | Oil Plug (DIN 908) | Ölstöpsel (DIN 908) | Olio Tappo (DIN 908) | Bouchon d'huile (DIN 908) | Tapón (DIN 908) |
| 15 | Rondela (DIN 7603) | Washer (DIN 7603) | Distanzscheibe (DIN 7603) | Rondella (DIN 7603) | Rondelle (DIN 7603) | El apoyo a disco (DIN 7603) |
| 16 | Yağ Tapası (DIN 908) | Oil Plug (DIN 908) | Ölstöpsel (DIN 908) | Olio Tappo (DIN 908) | Bouchon d'huile (DIN 908) | Tapón (DIN 908) |
| 17 | Rondela (DIN 7603) | Washer (DIN 7603) | Distanzscheibe (DIN 7603) | Rondella (DIN 7603) | Rondelle (DIN 7603) | El apoyo a disco (DIN 7603) |
| 18 | Setskur (DIN 916) | Setscrew (DIN 916) | Stellschraube (DIN 916) | Vite di fissaggio (DIN 916) | Vis de réglage (DIN 916) | Tornillo de ajuste (DIN 916) |
| 19 | Conta | Gasket | Dichtung | Sigillo | Joint | Sellar |
| 20 | Rondela (DIN 127) | Washer (DIN 127) | Distanzscheibe (DIN 127) | Rondella (DIN 127) | Rondelle (DIN 127) | El apoyo a disco (DIN 127) |
| 21 | Cıvata (DIN 7984) | Bolt (DIN 7984) | Verschrauben (DIN 7984) | Bullone (DIN 7984) | Boulonner (DIN 7984) | Atornillar (DIN 7984) |
| 22 | *Pompa Kiti | *Pump KIT | *Pumpebausatz | *Corredo della pompa | *Kit de pompe | *Kit de bomba |
| 23 | *Kam | *Cam | *Nocke | *Cam | *Arbre à cames | *Leva |
| 24 | *Kama B (DIN 6885) | *Key B (DIN 6885) | *Passfeder B (DIN 6885) | *Chiavetta B (DIN 6885) | *Clavette B (DIN 6885) | *Clave B (DIN 6885) |

TR GENEL PARÇA LİSTESİ

EN GENERAL PART LIST

DE ALLGEMEINE TEILELISTE

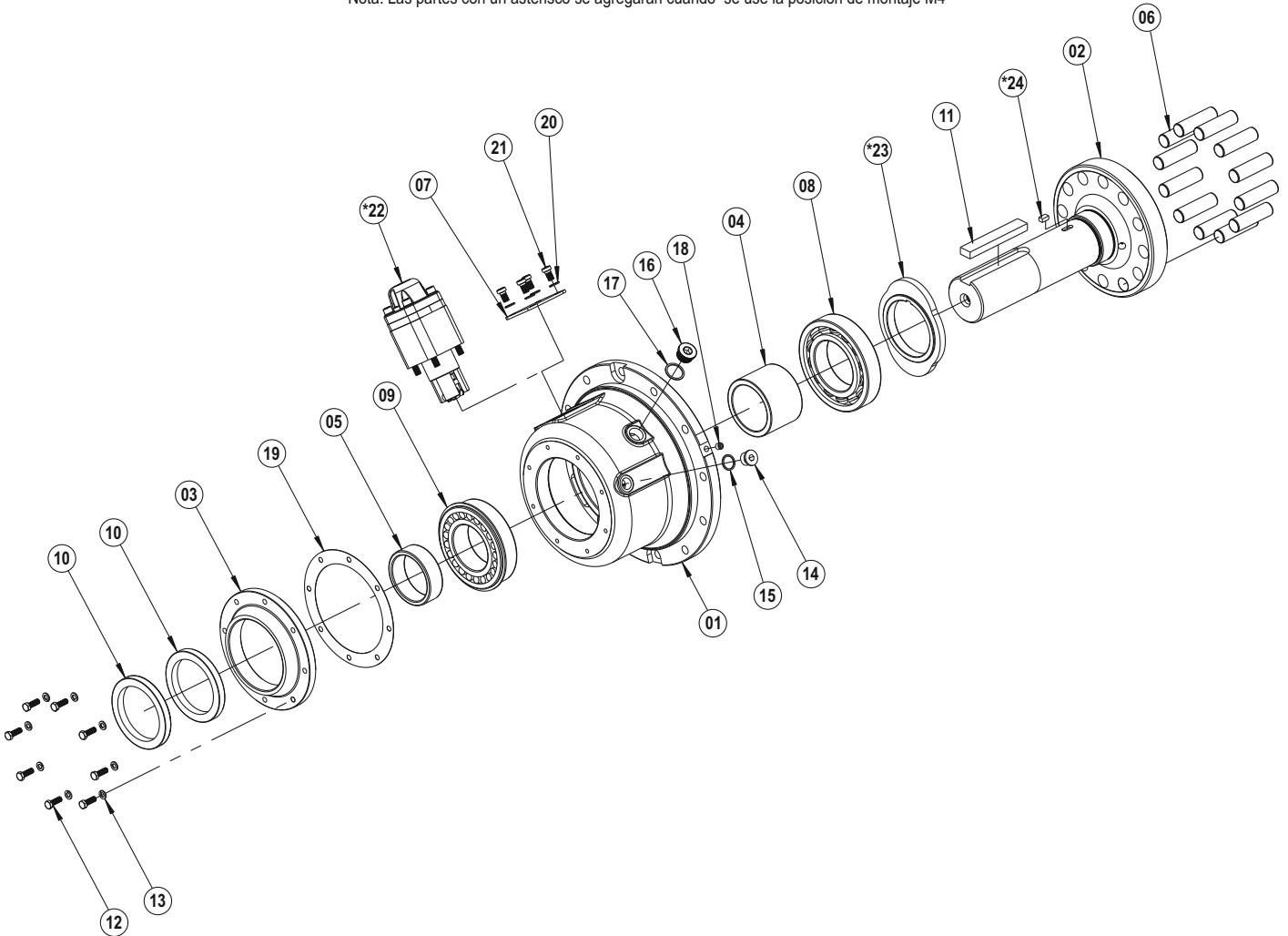
IT GENERALE ELENCO DELLE PARTI

FR GÉNÉRALE LA LISTE DES PIÈCES

ES LISTE DE PIEZAS EN GENERAL

**PCD 607-627 F ÇIKIŞ KİTİ / PCD 607-627 F OUTPUT KIT / PCD 607-627 F ABTRIEBSBAUSATZ /
PCD 607-627 KIT USCITA F / PCD 607-627 KIT DE SORTIE F / PCD 607-627 KIT DE SALIDA F**

* Not: M4 Montaj Pozisyonunda Yıldızlı Parçalar Eklenecek / * Note: Starred Parts Will Be Added in M4 Mounting Position / * Diese Teilen mit sterne symbolen werden M4 Montage Position beifügen / * Nota: le parti con stella verranno aggiunte nella posizione di montaggio M4 / * Remarque: les pièces étoilées seront ajoutées dans la position de montage M4 / * Nota: Las partes con un asterisco se agregarán cuando se use la posición de montaje M4



| | | | | | | |
|----|----------------------|--------------------|---------------------------|-----------------------------------|---------------------------------|--------------------------------|
| 01 | Gövde | Gear Case | Gehäuse | Ingranaggi Box | Corps | La caja de engranajes |
| 02 | Çıkış Mili | Output Shaft | Abtriebswelle | Albero di uscita | Arbre de sortie | Eje de salida |
| 03 | Gövde Kapağı | Output Cover | Gehäusedeckel | Coperchio della custodia | Couvercle du carter | Tapá de la carcasa |
| 04 | Burç | Spacer | Distanzbuchse | Distanziatore | Bague de réduction | Espaciador |
| 05 | Çıkış Bagası | Output Collar | Abtriebsdistanzscheibe | Distanziatore di uscita | Sac de sortie | Espaciador de salida |
| 06 | Mil Tahrik Pimi | Shaft Pin | Welle antriebs Bolzen | Perno di trasmissione dell'albero | Goupille d'entraînement d'arbre | Pasador de transmisión del eje |
| 07 | Kapak | Cover | Abdeckung | Coperchio | Couverture | Cubierta |
| 08 | Rulman | Bearing | Kugellager | Cuscinetto | Roulement à billes | Rodamiento de bolas |
| 09 | Rulman | Bearing | Kugellager | Cuscinetto | Roulement à billes | Rodamiento de bolas |
| 10 | Yağ Keçesi | Oil Seal | Öldichtung | Paraolio | Joint Huile | Sello de aceite |
| 11 | Kama B (DIN 6885) | Key B (DIN 6885) | Passfeder B (DIN 6885) | Chiavetta B (DIN 6885) | Clavette B (DIN 6885) | Clave B (DIN 6885) |
| 12 | Cıvata (DIN 933) | Bolt (DIN 933) | Verschrauben (DIN 933) | Bullone (DIN 933) | Boulonner (DIN 933) | Atornillar (DIN 933) |
| 13 | Rondela (DIN 127) | Washer (DIN 127) | Distanzscheibe (DIN 127) | Rondella (DIN 127) | Rondelle (DIN 127) | El apoyo a disco (DIN 127) |
| 14 | Yağ Tapası (DIN 908) | Oil Plug (DIN 908) | Ölstöpsel (DIN 908) | Olio Tappo (DIN 908) | Bouchon d'huile (DIN 908) | Tapón (DIN 908) |
| 15 | Rondela (DIN 7603) | Washer (DIN 7603) | Distanzscheibe (DIN 7603) | Rondella (DIN 7603) | Rondelle (DIN 7603) | El apoyo a disco (DIN 7603) |
| 16 | Yağ Tapası (DIN 908) | Oil Plug (DIN 908) | Ölstöpsel (DIN 908) | Olio Tappo (DIN 908) | Bouchon d'huile (DIN 908) | Tapón (DIN 908) |
| 17 | Rondela (DIN 7603) | Washer (DIN 7603) | Distanzscheibe (DIN 7603) | Rondella (DIN 7603) | Rondelle (DIN 7603) | El apoyo a disco (DIN 7603) |
| 18 | Setskur (DIN 916) | Setscrew (DIN 916) | Stellschraube (DIN 916) | Vite di fissaggio (DIN 916) | Vis de réglage (DIN 916) | Tornillo de ajuste (DIN 916) |
| 19 | Conta | Gasket | Dichtung | Sigillo | Joint | Sellar |
| 20 | Rondela (DIN 127) | Washer (DIN 127) | Distanzscheibe (DIN 127) | Rondella (DIN 127) | Rondelle (DIN 127) | El apoyo a disco (DIN 127) |
| 21 | Cıvata (DIN 7984) | Bolt (DIN 7984) | Verschrauben (DIN 7984) | Bullone (DIN 7984) | Boulonner (DIN 7984) | Atornillar (DIN 7984) |
| 22 | *Pompa Kiti | *Pump KIT | *Pumpebausatz | *Corredo della pompa | *Kit de pompe | *Kit de bomba |
| 23 | *Kam | *Cam | *Nocke | *Cam | *Arbre à cames | *Leva |
| 24 | *Kama B (DIN 6885) | *Key B (DIN 6885) | *Passfeder B (DIN 6885) | *Chiavetta B (DIN 6885) | *Clavette B (DIN 6885) | *Clave B (DIN 6885) |

TR GENEL PARÇA LİSTESİ

EN GENERAL PART LIST

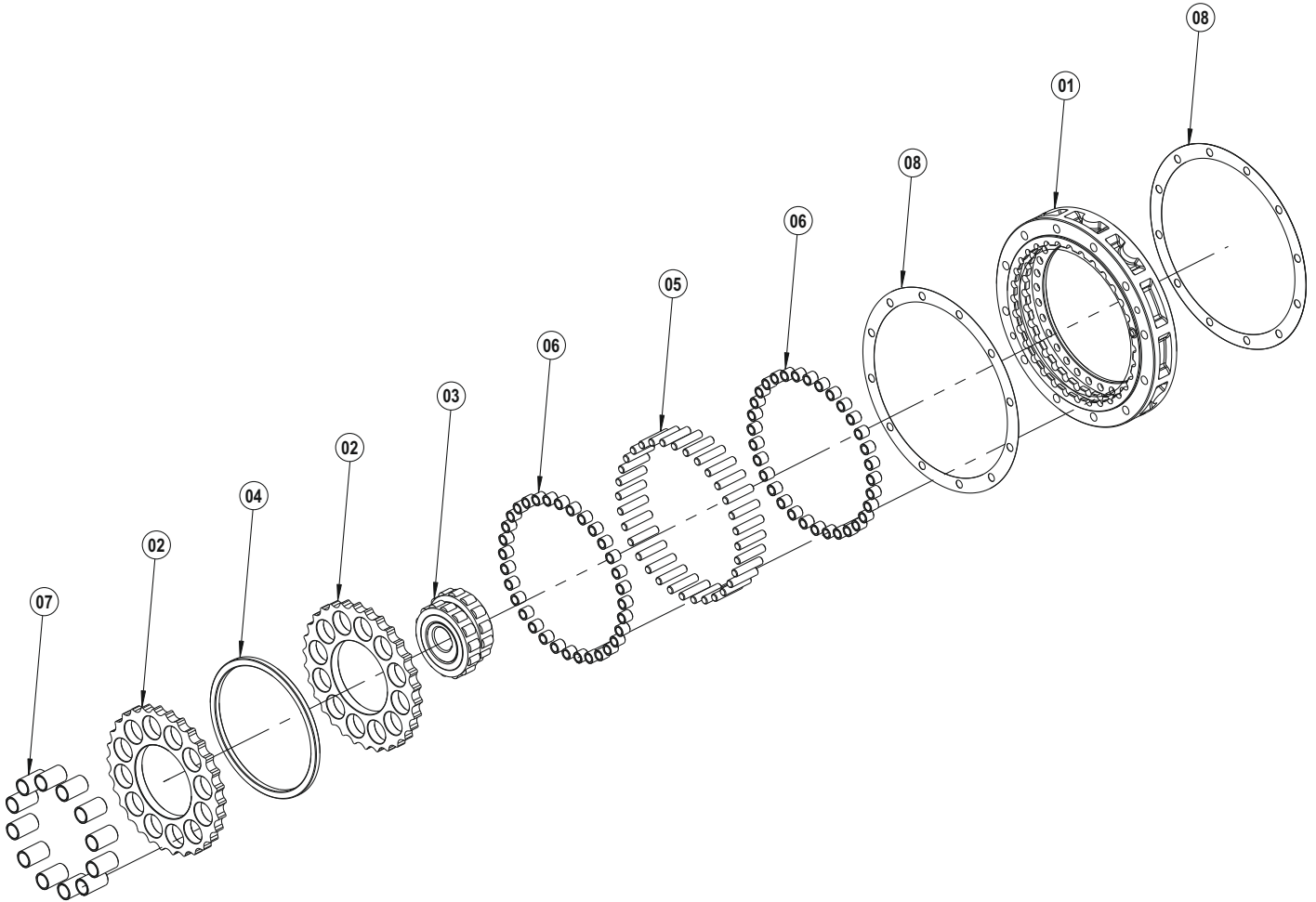
DE ALLGEMEINE TEILELISTE

IT GENERALE ELENCO DELLE PARTI

FR GÉNÉRALE LA LISTE DES PIÈCES

ES LISTE DE PIEZAS EN GENERAL

PCD 617-627 SİKLOİD DİSK KİTİ / PCD 617-627 RING GEAR KIT / PCD 617-627 DIE ZYKLOIDE DISKBAUSATZ /
 PCD 617-627 IL KIT DISCO DELLA CICLOIDE / PCD 617-627 KIT DISQUE CYCLOÏDE / PCD 617-627 EL KIT DE DISCO CICLÓIDE



| | | | | | | |
|----|----------------------|-------------------|-----------------------------|----------------------------------|-------------------------------|------------------------------|
| 01 | Sikloid Disk Gövdesi | Ring Gear Housing | Zykloied Diskgehäuse | Corpo di disco cicloide | Corps du disque cycloïde | Cuerpo de disco cicloide |
| 02 | Sikloid Disk | Cycloidal Disk | Zykloied Disk | Disco cicloide | Disque cycloïde | Disco cicloide |
| 03 | Eksantrik Rulman | Eccentric Bearing | Exzenterlager | Cuscinetto eccentrico | Roulement excentrique | Rodamiento excéntrico |
| 04 | Halka Burç | Spacer Ring | Ringdistanzbuchse | Distanziatore ad anello | Entretoise anneau | Espaciador de anillo |
| 05 | Sikloid Disk Pimi | Ring Gear Pin | Zykloide Disk Bolzen | Bullone del disco cicloidale | Goupille de disque cycloïde | Perno de disco cicloide |
| 06 | Sikloid Disk Burcu | Ring Gear Roller | Zykloide Disk Distanzbuchse | Distanziatore del disco cicloide | Entretoise de disque cycloïde | Espaciador de disco cicloide |
| 07 | Mil Tahrik Burcu | Shaft Roller | Welle Antriebsdistanzbuchse | Boccola distanziale trasmissione | Bague d'entraînement d'arbre | Buje de transmisión del eje |
| 08 | Conta | Gasket | Dichtung | Sigillo | Joint | Sellar |

TR GENEL PARÇA LİSTESİ

EN GENERAL PART LIST

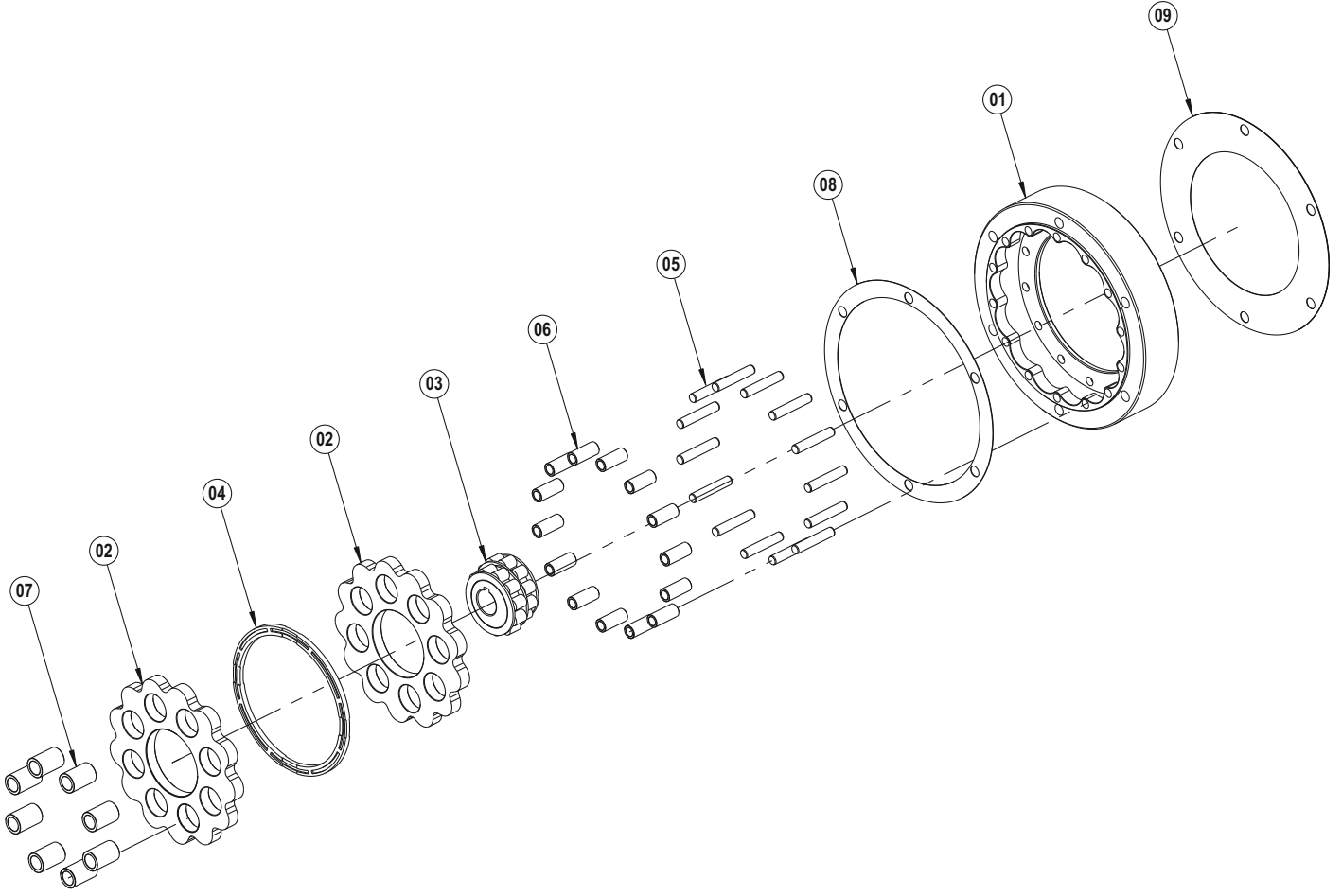
DE ALLGEMEINE TEILELISTE

IT GENERALE ELENCO DELLE PARTI

FR GÉNÉRALE LA LISTE DES PIÈCES

ES LISTE DE PIEZAS EN GENERAL

PCD 607-615 SİKLOİD DİSK KİTİ / PCD 607-615 RING GEAR KIT / PCD 607-615 DIE ZYKLOIDE DISKBAUSATZ /
PCD 607-615 IL KIT DISCO DELLA CICLOIDE / PCD 607-615 KIT DISQUE CYCLOÏDE / PCD 607-615 EL KIT DE DISCO CICLÓIDE



| | | | | | | |
|----|----------------------|-------------------|-----------------------------|----------------------------------|-------------------------------|------------------------------|
| 01 | Sikloid Disk Gövdesi | Ring Gear Housing | Zykloied Diskgehäuse | Corpo di disco cicloide | Corps du disque cycloïde | Cuerpo de disco cicloide |
| 02 | Sikloid Disk | Cycloidal Disk | Zykloied Disk | Disco cicloide | Disque cycloïde | Disco cicloide |
| 03 | Eksantrik Rulman | Eccentric Bearing | Exzenterlager | Cuscinetto eccentrico | Roulement excentrique | Rodamiento excéntrico |
| 04 | Halka Burç | Spacer Ring | Ringdistanzbuchse | Distanziatore ad anello | Entretoise anneau | Espaciador de anillo |
| 05 | Sikloid Disk Pimi | Ring Gear Pin | Zykloide Disk Bolzen | Bullone del disco cicloidale | Goupille de disque cycloïde | Perno de disco cicloide |
| 06 | Sikloid Disk Burcu | Ring Gear Roller | Zykloide Disk Distanzbuchse | Distanziatore del disco cicloide | Entretoise de disque cycloïde | Espaciador de disco cicloide |
| 07 | Mil Tahrik Burcu | Shaft Roller | Welle Antriebsdistanzbuchse | Boccola distanziale trasmissione | Bague d'entraînement d'arbre | Buje de transmisión del eje |
| 08 | Conta | Gasket | Dichtung | Sigillo | Joint | Sellar |
| 09 | Conta | Gasket | Dichtung | Sigillo | Joint | Sellar |

TR GENEL PARÇA LİSTESİ

EN GENERAL PART LIST

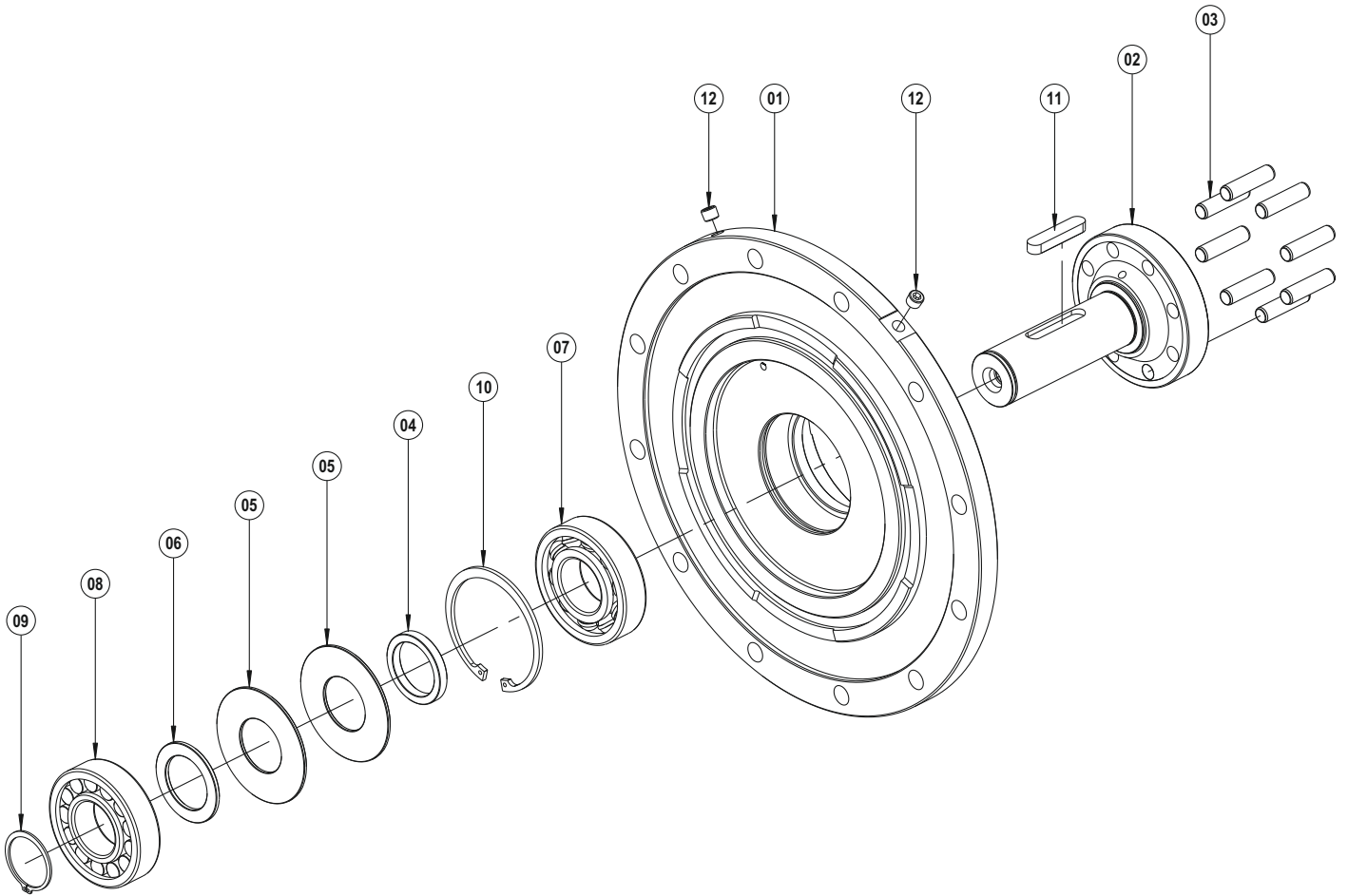
DE ALLGEMEINE TEILELISTE

IT GENERALE ELENCO DELLE PARTI

FR GÉNÉRALE LA LISTE DES PIÈCES

ES LISTE DE PIEZAS EN GENERAL

PCD 607-627 ARA MİL KİTİ / PCD 607-627 INTERMEDIATE SHAFT KIT / PCD 607-627 ZWISCHEN WELLE BAUSATZ / PCD 607-627 KIT ALBERO INTERMEDIO / PCD 607-627 KIT DE MANCHE INTERMEDIAIRE / PCD 607-627 KIT EJE INTERMEDIO



| | | | | | | |
|----|-------------------|---------------------|--------------------------|-----------------------------------|---------------------------------|--------------------------------|
| 01 | Ara Flanş | Intermediate Flange | Zwischen Flansch | Flangia intermedia | Bride intermédiaire | Brida intermedia |
| 02 | Ara Mil | Intermediate Shaft | Übertragungswelle | Albero intermedio | Arbre intermédiaire | Eje intermedio |
| 03 | Mil Tahrik Pimi | Shaft Pin | Welle antriebs Bolzen | Perno di trasmissione dell'albero | Goupille d'entraînement d'arbre | Pasador de transmisión del eje |
| 04 | Burç | Spacer | Distanzbuchse | Distanziatore | Bague de réduction | Espaciador |
| 05 | Burç | Spacer | Distanzbuchse | Distanziatore | Bague de réduction | Espaciador |
| 06 | Burç | Spacer | Distanzbuchse | Distanziatore | Bague de réduction | Espaciador |
| 07 | Rulman | Bearing | Kugellager | Cuscinetto | Roulement à billes | Rodamiento de bolas |
| 08 | Rulman | Bearing | Kugellager | Cuscinetto | Roulement à billes | Rodamiento de bolas |
| 09 | Segman (DIN 471) | Circlip (DIN 471) | Sicherungsring (DIN 471) | Anello di sicurezza (DIN 471) | Circlip (DIN 471) | Anillo de seguridad (DIN 471) |
| 10 | Segman (DIN 472) | Circlip (DIN 472) | Sicherungsring (DIN 472) | Anello di sicurezza (DIN 472) | Circlip (DIN 472) | Anillo de seguridad (DIN 472) |
| 11 | Kama A (DIN 6885) | Key A (DIN 6885) | Passfeder A (DIN 6885) | Chiavetta A (DIN 6885) | Clavette A (DIN 6885) | Clave A (DIN 6885) |
| 12 | Setskur (DIN 916) | Setscrew (DIN 916) | Stellschraube (DIN 916) | Vite di fissaggio (DIN 916) | Vis de réglage (DIN 916) | Tornillo de ajuste (DIN 916) |

TR GENEL PARÇA LİSTESİ

EN GENERAL PART LIST

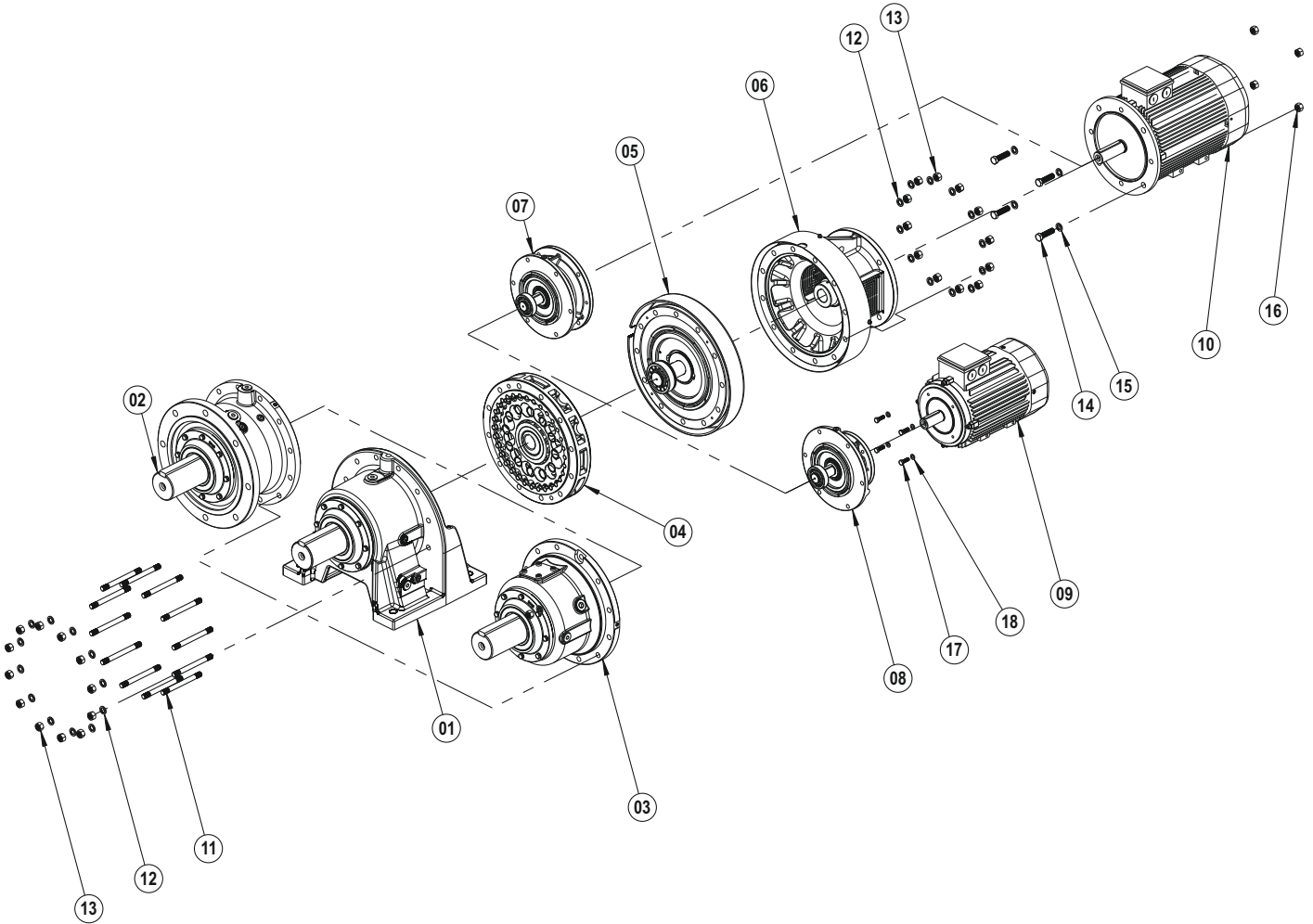
DE ALLGEMEINE TEILELISTE

IT GENERALE ELENCO DELLE PARTI

FR GÉNÉRALE LA LISTE DES PIÈCES

ES LISTE DE PIEZAS EN GENERAL

PCD 607-627 TEK KADEMELİLERDE KİTLER / KITS IN PCD 607-627 SINGLE STAGES / PCD 607-627 DIE EINSTUFIGE BAUSATZEN / PCD 607-627 KIT SINGOLO STADIO / PCD 607-627 KITS EN UN SEUL ÉTAGE / PCD 607-627 KITS DE ETAPA ÚNICA



| | | | | | | |
|----|--------------------|------------------------------|---------------------------|-----------------------|------------------------------|----------------------------|
| 01 | H Çıkış Kiti | H Output KIT | H Abtriebsbausatz | H kit uscita | Kit de sortie H | H Kit de salida |
| 02 | V Çıkış Kiti | V Output KIT | V Abtriebsbausatz | V kit uscita | Kit de sortie V | V Kit de salida |
| 03 | F Çıkış Kiti | F Output KIT | F Abtriebsbausatz | F kit uscita | Kit de sortie F | F Kit de salida |
| 04 | Çember Dişli Kiti | Ring Gear KIT | Zahnkranz Bausatz | Kit corona dentata | Kit d'engrenages circulaires | Juego de corona dentada |
| 05 | Serbest Giriş Kiti | Free Input KIT | Freier Eintritt Bausatz | Kit ingresso gratuito | Kit d'entrée libéré | Kits de entrada gratis |
| 06 | C-Face B5 KIT | C-Face B5 KIT | C-Face B5 KIT | C-Face B5 KIT | C-Face B5 KIT | C-Face B5 KIT |
| 07 | B5 PAM Adaptörü | Hollow Shaft Adapter B5 KIT | B5 PAM Adapter | Adattatore PAM B5 | Adaptateur PAM B5 | Adaptador PAM B5 |
| 08 | B14 PAM Adaptörü | Hollow Shaft Adapter B14 KIT | B14 PAM Adapter | Adattatore PAM B14 | Adaptateur PAM B14 | Adaptador PAM B14 |
| 09 | Motor B14 | Motor B14 | Motor B14 | Motore B14 | Moteur B14 | Motor B14 |
| 10 | Motor B5 | Motor B5 | Motor B5 | Motore B5 | Moteur B5 | Motor B5 |
| 11 | Saplama (DIN 939) | Stud Bolt (DIN 939) | Bolzen (DIN 939) | Bullone (DIN 939) | Boulon de goujon (DIN 939) | Tornillo (DIN 939) |
| 12 | Rondela (DIN 127) | Washer (DIN 127) | Distanzscheibe (DIN 127) | Rondella (DIN 127) | Rondelle (DIN 127) | El apoyo a disco (DIN 127) |
| 13 | Somun (DIN 934) | Nut (DIN 934) | Schraubenmutter (DIN 934) | Dado (DIN 934) | Ecrou (DIN 934) | Tuerca (DIN 934) |
| 14 | Cıvata (DIN 933) | Bolt (DIN 933) | Verschrauben (DIN 933) | Bullone (DIN 933) | Boulonner (DIN 933) | Atornillar (DIN 933) |
| 15 | Rondela (DIN 127) | Washer (DIN 127) | Distanzscheibe (DIN 127) | Rondella (DIN 127) | Rondelle (DIN 127) | El apoyo a disco (DIN 127) |
| 16 | Somun (DIN 934) | Nut (DIN 934) | Schraubenmutter (DIN 934) | Dado (DIN 934) | Ecrou (DIN 934) | Tuerca (DIN 934) |
| 17 | Rondela (DIN 127) | Washer (DIN 127) | Distanzscheibe (DIN 127) | Rondella (DIN 127) | Rondelle (DIN 127) | El apoyo a disco (DIN 127) |
| 18 | Cıvata (DIN 933) | Bolt (DIN 933) | Verschrauben (DIN 933) | Bullone (DIN 933) | Boulonner (DIN 933) | Atornillar (DIN 933) |

TR GENEL PARÇA LİSTESİ

EN GENERAL PART LIST

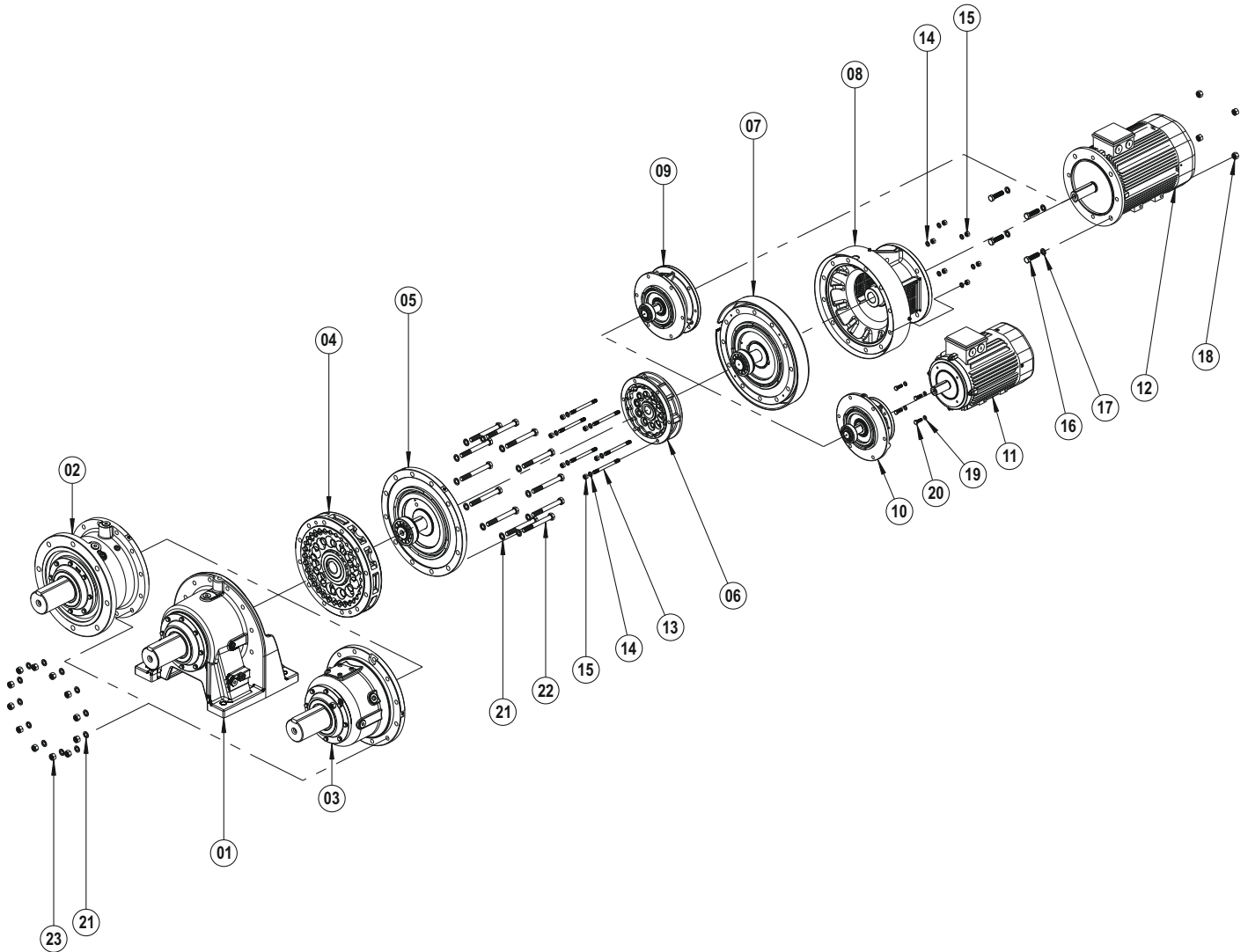
DE ALLGEMEINE TEILELISTE

IT GENERALE ELENCO DELLE PARTI

FR GÉNÉRALE LA LISTE DES PIÈCES

ES LISTE DE PIEZAS EN GENERAL

PCD 607-627 İKİ KADEMELİLERDE KİTLER / KITS IN PCD 607-627 DOUBLE STAGES / PCD 607-627 DIE ZWEISTUFIGE BAUSATZEN / PCD 607-627 I KIT A DUE STADI / PCD 607-627 KITS EN DEUX ÉTAGES / PCD 607-627 LOS KITS DE DOS ETAPAS



| | | | | | | |
|----|--------------------|------------------------------|---------------------------|-----------------------|------------------------------|----------------------------|
| 01 | H Çıkış Kiti | H Output KIT | H Abtriebsbausatz | H kit uscita | Kit de sortie H | H Kit de salida |
| 02 | V Çıkış Kiti | V Output KIT | V Abtriebsbausatz | V kit uscita | Kit de sortie V | V Kit de salida |
| 03 | F Çıkış Kiti | F Output KIT | F Abtriebsbausatz | F kit uscita | Kit de sortie F | F Kit de salida |
| 04 | Çember Dişli Kiti | Ring Gear KIT | Zahnkranz Bausatz | Kit corona dentata | Kit d'engrenages circulaires | Juego de corona dentada |
| 05 | Ara Mil Kiti | Intermediate Shaft KIT | Zwischen Welle Bausatz | Kit albero intermedio | Kit d'arbre intermédiaire | Kit eje intermedio |
| 06 | Çember Dişli Kiti | Ring Gear KIT | Zahnkranz Bausatz | Kit corona dentata | Kit d'engrenages circulaires | Juego de corona dentada |
| 07 | Serbest Giriş Kiti | Free Input KIT | Freier Eintritt Bausatz | Kit ingresso gratuito | Kit d'entrée libéré | Kits de entrada gratis |
| 08 | C-Face B5 KIT | C-Face B5 KIT | C-Face B5 KIT | C-Face B5 KIT | C-Face B5 KIT | C-Face B5 KIT |
| 09 | B5 PAM Adaptörü | Hollow Shaft Adapter B5 KIT | B5 PAM Adapter | Adattatore PAM B5 | Adaptateur PAM B5 | Adaptador PAM B5 |
| 10 | B14 PAM Adaptörü | Hollow Shaft Adapter B14 KIT | B14 PAM Adapter | Adattatore PAM B14 | Adaptateur PAM B14 | Adaptador PAM B14 |
| 11 | Motor B14 | Motor B14 | Motor B14 | Motore B14 | Moteur B14 | Motor B14 |
| 12 | Motor B5 | Motor B5 | Motor B5 | Motore B5 | Moteur B5 | Motor B5 |
| 13 | Saplama (DIN 939) | Stud Bolt (DIN 939) | Bolzen (DIN 939) | Bullone (DIN 939) | Boulon de goujon (DIN 939) | Tornillo (DIN 939) |
| 14 | Rondela (DIN 127) | Washer (DIN 127) | Distanzscheibe (DIN 127) | Rondella (DIN 127) | Rondelle (DIN 127) | El apoyo a disco (DIN 127) |
| 15 | Somun (DIN 934) | Nut (DIN 934) | Schraubenmutter (DIN 934) | Dado (DIN 934) | Ecrou (DIN 934) | Tuerca (DIN 934) |
| 16 | Cıvata (DIN 933) | Bolt (DIN 933) | Verschrauben (DIN 933) | Bullone (DIN 933) | Boulonner (DIN 933) | Atornillar (DIN 933) |
| 17 | Rondela (DIN 127) | Washer (DIN 127) | Distanzscheibe (DIN 127) | Rondella (DIN 127) | Rondelle (DIN 127) | El apoyo a disco (DIN 127) |
| 18 | Somun (DIN 934) | Nut (DIN 934) | Schraubenmutter (DIN 934) | Dado (DIN 934) | Ecrou (DIN 934) | Tuerca (DIN 934) |
| 19 | Rondela (DIN 127) | Washer (DIN 127) | Distanzscheibe (DIN 127) | Rondella (DIN 127) | Rondelle (DIN 127) | El apoyo a disco (DIN 127) |
| 20 | Cıvata (DIN 933) | Bolt (DIN 933) | Verschrauben (DIN 933) | Bullone (DIN 933) | Boulonner (DIN 933) | Atornillar (DIN 933) |
| 21 | Rondela (DIN 127) | Washer (DIN 127) | Distanzscheibe (DIN 127) | Rondella (DIN 127) | Rondelle (DIN 127) | El apoyo a disco (DIN 127) |
| 22 | Cıvata (DIN 933) | Bolt (DIN 933) | Verschrauben (DIN 933) | Bullone (DIN 933) | Boulonner (DIN 933) | Atornillar (DIN 933) |
| 23 | Somun (DIN 934) | Nut (DIN 934) | Schraubenmutter (DIN 934) | Dado (DIN 934) | Ecrou (DIN 934) | Tuerca (DIN 934) |

TR GENEL PARÇA LİSTESİ

EN GENERAL PART LIST

DE ALLGEMEINE TEILELISTE

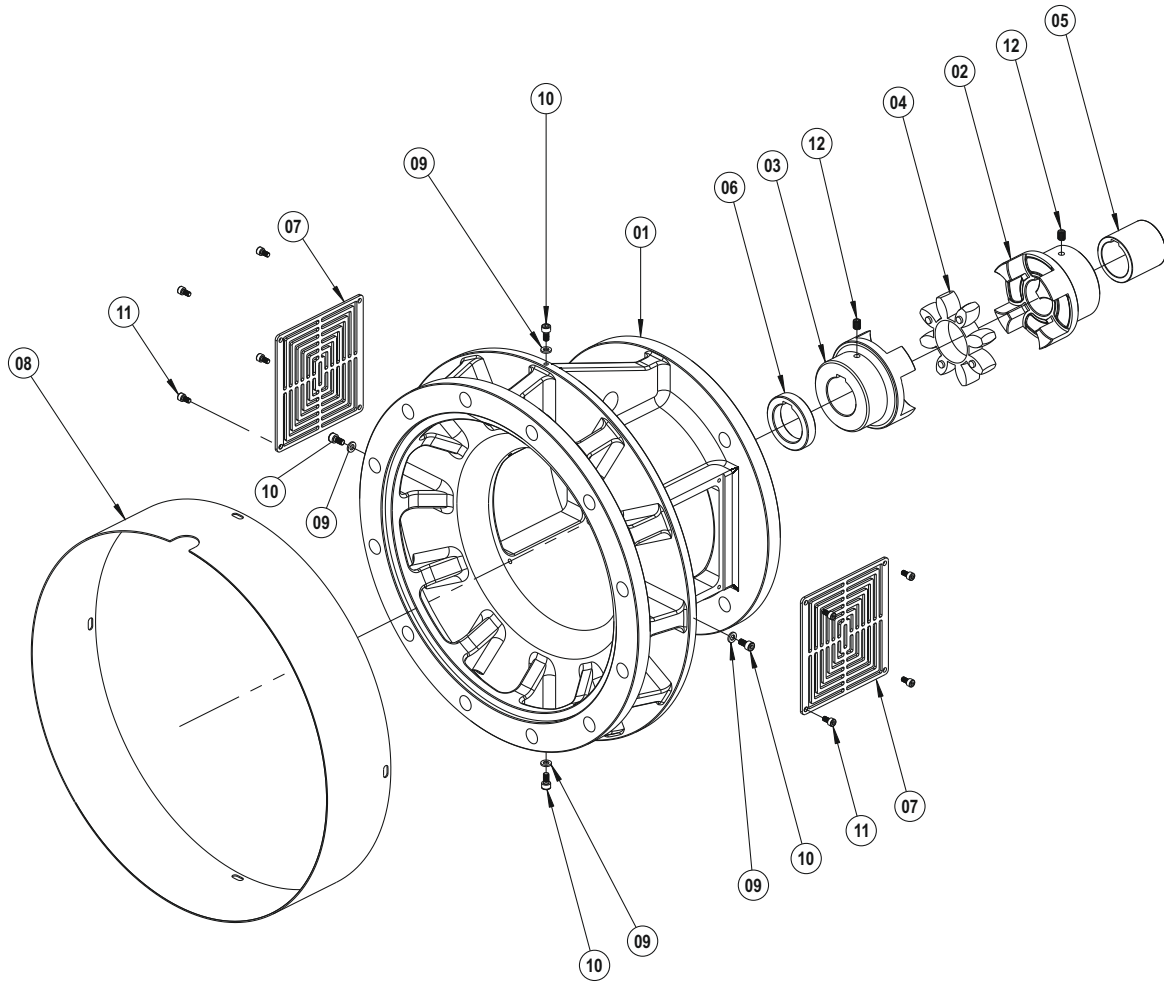
IT GENERALE ELENCO DELLE PARTI

FR GÉNÉRALE LA LISTE DES PIÈCES

ES LISTE DE PIEZAS EN GENERAL

C-FACE

PCD 607-627 C-FACE B5 KIT



| | | | | | | |
|----|--------------------------|-------------------------|--------------------------|--------------------------------|---------------------------------------|------------------------------|
| 01 | C-Face B5 KIT | C-Face B5 KIT | C-Face B5 KIT | C-Face B5 KIT | C-Face B5 KIT | C-Face B5 KIT |
| 02 | Kaplin (Motor Tarafı) | Coupling (Motor Side) | Kupplung (Motorseite) | Accoppiamento (Lato motore) | Accouplement (côté moteur) | Enganche (Lado del motor) |
| 03 | Kaplin (Redüktör Tarafı) | Coupling (Gearbox Side) | Kupplung (GetriebeSeite) | Accoppiamento (Lato riduttore) | Accouplement (côté boîte de vitesses) | Enganche (Lado del reductor) |
| 04 | Spider | Spider | Spider | Spider | Spider | Spider |
| 05 | Burç | Spacer | Distanzbuchse | Distanziatore | Bague de réduction | Espaciador |
| 06 | Burç | Spacer | Distanzbuchse | Distanziatore | Bague de réduction | Espaciador |
| 07 | Saç Kapak | Shield | Blechabdeckung | Copertura in lamiera | Plaque de metal | Cubierta de la hoja |
| 08 | Koruma Sacı | Cover Plate | Schutzblech | Piastra di copertura | Feuille de protection | Placa de cubierta |
| 09 | Rondela | Washer | Distanzscheibe | Rondella | Rondelle | El apoyo a disco |
| 10 | Civata (DIN 912) | Bolt (DIN 912) | Verschrauben (DIN 912) | Bullone (DIN 912) | Boulonner (DIN 912) | Atornillar (DIN 912) |
| 11 | Civata (DIN 912) | Bolt (DIN 912) | Verschrauben (DIN 912) | Bullone (DIN 912) | Boulonner (DIN 912) | Atornillar (DIN 912) |
| 12 | Setskur (DIN 916) | Setscrew (DIN 916) | Stellschraube (DIN 916) | Vite di fissaggio (DIN 916) | Vis de réglage (DIN 916) | Tornillo de ajuste (DIN 916) |

TR GENEL PARÇA LİSTESİ

EN GENERAL PART LIST

DE ALLGEMEINE TEILELISTE

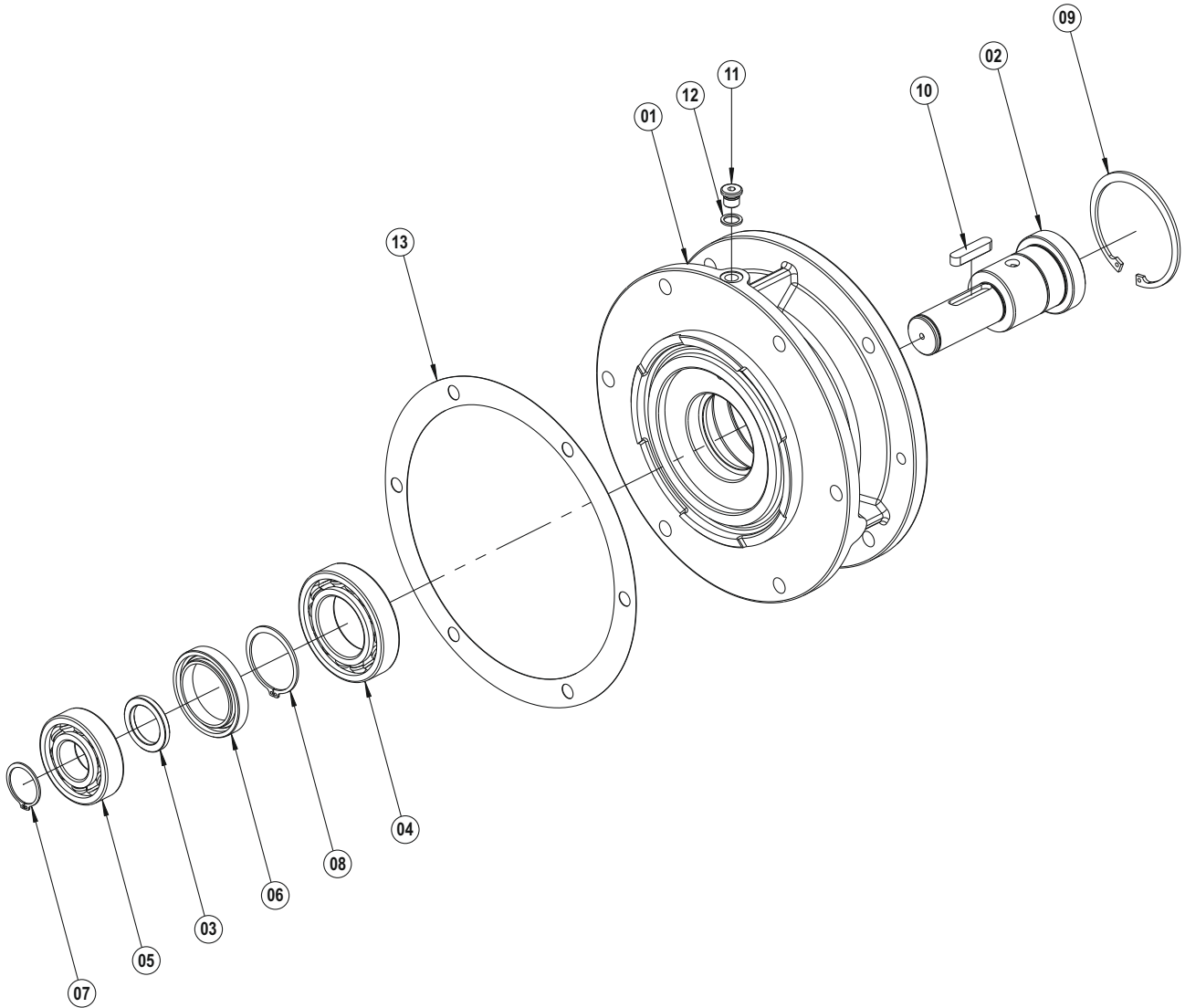
IT GENERALE ELENCO DELLE PARTI

FR GÉNÉRALE LA LISTE DES PIÈCES

ES LISTE DE PIEZAS EN GENERAL

PAM B5

PCD 607-622 B5 PAM ADAPTÖR KİTİ / PCD 607-622 HOLLOW SHAFT ADAPTER B5 KIT / PCD 607-622 B5 PAM ADAPTER BAUSATZE / PCD 607-622 KIT ADATTATORE B5 PAM / PCD 607-622 KIT ADAPTATEUR PAM B5 / PCD 607-622 KIT ADAPTADOR B5 PAM



01 PAM Flansı B5
02 PAM Mili B5
03 Burç
04 Rulman
05 Rulman
06 Yağ Keçesi
07 Segman (DIN 471)
08 Segman (DIN 471)
09 Segman (DIN 472)
10 Kama A (DIN 6885)
11 Yağ Tapası (DIN 908)
12 Rondela (DIN 7603)
13 Conta

Hollow Flange B5
Hollow Shaft B5
Spacer
Bearing
Bearing
Oil Seal
Circlip (DIN 471)
Circlip (DIN 471)
Circlip (DIN 472)
Key A (DIN 6885)
Oil Plug (DIN 908)
Washer (DIN 7603)
Gasket

PAM Flansch B5
PAM Welle
Distanzbuchse
Kugellager
Kugellager
Öldichtung
Sicherungsring (DIN 471)
Sicherungsring (DIN 471)
Sicherungsring (DIN 472)
Passfeder A (DIN 6885)
Ölstöpsel (DIN 908)
Distanzscheibe (DIN 7603)
Dichtung

Flangia PAM B5
Albero cavo B5
Distanziatore
Cuscinetto
Cuscinetto
Paraolio
Anello di sicurezza (DIN 471)
Anello di sicurezza (DIN 471)
Anello di sicurezza (DIN 472)
Chiavetta A (DIN 6885)
Olio Tappo (DIN 908)
Rondella (DIN 7603)
Sigillo

PAM Bride B5
PAM Arbre B5
Bague de réduction
Roulement à billes
Roulement à billes
Joint Huile
Circlip (DIN 471)
Circlip (DIN 471)
Circlip (DIN 472)
Clavette A (DIN 6885)
Bouchon d'huile (DIN 908)
Rondelle (DIN 7603)
Joint

Brida PAM B5
Eje hueco B5
Espaciador
Rodamiento de bolas
Rodamiento de bolas
Joint Huile
Anillo de seguridad (DIN 471)
Anillo de seguridad (DIN 471)
Anillo de seguridad (DIN 472)
Clave A (DIN 6885)
Tapón (DIN 908)
El apoyo a disco (DIN 7603)
Sellar

TR GENEL PARÇA LİSTESİ

EN GENERAL PART LIST

DE ALLGEMEINE TEILELISTE

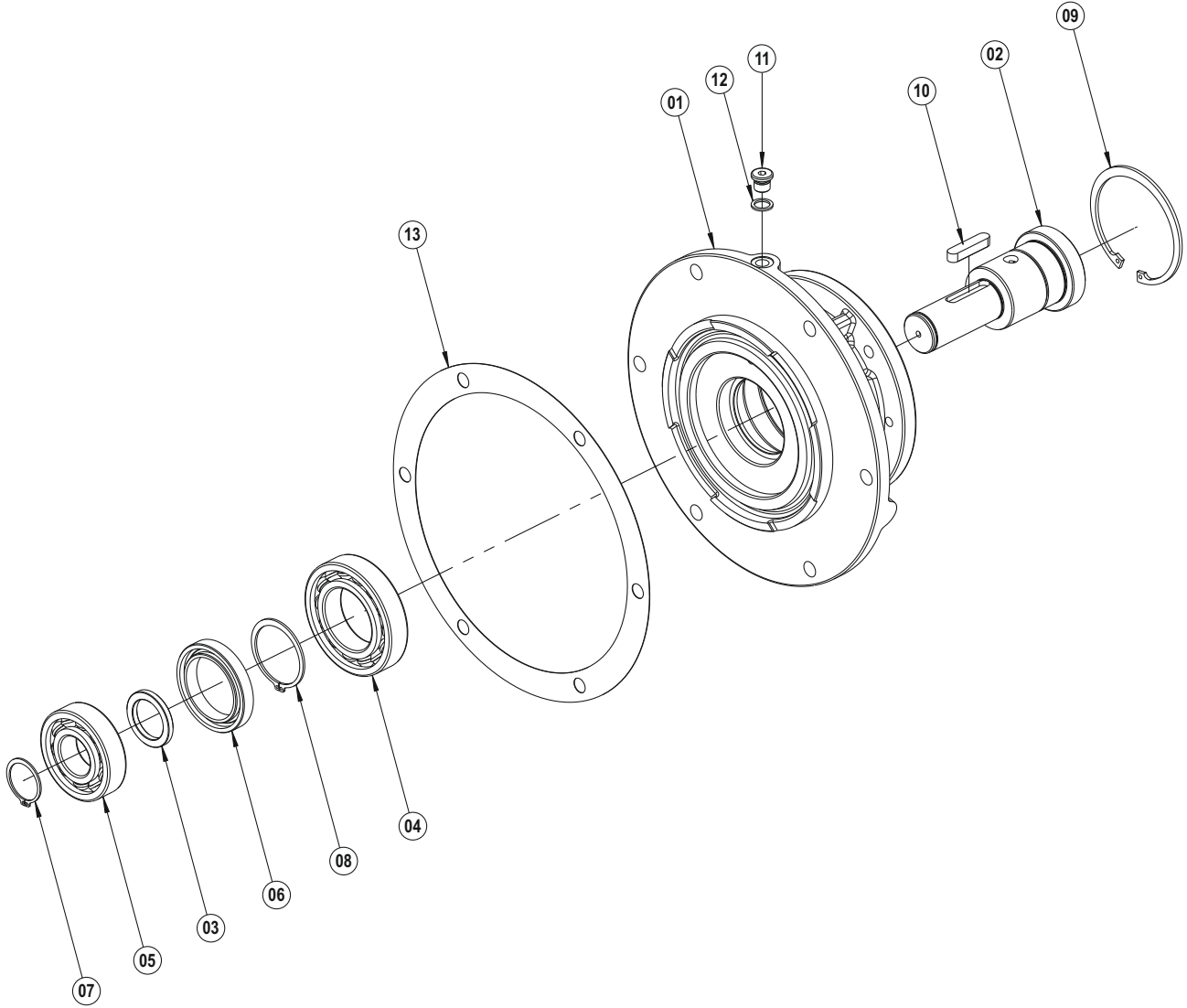
IT GENERALE ELENCO DELLE PARTI

FR GÉNÉRALE LA LISTE DES PIÈCES

ES LISTE DE PIEZAS EN GENERAL

PAM B14

**PCD 607-616 B14 PAM ADAPTÖR KİTİ / PCD 607-616 HOLLOW SHAFT ADAPTER B14 KIT / PCD 607-616 B14 PAM ADAPTER BAUSATZE
PCD 607-616 KIT ADATTATORE B14 PAM / PCD 607-616 KIT ADAPTATEUR PAM B14 / PCD 607-616 KIT ADAPTADOR B14 PAM**



01 PAM Flansı B14
02 PAM Mili B14
03 Burç
04 Rulman
05 Rulman
06 Yağ Keçesi
07 Segman (DIN 471)
08 Segman (DIN 471)
09 Segman (DIN 472)
10 Kama A (DIN 6885)
11 Yağ Tapası (DIN 908)
12 Rondela (DIN 7603)
13 Conta

Hollow Flange B14
Hollow Shaft B14
Spacer
Bearing
Bearing
Oil Seal
Circlip (DIN 471)
Circlip (DIN 471)
Circlip (DIN 472)
Key A (DIN 6885)
Oil Plug (DIN 908)
Washer (DIN 7603)
Gasket

PAM Flansch B14
PAM Welle
Distanzbuchse
Kugellager
Kugellager
Öldichtung
Sicherungsring (DIN 471)
Sicherungsring (DIN 471)
Sicherungsring (DIN 472)
Passfeder A (DIN 6885)
Ölstöpsel (DIN 908)
Distanzscheibe (DIN 7603)
Dichtung

Flangia PAM B14
Albero cavo B14
Distanziatore
Cuscinetto
Cuscinetto
Paraolio
Anello di sicurezza (DIN 471)
Anello di sicurezza (DIN 471)
Anello di sicurezza (DIN 472)
Chiavetta A (DIN 6885)
Olio Tappo (DIN 908)
Rondella (DIN 7603)
Sigillo

PAM Bride B14
PAM Arbre B14
Bague de réduction
Roulement à billes
Roulement à billes
Joint Huile
Circlip (DIN 471)
Circlip (DIN 471)
Circlip (DIN 472)
Clavette A (DIN 6885)
Bouchon d'huile (DIN 908)
Rondelle (DIN 7603)
Joint

Brida PAM B14
Eje hueco B14
Espaciador
Rodamiento de bolas
Rodamiento de bolas
Sello de aceite
Anillo de seguridad (DIN 471)
Anillo de seguridad (DIN 471)
Anillo de seguridad (DIN 472)
Clave A (DIN 6885)
Tapón (DIN 908)
El apoyo a disco (DIN 7603)
Sellar

TR GENEL PARÇA LİSTESİ

EN GENERAL PART LIST

DE ALLGEMEINE TEILELISTE

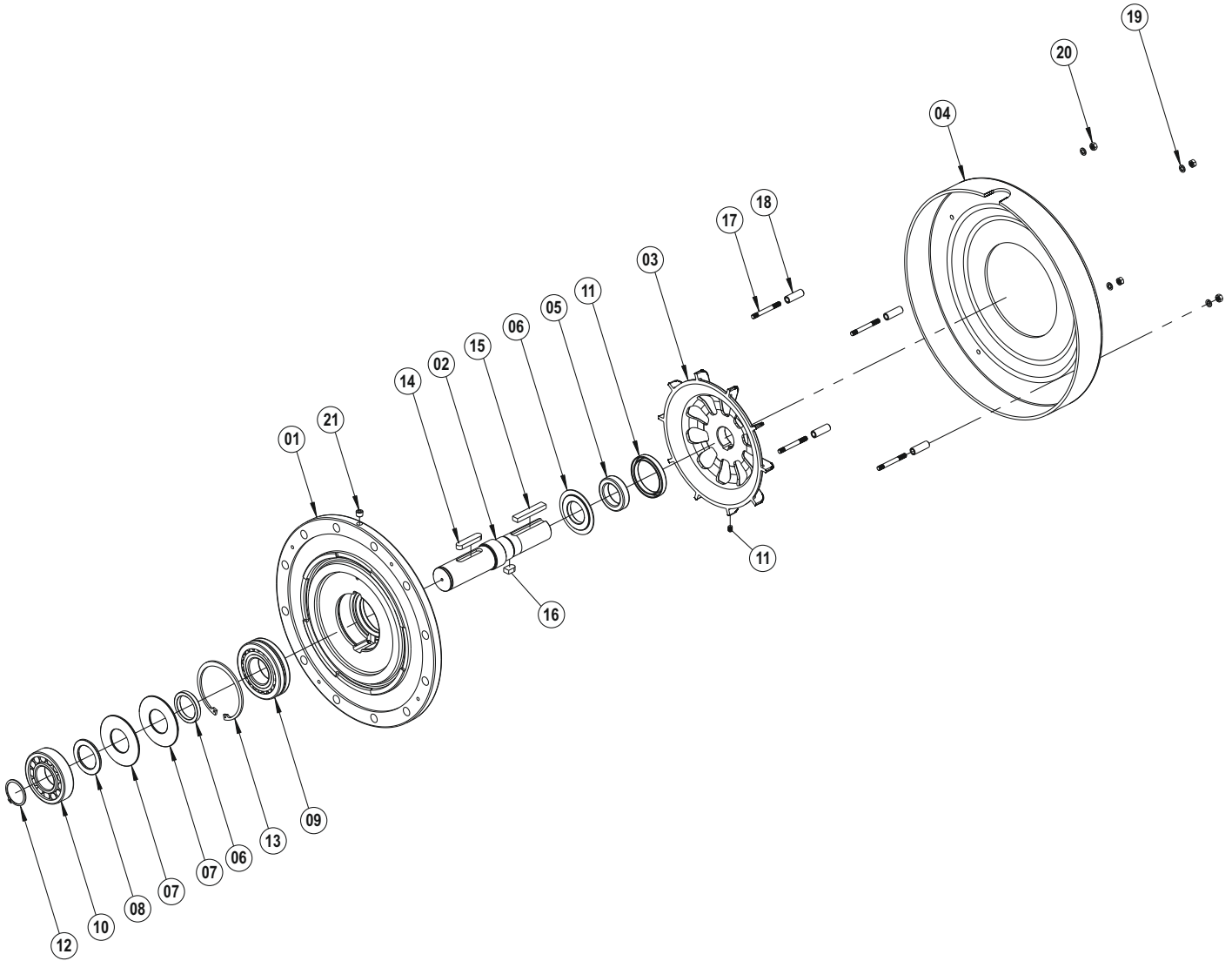
IT GENERALE ELENCO DELLE PARTI

FR GÉNÉRALE LA LISTE DES PIÈCES

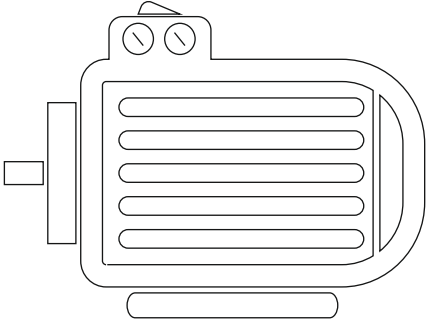
ES LISTE DE PIEZAS EN GENERAL

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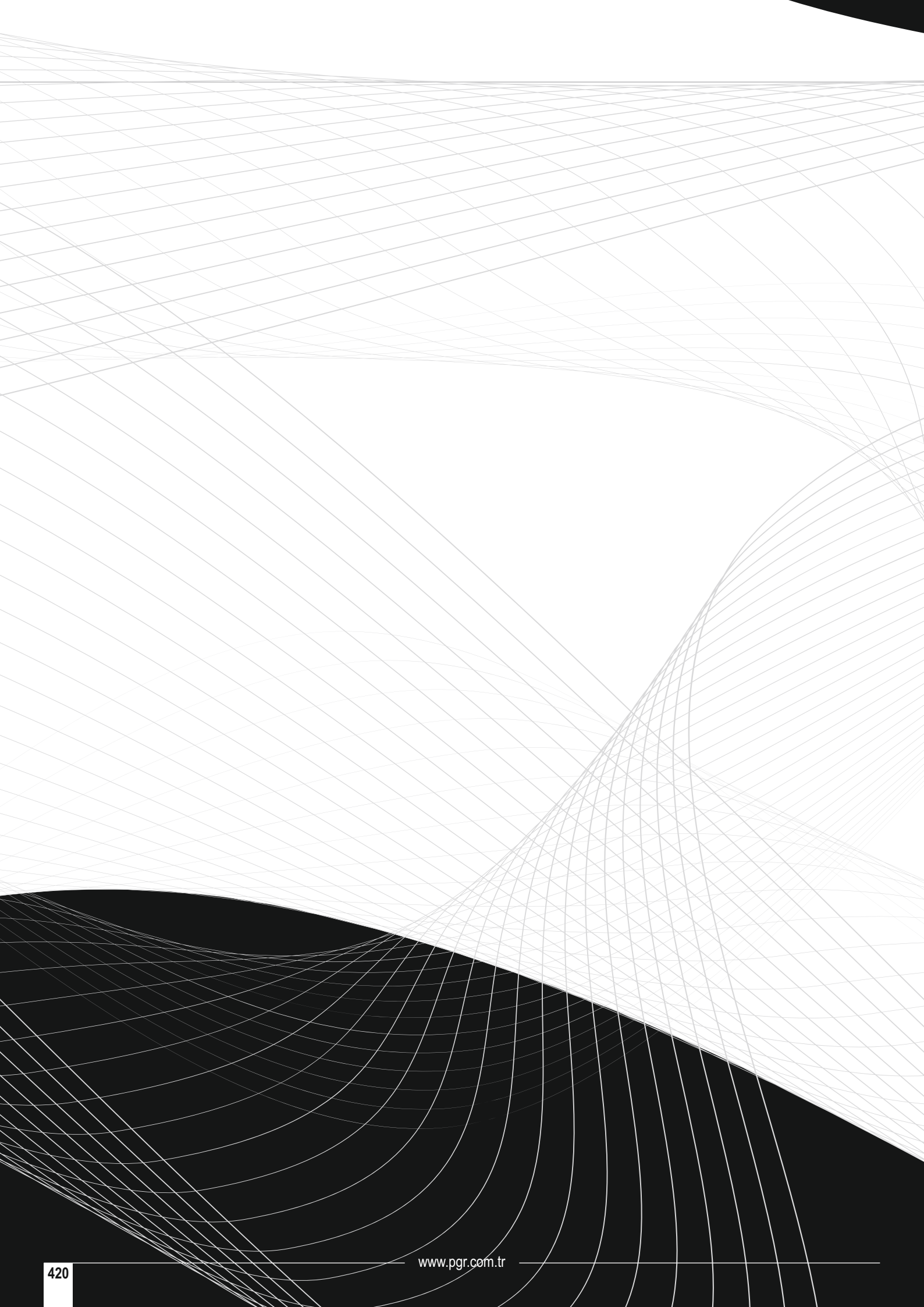
PCD 607-627 SERBEST GİRİŞ KİTİ / PCD 607-627 FREE INPUT KIT / PCD 607-627 FREIER EINTRITT BAUSATZE / PCD 607-627 KIT INGRESSO GRATUITO / PCD 607-627 KIT D'ENTRÉE LIBÉRÉ / PCD 607-627 KIT ENTRADA GRATIS



| | | | | | |
|------------------------|------------------------|---------------------------|---|--|---------------------------------------|
| 01 Giriş Flanşı | Input Flange | Eingangsflansch | Flangia di ingresso | Bride d'entrée | Brida de entrad |
| 02 Giriş Mili | Input Shaft | Antriebswelle | Albero di ingresso | Arbre d'entrée | Eje de entrada |
| 03 Giriş Fanı | Input Fan | Eingangslüfter | Ventola di ingresso | Entrée ventilateur | Ventilador de entrada |
| 04 Fan Koruma Kapağı | Input Fan Cover | Lüfterschutzabdeckung | Copertura di protezione del ventilatore | Couvercle de protection du ventilateur | Cubierta de protección del ventilador |
| 05 Giriş Bagası | Input Collar | Eingangsdistanzbuchse | Boccola distanziale ingresso | Sac d'entrée | Casquillo espaciador de entrada |
| 06 Burç | Spacer | Distanzbuchse | Distanziatore | Bague de réduction | Espaciador |
| 07 Burç | Spacer | Distanzbuchse | Distanziatore | Bague de réduction | Espaciador |
| 08 Burç | Spacer | Distanzbuchse | Distanziatore | Bague de réduction | Espaciador |
| 09 Rulman | Bearing | Kugellager | Cuscinetto | Roulement à billes | Rodamiento de bolas |
| 10 Rulman | Bearing | Kugellager | Cuscinetto | Roulement à billes | Rodamiento de bolas |
| 11 Yağ Keçesi | Oil Seal | Öldichtung | Paraolio | Joint Huile | sello de aceite |
| 12 Segman (DIN 471) | Circlip (DIN 471) | Sicherungsring (DIN 471) | Anello di sicurezza (DIN 471) | Circlip (DIN 471) | Anillo de seguridad (DIN 471) |
| 13 Segman (DIN 472) | Circlip (DIN 472) | Sicherungsring (DIN 472) | Anello di sicurezza (DIN 472) | Circlip (DIN 472) | Anillo de seguridad (DIN 472) |
| 14 Kama A (DIN 6885) | Key A (DIN 6885) | Passfeder A (DIN 6885) | Chiavetta A (DIN 6885) | Clavette A (DIN 6885) | Clave A (DIN 6885) |
| 15 Kama B (DIN 6885) | Key B (DIN 6885) | Passfeder B (DIN 6885) | Chiavetta B (DIN 6885) | Clavette B (DIN 6885) | Clave B (DIN 6885) |
| 16 Kama A-B (DIN 6885) | Key A-B (DIN 6885) | Passfeder A-B (DIN 6885) | Chiavetta A-B (DIN 6885) | Clavette A-B (DIN 6885) | Clave A-B (DIN 6885) |
| 17 Saplama (DIN 835) | Stud Bolt (DIN 835) | Bolzen (DIN 835) | Bullone (DIN 835) | Boulon de goujon (DIN 835) | Tornillo (DIN 835) |
| 18 Burç | Input Fan Cover Spacer | Distanzbuchse | Distanziatore | Bague de réduction | Espaciador |
| 19 Rondela (DIN 127) | Washer (DIN 127) | Distanzscheibe (DIN 127) | Rondella (DIN 127) | Rondelle (DIN 127) | El apoyo a disco (DIN 127) |
| 20 Somun (DIN 936) | Nut (DIN 936) | Schraubenmutter (DIN 936) | Dado (DIN 936) | Ecrou (DIN 936) | Tuerca (DIN 936) |
| 21 Setskur (DIN 916) | Setscrew (DIN 916) | Stellschraube (DIN 916) | Vite di fissaggio (DIN 916) | Vis de réglage (DIN 916) | Tornillo de ajuste (DIN 916) |



ÜÇ FAZLI MOTORLAR THREE PHASE MOTORS



IE3

ELEKTRİKSEL ÖZELLİKLER - 50 Hz / ELECTRICAL CHARACTERISTICS AT 50 Hz

| MOTOR TİPİ MOTOR TYPE | GÖVDE TIPI HOUSING TYPE | NOMINAL RATED VALUES | | | | | KALKIŞTAKİ DEĞERLER STARTING VALUES | | | | | Devrilme Momenti Oranı Breakdown Torque Ratio Mk/ Mn | VERİM* EFFICIENCY* | | | Cos φ | J kgm ² | Ağırlık Weight (B3) kg | Ses Basınç Seviyesi Sound Pressure Level dBA** |
|--------------------------------------|----------------------------------|-------------------------|-------|-----------------------|----------------------|------------------------|--|------|---------------------------------|-----|-----|---|-----------------------|------|------|---------|-----------------------|---------------------------------|---|
| | | GÜÇ POWER | | DEVİR SPEED rpm | AKIM CURRENT A | MOMENT TORQUE Nm | AKIM CURRENT I_A / I_N | | MOMENT TORQUE M_A / M_N | | η% | | | | | | | | |
| | | kW | HP | | | | λ | Δ | λ | Δ | 4/4 | | 3/4 | 2/4 | | | | | |
| 2 kutup 3000 d/dak / 2 pole 3000 rpm | | | | | | | | | | | | | | | | | | | |
| 230/400V | Q3H80M2C | Aluminium | 0,75 | 1,0 | 2890 | 1,6 | 2,5 | 8,3 | - | 3,7 | - | 4,2 | 80,7 | 79,8 | 76,1 | 0,85 | 0,0014 | 13 | 57 |
| | Q3H80M2D | Aluminium | 1,1 | 1,5 | 2890 | 2,3 | 3,6 | 9,1 | - | 3,9 | - | 4,3 | 82,7 | 82,2 | 79,3 | 0,85 | 0,0017 | 13 | 57 |
| | Q3H90L2C | Aluminium | 1,5 | 2,0 | 2910 | 3,3 | 4,9 | 10,9 | - | 5,2 | - | 5,4 | 84,2 | 83,3 | 80,5 | 0,80 | 0,0023 | 16 | 62 |
| | Q3H90L2D | Aluminium | 2,2 | 3,0 | 2917 | 4,3 | 7,2 | 9,2 | - | 3,1 | - | 4,9 | 85,9 | 86,4 | 85,2 | 0,87 | 0,0028 | 19 | 62 |
| | Q3H100L2D | Aluminium | 3,0 | 4,0 | 2890 | 5,9 | 9,9 | 8,1 | - | 3,2 | - | 3,5 | 87,1 | 88,1 | 87,7 | 0,85 | 0,0031 | 25 | 66 |
| 400/690V | Q3H112M2C | Aluminium | 4,0 | 5,5 | 2936 | 7,5 | 13,0 | 3,6 | 10,9 | 1,6 | 4,8 | 5,7 | 88,1 | 88,1 | 85,8 | 0,85 | 0,0064 | 29 | 68 |
| | Q3H132S2C | Aluminium | 5,5 | 7,5 | 2918 | 10,5 | 18,0 | 3,6 | 10,7 | 1,2 | 3,7 | 5,1 | 89,2 | 89,0 | 87,2 | 0,86 | 0,0077 | 37 | 69 |
| | Q3H132S2D | Aluminium | 7,5 | 10,0 | 2918 | 13,9 | 24,5 | 3,6 | 10,8 | 1,4 | 4,3 | 5,4 | 90,1 | 90,3 | 89,1 | 0,88 | 0,0093 | 43 | 69 |
| | Q3H160M2C | Aluminium | 11,0 | 15,0 | 2925 | 20,7 | 36,0 | 3,5 | 10,5 | 1,3 | 3,9 | 5,2 | 91,2 | 91,4 | 90,6 | 0,85 | 0,0352 | 65 | 70 |
| | Q3H160M2DE | Aluminium | 15,0 | 20,0 | 2930 | 27,9 | 48,9 | 3,5 | 10,5 | 1,2 | 3,7 | 5,2 | 91,9 | 91,3 | 89,8 | 0,84 | 0,0402 | 79 | 71 |
| | Q3H160L2C | Aluminium | 18,5 | 25,0 | 2960 | 32,8 | 59,9 | 3,6 | 10,8 | 1,1 | 3,4 | 4,8 | 92,4 | 92,5 | 91,6 | 0,89 | 0,0481 | 96 | 70 |
| | Q3H180M2A | Aluminium | 22,0 | 30,0 | 2961 | 39,1 | 70,7 | 3,5 | 10,5 | 1,1 | 3,2 | 5,2 | 92,7 | 92,5 | 91,3 | 0,87 | 0,0587 | 114 | 77 |
| | Q3H200L2C | Aluminium | 30,0 | 40,0 | 2955 | 50,3 | 97,0 | 3,5 | 10,5 | 1,0 | 3,0 | 4,5 | 93,3 | 93,2 | 92,2 | 0,92 | 0,1028 | 153 | 78 |
| | Q3H200L2D | Aluminium | 37,0 | 50,0 | 2960 | 61,9 | 119,4 | 3,3 | 9,9 | 1,0 | 2,9 | 4,4 | 93,7 | 94,4 | 94,0 | 0,92 | 0,1138 | 166 | 78 |
| | Q3E225M2B | Aluminium | 45,0 | 60,0 | 2965 | 77,1 | 144,9 | 2,8 | 8,6 | 0,9 | 2,4 | 3,8 | 94,0 | 93,7 | 92,2 | 0,85 | 0,2350 | 249 | 80 |
| | Q3E250M2A | Aluminium | 55,0 | 75,0 | 2970 | 92,1 | 176,7 | 2,7 | 8 | 0,8 | 2,5 | 3,1 | 94,3 | 94,1 | 92,9 | 0,92 | 0,50903 | 279 | 81 |
| | Q3EP250M2C | Cast Iron | 55,0 | 75,0 | 2982 | 93,8 | 176,1 | 2,3 | 7,0 | 0,9 | 2,7 | 3,4 | 94,3 | 94,0 | 92,6 | 0,90 | 0,4870 | 488 | 81 |
| | Q3EP280M2C | Cast Iron | 75,0 | 100,0 | 2975 | 124,9 | 240,7 | 2,8 | 8,4 | 0,7 | 2,2 | 4,4 | 94,7 | 94,2 | 93,1 | 0,92 | 0,5400 | 585 | 82 |
| | Q3EP280M2D | Cast Iron | 90,0 | 125,0 | 2975 | 150,7 | 288,9 | 2,8 | 8,6 | 0,8 | 2,4 | 5,4 | 95,0 | 94,7 | 93,7 | 0,93 | 0,6450 | 596 | 82 |
| | Q3EP315S2C | Cast Iron | 110,0 | 127,0 | 2,983 | 187 | 358 | 2,4 | 7,2 | 0,6 | 1,7 | 2,6 | 95,2 | 95,2 | 94,0 | 0,89 | 2,19900 | 963 | 83 |
| | Q3EP315M2B | Cast Iron | 132,0 | 152,0 | 2,983 | 224 | 418 | 2,5 | 7,5 | 0,6 | 1,8 | 2,6 | 95,4 | 95,4 | 94,4 | 0,89 | 2,37790 | 1.007 | 83 |
| | Q3EP315L2A | Cast Iron | 160,0 | 184,0 | 2,983 | 271 | 513 | 2,5 | 7,5 | 0,6 | 1,8 | 2,6 | 95,6 | 95,6 | 94,4 | 0,89 | 2,62170 | 1.065 | 83 |
| | Q3EP315L2C | Cast Iron | 200,0 | 230,0 | 2,983 | 339 | 641 | 2,5 | 7,5 | 0,6 | 1,9 | 2,6 | 95,8 | 95,8 | 94,9 | 0,89 | 2,90860 | 1.180 | 83 |
| | Q3EP355M2C | Cast Iron | 250,0 | 280,0 | 2,983 | 419 | 800 | 2,4 | 7,3 | 0,6 | 1,7 | 2,5 | 95,8 | 95,8 | 94,7 | 0,90 | 3,81300 | 1.612 | 91 |
| | Q3EP355L2B | Cast Iron | 315,0 | 353,0 | 2,984 | 527 | 1.008 | 2,4 | 7,3 | 0,6 | 1,8 | 2,5 | 95,8 | 95,7 | 94,4 | 0,90 | 4,52000 | 1.771 | 91 |
| Q3EP355L2C | Cast Iron | 355,0 | 398,0 | 2,981 | 594 | 1.137 | 2,6 | 7,9 | 0,7 | 2,2 | 2,5 | 95,8 | 95,8 | 95,0 | 0,90 | 5,58000 | 2.002 | 91 | |
| 4 kutup 1500 d/dak / 4 pole 1500 rpm | | | | | | | | | | | | | | | | | | | |
| 230/400V | Q3H80M4D | Aluminium | 0,75 | 1,0 | 1445 | 1,7 | 5,0 | 6,7 | - | 2,8 | - | 3,4 | 82,5 | 83,2 | 80,6 | 0,77 | 0,00261 | 13 | 52 |
| | Q3H90L4C | Aluminium | 1,1 | 1,5 | 1447 | 2,6 | 7,3 | 7,2 | - | 3,1 | - | 3,7 | 82,7 | 82,4 | 89,5 | 0,74 | 0,00328 | 15 | 54 |
| | Q3H90L4D | Aluminium | 1,5 | 2,0 | 1449 | 3,5 | 9,9 | 8,1 | - | 3,6 | - | 4,2 | 85,3 | 85,0 | 82,1 | 0,76 | 0,00526 | 20 | 53 |
| | Q3H100L4C | Aluminium | 2,2 | 3,0 | 1443 | 4,9 | 14,6 | 9,5 | - | 5,0 | - | 5,5 | 86,7 | 84,3 | 80,6 | 0,75 | 0,00690 | 25 | 55 |
| | Q3H100L4D | Aluminium | 3,0 | 4,0 | 1446 | 6,2 | 19,9 | 8,4 | - | 3,3 | - | 3,8 | 87,7 | 88,0 | 87,0 | 0,81 | 0,01059 | 31 | 56 |
| 400/690V | Q3H112M4D | Aluminium | 4,0 | 5,5 | 1452 | 8,2 | 26,5 | 3,0 | 9,1 | 1,1 | 3,3 | 4,1 | 88,6 | 88,8 | 87,3 | 0,80 | 0,01383 | 32 | 54 |
| | Q3H132S4B | Aluminium | 5,5 | 7,5 | 1467 | 10,6 | 35,8 | 2,8 | 8,5 | 0,7 | 2,0 | 3,8 | 89,6 | 89,1 | 87,6 | 0,84 | 0,03560 | 53 | 60 |
| | Q3H132M4D | Aluminium | 7,5 | 10,0 | 1467 | 15,2 | 48,8 | 2,7 | 8,2 | 0,8 | 2,3 | 3,8 | 90,4 | 90,7 | 89,6 | 0,80 | 0,04030 | 58 | 60 |
| | Q3H160M4C | Aluminium | 11,0 | 15,0 | 1470 | 21,0 | 71,3 | 2,7 | 8,0 | 0,7 | 2,1 | 3,8 | 91,4 | 91,5 | 90,4 | 0,83 | 0,05940 | 84 | 63 |
| | Q3H160L4B | Aluminium | 15,0 | 20,0 | 1477 | 30,9 | 97,1 | 2,6 | 7,8 | 0,9 | 2,8 | 3,3 | 92,1 | 92,0 | 90,8 | 0,76 | 0,09005 | 101 | 62 |
| | Q3H180M4B | Aluminium | 18,5 | 25,0 | 1474 | 39,5 | 119,9 | 2,5 | 7,4 | 0,8 | 2,3 | 3,5 | 92,6 | 91,9 | 91,2 | 0,74 | 0,11398 | 118 | 67 |
| | Q3H180L4B | Aluminium | 22,0 | 30,0 | 1485 | 41,6 | 141,7 | 3,1 | 9,2 | 0,9 | 2,8 | 3,6 | 93,0 | 93,1 | 92,3 | 0,83 | 0,18660 | 158 | 68 |
| | Q3H200L4D | Aluminium | 30,0 | 40,0 | 1475 | 54,8 | 195,5 | 2,7 | 8,0 | 0,8 | 2,5 | 3,1 | 93,6 | 94,6 | 94,8 | 0,85 | 0,22166 | 194 | 68 |
| | Q3E225M4B | Aluminium | 37,0 | 50,0 | 1485 | 68,6 | 237,9 | 2,9 | 8,8 | 1,0 | 3,1 | 3,7 | 93,9 | 93,8 | 92,6 | 0,84 | 0,36400 | 280 | 71 |
| | Q3E225M4C | Aluminium | 45,0 | 60,0 | 1485 | 83,1 | 289,4 | 3,0 | 9,2 | 1,0 | 3,1 | 3,7 | 94,2 | 94,0 | 93,3 | 0,83 | 0,43500 | 276 | 71 |
| | Q3E250M4B | Cast Iron | 55,0 | 75,0 | 1487 | 106,9 | 353,2 | 3,0 | 9,2 | 1,0 | 3,1 | 3,7 | 94,6 | 94,4 | 93,5 | 0,79 | 0,90782 | 506 | 72 |
| | Q3EP280M4C | Cast Iron | 75,0 | 100,0 | 1485 | 138,9 | 482,3 | 2,6 | 7,8 | 1,0 | 3,0 | 3,2 | 95,0 | 94,8 | 94,0 | 0,82 | 1,06100 | 638 | 73 |
| | Q3EP280M4D | Cast Iron | 90,0 | 125,0 | 1485 | 163,5 | 578,7 | 2,6 | 7,9 | 1,0 | 3,0 | 3,2 | 95,2 | 95,0 | 93,9 | 0,86 | 1,14760 | 653 | 73 |
| | Q3EP315S4C | Cast Iron | 110,0 | 127,0 | 1,489 | 194 | 705 | 2,5 | 7,5 | 0,7 | 2,0 | 2,5 | 95,4 | 95,4 | 94,7 | 0,86 | 3,46500 | 867 | 70 |
| | Q3EP315M4B | Cast Iron | 132,0 | 152,0 | 1,489 | 232 | 846 | 2,5 | 7,6 | 0,7 | 2,1 | 2,5 | 95,6 | 95,6 | 95,0 | 0,86 | 3,96600 | 993 | 70 |
| | Q3EP315L4A | Cast Iron | 160,0 | 184,0 | 1,489 | 274 | 1.026 | 2,5 | 7,6 | 0,7 | 2,2 | 2,5 | 95,8 | 95,8 | 95,4 | 0,88 | 4,88320 | 1.165 | 70 |
| | Q3EP315L4C | Cast Iron | 200,0 | 230,0 | 1,489 | 346 | 1.282 | 2,7 | 8,2 | 0,7 | 2,2 | 2,5 | 96,0 | 96,0 | 95,5 | 0,87 | 5,23440 | 1.223 | 70 |
| | Q3EP355M4C | Cast Iron | 250,0 | 280,0 | 1,491 | 422 | 1.601 | 2,5 | 7,5 | 0,6 | 1,9 | 2,4 | 96,0 | 96,0 | 95,5 | 0,89 | 9,30600 | 1.692 | 82 |
| | Q3EP355L4B | Cast Iron | 315,0 | 353,0 | 1,491 | 532 | 2.017 | 2,5 | 7,5 | 0,6 | 1,9 | 2,4 | 96,0 | 96,0 | 95,5 | 0,89 | 10,06700 | 1.879 | 82 |
| | Q3EP355L4C | Cast Iron | 355,0 | 398,0 | 1,491 | 600 | 2.273 | 2,5 | 7,5 | 0,7 | 2,0 | 2,3 | 96,0 | 96,0 | 95,5 | 0,89 | 11,90000 | 1.953 | 82 |

* IEC 60034-2-1'e göre / According to IEC 60034-2-1

** Ses Basınç Seviyeleri motordan 1m uzaktan ölçülmüştür. / The sound pressure measurements are taken 1m away from the motor

*** Tolerans +3 dBA / Tolerance +3 dBA

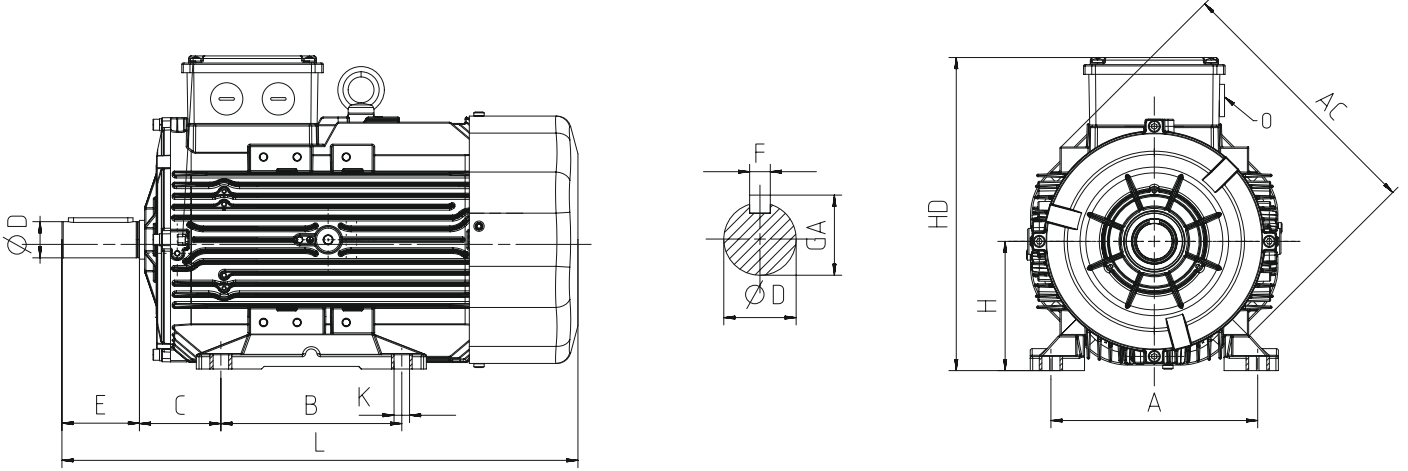
| MOTOR TİPİ MOTOR TYPE | GÖVDE TİPİ HOUSING TYPE | NOMİNAL RATED VALUES | | | | | | KALKIŞTAKİ DEĞERLER STARTING VALUES | | | | Devrilme Momenti Oranı Breakdown Torque Ratio Mk/ Mn | VERİM* EFFICIENCY* | | | Cos φ | J | Ağırlık Weight (B3) | Ses Basınç Seviyesi Sound Pressure Level dBA ** |
|--------------------------------------|----------------------------------|-------------------------|------|----------------|-----------------|------------------|-----------------|--|------------------|-------------|-------|---|-----------------------|-------|------|-------|---------|---------------------------|---|
| | | GÜÇ POWER | | DEVİR SPEED | AKIM CURRENT | MOMENT TORQUE | AKIM CURRENT | | MOMENT TORQUE | | η% | | | | | | | | |
| | | kW | HP | | | | rpm | A | Nm | I_A / I_N | $I_Δ$ | | M_A / M_N | $M_Δ$ | 4/4 | | | | |
| 6 kutup 1000 d/dak / 6 pole 1000 rpm | | | | | | | | | | | | | | | | | | | |
| 230/400V | Q3H90L6C | Aluminium | 0,75 | 1,0 | 950 | 2,1 | 7,6 | 4,9 | - | 2,5 | - | 3,0 | 78,9 | 78,4 | 74,9 | 0,67 | 0,00460 | 18 | 53 |
| | Q3H90L6D | Aluminium | 1,1 | 1,5 | 950 | 3,0 | 11,1 | 4,5 | - | 2,6 | - | 2,9 | 81,0 | 80,6 | 78,3 | 0,67 | 0,00528 | 20 | 53 |
| | Q3H100L6D | Aluminium | 1,5 | 2,0 | 960 | 4,1 | 14,9 | 4,8 | - | 2,6 | - | 3,0 | 82,5 | 81,7 | 78,2 | 0,65 | 0,01059 | 26 | 55 |
| | Q3H112M6D | Aluminium | 2,2 | 3,0 | 957 | 5,2 | 22,0 | 4,9 | - | 2,7 | - | 3,0 | 84,3 | 84,6 | 83,7 | 0,71 | 0,01383 | 32 | 57 |
| 400/690V | Q3H132S6A | Aluminium | 3,0 | 4,0 | 978 | 7,3 | 29,3 | 1,9 | 5,7 | 0,6 | 2,0 | 2,5 | 85,6 | 85,2 | 82,8 | 0,68 | 0,03560 | 53 | 61 |
| | Q3H132M6A | Aluminium | 4,0 | 5,5 | 975 | 9,1 | 39,2 | 2,0 | 6,0 | 0,7 | 2,2 | 2,6 | 86,8 | 85,7 | 82,8 | 0,72 | 0,04030 | 58 | 60 |
| | Q3H132M6B | Aluminium | 5,5 | 7,5 | 971 | 12,0 | 54,1 | 2,1 | 6,3 | 0,7 | 2,1 | 2,6 | 88,0 | 87,6 | 85,3 | 0,75 | 0,05940 | 82 | 60 |
| | Q3H160M6C | Aluminium | 7,5 | 10,0 | 976 | 16,5 | 73,4 | 2,0 | 6,0 | 0,7 | 2,2 | 3,0 | 89,1 | 89,0 | 88,0 | 0,73 | 0,07540 | 88 | 62 |
| | Q3H160L6D | Aluminium | 11,0 | 15,0 | 974 | 24,2 | 107,8 | 2,1 | 6,3 | 0,7 | 2,2 | 3,0 | 90,3 | 90,1 | 89,3 | 0,73 | 0,09000 | 101 | 62 |
| | Q3H180L6B | Aluminium | 15,0 | 20,0 | 980 | 32,2 | 146,2 | 2,2 | 6,6 | 0,7 | 2,1 | 2,9 | 91,2 | 90,9 | 88,7 | 0,75 | 0,18660 | 155 | 68 |
| | Q3H200L6C | Aluminium | 18,5 | 25,0 | 981 | 40,3 | 180,1 | 2,3 | 6,9 | 0,6 | 1,9 | 2,7 | 91,7 | 91,6 | 91,3 | 0,72 | 0,23286 | 194 | 69 |
| | Q3H200L6D | Aluminium | 22,0 | 30,0 | 982 | 50,5 | 213,9 | 2,9 | 5,0 | 0,6 | 1,9 | 2,2 | 92,2 | 92,2 | 91,6 | 0,69 | 0,22166 | 193 | 69 |
| | Q3E225M6C | Aluminium | 30,0 | 40,0 | 975 | 59,1 | 293,8 | 1,9 | 6,1 | 0,6 | 1,8 | 2,5 | 92,9 | 92,8 | 91,8 | 0,80 | 0,52900 | 238 | 71 |

* IEC 60034-2-1'e göre / According to IEC 60034-2-1

** Ses Basınç Seviyeleri motordan 1m uzaklıktan ölçülmüştür. / The sound pressure measurements are taken 1m away from the motor

*** Tolerans +3 dBA / Tolerance +3 dBA

BOYUTLAR - B3 / DIMENSION - B3



| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayaklı Motorlar Foot Mounted Motors | | | | | Mil Shaft | | | | Rulman Bearing | | Keçe Seal | | |
|----------------------|---------------------------------------|--------------------------|----------------------------------|---------------------------------|-----|-------|--|-----|-----|-----|------|--------------|------------------|-----|------|-------------------|---------------------------------|---|---------------------------------|---|
| | | | | AC | L | O | B | A | H | HD | K | C | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksı Non Drive Side | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksı Non Drive Side |
| 0,75 | 2 | Q3H80M2C | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 50 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 |
| 0,75 | 4 | Q3H80M4D | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 50 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 |
| 0,75 | 6 | Q3H90L6C | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 56 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 |
| 1,1 | 2 | Q3H80M2D | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 50 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 |
| 1,1 | 4 | Q3H90L4C | Aluminium | 158 | 303 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 56 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 |
| 1,1 | 6 | Q3H90L6D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 56 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 |
| 1,5 | 2 | Q3H90L2C | Aluminium | 158 | 303 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 56 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 |
| 1,5 | 4 | Q3H90L4D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 56 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 |
| 1,5 | 6 | Q3H100L6D | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 63 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 |
| 2,2 | 2 | Q3H90L2D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 56 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 |
| 2,2 | 4 | Q3H100L4C | Aluminium | 172 | 384 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 63 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 |
| 2,2 | 6 | Q3H112M6D | Aluminium | 210 | 396 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 70 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 |
| 3 | 2 | Q3H100L2D | Aluminium | 172 | 349 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 63 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 |
| 3 | 4 | Q3H100L4D | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 63 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 |
| 3 | 6 | Q3H132S6A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 |
| 4 | 2 | Q3H112M2C | Aluminium | 191 | 400 | 1xM25 | 140 | 190 | 112 | 254 | 12 | 70 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 |
| 4 | 4 | Q3H112M4D | Aluminium | 210 | 396 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 70 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 |
| 4 | 6 | Q3H132M6A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 |
| 5,5 | 2 | Q3H132S2C | Aluminium | 210 | 422 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 |
| 5,5 | 4 | Q3H132S4B | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 |
| 5,5 | 6 | Q3H132M6B | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 |
| 7,5 | 2 | Q3H132S2D | Aluminium | 210 | 448 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 |
| 7,5 | 4 | Q3H132M4D | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 |
| 7,5 | 6 | Q3H160M6C | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 108 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 |
| 11 | 2 | Q3H160M2C | Aluminium | 260 | 520 | 1xM32 | 210-254 | 254 | 160 | 351 | 14,5 | 108 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6208-ZZ | 45*72*10 | 40*62*10 |
| 11 | 4 | Q3H160M4C | Aluminium | 260 | 578 | 1xM32 | 210-254 | 254 | 160 | 351 | 14,5 | 108 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6208-ZZ | 45*72*10 | 40*62*10 |
| 11 | 6 | Q3H160L6D | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 108 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 |
| 15 | 2 | Q3H160M2DE | Aluminium | 260 | 580 | 1xM32 | 210-254 | 254 | 160 | 351 | 14,5 | 108 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6208-ZZ | 45*72*10 | 40*62*10 |
| 15 | 4 | Q3H160L4B | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 108 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 |
| 15 | 6 | Q3H180L6B | Aluminium | 349 | 696 | 1xM40 | 241-279 | 279 | 180 | 437 | 14,5 | 121 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6310-ZZ | 50*80*10 | 50*80*10 |

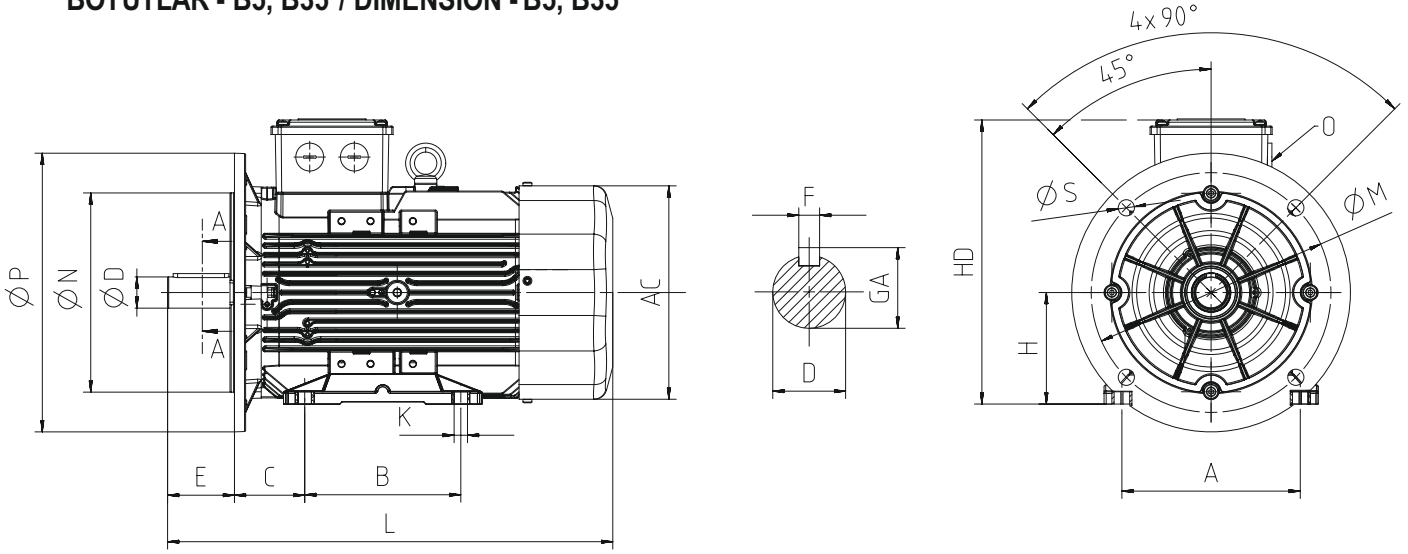
(1) Toleranslar 28 mm'ye kadar DIN EN 50347 "j6", 28 mm ve üzeri "k6" / Tolerance DIN EN 50347 "j6" up to 28mm, "k6" above 28mm
(2) DIN 6885'e göre / According to DIN 6885

| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayaklı Motorlar Foot Mounted Motors | | | | | | Mil Shaft | | | | Rulman Bearing | | Keçe Seal | |
|----------------|------------------------------|-----------------------|-------------------------|------------------------------|------|-------|-------------------------------------|-----|-----|-----|------|-----|------------------|-----|------|------------------|--------------------------|-----------------------------------|--------------------------|-----------------------------------|
| | | | | AC | L | O | B | A | H | HD | K | C | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Tarafı Drive Side | Kasnak Tarafı Aksi Non drive Side | Kasnak Tarafı Drive Side | Kasnak Tarafı Aksi Non drive Side |
| 18,5 | 2 | Q3H160L2C | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 108 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 |
| 18,5 | 4 | Q3H180M4B | Aluminium | 305 | 596 | 1xM32 | 241-279 | 279 | 180 | 398 | 14,5 | 121 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6209-ZZ | 50*80*10 | 45*72*10 |
| 18,5 | 6 | Q3H200L6C | Aluminium | 349 | 750 | 1xM50 | 305 | 318 | 200 | 455 | 18,5 | 133 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 |
| 22 | 2 | Q3H180M2B | Aluminium | 305 | 596 | 1xM32 | 241-279 | 279 | 180 | 398 | 14,5 | 121 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6209-ZZ | 50*80*10 | 45*72*10 |
| 22 | 4 | Q3H180L4B | Aluminium | 349 | 696 | 1xM40 | 241-279 | 279 | 180 | 437 | 14,5 | 121 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6310-ZZ | 50*80*10 | 50*80*10 |
| 22 | 6 | Q3H200L6D | Aluminium | 349 | 759 | 1xM50 | 267-305 | 318 | 200 | 455 | 18,5 | 133 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 |
| 30 | 2 | Q3H200L2C | Aluminium | 349 | 706 | 1xM50 | 267-305 | 318 | 200 | 455 | 18,5 | 133 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 |
| 30 | 4 | Q3H200L4D | Aluminium | 349 | 759 | 1xM50 | 267-305 | 318 | 200 | 455 | 18,5 | 133 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 |
| 30 | 6 | Q3E225M6C | Aluminium | 456 | 765 | 1xM50 | 286-311 | 356 | 225 | 485 | 18,5 | 149 | 60 | 140 | 64,0 | 18 | 6313-ZZ | 6313-ZZ | 65*100*13 | 65*100*13 |
| 37 | 2 | Q3H200L2D | Aluminium | 349 | 706 | 1xM50 | 305 | 318 | 200 | 455 | 18,5 | 133 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 |
| 37 | 4 | Q3E225M4B | Aluminium | 456 | 765 | 1xM50 | 286-311 | 356 | 225 | 485 | 18,5 | 149 | 60 | 140 | 64,0 | 18 | 6313-ZZ | 6313-ZZ | 65*100*13 | 65*100*13 |
| 45 | 2 | Q3E225M2B | Aluminium | 456 | 735 | 1xM50 | 286-311 | 356 | 225 | 485 | 18,5 | 149 | 55 | 110 | 59,0 | 16 | 6313-ZZ | 6313-ZZ | 65*100*13 | 65*100*13 |
| 45 | 4 | Q3E225M4C | Aluminium | 456 | 765 | 1xM50 | 286-311 | 356 | 225 | 485 | 18,5 | 149 | 60 | 140 | 64,0 | 18 | 6313-ZZ | 6313-ZZ | 65*100*13 | 65*100*13 |
| 55 | 2 | Q3E250M2A | Aluminium | 527 | 886 | 2xM50 | 349 | 406 | 250 | 615 | 24 | 149 | 60 | 140 | 64,0 | 18 | 6315-ZZ | 6313-ZZ | 75*112*12 | 65*100*13 |
| 55 | 2 | Q3EP250M2C | Cast Iron | 489 | 893 | 1xM50 | 349 | 406 | 250 | 616 | 24 | 149 | 60 | 140 | 69,0 | 18 | 6316 | 6316 | 80*100*10 | 80*100*10 |
| 55 | 4 | Q3E250M4B | Cast Iron | 489 | 893 | 1xM50 | 349 | 406 | 250 | 616 | 24 | 149 | 65 | 140 | 69,0 | 18 | 6316 | 6316 | 80*100*10 | 80*100*10 |
| 75 | 2 | Q3EP280M2C | Cast Iron | 489 | 1025 | 1xM50 | 419 | 457 | 280 | 647 | 24 | 190 | 65 | 140 | 69,0 | 18 | 6316 | 6316 | 80*100*10 | 80*100*10 |
| 75 | 4 | Q3EP280M4C | Cast Iron | 489 | 1025 | 1xM50 | 419 | 457 | 280 | 647 | 24 | 190 | 75 | 140 | 79,5 | 20 | 6316 | 6316 | 80*100*10 | 80*100*10 |
| 90 | 2 | Q3EP280M2D | Cast Iron | 489 | 1025 | 1xM50 | 419 | 457 | 280 | 647 | 24 | 190 | 65 | 140 | 69,0 | 18 | 6316 | 6316 | 80*100*10 | 80*100*10 |
| 90 | 4 | Q3EP280M4D | Cast Iron | 489 | 1025 | 1xM50 | 419 | 457 | 280 | 647 | 24 | 190 | 75 | 140 | 79,5 | 20 | 6316 | 6316 | 80*100*10 | 80*100*10 |
| 110 | 2 | Q3EP315S2C | Cast Iron | 652 | 1176 | 2xM63 | 406 | 508 | 315 | 833 | 28 | 216 | 65 | 140 | 69 | 18 | 6316 | 6316 | 80*100*5.5 | 80*100*5.5 |
| 110 | 4 | Q3EP315S4C | Cast Iron | 652 | 1206 | 2xM63 | 406 | 508 | 315 | 833 | 28 | 216 | 80 | 170 | 85 | 22 | 6319 | 6319 | 95*115*5.5 | 95*115*5.5 |
| 132 | 2 | Q3EP315M2B | Cast Iron | 652 | 1176 | 2xM63 | 457 | 508 | 315 | 833 | 28 | 216 | 65 | 140 | 69 | 18 | 6316 | 6316 | 80*100*5.5 | 80*100*5.5 |
| 132 | 4 | Q3EP315M4B | Cast Iron | 652 | 1206 | 2xM63 | 457 | 508 | 315 | 833 | 28 | 216 | 80 | 170 | 85 | 22 | 6319 | 6319 | 95*115*5.5 | 95*115*5.5 |
| 160 | 2 | Q3EP315L2A | Cast Iron | 652 | 1287 | 2xM63 | 508 | 508 | 315 | 833 | 28 | 216 | 65 | 140 | 69 | 18 | 6316 | 6316 | 80*100*5.5 | 80*100*5.5 |
| 160 | 4 | Q3EP315L4A | Cast Iron | 652 | 1317 | 2xM63 | 508 | 508 | 315 | 833 | 28 | 216 | 80 | 170 | 85 | 22 | 6319 | 6319 | 95*115*5.5 | 95*115*5.5 |
| 200 | 2 | Q3EP315L2C | Cast Iron | 652 | 1287 | 2xM63 | 508 | 508 | 315 | 833 | 28 | 216 | 65 | 140 | 69 | 18 | 6316 | 6316 | 80*100*5.5 | 80*100*5.5 |
| 200 | 4 | Q3EP315L4C | Cast Iron | 652 | 1317 | 2xM63 | 508 | 508 | 315 | 833 | 28 | 216 | 80 | 170 | 85 | 22 | 6319 | 6319 | 95*115*5.5 | 95*115*5.5 |
| 250 | 2 | Q3EP355M2C | Cast Iron | 762 | 1512 | 4xM63 | 560 | 610 | 355 | 997 | 28 | 254 | 75 | 140 | 80 | 20 | 6317 | 6317 | 85*105*5.5 | 85*105*5.5 |
| 250 | 4 | Q3EP355M4C | Cast Iron | 762 | 1542 | 4xM63 | 560 | 610 | 355 | 997 | 28 | 254 | 95 | 170 | 100 | 25 | 6322 | 6322 | 110*130*5.5 | 110*130*5.5 |
| 315 | 2 | Q3EP355L2B | Cast Iron | 762 | 1512 | 4xM63 | 630 | 610 | 355 | 997 | 28 | 254 | 75 | 140 | 80 | 20 | 6317 | 6317 | 85*105*5.5 | 85*105*5.5 |
| 315 | 4 | Q3EP355L4B | Cast Iron | 762 | 1542 | 4xM63 | 630 | 610 | 355 | 997 | 28 | 254 | 95 | 170 | 100 | 25 | 6322 | 6322 | 110*130*5.5 | 110*130*5.5 |
| 355 | 2 | Q3EP355L2C | Cast Iron | 762 | 1512 | 4xM63 | 630 | 610 | 355 | 997 | 28 | 254 | 75 | 140 | 80 | 20 | 6317 | 6317 | 85*105*5.5 | 85*105*5.5 |
| 355 | 4 | Q3EP355L4C | Cast Iron | 762 | 1542 | 4xM63 | 630 | 610 | 355 | 997 | 28 | 254 | 95 | 170 | 100 | 25 | 6322 | 6322 | 110*130*5.5 | 110*130*5.5 |

(1) Toleranslar 28 mm'ye kadar DIN EN 50347 "j6", 28 mm ve üzeri "k6" / Tolerance DIN EN 50347 "j6" up to 28mm, "k6" above 28mm

(2) DIN 6885'e göre / According to DIN 6885

BOYUTLAR - B5, B35 / DIMENSION - B5, B35



| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayaklı Motorlar Foot Mounted Motors | | | | | Mil Shaft | | Rulman Bearing | | Keçe Seal | | Flanş (FA) (B5) Flange (FA) (B5) | | | | | | |
|----------------------|---------------------------------------|--------------------------|----------------------------------|---------------------------------|-----|-------|--|-----|-----|-----|------|------------------|-----|-------------------|------------------|---------------------------------|---|-------------------------------------|---|-----|------------------|-----|---|------|
| | | | | AC | L | O | B | A | H | HD | K | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksı Non drive Side | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksı Non drive Side | P | N ⁽³⁾ | M | R | S |
| 0,75 | 2 | Q3H80M2C | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 200 | 130 | 165 | - | 12 |
| 0,75 | 4 | Q3H80M4D | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 200 | 130 | 165 | - | 12 |
| 0,75 | 6 | Q3H90L6C | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 200 | 130 | 165 | - | 12 |
| 1,1 | 2 | Q3H80M2D | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 200 | 130 | 165 | - | 12 |
| 1,1 | 4 | Q3H90L4C | Aluminium | 158 | 303 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 | 200 | 130 | 165 | - | 12 |
| 1,1 | 6 | Q3H90L6D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 200 | 130 | 165 | - | 12 |
| 1,5 | 2 | Q3H90L2C | Aluminium | 158 | 303 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 | 200 | 130 | 165 | - | 12 |
| 1,5 | 4 | Q3H90L4D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 200 | 130 | 165 | - | 12 |
| 1,5 | 6 | Q3H100L6D | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 | 250 | 180 | 215 | - | 14,5 |
| 2,2 | 2 | Q3H90L2D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 200 | 130 | 165 | - | 12 |
| 2,2 | 4 | Q3H100L4C | Aluminium | 172 | 384 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 250 | 180 | 215 | - | 14,5 |
| 2,2 | 6 | Q3H112M6D | Aluminium | 210 | 396 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 250 | 180 | 215 | - | 14,5 |
| 3 | 2 | Q3H100L2D | Aluminium | 172 | 349 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 250 | 180 | 215 | - | 14,5 |
| 3 | 4 | Q3H100L4D | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 | 250 | 180 | 215 | - | 14,5 |
| 3 | 6 | Q3H132S6A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 300 | 230 | 265 | - | 14,5 |
| 4 | 2 | Q3H112M2C | Aluminium | 191 | 399 | 1xM25 | 140 | 190 | 112 | 254 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 250 | 180 | 215 | - | 14,5 |
| 4 | 4 | Q3H112M4D | Aluminium | 210 | 396 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 250 | 180 | 215 | - | 14,5 |
| 4 | 6 | Q3H132M6A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 300 | 230 | 265 | - | 14,5 |
| 5,5 | 2 | Q3H132S2C | Aluminium | 210 | 422 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 | 300 | 230 | 265 | - | 14,5 |
| 5,5 | 4 | Q3H132S4B | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 300 | 230 | 265 | - | 14,5 |
| 5,5 | 6 | Q3H132M6B | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 300 | 230 | 265 | - | 14,5 |
| 7,5 | 2 | Q3H132S2D | Aluminium | 210 | 448 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 | 300 | 230 | 265 | - | 14,5 |
| 7,5 | 4 | Q3H132M4D | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 300 | 230 | 265 | - | 14,5 |
| 7,5 | 6 | Q3H160M6C | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 | 350 | 250 | 300 | - | 18,5 |
| 11 | 2 | Q3H160M2C | Aluminium | 260 | 520 | 1xM32 | 210-254 | 254 | 160 | 351 | 14,5 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6208-ZZ | 45*72*10 | 40*62*10 | 350 | 250 | 300 | - | 18,5 |
| 11 | 4 | Q3H160M4C | Aluminium | 260 | 580 | 1xM32 | 210-254 | 254 | 160 | 351 | 14,5 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6208-ZZ | 45*72*10 | 40*62*10 | 350 | 250 | 300 | - | 18,5 |
| 11 | 6 | Q3H160L6D | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 | 350 | 250 | 300 | - | 18,5 |
| 15 | 2 | Q3H160M2DE | Aluminium | 260 | 580 | 1xM32 | 210-254 | 254 | 160 | 351 | 14,5 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6208-ZZ | 45*72*10 | 40*62*10 | 350 | 250 | 300 | - | 18,5 |
| 15 | 4 | Q3H160L4B | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 | 350 | 250 | 300 | - | 18,5 |
| 15 | 6 | Q3H180L6B | Aluminium | 349 | 696 | 1xM40 | 241-279 | 279 | 180 | 437 | 14,5 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6310-ZZ | 50*80*10 | 50*80*10 | 350 | 250 | 300 | - | 18,5 |

(1) Toleranslar 28 mm'ye kadar DIN EN 50347 "j6", 28 mm ve üzeri "k6" / Tolerance DIN EN 50347 "j6" up to 28mm, "k6" above 28mm

(2) DIN 6885'e göre / According to DIN 6885

(3) Tolerans DIN EN 50347 "j6" / Tolerance DIN EN 50347 "j6"

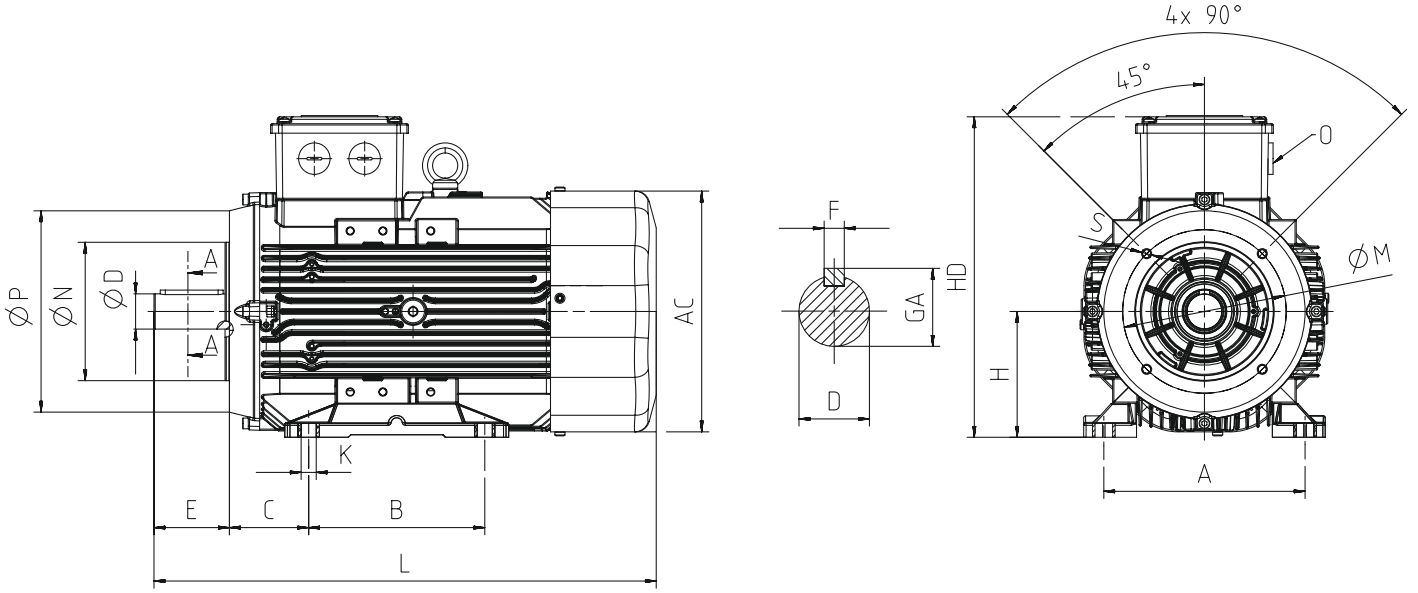
| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayaklı Motorlar Foot Mounted Motors | | | | | Mil Shaft | | | | Rulman Bearing | | Keçe Seal | | Flanş (FA) (B5) Flange (FA) (B5) | | | | |
|----------------|------------------------------|-----------------------|-------------------------|------------------------------|------|-------|-------------------------------------|-----|-----|-----|------|------------------|-----|------|------------------|--------------------------|------------------------------------|--------------------------|------------------------------------|----------------------------------|------------------|-----|---|------|
| | | | | AC | L | O | B | A | H | HD | K | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Tarafı Drive Side | Kasnak Tarafı Aksli Non drive Side | Kasnak Tarafı Drive Side | Kasnak Tarafı Aksli Non drive Side | P | N ⁽³⁾ | M | R | S |
| 18,5 | 4 | Q3H180M4B | Aluminium | 305 | 596 | 1xM32 | 241-279 | 279 | 180 | 398 | 14,5 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6209-ZZ | 50*80*10 | 45*72*10 | 350 | 250 | 300 | - | 18,5 |
| 18,5 | 6 | Q3H200L6C | Aluminium | 349 | 750 | 1xM50 | 305 | 318 | 200 | 455 | 18,5 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 | 400 | 300 | 350 | - | 18,5 |
| 22 | 2 | Q3H180M2A | Aluminium | 305 | 596 | 1xM32 | 241-279 | 279 | 180 | 398 | 14,5 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6209-ZZ | 50*80*10 | 45*72*10 | 350 | 250 | 300 | - | 18,5 |
| 22 | 4 | Q3H180L4B | Aluminium | 349 | 696 | 1xM40 | 241-279 | 279 | 180 | 437 | 14,5 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6310-ZZ | 50*80*10 | 50*80*10 | 350 | 250 | 300 | - | 18,5 |
| 22 | 6 | Q3H200L6D | Aluminium | 349 | 759 | 1xM50 | 305 | 318 | 200 | 455 | 18,5 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 | 400 | 300 | 350 | - | 18,5 |
| 30 | 2 | Q3H200L2C | Aluminium | 349 | 706 | 1xM50 | 305 | 318 | 200 | 455 | 18,5 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 | 400 | 300 | 350 | - | 18,5 |
| 30 | 4 | Q3H200L4D | Aluminium | 349 | 759 | 1xM50 | 305 | 318 | 200 | 455 | 18,5 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 | 400 | 300 | 350 | - | 18,5 |
| 30 | 6 | Q3E225M6C | Aluminium | 456 | 765 | 1xM50 | 286-311 | 356 | 225 | 485 | 18,5 | 60 | 140 | 64,0 | 18 | 6313-ZZ | 6313-ZZ | 65*100*13 | 65*100*13 | 450 | 350 | 400 | - | 18,5 |
| 37 | 2 | Q3H200L2D | Aluminium | 349 | 706 | 1xM50 | 305 | 318 | 200 | 455 | 18,5 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 | 400 | 300 | 350 | - | 18,5 |
| 37 | 4 | Q3E225M4B | Aluminium | 456 | 765 | 1xM50 | 286-311 | 356 | 225 | 485 | 18,5 | 60 | 140 | 64,0 | 18 | 6313-ZZ | 6313-ZZ | 65*100*13 | 65*100*13 | 450 | 350 | 400 | - | 18,5 |
| 45 | 2 | Q3E225M2B | Aluminium | 456 | 735 | 1xM50 | 286-311 | 356 | 225 | 485 | 18,5 | 55 | 110 | 59,0 | 16 | 6313-ZZ | 6313-ZZ | 65*100*13 | 65*100*13 | 450 | 350 | 400 | - | 18,5 |
| 45 | 4 | Q3E225M4C | Aluminium | 456 | 765 | 1xM50 | 286-311 | 356 | 225 | 485 | 18,5 | 60 | 140 | 64,0 | 18 | 6313-ZZ | 6313-ZZ | 65*100*13 | 65*100*13 | 450 | 350 | 400 | - | 18,5 |
| 55 | 2 | Q3E250M2A | Aluminium | 527 | 886 | 2*M50 | 349 | 406 | 250 | 615 | 24 | 60 | 140 | 64,0 | 18 | 6315-ZZ | 6313-ZZ | 75*112*12 | 65*100*13 | 550 | 450 | 500 | - | 18,5 |
| 55 | 2 | Q3EP250M2C | Cast Iron | 489 | 893 | 1xM50 | 349 | 406 | 250 | 616 | 24 | 60 | 140 | 69,0 | 18 | 6316 | 6316 | 80*100*10 | 80*100*10 | 550 | 450 | 500 | - | 18,5 |
| 55 | 4 | Q3E250M4B | Cast Iron | 489 | 893 | 1xM50 | 349 | 406 | 250 | 616 | 24 | 65 | 140 | 69,0 | 18 | 6316 | 6316 | 80*100*10 | 80*100*10 | 550 | 450 | 500 | - | 18,5 |
| 75 | 2 | Q3EP280M2C | Cast Iron | 489 | 1025 | 1xM50 | 368-419 | 457 | 280 | 647 | 24 | 65 | 140 | 69,0 | 18 | 6316 | 6316 | 80*100*10 | 80*100*10 | 550 | 450 | 500 | - | 18,5 |
| 75 | 4 | Q3EP280M4C | Cast Iron | 489 | 1025 | 1xM50 | 368-419 | 457 | 280 | 647 | 24 | 75 | 140 | 79,5 | 20 | 6316 | 6316 | 80*100*10 | 80*100*10 | 550 | 450 | 500 | - | 18,5 |
| 90 | 2 | Q3EP280M2D | Cast Iron | 489 | 1025 | 1xM50 | 368-419 | 457 | 280 | 647 | 24 | 65 | 140 | 69,0 | 18 | 6316 | 6316 | 80*100*10 | 80*100*10 | 550 | 450 | 500 | - | 18,5 |
| 90 | 4 | Q3EP280M4D | Cast Iron | 489 | 1025 | 1xM50 | 368-419 | 457 | 280 | 647 | 24 | 75 | 140 | 79,5 | 20 | 6316 | 6316 | 80*100*10 | 80*100*10 | 550 | 450 | 500 | - | 18,5 |
| 110 | 2 | Q3EP315S2C | Cast Iron | 652 | 1176 | 2*M63 | 406 | 508 | 315 | 833 | 28 | 65 | 140 | 69 | 18 | 6316 | 6316 | 80*100*5,5 | 80*100*5,5 | 660 | 550 | 600 | 0 | 24 |
| 110 | 4 | Q3EP315S4C | Cast Iron | 652 | 1206 | 2*M63 | 406 | 508 | 315 | 833 | 28 | 80 | 170 | 85 | 22 | 6319 | 6319 | 95*115*5,5 | 95*115*5,5 | 660 | 550 | 600 | 0 | 24 |
| 132 | 2 | Q3EP315M2B | Cast Iron | 652 | 1176 | 2*M63 | 457 | 508 | 315 | 833 | 28 | 65 | 140 | 69 | 18 | 6316 | 6316 | 80*100*5,5 | 80*100*5,5 | 660 | 550 | 600 | 0 | 24 |
| 132 | 4 | Q3EP315M4B | Cast Iron | 652 | 1206 | 2*M63 | 457 | 508 | 315 | 833 | 28 | 80 | 170 | 85 | 22 | 6319 | 6319 | 95*115*5,5 | 95*115*5,5 | 660 | 550 | 600 | 0 | 24 |
| 160 | 2 | Q3EP315L2A | Cast Iron | 652 | 1287 | 2*M63 | 508 | 508 | 315 | 833 | 28 | 65 | 140 | 69 | 18 | 6316 | 6316 | 80*100*5,5 | 80*100*5,5 | 660 | 550 | 600 | 0 | 24 |
| 160 | 4 | Q3EP315L4A | Cast Iron | 652 | 1317 | 2*M63 | 508 | 508 | 315 | 833 | 28 | 80 | 170 | 85 | 22 | 6319 | 6319 | 95*115*5,5 | 95*115*5,5 | 660 | 550 | 600 | 0 | 24 |
| 200 | 2 | Q3EP315L2C | Cast Iron | 652 | 1287 | 2*M63 | 508 | 508 | 315 | 833 | 28 | 65 | 140 | 69 | 18 | 6316 | 6316 | 80*100*5,5 | 80*100*5,5 | 660 | 550 | 600 | 0 | 24 |
| 200 | 4 | Q3EP315L4C | Cast Iron | 652 | 1317 | 2*M63 | 508 | 508 | 315 | 833 | 28 | 80 | 170 | 85 | 22 | 6319 | 6319 | 95*115*5,5 | 95*115*5,5 | 660 | 550 | 600 | 0 | 24 |
| 250 | 2 | Q3EP355M2C | Cast Iron | 762 | 1512 | 4*M63 | 560 | 610 | 355 | 997 | 28 | 75 | 140 | 80 | 20 | 6317 | 6317 | 85*105*5,5 | 85*105*5,5 | 800 | 680 | 740 | 0 | 24 |
| 250 | 4 | Q3EP355M4C | Cast Iron | 762 | 1542 | 4*M63 | 560 | 610 | 355 | 997 | 28 | 95 | 170 | 100 | 25 | 6322 | 6322 | 110*130*5,5 | 110*130*5,5 | 800 | 680 | 740 | 0 | 24 |
| 315 | 2 | Q3EP355L2B | Cast Iron | 762 | 1512 | 4*M63 | 630 | 610 | 355 | 997 | 28 | 75 | 140 | 80 | 20 | 6317 | 6317 | 85*105*5,5 | 85*105*5,5 | 800 | 680 | 740 | 0 | 24 |
| 315 | 4 | Q3EP355L4B | Cast Iron | 762 | 1542 | 4*M63 | 630 | 610 | 355 | 997 | 28 | 95 | 170 | 100 | 25 | 6322 | 6322 | 110*130*5,5 | 110*130*5,5 | 800 | 680 | 740 | 0 | 24 |
| 355 | 2 | Q3EP355L2C | Cast Iron | 762 | 1512 | 4*M63 | 630 | 610 | 355 | 997 | 28 | 75 | 140 | 80 | 20 | 6317 | 6317 | 85*105*5,5 | 85*105*5,5 | 800 | 680 | 740 | 0 | 24 |
| 355 | 4 | Q3EP355L4C | Cast Iron | 762 | 1542 | 4*M63 | 630 | 610 | 355 | 997 | 28 | 95 | 170 | 100 | 25 | 6322 | 6322 | 110*130*5,5 | 110*130*5,5 | 800 | 680 | 740 | 0 | 24 |

(1) Toleranslar 28 mm'ye kadar DIN EN 50347 "j6", 28 mm ve üzeri "k6" / Tolerance DIN EN 50347 "j6" up to 28mm, "k6" above 28mm

(2) DIN 6885'e göre / According to DIN 6885

(3) Tolerans DIN EN 50347 "j6" / Tolerance DIN EN 50347 "j6"

BOYUTLAR - B14a, B34a / DIMENSION - B14a, B34a



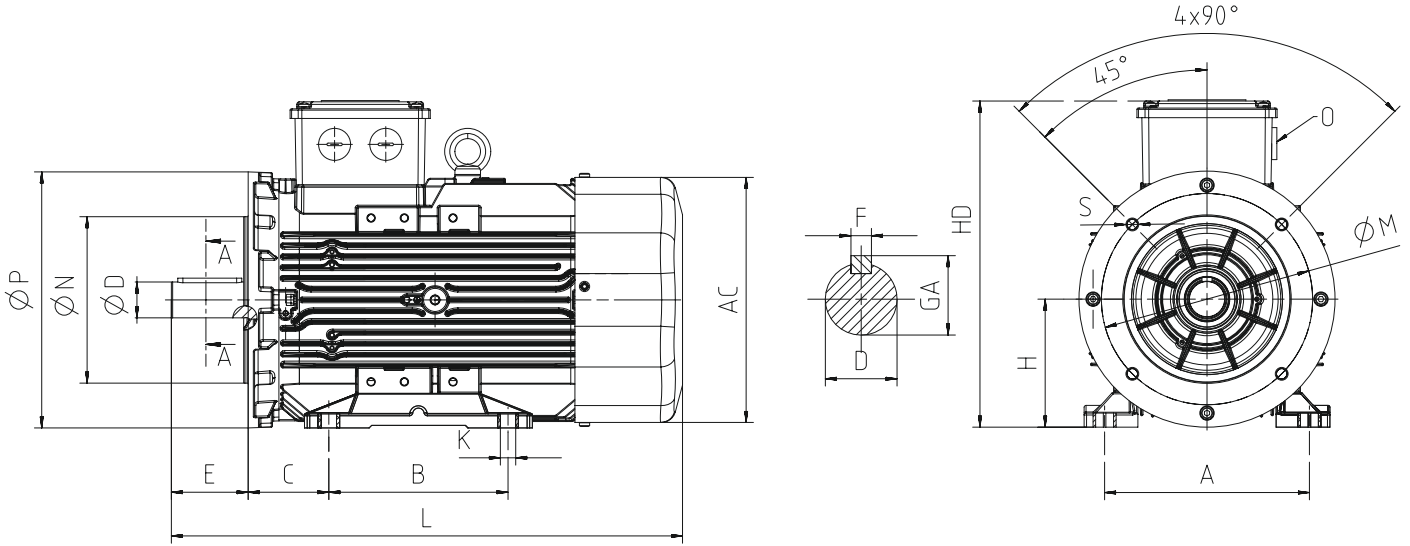
| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayaklı Motorlar Foot Mounted Motors | | | | Mil Shaft | | Rulman Bearing | | Keçe Seal | | Flanş (FC) (B14a) Flange (FC) (B14a) | | | | | | | |
|----------------------|---------------------------------------|--------------------------|----------------------------------|---------------------------------|-----|-------|--|-----|-----|-----|--------------|------------------|-------------------|------|------------------|---------------------------------|---|---------------------------------|---|-----|------------------|-----|---|-----|
| | | | | AC | L | O | B | A | H | HD | K | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksı Non drive Side | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksı Non drive Side | P | N ⁽³⁾ | M | R | S |
| 0,75 | 2 | Q3H80M2C | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 120 | 80 | 100 | - | M6 |
| 0,75 | 4 | Q3H80M4D | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 120 | 80 | 100 | - | M6 |
| 0,75 | 6 | Q3H90L6C | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 140 | 95 | 115 | - | M8 |
| 1,1 | 2 | Q3H80M2D | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 120 | 80 | 100 | - | M6 |
| 1,1 | 4 | Q3H90L4C | Aluminium | 158 | 303 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 | 140 | 95 | 115 | - | M8 |
| 1,1 | 6 | Q3H90L6D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 140 | 95 | 115 | - | M8 |
| 1,5 | 2 | Q3H90L2C | Aluminium | 158 | 303 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 | 140 | 95 | 115 | - | M8 |
| 1,5 | 4 | Q3H90L4D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 140 | 95 | 115 | - | M8 |
| 1,5 | 6 | Q3H100L6D | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 | 160 | 110 | 130 | - | M8 |
| 2,2 | 2 | Q3H90L2D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 140 | 95 | 115 | - | M8 |
| 2,2 | 4 | Q3H100L4C | Aluminium | 172 | 384 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 2,2 | 6 | Q3H112M6D | Aluminium | 210 | 396 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 160 | 110 | 130 | - | M8 |
| 3 | 2 | Q3H100L2D | Aluminium | 172 | 349 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 3 | 4 | Q3H100L4D | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 | 160 | 110 | 130 | - | M8 |
| 3 | 6 | Q3H132S6A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 200 | 130 | 165 | - | M10 |
| 4 | 2 | Q3H112M2C | Aluminium | 191 | 399 | 1xM25 | 140 | 190 | 112 | 254 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 4 | 4 | Q3H112M4D | Aluminium | 210 | 396 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 160 | 110 | 130 | - | M8 |
| 4 | 6 | Q3H132M6A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 200 | 130 | 165 | - | M10 |
| 5,5 | 2 | Q3H132S2C | Aluminium | 210 | 422 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 | 200 | 130 | 165 | - | M10 |
| 5,5 | 4 | Q3H132S4B | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 200 | 130 | 165 | - | M10 |
| 5,5 | 6 | Q3H132M6B | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 200 | 130 | 165 | - | M10 |
| 7,5 | 2 | Q3H132S2D | Aluminium | 210 | 448 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 | 200 | 130 | 165 | - | M10 |
| 7,5 | 4 | Q3H132M4D | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 200 | 130 | 165 | - | M10 |

(1) Toleranslar 28 mm'ye kadar DIN EN 50347 "j6", 28 mm ve üzeri "k6" / Tolerance DIN EN 50347 "j6" up to 28mm, "k6" above 28mm

(2) DIN 6885'e göre / According to DIN 6885

(3) Tolerans DIN EN 50347 "j6" / Tolerance DIN EN 50347 "j6"

BOYUTLAR - B14b, B34b / DIMENSION - B14b, B34b



| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayaklı Motorlar Foot Mounted Motors | | | | | Mil Shaft | | Rulman Bearing | | Keçe Seal | | Flanş (FB) (B14b) Flange (FB) (B14b) | | | | | | |
|----------------|------------------------------|-----------------------|-------------------------|------------------------------|-----|-------|-------------------------------------|-----|-----|-----|----|------------------|----|----------------|------------------|--------------------------|------------------------------------|--------------------------------------|------------------------------------|-----|------------------|-----|---|-----|
| | | | | AC | L | O | B | A | H | HD | K | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Tarafı Drive Side | Kasnak Tarafı Aksli Non drive Side | Kasnak Tarafı Drive Side | Kasnak Tarafı Aksli Non drive Side | P | N ⁽³⁾ | M | R | S |
| 0,75 | 2 | Q3H80M2C | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 160 | 110 | 130 | - | M8 |
| 0,75 | 4 | Q3H80M4D | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 160 | 110 | 130 | - | M8 |
| 0,75 | 6 | Q3H90L6C | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 1,1 | 2 | Q3H80M2D | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 160 | 110 | 130 | - | M8 |
| 1,1 | 4 | Q3H90L4C | Aluminium | 158 | 303 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 | 160 | 110 | 130 | - | M8 |
| 1,1 | 6 | Q3H90L6D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 1,5 | 2 | Q3H90L2C | Aluminium | 158 | 303 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 | 160 | 110 | 130 | - | M8 |
| 1,5 | 4 | Q3H90L4D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 1,5 | 6 | Q3H100L6D | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 | 200 | 130 | 130 | - | M10 |
| 2,2 | 2 | Q3H90L2D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 260 | 110 | 130 | - | M8 |
| 2,2 | 4 | Q3H100L4C | Aluminium | 172 | 384 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 200 | 130 | 165 | - | M10 |
| 2,2 | 6 | Q3H112M6D | Aluminium | 210 | 396 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 200 | 130 | 165 | - | M10 |
| 3 | 2 | Q3H100L2D | Aluminium | 172 | 349 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 200 | 130 | 165 | - | M10 |
| 3 | 4 | Q3H100L4D | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 | 200 | 130 | 165 | - | M10 |
| 3 | 6 | Q3H132S6A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 250 | 180 | 215 | - | M12 |
| 4 | 2 | Q3H112M2C | Aluminium | 191 | 399 | 1xM25 | 140 | 190 | 112 | 254 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 200 | 130 | 165 | - | M10 |
| 4 | 4 | Q3H112M4D | Aluminium | 210 | 396 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 200 | 130 | 165 | - | M10 |
| 4 | 6 | Q3H132M6A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 250 | 180 | 215 | - | M12 |
| 5,5 | 2 | Q3H132S2C | Aluminium | 210 | 422 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 | 250 | 180 | 215 | - | M12 |
| 5,5 | 4 | Q3H132S4B | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 250 | 180 | 215 | - | M12 |
| 5,5 | 6 | Q3H132M6B | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 250 | 180 | 215 | - | M12 |
| 7,5 | 2 | Q3H132S2D | Aluminium | 210 | 448 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 | 250 | 180 | 215 | - | M12 |
| 7,5 | 4 | Q3H132M4D | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 250 | 180 | 215 | - | M12 |

(1) Toleranslar 28 mm'ye kadar DIN EN 50347 "j6", 28 mm ve üzeri "k6" / Tolerance DIN EN 50347 "j6" up to 28mm, "k6" above 28mm

(2) DIN 6885'e göre / According to DIN 6885

(3) Tolerans DIN EN 50347 "j6" / Tolerance DIN EN 50347 "j6"

ELEKTRİKSEL ÖZELLİKLER - 50 Hz / ELECTRICAL CHARACTERISTICS AT 50 Hz

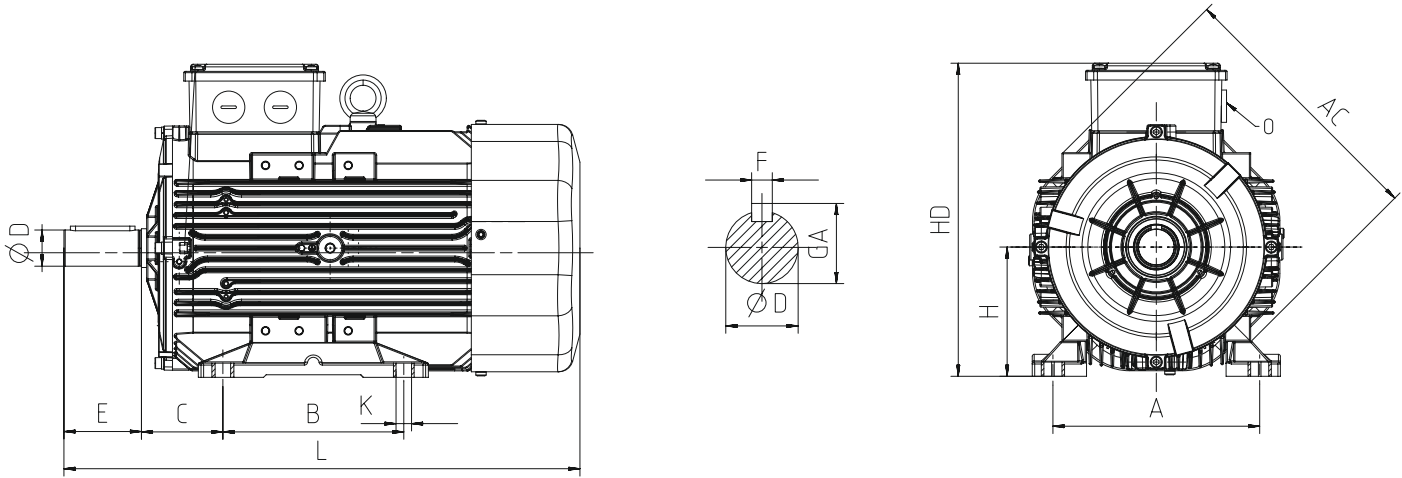
| MOTOR TİPİ MOTOR TYPE | GÖVDE TİPİ HOUSING TYPE | NOMINAL RATED VALUES | | | | | KALKIŞTAKİ DEĞERLER STARTING VALUES | | | | | Devrilme Momenti Oranı Breakdown Torque Ratio Mk/ Mn | VERİM* EFFICIENCY* | | | Cos φ | J | Ağırlık Weight (B3) | Ses Basınç Seviyesi Sound Pressure Level dB** |
|--------------------------------------|----------------------------------|-------------------------|------|----------------|-----------------|------------------|--|-------|------------------|-------|-----|---|-----------------------|------|------|---------|---------|---------------------------|--|
| | | GÜÇ POWER | | DEVİR SPEED | AKIM CURRENT | MOMENT TORQUE | AKIM CURRENT | | MOMENT TORQUE | | η% | | | | | | | | |
| | | kW | HP | | | | I_A / I_N | $I_Δ$ | M_A / M_N | $M_Δ$ | 4/4 | | 3/4 | 2/4 | | | | | |
| 2 kutup 3000 d/dak / 2 pole 3000 rpm | | | | | | | | | | | | | | | | | | | |
| 230/400V | Q3H80M2DE | Aluminium | 1,5 | 2,0 | 2905 | 3,2 | 4,9 | 10,9 | - | 5 | - | 5,4 | 84,2 | 83,3 | 80,5 | 0,80 | 0,00224 | 15 | 59 |
| | Q3H90L2E | Aluminium | 3,0 | 4,0 | 2890 | 5,8 | 9,9 | 8,1 | - | 3 | - | 3,5 | 87,1 | 88,1 | 87,7 | 0,86 | 0,00318 | 19 | 63 |
| 400/690V | Q3H100L2DE | Aluminium | 4,0 | 5,5 | 2936 | 8,0 | 13,0 | 3,6 | 10,9 | 1,6 | 4,8 | 5,7 | 88,1 | 88,1 | 85,8 | 0,82 | 0,00611 | 29 | 66 |
| | Q3H112M2D | Aluminium | 5,5 | 7,5 | 2920 | 10,5 | 18,1 | 3,5 | 10,5 | 1,2 | 3,7 | 5,1 | 89,2 | 89,0 | 87,2 | 0,86 | 0,00741 | 32 | 68 |
| | Q3H112M2DE | Aluminium | 7,5 | 10,0 | 2918 | 13,6 | 24,5 | 3,6 | 10,7 | 1,4 | 4,3 | 5,4 | 90,1 | 90,3 | 89,1 | 0,88 | 0,00921 | 42 | 69 |
| | Q3H132M2A | Aluminium | 11,0 | 15,0 | 2925 | 20,7 | 36,0 | 3,5 | 10,5 | 1,3 | 3,9 | 5,2 | 91,2 | 91,4 | 90,6 | 0,85 | 0,03489 | 61 | 69 |
| | Q3H132M2B | Aluminium | 15,0 | 20,0 | 2935 | 27,6 | 48,8 | 3,5 | 10,4 | 1,2 | 3,7 | 5,2 | 91,9 | 91,3 | 89,8 | 0,86 | 0,00402 | 77 | 71 |
| | Q3H160L2D | Aluminium | 22,0 | 30,0 | 2961 | 39,1 | 71,0 | 3,5 | 10,6 | 1,2 | 3,6 | 5,1 | 92,7 | 92,4 | 91,3 | 0,87 | 0,05539 | 114 | 70 |
| | Q3H180M2B | Aluminium | 30,0 | 40,0 | 2957 | 50,1 | 96,9 | 3,2 | 9,6 | 1,0 | 2,9 | 3,9 | 93,3 | 93,2 | 92,6 | 0,93 | 0,10277 | 148 | 77 |
| Q3H200L2DE | Aluminium | 45,0 | 60,0 | 2964 | 75,2 | 145,0 | 3,6 | 10,7 | 1,0 | 3,0 | 2,7 | 94,0 | 93,3 | 92,8 | 0,92 | 0,14769 | 199 | 78 | |
| 4 kutup 1500 d/dak / 4 pole 1500 rpm | | | | | | | | | | | | | | | | | | | |
| 230/400V | Q3H80M4DE | Aluminium | 1,1 | 1,5 | 1448 | 2,6 | 7,3 | 7,2 | - | 3,1 | - | 3,7 | 82,7 | 82,4 | 89,5 | 0,75 | 0,00306 | 14 | 48 |
| | Q3H90L4DE | Aluminium | 2,2 | 3,0 | 1453 | 5,4 | 14,4 | 9,5 | - | 5,0 | - | 5,5 | 86,7 | 84,3 | 80,6 | 0,68 | 0,00690 | 25 | 54 |
| 400/690V | Q3H100L4E | Aluminium | 4,0 | 5,5 | 1445 | 8,8 | 26,4 | 8,6 | - | 3,5 | - | 4,2 | 88,6 | 87,1 | 85,6 | 0,75 | 0,01124 | 35 | 56 |
| | Q3H112M4E | Aluminium | 5,5 | 7,5 | 1443 | 11,25 | 36,4 | 2,8 | 8,3 | 1,0 | 3,1 | 3,8 | 89,6 | 89,2 | 88,3 | 0,80 | 0,01526 | 40 | 57 |
| | Q3H132M4E | Aluminium | 11,0 | 15,0 | 1470 | 19,2 | 71,3 | 2,7 | 8,0 | 0,7 | 2,1 | 3,8 | 91,4 | 91,5 | 90,4 | 0,90 | 0,05940 | 82 | 63 |
| | Q3H160L4C | Aluminium | 18,5 | 25,0 | 1474 | 39,5 | 119,9 | 2,5 | 7,4 | 0,8 | 2,3 | 3,5 | 92,6 | 91,9 | 91,2 | 0,74 | 0,10511 | 114 | 58 |
| | Q3H180L4C | Aluminium | 30,0 | 40,0 | 1475 | 54,8 | 194,2 | 2,5 | 7,6 | 0,8 | 2,3 | 2,8 | 93,6 | 93,2 | 92,3 | 0,85 | 0,22165 | 187 | 69 |

* IEC 60034-2-1'e göre / According to IEC 60034-2-1

** Ses Basınç Seviyeleri motordan 1m uzaklıktan ölçülmüştür. / The sound pressure measurements are taken 1m away from the motor

*** Tolerans +3 dBA / Tolerance +3 dBA

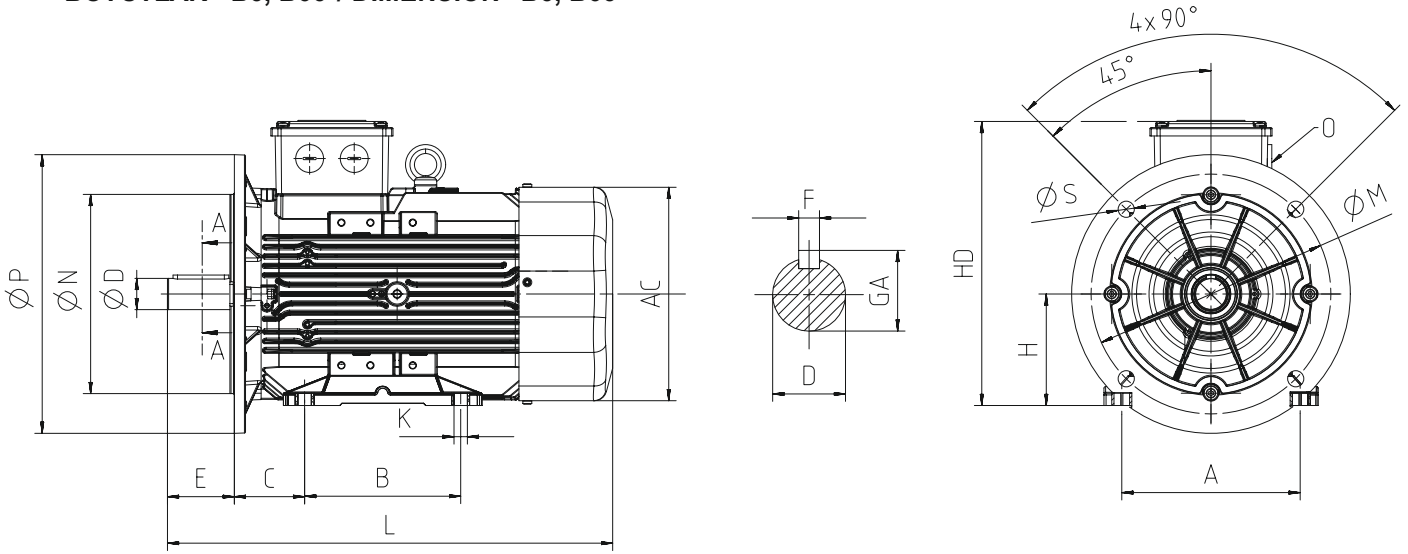
BOYUTLAR - B3 / DIMENSION - B3



| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayaklı Motorlar Foot Mounted Motors | | | | | Mil Shaft | | | | Rulman Bearing | | Keçe Seal | | |
|----------------------|---------------------------------------|--------------------------|----------------------------------|---------------------------------|-----|-------|--|-----|-----|-----|------|--------------|------------------|-----|------|-------------------|---------------------------------|--|---------------------------------|--|
| | | | | AC | L | O | B | A | H | HD | K | C | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksi Non drive Side | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksi Non drive Side |
| 1,1 | 4 | Q3H80M4DE | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 50 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 |
| 1,5 | 2 | Q3H80M2DE | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 50 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 |
| 2,2 | 4 | Q3H90L4DE | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 56 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 |
| 3,0 | 2 | Q3H90L2E | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 56 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 |
| 4,0 | 2 | Q3H100L2DE | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 63 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 |
| 4,0 | 4 | Q3H100L4E | Aluminium | 191 | 422 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 63 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 |
| 5,5 | 2 | Q3H112M2D | Aluminium | 210 | 396 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 70 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 |
| 5,5 | 4 | Q3H112M4E | Aluminium | 210 | 421 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 70 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 |
| 7,5 | 2 | Q3H112M2DE | Aluminium | 210 | 421 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 70 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 |
| 11,0 | 2 | Q3H132M2A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 |
| 11,0 | 4 | Q3H132M4E | Aluminium | 260 | 520 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6309-ZZ | 6209-ZZ | 40*62*10 | 40*62*10 |
| 15,0 | 2 | Q3H132M2B | Aluminium | 260 | 520 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 |
| 18,5 | 4 | Q3H160L4C | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 108 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 |
| 30,0 | 4 | Q3H180L4C | Aluminium | 349 | 696 | 1xM40 | 241-279 | 279 | 180 | 437 | 14,5 | 121 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6310-ZZ | 50*80*10 | 50*80*10 |
| 22,0 | 2 | Q3H160L2D | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 108 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 |
| 30,0 | 2 | Q3H180M2B | Aluminium | 349 | 696 | 1xM40 | 241-279 | 279 | 180 | 437 | 14,5 | 121 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6310-ZZ | 50*80*10 | 50*80*10 |
| 45,0 | 2 | Q3H200L2DE | Aluminium | 349 | 759 | 1xM50 | 267-305 | 318 | 200 | 455 | 18,5 | 133 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 |

(1) Toleranslar 28 mm'ye kadar DIN EN 50347 "j6", 28 mm ve üzeri "k6" / Tolerance DIN EN 50347 "j6" up to 28mm, "k6" above 28mm
(2) DIN 6885'e göre / According to DIN 6885

BOYUTLAR - B5, B35 / DIMENSION - B5, B35



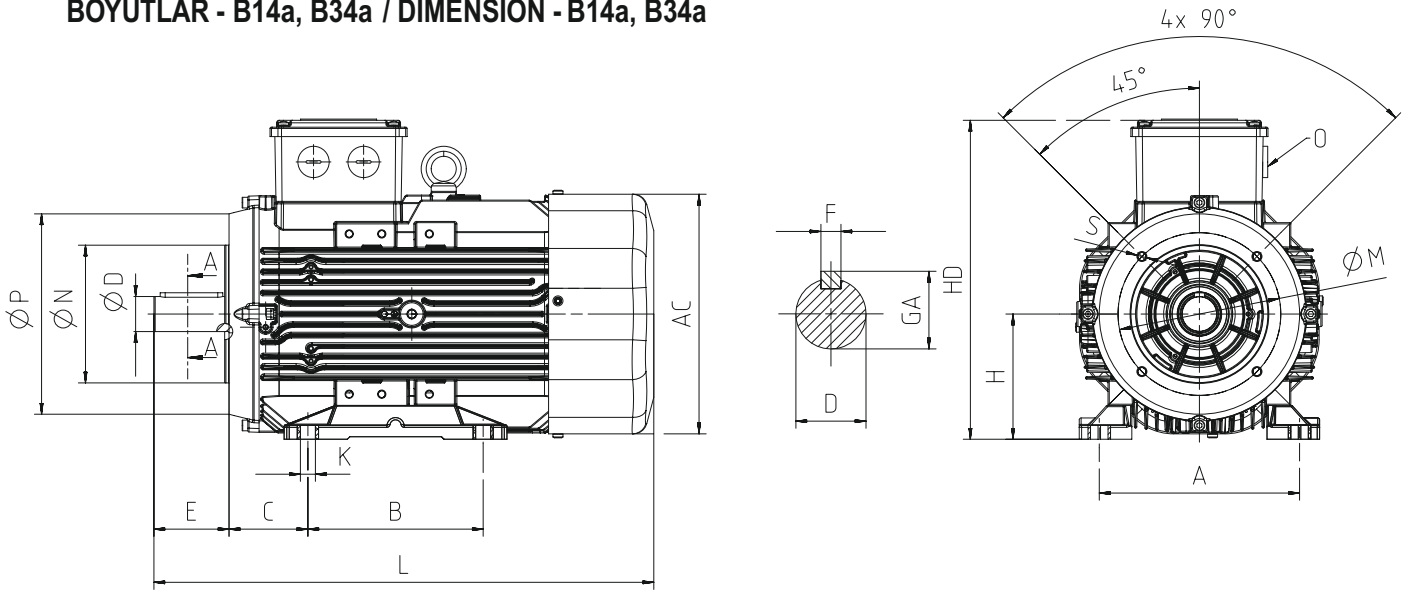
| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayaklı Motorlar Foot Mounted Motors | | | | | Mil Shaft | | | Rulman Bearing | | Keçe Seal | | Flanş (FA) (B5) Flange (FA) (B5) | | | | | |
|----------------|------------------------------|-----------------------|-------------------------|------------------------------|-----|-------|-------------------------------------|-----|-----|-----|------|------------------|-----|------|------------------|--------------------------|-----------------------------------|--------------------------|-----------------------------------|-----|------------------|-----|---|------|
| | | | | AC | L | O | B | A | H | HD | K | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Tarafı Drive Side | Kasnak Tarafı Aksı Non drive Side | Kasnak Tarafı Drive Side | Kasnak Tarafı Aksı Non drive Side | P | N ⁽³⁾ | M | R | S |
| 1,1 | 4 | Q3H80M4DE | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 200 | 130 | 165 | - | 12 |
| 1,5 | 2 | Q3H80M2DE | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 200 | 130 | 165 | - | 12 |
| 2,2 | 4 | Q3H90L4DE | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 200 | 130 | 165 | - | 12 |
| 3 | 2 | Q3H90L2E | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 200 | 130 | 165 | - | 12 |
| 4 | 2 | Q3H100L2DE | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 | 250 | 180 | 215 | - | 14,5 |
| 4 | 4 | Q3H100L4E | Aluminium | 191 | 422 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 | 250 | 180 | 215 | - | 14,5 |
| 5,5 | 2 | Q3H112M2D | Aluminium | 210 | 396 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 250 | 180 | 215 | - | 14,5 |
| 5,5 | 4 | Q3H112M4E | Aluminium | 210 | 421 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 250 | 180 | 215 | - | 14,5 |
| 7,5 | 2 | Q3H112M2DE | Aluminium | 210 | 421 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 250 | 180 | 215 | - | 14,5 |
| 11 | 2 | Q3H132M2A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 300 | 230 | 265 | - | 14,5 |
| 11 | 4 | Q3H132M4E | Aluminium | 260 | 520 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6309-ZZ | 6209-ZZ | 40*62*10 | 40*62*10 | 300 | 230 | 265 | - | 14,5 |
| 15 | 2 | Q3H132M2B | Aluminium | 260 | 520 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 300 | 230 | 265 | - | 14,5 |
| 18,5 | 4 | Q3H160L4C | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 | 350 | 250 | 300 | - | 18,5 |
| 30 | 4 | Q3H180L4C | Aluminium | 349 | 696 | 1xM40 | 241-279 | 279 | 180 | 437 | 14,5 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6310-ZZ | 50*80*10 | 50*80*10 | 350 | 250 | 300 | - | 18,5 |
| 22 | 2 | Q3H160L2D | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 | 350 | 250 | 300 | - | 18,5 |
| 30 | 2 | Q3H180M2B | Aluminium | 349 | 696 | 1xM40 | 241-279 | 279 | 180 | 437 | 14,5 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6310-ZZ | 50*80*10 | 50*80*10 | 350 | 250 | 300 | - | 18,5 |
| 45 | 2 | Q3H200L2DE | Aluminium | 349 | 759 | 1xM50 | 267-305 | 318 | 200 | 455 | 18,5 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 | 400 | 300 | 350 | - | 18,5 |

(1) Toleranslar 28 mm'ye kadar DIN EN 50347 "j6", 28 mm ve üzeri "k6" / Tolerance DIN EN 50347 "j6" up to 28mm, "k6" above 28mm

(2) DIN 6885'e göre / According to DIN 6885

(3) Tolerans DIN EN 50347 "j6" / Tolerance DIN EN 50347 "j6"

BOYUTLAR - B14a, B34a / DIMENSION - B14a, B34a



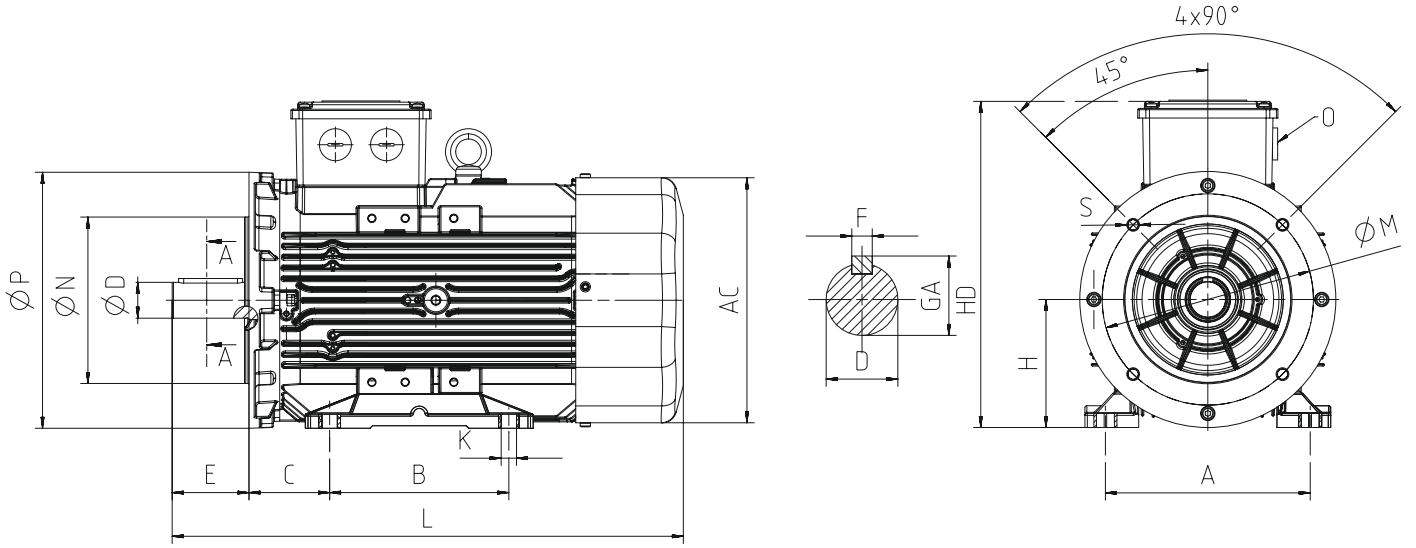
| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayaklı Motorlar Foot Mounted Motors | | | | | Mil Shaft | | | Rulman Bearing | | Keçe Seal | | Flanş (FC) (B14a) Flange (FC) (B14a) | | | | | |
|----------------|------------------------------|-----------------------|-------------------------|------------------------------|-----|-------|-------------------------------------|-----|-----|-----|----|------------------|----|------|------------------|--------------------------|------------------------------------|--------------------------|--------------------------------------|-----|------------------|-----|---|-----|
| | | | | AC | L | O | B | A | H | HD | K | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Tarafı Drive Side | Kasnak Tarafı Aksis Non drive Side | Kasnak Tarafı Drive Side | Kasnak Tarafı Aksis Non drive Side | P | N ⁽³⁾ | M | R | S |
| 1,1 | 4 | Q3H80M4DE | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 120 | 80 | 100 | - | M6 |
| 1,5 | 2 | Q3H80M2DE | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 120 | 80 | 100 | - | M6 |
| 2,2 | 4 | Q3H90L4DE | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 140 | 95 | 115 | - | M8 |
| 3 | 2 | Q3H90L2E | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 140 | 95 | 115 | - | M8 |
| 4 | 2 | Q3H100L2DE | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 | 160 | 110 | 130 | - | M8 |
| 4 | 4 | Q3H100L4E | Aluminium | 191 | 422 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 | 160 | 110 | 130 | - | M8 |
| 5,5 | 2 | Q3H112M2D | Aluminium | 210 | 396 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 160 | 110 | 130 | - | M8 |
| 5,5 | 4 | Q3H112M4E | Aluminium | 210 | 421 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 160 | 110 | 130 | - | M8 |
| 7,5 | 2 | Q3H112M2DE | Aluminium | 210 | 421 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 160 | 110 | 130 | - | M8 |
| 11 | 2 | Q3H132M2A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 200 | 130 | 165 | - | M10 |
| 11 | 4 | Q3H132M4E | Aluminium | 260 | 520 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 200 | 130 | 165 | - | M10 |
| 15 | 2 | Q3H132M2B | Aluminium | 260 | 520 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 200 | 130 | 165 | - | M10 |

(1) Toleranslar 28 mm'ye kadar DIN EN 50347 "j6", 28 mm ve üzeri "k6" / Tolerance DIN EN 50347 "j6" up to 28mm, "k6" above 28mm

(2) DIN 6885'e göre / According to DIN 6885

(3) Tolerans DIN EN 50347 "j6" / Tolerance DIN EN 50347 "j6"

BOYUTLAR - B14b, B34b / DIMENSION - B14b, B34b



| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayaklı Motorlar Foot Mounted Motors | | | | | Mil Shaft | | | | Rulman Bearing | | Keçe Seal | | Flanş (FB) (B14b) Flange (FB) (B14b) | | | | |
|----------------|------------------------------|-----------------------|-------------------------|------------------------------|-----|-------|-------------------------------------|-----|-----|-----|----|------------------|----|------|------------------|--------------------------|------------------------------------|--------------------------|------------------------------------|--------------------------------------|------------------|-----|---|-----|
| | | | | AC | L | O | B | A | H | HD | K | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Tarafı Drive Side | Kasnak Tarafı Aksli Non drive Side | Kasnak Tarafı Drive Side | Kasnak Tarafı Aksli Non drive Side | P | N ⁽³⁾ | M | R | S |
| 1,1 | 4 | Q3H80M4DE | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 160 | 110 | 130 | - | M8 |
| 1,5 | 2 | Q3H80M2DE | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 160 | 110 | 130 | - | M8 |
| 2,2 | 4 | Q3H90L4DE | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 3 | 2 | Q3H90L2E | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 4 | 2 | Q3H100L2DE | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 | 200 | 130 | 165 | - | M10 |
| 4 | 4 | Q3H100L4E | Aluminium | 191 | 422 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 | 200 | 130 | 165 | - | M10 |
| 5,5 | 2 | Q3H112M2D | Aluminium | 210 | 396 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 200 | 130 | 165 | - | M10 |
| 5,5 | 4 | Q3H112M4E | Aluminium | 210 | 421 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 200 | 130 | 165 | - | M10 |
| 7,5 | 2 | Q3H112M2DE | Aluminium | 210 | 421 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 200 | 130 | 165 | - | M10 |
| 11 | 2 | Q3H132M2A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 250 | 180 | 215 | - | M12 |
| 11 | 4 | Q3H132M4E | Aluminium | 260 | 520 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 250 | 180 | 215 | - | M12 |
| 15 | 2 | Q3H132M2B | Aluminium | 260 | 520 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 250 | 180 | 215 | - | M12 |

(1) Toleranslar 28 mm'ye kadar DIN EN 50347 "j6", 28 mm ve üzeri "k6" / Tolerance DIN EN 50347 "j6" up to 28mm, "k6" above 28mm

(2) DIN 6885'e göre / According to DIN 6885

(3) Tolerans DIN EN 50347 "j6" / Tolerance DIN EN 50347 "j6"

IE2

ELEKTRİKSEL ÖZELLİKLER - 50 Hz / ELECTRICAL CHARACTERISTICS AT 50 Hz

| MOTOR TİPİ MOTOR TYPE | GÖVDE TIPI HOUSING TYPE | NOMINAL RATED VALUES | | | | | | KALKIŞTAKİ DEĞERLER STARTING VALUES | | | | Devrilme Momenti Oranı Breakdown Torque Ratio Mk/ Mn | VERİM* EFFICIENCY* | | | Cos φ | J | Ağırlık Weight (B3) | Ses Basınç Seviyesi Sound Pressure Level dBA** |
|--------------------------------------|----------------------------------|-------------------------|-------|-----------------------|----------------------|------------------------|--------------------------------|--|---------------------------------|-----|-----|---|-----------------------|------|------|---------|---------|---------------------------|---|
| | | GÜÇ POWER | | DEVİR SPEED rpm | AKIM CURRENT A | MOMENT TORQUE Nm | AKIM CURRENT I_A / I_N | | MOMENT TORQUE M_A / M_N | | η% | | | | | | | | |
| | | kW | HP | | | | λ | Δ | λ | Δ | 4/4 | | 3/4 | 2/4 | | | | | |
| 2 kutup 3000 d/dak / 2 pole 3000 rpm | | | | | | | | | | | | | | | | | | | |
| 230/400V | Q2E63M2A | Aluminium | 0,18 | 1/4 | 2810 | 0,4 | 0,6 | 4,7 | - | 2,1 | - | 2,3 | 59,1 | 63,8 | 58,5 | 0,85 | 0,00022 | 5 | 52 |
| | Q2E63M2B | Aluminium | 0,25 | 1/3 | 2820 | 0,6 | 0,8 | 5,6 | - | 2,7 | - | 2,7 | 64,7 | 66,2 | 63,5 | 0,84 | 0,00025 | 6 | 52 |
| | Q2E71M2A | Aluminium | 0,37 | 1/2 | 2850 | 0,8 | 1,2 | 8,1 | - | 4,0 | - | 4,2 | 69,5 | 69,6 | 67,3 | 0,80 | 0,00067 | 8 | 54 |
| | Q2E71M2B | Aluminium | 0,55 | 3/4 | 2880 | 1,2 | 1,8 | 8,2 | - | 4,1 | - | 4,3 | 74,1 | 74,3 | 74,2 | 0,82 | 0,00086 | 10 | 54 |
| | Q2H80M2B | Aluminium | 0,75 | 1,0 | 2850 | 1,7 | 2,5 | 6,4 | - | 2,8 | - | 3,3 | 77,4 | 77,6 | 74,4 | 0,82 | 0,00111 | 9 | 58 |
| | Q2H80M2C | Aluminium | 1,1 | 1,5 | 2860 | 2,5 | 3,7 | 6,7 | - | 2,8 | - | 3,3 | 79,6 | 79,8 | 77,0 | 0,81 | 0,00140 | 11 | 58 |
| | Q2H90L2B | Aluminium | 1,5 | 2,0 | 2875 | 3,8 | 5,0 | 8,0 | - | 3,9 | - | 4,4 | 81,3 | 80,4 | 76,6 | 0,74 | 0,00176 | 13 | 62 |
| | Q2H90L2D | Aluminium | 2,2 | 3,0 | 2870 | 4,7 | 7,3 | 9,1 | - | 3,9 | - | 4,4 | 83,2 | 82,8 | 81,3 | 0,83 | 0,00231 | 16 | 62 |
| | Q2H100L2C | Aluminium | 3,0 | 4,0 | 2887 | 6,3 | 9,9 | 7,3 | - | 2,4 | - | 2,9 | 84,6 | 85,4 | 84,2 | 0,83 | 0,00266 | 19 | 66 |
| 400/690V | Q2H112M2B | Aluminium | 4,0 | 5,5 | 2900 | 8,0 | 13,2 | 3,1 | 9,3 | 1,1 | 3,2 | 4,0 | 85,8 | 86,1 | 84,5 | 0,85 | 0,00487 | 24 | 68 |
| | Q2H132S2B | Aluminium | 5,5 | 7,5 | 2915 | 10,6 | 18,0 | 3,5 | 10,6 | 1,5 | 4,4 | 5,3 | 87,0 | 87,1 | 84,9 | 0,86 | 0,00703 | 34 | 69 |
| | Q2H132S2C | Aluminium | 7,5 | 10,0 | 2900 | 14,6 | 24,7 | 3,5 | 10,6 | 1,3 | 3,8 | 4,6 | 88,1 | 88,6 | 87,6 | 0,85 | 0,00772 | 37 | 69 |
| | Q2H160M2B | Aluminium | 11,0 | 15,0 | 2923 | 21,2 | 35,9 | 3,1 | 9,2 | 1,1 | 3,3 | 4,8 | 89,4 | 89,9 | 88,4 | 0,83 | 0,03517 | 65 | 70 |
| | Q2H160M2C | Aluminium | 15,0 | 20,0 | 2915 | 30,0 | 49,2 | 3,2 | 9,6 | 1,3 | 3,9 | 5,1 | 90,3 | 90,6 | 89,6 | 0,80 | 0,04015 | 67 | 70 |
| | Q2H160M2D | Aluminium | 18,5 | 25,0 | 2930 | 30,8 | 60,3 | 2,7 | 8,0 | 0,6 | 1,9 | 3,6 | 90,9 | 91,7 | 91,1 | 0,95 | 0,04613 | 79 | 70 |
| | Q2H180M2A | Aluminium | 22,0 | 30,0 | 2955 | 40,9 | 71,2 | 3,5 | 10,6 | 1,2 | 3,6 | 5,2 | 91,3 | 92,0 | 90,7 | 0,84 | 0,05141 | 100 | 77 |
| | Q2H200L2B | Aluminium | 30,0 | 40,0 | 2955 | 51,5 | 97,1 | 2,8 | 8,5 | 0,8 | 2,4 | 3,6 | 92,0 | 92,5 | 91,8 | 0,91 | 0,08644 | 175 | 78 |
| | Q2H200L2C | Aluminium | 37,0 | 50,0 | 2965 | 66,2 | 119,6 | 3,4 | 10,1 | 1,0 | 3,1 | 4,5 | 92,5 | 92,5 | 91,2 | 0,87 | 0,10277 | 175 | 78 |
| | Q2E225M2B | Aluminium | 45,0 | 60,0 | 2960 | 82,1 | 145,2 | 2,9 | 8,7 | 0,8 | 2,4 | 2,9 | 92,9 | 92,6 | 91,1 | 0,85 | 0,23500 | 235 | 81 |
| | Q2E250M2A | Cast Iron | 55,0 | 75,0 | 2976 | 92,7 | 177,0 | 2,8 | 8,4 | 0,8 | 2,5 | 3,4 | 93,2 | 93,0 | 91,6 | 0,91 | 0,48700 | 486 | 82 |
| | Q2EP280M2B | Cast Iron | 75,0 | 100,0 | 2975 | 127,9 | 240,8 | 3,5 | 10,6 | 0,9 | 2,7 | 5,1 | 93,8 | 93,7 | 92,5 | 0,92 | 0,54000 | 576 | 84 |
| | Q2EP280M2C | Cast Iron | 90,0 | 125,0 | 2980 | 149,0 | 288,6 | 2,4 | 7,1 | 1,0 | 3,0 | 3,0 | 94,1 | 93,9 | 92,9 | 0,91 | 0,64500 | 585 | 84 |
| | Q2EP315S2C | Cast Iron | 110,0 | 127 | 2,975 | 185 | 353 | 2,6 | 7,8 | 0,7 | 2,2 | 2,4 | 94,3 | 94,3 | 93,1 | 0,91 | 1,43600 | 920 | 87 |
| | Q2EP315M2C | Cast Iron | 132,0 | 152 | 2,975 | 221 | 423 | 2,6 | 7,8 | 0,8 | 2,3 | 2,4 | 94,6 | 94,6 | 93,4 | 0,91 | 1,72300 | 970 | 87 |
| | Q2EP315L2C | Cast Iron | 160,0 | 184 | 2,975 | 268 | 513 | 2,5 | 7,5 | 0,8 | 2,3 | 2,4 | 94,8 | 94,8 | 93,6 | 0,91 | 1,95300 | 1170 | 87 |
| | Q2EP315L2D | Cast Iron | 200,0 | 230 | 2,975 | 334 | 643 | 2,7 | 8 | 0,8 | 2,4 | 2,6 | 95 | 95 | 93,8 | 0,91 | 2,52700 | 1200 | 87 |
| | Q2EP355M2C | Cast Iron | 250,0 | 280 | 2,985 | 422 | 799 | 2,3 | 7 | 0,7 | 2 | 2,4 | 95 | 95 | 93,8 | 0,90 | 3,92000 | 1690 | 87 |
| Q2EP355L2C | Cast Iron | 315,0 | 353,0 | 2,985 | 532 | 1.007 | 2,5 | 7,4 | 0,7 | 2,0 | 2,3 | 95,0 | 95,0 | 93,8 | 0,90 | 4,17000 | 1.870 | 87 | |
| Q2EP355L2D | Cast Iron | 355,0 | 398,0 | 2985 | 599 | 1.135 | 2,5 | 7,5 | 0,6 | 1,8 | 2,1 | 95,0 | 95,0 | 93,8 | 0,90 | 4,44000 | 1953 | 87 | |

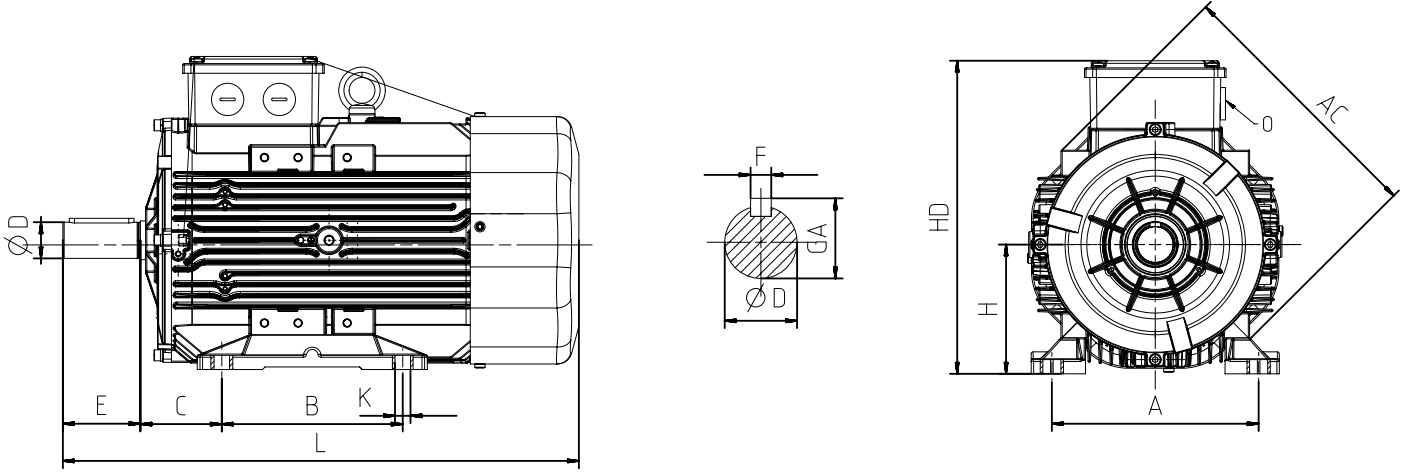
* IEC 60034-2-1'e göre / According to IEC 60034-2-1

** Ses Basınç Seviyeleri motordan 1m uzaklıktan ölçülmüştür. / The sound pressure measurements are taken 1m away from the motor

*** Tolerans +3 dBA / Tolerance +3 dBA

| MOTOR TİPİ MOTOR TYPE | GÖVDE TIPI HOUSING TYPE | NOMİNAL RATED VALUES | | | | | KALKIŞTAKİ DEĞERLER STARTING VALUES | | | | Devrilme Momenti Oranı Breakdown Torque Ratio Mk/ Mn | VERİM* EFFICIENCY* | | | Cos φ | J kgm ² | Ağırlık Weight (B3) kg | Ses Basınç Seviyesi Sound Pressure Level dBA * | |
|--------------------------------------|----------------------------------|-------------------------|-------|-----------------------|----------------------|------------------------|--|-----|---|-----|---|-----------------------|------|------|---------|-----------------------|---------------------------------|--|----|
| | | GÜÇ POWER | | DEVİR SPEED rpm | AKIM CURRENT A | MOMENT TORQUE Nm | AKIM CURRENT I _A / I _N | | MOMENT TORQUE M _A / M _N | | | η% | | | | | | | |
| | | kW | HP | | | | λ | Δ | λ | Δ | | 4/4 | 3/4 | 2/4 | | | | | |
| 4 kutup 1500 d/dak / 4 pole 1500 rpm | | | | | | | | | | | | | | | | | | | |
| 230/400V | Q2E63M4A | Aluminium | 0,12 | 1/6 | 1420 | 0,5 | 0,9 | 3,4 | - | 2,2 | - | 3,2 | 64,0 | 54,1 | 44,9 | 0,56 | 0,00022 | 5 | 41 |
| | Q2E63M4B | Aluminium | 0,18 | 1/4 | 1400 | 0,6 | 1,2 | 3,7 | - | 2,7 | - | 3,0 | 68,0 | 60,0 | 51,3 | 0,66 | 0,00026 | 6 | 41 |
| | Q2E71M4A | Aluminium | 0,25 | 1/3 | 1415 | 0,6 | 1,7 | 4,6 | - | 2,6 | - | 3,8 | 68,5 | 68,8 | 66,9 | 0,70 | 0,00095 | 9 | 45 |
| | Q2E71M4B | Aluminium | 0,37 | 1/2 | 1425 | 1,1 | 2,5 | 4,6 | - | 2,6 | - | 3,8 | 72,7 | 73,1 | 72,0 | 0,71 | 0,00095 | 9 | 45 |
| | Q2H80M4B | Aluminium | 0,55 | 3/4 | 1435 | 1,3 | 3,6 | 6,4 | - | 2,3 | - | 3,2 | 77,1 | 78,8 | 75,4 | 0,76 | 0,00175 | 10 | 49 |
| | Q2H80M4C | Aluminium | 0,75 | 1,0 | 1440 | 1,8 | 5,0 | 5,5 | - | 2,1 | - | 2,6 | 79,6 | 80,0 | 77,7 | 0,76 | 0,00216 | 11 | 49 |
| | Q2H90L4C | Aluminium | 1,10 | 1,5 | 1430 | 2,5 | 7,4 | 5,7 | - | 2,2 | - | 2,6 | 81,4 | 82,4 | 81,6 | 0,80 | 0,00267 | 13 | 54 |
| | Q2H90L4C | Aluminium | 1,50 | 2,0 | 1427 | 3,3 | 10,0 | 6,4 | - | 2,5 | - | 3,1 | 82,8 | 84,2 | 83,7 | 0,79 | 0,00328 | 15 | 54 |
| | Q2H100L4B | Aluminium | 2,20 | 3,0 | 1437 | 5,3 | 14,6 | 7,6 | - | 3,6 | - | 4,2 | 84,3 | 84,1 | 81,5 | 0,72 | 0,00521 | 21 | 55 |
| Q2H100L4C | Aluminium | 3,00 | 4,0 | 1440 | 7,4 | 20,0 | 6,5 | - | 3,3 | - | 3,7 | 85,5 | 85,3 | 83,0 | 0,70 | 0,00694 | 25 | 55 | |
| 400/690V | Q2H112M4C | Aluminium | 4,00 | 5,5 | 1440 | 8,7 | 26,6 | 2,7 | 8,0 | 1,1 | 3,2 | 3,8 | 86,6 | 85,7 | 83,5 | 0,78 | 0,01085 | 31 | 58 |
| | Q2H132S4A | Aluminium | 5,50 | 7,5 | 1445 | 11,5 | 35,5 | 2,7 | 8,0 | 1,0 | 3,0 | 3,8 | 87,7 | 88,3 | 87,3 | 0,79 | 0,01414 | 38 | 59 |
| | Q2H132M4C | Aluminium | 7,50 | 10,0 | 1460 | 15,0 | 49,1 | 2,4 | 7,1 | 0,5 | 1,5 | 0,6 | 88,7 | 89,4 | 88,7 | 0,82 | 0,03560 | 54 | 62 |
| | Q2H160M4C | Aluminium | 11,00 | 15,0 | 1468 | 21,6 | 71,5 | 2,6 | 7,9 | 0,7 | 2,1 | 3,6 | 89,8 | 91,1 | 90,3 | 0,81 | 0,05468 | 79 | 63 |
| | Q2H160L4B | Aluminium | 15,00 | 20,0 | 1462 | 29,8 | 98,0 | 2,6 | 7,8 | 0,6 | 1,8 | 3,4 | 90,6 | 91,4 | 90,9 | 0,80 | 0,05940 | 83 | 63 |
| | Q2H180M4A | Aluminium | 18,50 | 25,0 | 1470 | 36,0 | 120,2 | 2,3 | 6,8 | 0,7 | 2,2 | 2,9 | 91,2 | 92,0 | 91,6 | 0,81 | 0,10513 | 110 | 67 |
| | Q2H180M4B | Aluminium | 22,00 | 30,0 | 1462 | 41,8 | 143,8 | 1,8 | 5,5 | 0,6 | 1,9 | 2,8 | 91,6 | 92,9 | 93,3 | 0,84 | 0,11398 | 118 | 67 |
| | Q2H200L4C | Aluminium | 30,00 | 40,0 | 1475 | 55,3 | 194,6 | 2,7 | 8,2 | 0,9 | 2,7 | 3,5 | 92,0 | 91,9 | 91,4 | 0,85 | 0,18660 | 195 | 70 |
| | Q2E225M4A | Aluminium | 37,00 | 50,0 | 1480 | 68,3 | 238,8 | 3,0 | 9,1 | 1,2 | 3,6 | 4,0 | 92,7 | 92,6 | 91,3 | 0,84 | 0,36420 | 263 | 71 |
| | Q2E225M4B | Aluminium | 45,00 | 60,0 | 1480 | 81,5 | 290,5 | 3,1 | 9,4 | 1,2 | 3,7 | 3,0 | 93,1 | 93,0 | 91,9 | 0,85 | 0,43500 | 280 | 71 |
| | Q2E250M4A | Cast Iron | 55,00 | 75,0 | 1486 | 104,8 | 353,5 | 2,4 | 7,2 | 0,8 | 2,3 | 3,0 | 93,5 | 93,7 | 93,3 | 0,81 | 0,36400 | 506 | 72 |
| | Q2EP280M4B | Cast Iron | 75,00 | 100,0 | 1485 | 134,2 | 485,7 | 2,6 | 7,8 | 1,0 | 2,9 | 3,4 | 94,0 | 93,9 | 93,2 | 0,86 | 1,06100 | 624 | 73 |
| | Q2EP280M4C | Cast Iron | 90,00 | 125,0 | 1486 | 163,5 | 584,2 | 2,6 | 7,8 | 1,0 | 2,9 | 3,3 | 94,2 | 94,6 | 94,2 | 0,85 | 1,14800 | 638 | 73 |
| | Q2EP315S4C | Cast Iron | 110,0 | 127,0 | 1480 | 191 | 709 | 2,4 | 7,2 | 0,7 | 2,2 | 2,5 | 94,5 | 94,5 | 93,9 | 0,88 | 3,03500 | 925 | 70 |
| | Q2EP315M4C | Cast Iron | 132,0 | 152,0 | 1480 | 229 | 851 | 2,3 | 7,0 | 0,7 | 2,1 | 2,4 | 94,7 | 94,7 | 94,1 | 0,88 | 3,41500 | 1.010 | 70 |
| Q2EP315L4C | Cast Iron | 160,0 | 184,0 | 1480 | 273 | 1.032 | 2,5 | 7,5 | 0,7 | 2,2 | 2,5 | 94,9 | 94,9 | 94,3 | 0,89 | 4,11900 | 1.080 | 76 | |
| Q2EP315L4D | Cast Iron | 200,0 | 230,0 | 1480 | 341 | 1.290 | 2,5 | 7,5 | 0,8 | 2,3 | 2,5 | 95,1 | 95,1 | 94,5 | 0,89 | 5,20300 | 1.200 | 76 | |
| Q2EP355M4C | Cast Iron | 250,0 | 280,0 | 1485 | 426 | 1.607 | 2,6 | 7,9 | 0,8 | 2,3 | 2,5 | 95,1 | 95,1 | 94,5 | 0,89 | 8,79000 | 1.720 | 76 | |
| Q2EP355L4C | Cast Iron | 315,0 | 353,0 | 1485 | 531 | 2.025 | 2,5 | 7,4 | 0,7 | 2,0 | 2,3 | 95,1 | 95,1 | 94,5 | 0,90 | 10,13300 | 1.920 | 87 | |
| Q2EP355L4D | Cast Iron | 355,0 | 398,0 | 1485 | 603 | 2.283 | 2,9 | 8,8 | 0,6 | 1,8 | 2,0 | 95,1 | 95,1 | 94,5 | 0,89 | 10,67800 | 1.953 | 87 | |
| 6 kutup 1000 d/dak / 6 pole 1000 rpm | | | | | | | | | | | | | | | | | | | |
| 230/400V | Q2H90S6B | Aluminium | 0,75 | 1,0 | 943 | 1,8 | 7,7 | 4,6 | - | 2,1 | - | 2,7 | 75,9 | 75,1 | 71,4 | 0,69 | 0,00383 | 16 | 53 |
| | Q2H90L6C | Aluminium | 1,10 | 1,5 | 938 | 3,0 | 11,2 | 2,8 | - | 2,4 | - | 2,8 | 78,1 | 78,0 | 75,1 | 0,69 | 0,00464 | 18 | 53 |
| | Q2H100L6C | Aluminium | 1,50 | 2,0 | 955 | 4,0 | 15,2 | 3,3 | - | 2,6 | - | 3,2 | 79,8 | 79,3 | 76,3 | 0,67 | 0,00871 | 26 | 56 |
| | Q2H112M6C | Aluminium | 2,20 | 3,0 | 942 | 5,4 | 22,4 | 5,2 | - | 2,0 | - | 2,6 | 81,8 | 81,5 | 79,5 | 0,72 | 0,00936 | 31 | 58 |
| 400/690V | Q2H132S6A | Aluminium | 3,00 | 4,0 | 965 | 14,1 | 29,8 | 1,8 | 5,4 | 1,1 | 3,2 | 3,3 | 83,3 | 82,3 | 79,4 | 0,64 | 0,02950 | 47 | 62 |
| | Q2H132M6A | Aluminium | 4,00 | 5,5 | 970 | 10,4 | 39,8 | 1,9 | 5,8 | 0,7 | 2,2 | 2,6 | 84,6 | 83,5 | 80,7 | 0,65 | 0,03560 | 53 | 61 |
| | Q2H132M6B | Aluminium | 5,50 | 7,5 | 960 | 12,8 | 54,7 | 1,7 | 5,2 | 0,9 | 2,6 | 2,9 | 86,1 | 85,7 | 83,9 | 0,72 | 0,06420 | 67 | 60 |
| | Q2H160M6B | Aluminium | 7,50 | 10,0 | 970 | 18,9 | 74,6 | 2,1 | 6,2 | 1,2 | 3,6 | 3,8 | 87,2 | 84,3 | 81,7 | 0,66 | 0,07540 | 88 | 63 |
| | Q2H160L6B | Aluminium | 11,00 | 15,0 | 970 | 25,5 | 109,4 | 1,7 | 5,2 | 1,0 | 3,0 | 3,1 | 88,7 | 88,5 | 86,3 | 0,71 | 0,07040 | 99 | 63 |
| | Q2H180L6A | Aluminium | 15,00 | 20,0 | 970 | 31,5 | 146,9 | 1,8 | 5,1 | 0,6 | 1,8 | 2,0 | 89,7 | 89,5 | 87,30,0 | 0,76 | 0,16677 | 115 | 69 |
| | Q2H200L6B | Aluminium | 18,50 | 25,0 | 981 | 41,6 | 179,8 | 2,0 | 5,9 | 0,7 | 2,1 | 2,6 | 90,4 | 90,5 | 89,6 | 0,70 | 0,18660 | 160 | 70 |
| | Q2H200L6C | Aluminium | 22,00 | 30,0 | 982 | 48,8 | 214,5 | 1,8 | 5,6 | 0,8 | 2,3 | 2,4 | 90,9 | 91,0 | 90,3 | 0,72 | 0,20643 | 171 | 70 |
| Q2E225M6B | Aluminium | 30,00 | 40,0 | 975 | 57,0 | 287,6 | 1,9 | 5,7 | 0,6 | 1,7 | 2,5 | 91,7 | 91,6 | 90,7 | 0,83 | 0,49334 | 234 | 66 | |

BOYUTLAR - B3 / DIMENSION - B3



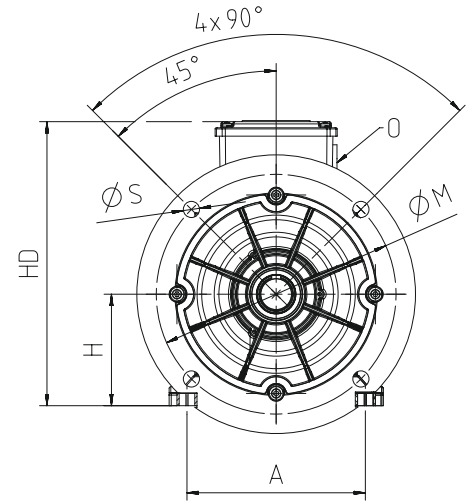
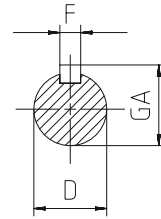
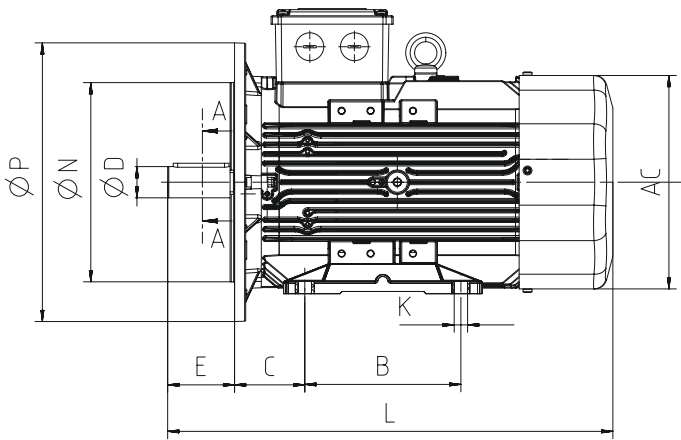
| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayaklı Motorlar Foot Mounted Motors | | | | | Mil Shaft | | | | Rulman Bearing | | Keçe Seal | | |
|----------------------|---------------------------------------|--------------------------|----------------------------------|---------------------------------|-----|-------|--|-----|-----|-----|----|--------------|------------------|----|------|-------------------|---------------------------------|---|---------------------------------|---|
| | | | | AC | L | O | B | A | H | HD | K | C | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksı Non Drive Side | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksı Non Drive Side |
| 0,12 | 4 | Q2E63M4A | Aluminium | 123 | 220 | 1xM20 | 80 | 100 | 63 | 162 | 7 | 40 | 11 | 23 | 12,5 | 4 | 6201-ZZ | 6201-ZZ | 12*22*7 | 12*22*7 |
| 0,18 | 2 | Q2E63M2A | Aluminium | 123 | 220 | 1xM20 | 80 | 100 | 63 | 162 | 7 | 40 | 11 | 23 | 12,5 | 4 | 6201-ZZ | 6201-ZZ | 12*22*7 | 12*22*7 |
| 0,18 | 4 | Q2E63M4B | Aluminium | 123 | 220 | 1xM20 | 80 | 100 | 63 | 162 | 7 | 40 | 11 | 23 | 12,5 | 4 | 6201-ZZ | 6201-ZZ | 12*22*7 | 12*22*7 |
| 0,25 | 2 | Q2E63M2B | Aluminium | 123 | 220 | 1xM20 | 80 | 100 | 63 | 162 | 7 | 40 | 11 | 23 | 12,5 | 4 | 6201-ZZ | 6201-ZZ | 12*22*7 | 12*22*7 |
| 0,25 | 4 | Q2E71M4A | Aluminium | 138 | 253 | 1xM20 | 90 | 112 | 71 | 190 | 7 | 45 | 14 | 30 | 16,0 | 5 | 6202-ZZ | 6202-ZZ | 15*24*5 | 15*24*5 |
| 0,37 | 2 | Q2E71M2A | Aluminium | 138 | 253 | 1xM20 | 90 | 112 | 71 | 190 | 7 | 45 | 14 | 30 | 16,0 | 5 | 6202-ZZ | 6202-ZZ | 15*24*5 | 15*24*5 |
| 0,37 | 4 | Q2E71M4B | Aluminium | 138 | 253 | 1xM20 | 90 | 112 | 71 | 190 | 7 | 45 | 14 | 30 | 16,0 | 5 | 6202-ZZ | 6202-ZZ | 15*24*5 | 15*24*5 |
| 0,55 | 2 | Q2E71M2B | Aluminium | 138 | 253 | 1xM20 | 90 | 112 | 71 | 190 | 7 | 45 | 14 | 30 | 16,0 | 5 | 6202-ZZ | 6202-ZZ | 15*24*5 | 15*24*5 |
| 0,55 | 4 | Q2H80M4B | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 50 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 |
| 0,75 | 2 | Q2H80M2B | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 50 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 |
| 0,75 | 4 | Q2H80M4C | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 50 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 |
| 0,75 | 6 | Q2H90S6B | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 56 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 |
| 1,1 | 2 | Q2H80M2C | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 50 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 |
| 1,1 | 4 | Q2H90L4C | Aluminium | 158 | 278 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 56 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 |
| 1,1 | 6 | Q2H90L6C | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 56 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 |
| 1,5 | 2 | Q2H90L2B | Aluminium | 158 | 278 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 56 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 |
| 1,5 | 4 | Q2H90L4C | Aluminium | 158 | 303 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 56 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 |
| 1,5 | 6 | Q2H100L6C | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 63 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 |
| 2,2 | 2 | Q2H90L2D | Aluminium | 158 | 303 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 56 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 |
| 2,2 | 4 | Q2H100L4B | Aluminium | 172 | 349 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 63 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 |
| 2,2 | 6 | Q2H112M6C | Aluminium | 210 | 396 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 70 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 |
| 3 | 2 | Q2H100L2C | Aluminium | 172 | 349 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 63 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 |
| 3 | 4 | Q2H100L4C | Aluminium | 172 | 384 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 63 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 |
| 3 | 6 | Q2H132S6A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 |
| 4 | 2 | Q2H112M2B | Aluminium | 191 | 399 | 1xM25 | 140 | 190 | 112 | 254 | 12 | 70 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 |
| 4 | 4 | Q2H112M4C | Aluminium | 191 | 399 | 1xM25 | 140 | 190 | 112 | 254 | 12 | 70 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 |
| 4 | 6 | Q2H132M6A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 |
| 5,5 | 2 | Q2H132S2B | Aluminium | 210 | 422 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 |
| 5,5 | 4 | Q2H132S4A | Aluminium | 210 | 422 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 |
| 5,5 | 6 | Q2H132M6B | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 |

(1) Toleranslar 28 mm'ye kadar DIN EN 50347 "j6", 28 mm ve üzeri "k6" / Tolerance DIN EN 50347 "j6" up to 28mm, "k6" above 28mm
(2) DIN 6885'e göre / According to DIN 6885

| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayaklı Motorlar Foot Mounted Motors | | | | | | Mil Shaft | | | | Rulman Bearing | | Keçe Seal | |
|----------------|------------------------------|-----------------------|-------------------------|------------------------------|------|-------|-------------------------------------|-----|-----|-----|------|-----|------------------|-----|------|------------------|--------------------------|-----------------------------------|--------------------------|-----------------------------------|
| | | | | AC | L | O | B | A | H | HD | K | C | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Tarafı Drive Side | Kasnak Tarafı Aksı Non drive Side | Kasnak Tarafı Drive Side | Kasnak Tarafı Aksı Non drive Side |
| 7,5 | 2 | Q2H132S2C | Aluminium | 210 | 422 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 |
| 7,5 | 4 | Q2H132M4C | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 |
| 7,5 | 6 | Q2H160M6B | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 108 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 |
| 11 | 2 | Q2H160M2B | Aluminium | 260 | 520 | 1xM32 | 210-254 | 254 | 160 | 351 | 14,5 | 108 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6208-ZZ | 45*72*10 | 40*62*10 |
| 11 | 4 | Q2H160M4C | Aluminium | 260 | 520 | 1xM32 | 210-254 | 254 | 160 | 351 | 14,5 | 108 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6208-ZZ | 45*72*10 | 40*62*10 |
| 11 | 6 | Q2H160L6B | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 108 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 |
| 15 | 2 | Q2H160M2C | Aluminium | 260 | 520 | 1xM32 | 210-254 | 254 | 160 | 351 | 14,5 | 108 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6208-ZZ | 45*72*10 | 40*62*10 |
| 15 | 4 | Q2H160L4B | Aluminium | 260 | 520 | 1xM32 | 210-254 | 254 | 160 | 351 | 14,5 | 108 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6208-ZZ | 45*72*10 | 40*62*10 |
| 15 | 6 | Q2H180L6A | Aluminium | 349 | 696 | 1xM40 | 241-279 | 279 | 180 | 437 | 14,5 | 121 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6310-ZZ | 50*80*10 | 50*80*10 |
| 18,5 | 2 | Q2H160M2D | Aluminium | 260 | 520 | 1xM32 | 210-254 | 254 | 160 | 351 | 14,5 | 108 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6208-ZZ | 45*72*10 | 40*62*10 |
| 18,5 | 4 | Q2H180M4A | Aluminium | 305 | 596 | 1xM32 | 241-279 | 279 | 180 | 398 | 14,5 | 121 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6209-ZZ | 50*80*10 | 45*72*10 |
| 18,5 | 6 | Q2H200L6B | Aluminium | 349 | 706 | 1xM50 | 305 | 318 | 200 | 455 | 18,5 | 133 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 |
| 22 | 2 | Q2H180M2A | Aluminium | 305 | 596 | 1xM32 | 241-279 | 279 | 180 | 398 | 14,5 | 121 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6209-ZZ | 50*80*10 | 45*72*10 |
| 22 | 4 | Q2H180M4B | Aluminium | 305 | 596 | 1xM32 | 241-279 | 279 | 180 | 398 | 14,5 | 121 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6209-ZZ | 50*80*10 | 45*72*10 |
| 22 | 6 | Q2H200L6C | Aluminium | 349 | 706 | 1xM50 | 267-305 | 318 | 200 | 455 | 18,5 | 133 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 |
| 30 | 2 | Q2H200L2B | Aluminium | 349 | 706 | 1xM50 | 267-305 | 318 | 200 | 455 | 18,5 | 133 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 |
| 30 | 4 | Q2H200L4C | Aluminium | 349 | 706 | 1xM50 | 267-305 | 318 | 200 | 455 | 18,5 | 133 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 |
| 30 | 6 | Q2E225M6B | Aluminium | 456 | 765 | 1xM50 | 286-311 | 356 | 225 | 485 | 18,5 | 149 | 60 | 140 | 64,0 | 18 | 6313-ZZ | 6313-ZZ | 65*100*13 | 65*100*13 |
| 37 | 2 | Q2H200L2C | Aluminium | 349 | 706 | 1xM50 | 305 | 318 | 200 | 455 | 18,5 | 133 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 |
| 37 | 4 | Q2E225M4A | Aluminium | 456 | 765 | 1xM50 | 286-311 | 356 | 225 | 485 | 18,5 | 149 | 60 | 140 | 64,0 | 18 | 6313-ZZ | 6313-ZZ | 65*100*13 | 65*100*13 |
| 45 | 2 | Q2E225M2B | Aluminium | 456 | 735 | 1xM50 | 286-311 | 356 | 225 | 485 | 18,5 | 149 | 55 | 110 | 59,0 | 16 | 6313-ZZ | 6313-ZZ | 65*100*13 | 65*100*13 |
| 45 | 4 | Q2E225M4B | Aluminium | 456 | 765 | 1xM50 | 286-311 | 356 | 225 | 485 | 18,5 | 149 | 60 | 140 | 64,0 | 18 | 6313-ZZ | 6313-ZZ | 65*100*13 | 65*100*13 |
| 55 | 2 | Q2E250M2A | Aluminium | 527 | 886 | 2*M50 | 349 | 406 | 250 | 615 | 24 | 149 | 60 | 140 | 64,0 | 18 | 6315-ZZ | 6313-ZZ | 75*112*12 | 65*100*13 |
| 55 | 2 | Q2E250M2A | Cast Iron | 489 | 893 | 1xM50 | 349 | 406 | 250 | 616 | 24 | 149 | 60 | 140 | 69,0 | 18 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 |
| 55 | 4 | Q2E250M4A | Cast Iron | 489 | 893 | 1xM50 | 349 | 406 | 250 | 616 | 24 | 149 | 65 | 140 | 69,0 | 18 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 |
| 75 | 2 | Q2EP280M2B | Cast Iron | 489 | 1025 | 1xM50 | 419 | 457 | 280 | 647 | 24 | 190 | 65 | 140 | 69,0 | 18 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 |
| 75 | 4 | Q2EP280M4B | Cast Iron | 489 | 1025 | 1xM50 | 419 | 457 | 280 | 647 | 24 | 190 | 75 | 140 | 79,5 | 20 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 |
| 90 | 2 | Q2EP280M2C | Cast Iron | 489 | 1025 | 1xM50 | 419 | 457 | 280 | 647 | 24 | 190 | 65 | 140 | 69,0 | 18 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 |
| 90 | 4 | Q2EP280M4C | Cast Iron | 489 | 1025 | 1xM50 | 419 | 457 | 280 | 647 | 24 | 190 | 75 | 140 | 79,5 | 20 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 |
| 110 | 2 | Q2EP315S2C | Cast Iron | 630 | 1180 | 2*M63 | 406 | 508 | 315 | 845 | 28 | 216 | 65 | 140 | 69 | 18 | 6317 | 6317 | 85*105*5.5 | 85*105*5.5 |
| 110 | 4 | Q2EP315S4C | Cast Iron | 630 | 1210 | 2*M63 | 406 | 508 | 315 | 845 | 28 | 216 | 80 | 170 | 85 | 22 | 6319 | 6319 | 95*115*5.5 | 95*115*5.5 |
| 132 | 2 | Q2EP315M2C | Cast Iron | 630 | 1290 | 2*M63 | 457 | 508 | 315 | 845 | 28 | 216 | 65 | 140 | 69 | 18 | 6317 | 6317 | 85*105*5.5 | 85*105*5.5 |
| 132 | 4 | Q2EP315M4C | Cast Iron | 630 | 1320 | 2*M63 | 457 | 508 | 315 | 845 | 28 | 216 | 80 | 170 | 85 | 22 | 6319 | 6319 | 95*115*5.5 | 95*115*5.5 |
| 160 | 2 | Q2EP315L2C | Cast Iron | 630 | 1290 | 2*M63 | 508 | 508 | 315 | 845 | 28 | 216 | 65 | 140 | 69 | 18 | 6317 | 6317 | 85*105*5.5 | 85*105*5.5 |
| 160 | 4 | Q2EP315L4C | Cast Iron | 630 | 1320 | 2*M63 | 508 | 508 | 315 | 845 | 28 | 216 | 80 | 170 | 85 | 22 | 6319 | 6319 | 95*115*5.5 | 95*115*5.5 |
| 200 | 2 | Q2EP315L2D | Cast Iron | 630 | 1290 | 2*M63 | 508 | 508 | 315 | 845 | 28 | 216 | 65 | 140 | 69 | 18 | 6317 | 6317 | 85*105*5.5 | 85*105*5.5 |
| 200 | 4 | Q2EP315L4D | Cast Iron | 630 | 1320 | 2*M63 | 508 | 508 | 315 | 845 | 28 | 216 | 80 | 170 | 85 | 22 | 6319 | 6319 | 95*115*5.5 | 95*115*5.5 |
| 250 | 2 | Q2EP355M2C | Cast Iron | 710 | 1486 | 4*M63 | 560 | 610 | 355 | 956 | 28 | 254 | 75 | 140 | 80 | 20 | 6317 | 6317 | 85*105*5.5 | 85*105*5.5 |
| 250 | 4 | Q2EP355M4C | Cast Iron | 710 | 1517 | 4*M63 | 560 | 610 | 355 | 956 | 28 | 254 | 95 | 170 | 100 | 25 | 6322 | 6322 | 110*130*5.5 | 110*130*5.5 |
| 315 | 2 | Q2EP355L2C | Cast Iron | 710 | 1486 | 4*M63 | 630 | 610 | 355 | 956 | 28 | 254 | 75 | 140 | 80 | 20 | 6317 | 6317 | 85*105*5.5 | 85*105*5.5 |
| 315 | 4 | Q2EP355L4C | Cast Iron | 710 | 1517 | 4*M63 | 630 | 610 | 355 | 956 | 28 | 254 | 95 | 170 | 100 | 25 | 6322 | 6322 | 110*130*5.5 | 110*130*5.5 |
| 355 | 2 | Q2EP355L2D | Cast Iron | 710 | 1486 | 4*M63 | 630 | 610 | 355 | 956 | 28 | 254 | 75 | 140 | 80 | 20 | 6317 | 6317 | 85*105*5.5 | 85*105*5.5 |
| 355 | 4 | Q2EP355L4D | Cast Iron | 710 | 1517 | 4*M63 | 630 | 610 | 355 | 956 | 28 | 254 | 95 | 170 | 100 | 25 | 6322 | 6322 | 110*130*5.5 | 110*130*5.5 |

(1) Toleranslar 28 mm'ye kadar DIN EN 50347 "j6", 28 mm ve üzeri "k6" / Tolerance DIN EN 50347 "j6" up to 28mm, "k6" above 28mm
(2) DIN 6885'e göre / According to DIN 6885

BOYUTLAR - B5, B35 / DIMENSION - B5, B35



| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayıklı Motorlar Foot Mounted Motors | | | | | Mil Shaft | | | | Rulman Bearing | | Keçe Seal | | Flanş (FA) (B5) Flange (FA) (B5) | | | | |
|----------------------|---------------------------------------|--------------------------|----------------------------------|---------------------------------|-----|-------|--|-----|-----|-----|----|------------------|----|------|------------------|---------------------------------|--|---------------------------------|--|-------------------------------------|------------------|-----|---|------|
| | | | | AC | L | O | B | A | H | HD | K | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksi Non drive Side | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksi Non drive Side | P | N ⁽³⁾ | M | R | S |
| 0,12 | 4 | Q2E63M4A | Aluminium | 123 | 220 | 1xM20 | 80 | 100 | 63 | 162 | 7 | 11 | 23 | 12,5 | 4 | 6201-ZZ | 6201-ZZ | 12*22*7 | 12*22*7 | 140 | 95 | 115 | - | 10 |
| 0,18 | 2 | Q2E63M2A | Aluminium | 123 | 220 | 1xM20 | 80 | 100 | 63 | 162 | 7 | 11 | 23 | 12,5 | 4 | 6201-ZZ | 6201-ZZ | 12*22*7 | 12*22*7 | 140 | 95 | 115 | - | 10 |
| 0,18 | 4 | Q2E63M4B | Aluminium | 123 | 220 | 1xM20 | 80 | 100 | 63 | 162 | 7 | 11 | 23 | 12,5 | 4 | 6201-ZZ | 6201-ZZ | 12*22*7 | 12*22*7 | 140 | 95 | 115 | - | 10 |
| 0,25 | 2 | Q2E63M2B | Aluminium | 123 | 220 | 1xM20 | 80 | 100 | 63 | 162 | 7 | 11 | 23 | 12,5 | 4 | 6201-ZZ | 6201-ZZ | 12*22*7 | 12*22*7 | 140 | 95 | 115 | - | 10 |
| 0,25 | 4 | Q2E71M4A | Aluminium | 138 | 253 | 1xM20 | 90 | 112 | 71 | 190 | 7 | 14 | 30 | 16,0 | 5 | 6202-ZZ | 6202-ZZ | 15*24*5 | 15*24*5 | 160 | 110 | 130 | - | 10 |
| 0,37 | 2 | Q2E71M2A | Aluminium | 138 | 253 | 1xM20 | 90 | 112 | 71 | 190 | 7 | 14 | 30 | 16,0 | 5 | 6202-ZZ | 6202-ZZ | 15*24*5 | 15*24*5 | 160 | 110 | 130 | - | 10 |
| 0,37 | 4 | Q2E71M4B | Aluminium | 138 | 253 | 1xM20 | 90 | 112 | 71 | 190 | 7 | 14 | 30 | 16,0 | 5 | 6202-ZZ | 6202-ZZ | 15*24*5 | 15*24*5 | 160 | 110 | 130 | - | 10 |
| 0,55 | 2 | Q2E71M2B | Aluminium | 138 | 253 | 1xM20 | 90 | 112 | 71 | 190 | 7 | 14 | 30 | 16,0 | 5 | 6202-ZZ | 6202-ZZ | 15*24*5 | 15*24*5 | 160 | 110 | 130 | - | 10 |
| 0,55 | 4 | Q2H80M4B | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 200 | 130 | 165 | - | 12 |
| 0,75 | 2 | Q2H80M2B | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 200 | 130 | 165 | - | 12 |
| 0,75 | 4 | Q2H80M4C | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 200 | 130 | 165 | - | 12 |
| 0,75 | 6 | Q2H90S6B | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 200 | 130 | 165 | - | 12 |
| 1,1 | 2 | Q2H80M2C | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 200 | 130 | 165 | - | 12 |
| 1,1 | 4 | Q2H90L4C | Aluminium | 158 | 278 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 | 200 | 130 | 165 | - | 12 |
| 1,1 | 6 | Q2H90L6B | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 200 | 130 | 165 | - | 12 |
| 1,5 | 2 | Q2H90L2B | Aluminium | 158 | 278 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 | 200 | 130 | 165 | - | 12 |
| 1,5 | 4 | Q2H90L4C | Aluminium | 158 | 303 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 | 200 | 130 | 165 | - | 12 |
| 1,5 | 6 | Q2H100L6C | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 | 250 | 180 | 215 | - | 14,5 |
| 2,2 | 2 | Q2H90L2D | Aluminium | 158 | 303 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 | 200 | 130 | 165 | - | 12 |
| 2,2 | 4 | Q2H100L4B | Aluminium | 172 | 349 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 250 | 180 | 215 | - | 14,5 |
| 2,2 | 6 | Q2H112M6C | Aluminium | 210 | 396 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 250 | 180 | 215 | - | 14,5 |
| 3 | 2 | Q2H100L2C | Aluminium | 172 | 349 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 250 | 180 | 215 | - | 14,5 |
| 3 | 4 | Q2H100L4C | Aluminium | 172 | 384 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 250 | 180 | 215 | - | 14,5 |
| 3 | 6 | Q2H132S6A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 300 | 230 | 265 | - | 14,5 |
| 4 | 2 | Q2H112M2B | Aluminium | 191 | 399 | 1xM25 | 140 | 190 | 112 | 254 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 250 | 180 | 215 | - | 14,5 |
| 4 | 4 | Q2H112M4C | Aluminium | 191 | 399 | 1xM25 | 140 | 190 | 112 | 254 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 250 | 180 | 215 | - | 14,5 |
| 4 | 6 | Q2H132M6A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 300 | 230 | 265 | - | 14,5 |
| 5,5 | 2 | Q2H132S2B | Aluminium | 210 | 422 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 | 300 | 230 | 265 | - | 14,5 |
| 5,5 | 4 | Q2H132S4A | Aluminium | 210 | 422 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 | 300 | 230 | 265 | - | 14,5 |
| 5,5 | 6 | Q2H132M6B | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 300 | 230 | 265 | - | 14,5 |

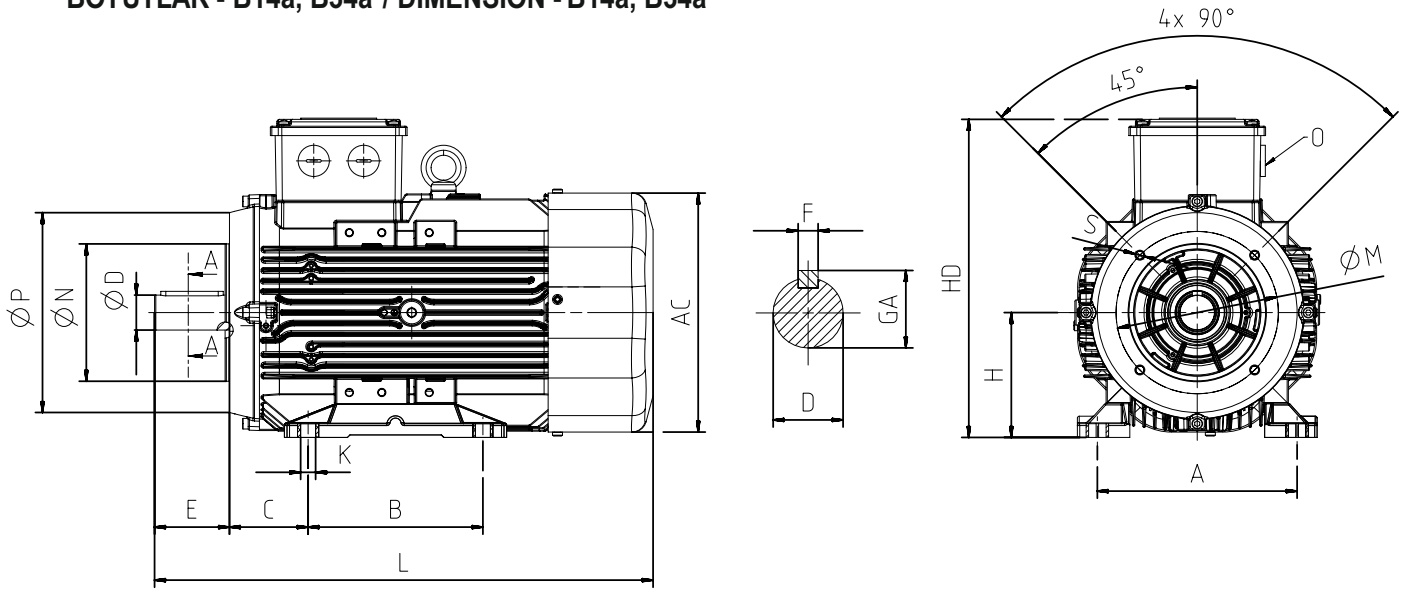
(1) Toleranslar 28 mm'ye kadar DIN EN 50347 "j6", 28 mm ve üzeri "k6" / Tolerance DIN EN 50347 "j6" up to 28mm, "k6" above 28mm

(2) DIN 6885'e göre / According to DIN 6885

(3) Tolerans DIN EN 50347 "j6" / Tolerance DIN EN 50347 "j6"

| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayaklı Motorlar Foot Mounted Motors | | | | | Mil Shaft | | | Rulman Bearing | | Keçe Seal | | Flanş (FA) (B5) Flange (FA) (B5) | | | | | |
|----------------------|---------------------------------------|--------------------------|----------------------------------|---------------------------------|------|-------|--|-----|-----|-----|------|------------------|-----|------|-------------------|---------------------------------|--|---------------------------------|--|-----|------------------|-----|---|------|
| | | | | AC | L | O | B | A | H | HD | K | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Taraflı Drive Side | Kasnak Taraflı Non drive Side | Kasnak Taraflı Drive Side | Kasnak Taraflı Non drive Side | P | N ⁽³⁾ | M | R | S |
| 7,5 | 2 | Q2H132S2C | Aluminium | 210 | 422 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 | 300 | 230 | 265 | - | 14,5 |
| 7,5 | 4 | Q2H132M4C | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 300 | 230 | 265 | - | 14,5 |
| 7,5 | 6 | Q2H160M6B | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 | 350 | 250 | 300 | - | 18,5 |
| 11 | 2 | Q2H160M2B | Aluminium | 260 | 520 | 1xM32 | 210-254 | 254 | 160 | 351 | 14,5 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6208-ZZ | 45*72*10 | 40*62*10 | 350 | 250 | 300 | - | 18,5 |
| 11 | 4 | Q2H160M4C | Aluminium | 260 | 520 | 1xM32 | 210-254 | 254 | 160 | 351 | 14,5 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6208-ZZ | 45*72*10 | 40*62*10 | 350 | 250 | 300 | - | 18,5 |
| 11 | 6 | Q2H160L6B | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 | 350 | 250 | 300 | - | 18,5 |
| 15 | 2 | Q2H160M2C | Aluminium | 260 | 520 | 1xM32 | 210-254 | 254 | 160 | 351 | 14,5 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6208-ZZ | 45*72*10 | 40*62*10 | 350 | 250 | 300 | - | 18,5 |
| 15 | 4 | Q2H160L4B | Aluminium | 260 | 520 | 1xM32 | 210-254 | 254 | 160 | 351 | 14,5 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6208-ZZ | 45*72*10 | 40*62*10 | 350 | 250 | 300 | - | 18,5 |
| 15 | 6 | Q2H180L6A | Aluminium | 349 | 696 | 1xM40 | 241-279 | 279 | 180 | 437 | 14,5 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6310-ZZ | 50*80*10 | 50*80*10 | 350 | 250 | 300 | - | 18,5 |
| 18,5 | 2 | Q2H160M2D | Aluminium | 260 | 520 | 1xM32 | 210-254 | 254 | 160 | 351 | 14,5 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6208-ZZ | 45*72*10 | 40*62*10 | 350 | 250 | 300 | - | 18,5 |
| 18,5 | 4 | Q2H180M4A | Aluminium | 305 | 596 | 1xM32 | 241-279 | 279 | 180 | 398 | 14,5 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6209-ZZ | 50*80*10 | 45*72*10 | 350 | 250 | 300 | - | 18,5 |
| 18,5 | 6 | Q2H200L6B | Aluminium | 349 | 706 | 1xM50 | 305 | 318 | 200 | 455 | 18,5 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 | 400 | 300 | 350 | - | 18,5 |
| 22 | 2 | Q2H180M2A | Aluminium | 305 | 596 | 1xM32 | 241-279 | 279 | 180 | 398 | 14,5 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6209-ZZ | 50*80*10 | 45*72*10 | 350 | 250 | 300 | - | 18,5 |
| 22 | 4 | Q2H180M4B | Aluminium | 305 | 596 | 1xM32 | 241-279 | 279 | 180 | 398 | 14,5 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6209-ZZ | 50*80*10 | 45*72*10 | 350 | 250 | 300 | - | 18,5 |
| 22 | 6 | Q2H200L6C | Aluminium | 349 | 706 | 1xM50 | 267-305 | 318 | 200 | 455 | 18,5 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 | 400 | 300 | 350 | - | 18,5 |
| 30 | 2 | Q2H200L2B | Aluminium | 349 | 706 | 1xM50 | 267-305 | 318 | 200 | 455 | 18,5 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 | 400 | 300 | 350 | - | 18,5 |
| 30 | 4 | Q2H200L4C | Aluminium | 349 | 706 | 1xM50 | 267-305 | 318 | 200 | 455 | 18,5 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 | 400 | 300 | 350 | - | 18,5 |
| 30 | 6 | Q2E225M6B | Aluminium | 456 | 765 | 1xM50 | 286-311 | 356 | 225 | 485 | 18,5 | 60 | 140 | 64,0 | 18 | 6313-ZZ | 6313-ZZ | 65*100*13 | 65*100*13 | 450 | 350 | 400 | - | 18,5 |
| 37 | 2 | Q2H200L2C | Aluminium | 349 | 706 | 1xM50 | 267-305 | 318 | 200 | 455 | 18,5 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 | 400 | 300 | 350 | - | 18,5 |
| 37 | 4 | Q2E225M4A | Aluminium | 456 | 765 | 1xM50 | 286-311 | 356 | 225 | 485 | 18,5 | 60 | 140 | 64,0 | 18 | 6313-ZZ | 6313-ZZ | 65*100*13 | 65*100*13 | 450 | 350 | 400 | - | 18,5 |
| 45 | 2 | Q2E225M2B | Aluminium | 456 | 735 | 1xM50 | 286-311 | 356 | 225 | 485 | 18,5 | 55 | 110 | 59,0 | 16 | 6313-ZZ | 6313-ZZ | 65*100*13 | 65*100*13 | 450 | 350 | 400 | - | 18,5 |
| 45 | 4 | Q2E225M4B | Aluminium | 456 | 765 | 1xM50 | 286-311 | 356 | 225 | 485 | 18,5 | 60 | 140 | 64,0 | 18 | 6313-ZZ | 6313-ZZ | 65*100*13 | 65*100*13 | 450 | 350 | 400 | - | 18,5 |
| 55 | 2 | Q2E250M2A | Aluminium | 527 | 886 | 2*M50 | 349 | 406 | 250 | 615 | 24 | 60 | 140 | 18 | 64 | 6315-ZZ | 6313-ZZ | 75*112*12 | 65*100*13 | 550 | 450 | 500 | - | 18,5 |
| 55 | 2 | Q2E250M2A | Cast Iron | 489 | 893 | 1xM50 | 349 | 406 | 250 | 616 | 24 | 60 | 140 | 69,0 | 18 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 | 550 | 450 | 500 | - | 18,5 |
| 55 | 4 | Q2E250M4A | Cast Iron | 489 | 893 | 1xM50 | 349 | 406 | 250 | 616 | 24 | 65 | 140 | 69,0 | 18 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 | 550 | 450 | 500 | - | 18,5 |
| 75 | 2 | Q2EP280M2B | Cast Iron | 489 | 1025 | 1xM50 | 419 | 457 | 280 | 647 | 24 | 65 | 140 | 69,0 | 18 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 | 550 | 450 | 500 | - | 18,5 |
| 75 | 4 | Q2EP280M4B | Cast Iron | 489 | 1025 | 1xM50 | 419 | 457 | 280 | 647 | 24 | 75 | 140 | 79,5 | 20 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 | 550 | 450 | 500 | - | 18,5 |
| 90 | 2 | Q2EP280M2C | Cast Iron | 489 | 1025 | 1xM50 | 419 | 457 | 280 | 647 | 24 | 65 | 140 | 69,0 | 18 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 | 550 | 450 | 500 | - | 18,5 |
| 90 | 4 | Q2EP280M4C | Cast Iron | 489 | 1025 | 1xM50 | 419 | 457 | 280 | 647 | 24 | 75 | 140 | 79,5 | 20 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 | 550 | 450 | 500 | - | 18,5 |
| 110 | 2 | Q2EP315S2C | Cast Iron | 630 | 1180 | 2*M63 | 406 | 508 | 315 | 845 | 28 | 216 | 65 | 140 | 69 | 6317 | 6317 | 85*105*5.5 | 85*105*5.5 | 660 | 550 | 600 | - | 24 |
| 110 | 4 | Q2EP315S4C | Cast Iron | 630 | 1210 | 2*M63 | 406 | 508 | 315 | 845 | 28 | 216 | 80 | 170 | 85 | 6319 | 6319 | 95*115*5.5 | 95*115*5.5 | 660 | 550 | 600 | - | 24 |
| 132 | 2 | Q2EP315M2C | Cast Iron | 630 | 1290 | 2*M63 | 457 | 508 | 315 | 845 | 28 | 216 | 65 | 140 | 69 | 6317 | 6317 | 85*105*5.5 | 85*105*5.5 | 660 | 550 | 600 | - | 24 |
| 132 | 4 | Q2EP315M4C | Cast Iron | 630 | 1320 | 2*M63 | 457 | 508 | 315 | 845 | 28 | 216 | 80 | 170 | 85 | 6319 | 6319 | 95*115*5.5 | 95*115*5.5 | 660 | 550 | 600 | - | 24 |
| 160 | 2 | Q2EP315L2C | Cast Iron | 630 | 1290 | 2*M63 | 508 | 508 | 315 | 845 | 28 | 216 | 65 | 140 | 69 | 6317 | 6317 | 85*105*5.5 | 85*105*5.5 | 660 | 550 | 600 | - | 24 |
| 160 | 4 | Q2EP315L4C | Cast Iron | 630 | 1320 | 2*M63 | 508 | 508 | 315 | 845 | 28 | 216 | 80 | 170 | 85 | 6319 | 6319 | 95*115*5.5 | 95*115*5.5 | 660 | 550 | 600 | - | 24 |
| 200 | 2 | Q2EP315L2D | Cast Iron | 630 | 1290 | 2*M63 | 508 | 508 | 315 | 845 | 28 | 216 | 65 | 140 | 69 | 6317 | 6317 | 85*105*5.5 | 85*105*5.5 | 660 | 550 | 600 | - | 24 |
| 200 | 4 | Q2EP315L4D | Cast Iron | 630 | 1320 | 2*M63 | 508 | 508 | 315 | 845 | 28 | 216 | 80 | 170 | 85 | 6319 | 6319 | 95*115*5.5 | 95*115*5.5 | 660 | 550 | 600 | - | 24 |
| 250 | 2 | Q2EP355M2C | Cast Iron | 710 | 1486 | 4*M63 | 560 | 610 | 355 | 956 | 28 | 254 | 75 | 140 | 80 | 6317 | 6317 | 85*105*5.5 | 85*105*5.5 | 800 | 680 | 740 | - | 24 |
| 250 | 4 | Q2EP355M4C | Cast Iron | 710 | 1517 | 4*M63 | 560 | 610 | 355 | 956 | 28 | 254 | 95 | 170 | 100 | 6322 | 6322 | 110*130*5.5 | 110*130*5.5 | 800 | 680 | 740 | - | 24 |
| 315 | 2 | Q2EP355L2C | Cast Iron | 710 | 1486 | 4*M63 | 630 | 610 | 355 | 956 | 28 | 254 | 75 | 140 | 80 | 6317 | 6317 | 85*105*5.5 | 85*105*5.5 | 800 | 680 | 740 | - | 24 |
| 315 | 4 | Q2EP355L4C | Cast Iron | 710 | 1517 | 4*M63 | 630 | 610 | 355 | 956 | 28 | 254 | 95 | 170 | 100 | 6322 | 6322 | 110*130*5.5 | 110*130*5.5 | 800 | 680 | 740 | - | 24 |
| 355 | 2 | Q2EP355L2D | Cast Iron | 710 | 1486 | 4*M63 | 630 | 610 | 355 | 956 | 28 | 254 | 75 | 140 | 80 | 6317 | 6317 | 85*105*5.5 | 85*105*5.5 | 800 | 680 | 740 | - | 24 |
| 355 | 4 | Q2EP355L4D | Cast Iron | 710 | 1517 | 4*M63 | 630 | 610 | 355 | 956 | 28 | 254 | 95 | 170 | 100 | 6322 | 6322 | 110*130*5.5 | 110*130*5.5 | 800 | 680 | 740 | - | 24 |

BOYUTLAR - B14a, B34a / DIMENSION - B14a, B34a



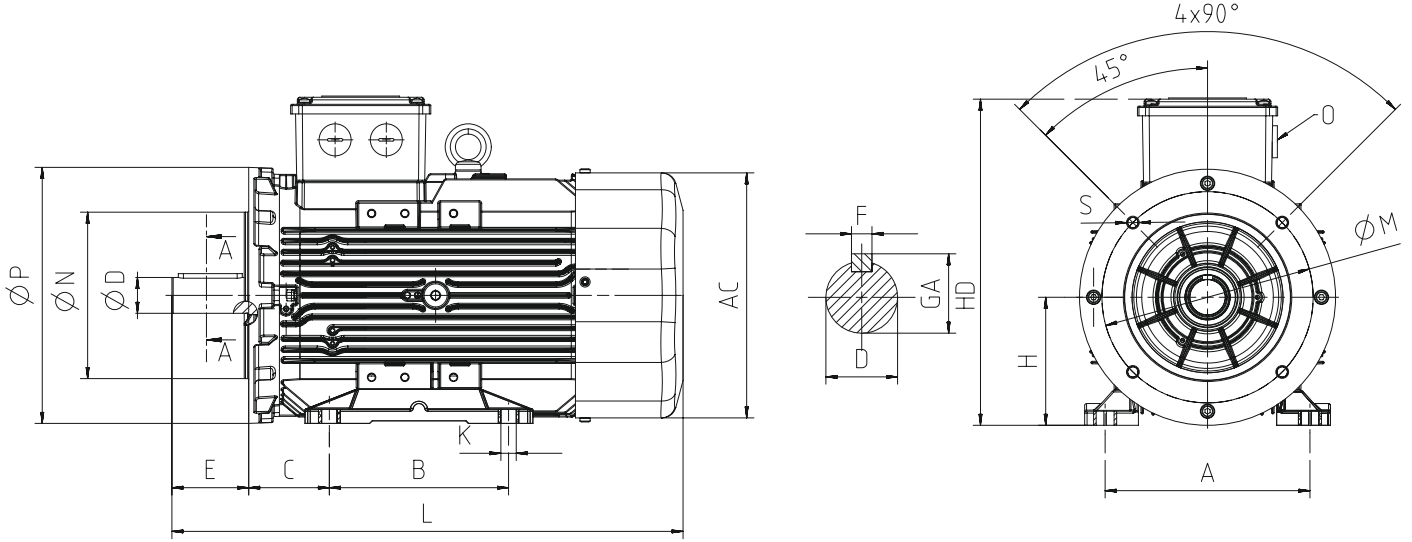
| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayaklı Motorlar Foot Mounted Motors | | | | | Mil Shaft | | Rulman Bearing | | Keçe Seal | | Flanş (FC) (B14a) Flange (FC) (B14a) | | | | | | |
|----------------------|---------------------------------------|--------------------------|----------------------------------|---------------------------------|-----|-------|--|-----|-----|-----|----|------------------|----|-------------------|------------------|---------------------------------|---|---|---|-----|------------------|-----|---|-----|
| | | | | AC | L | O | B | A | H | HD | K | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksi Non drive Side | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksi Non drive Side | P | N ⁽³⁾ | M | R | S |
| 0,12 | 4 | Q2E63M4A | Aluminium | 123 | 220 | 1xM20 | 80 | 100 | 63 | 162 | 7 | 11 | 23 | 12,5 | 4 | 6201-ZZ | 6201-ZZ | 12*22*7 | 12*22*7 | 90 | 60 | 75 | - | M5 |
| 0,18 | 2 | Q2E63M2A | Aluminium | 123 | 220 | 1xM20 | 80 | 100 | 63 | 162 | 7 | 11 | 23 | 12,5 | 4 | 6201-ZZ | 6201-ZZ | 12*22*7 | 12*22*7 | 90 | 60 | 75 | - | M5 |
| 0,18 | 4 | Q2E63M4B | Aluminium | 123 | 220 | 1xM20 | 80 | 100 | 63 | 162 | 7 | 11 | 23 | 12,5 | 4 | 6201-ZZ | 6201-ZZ | 12*22*7 | 12*22*7 | 90 | 60 | 75 | - | M5 |
| 0,25 | 2 | Q2E63M2B | Aluminium | 123 | 220 | 1xM20 | 80 | 100 | 63 | 162 | 7 | 11 | 23 | 12,5 | 4 | 6201-ZZ | 6201-ZZ | 12*22*7 | 12*22*7 | 90 | 60 | 75 | - | M5 |
| 0,25 | 4 | Q2E71M4A | Aluminium | 138 | 253 | 1xM20 | 90 | 112 | 71 | 190 | 7 | 14 | 30 | 16,0 | 5 | 6202-ZZ | 6202-ZZ | 15*24*5 | 15*24*5 | 105 | 70 | 85 | - | M6 |
| 0,37 | 2 | Q2E71M2A | Aluminium | 138 | 253 | 1xM20 | 90 | 112 | 71 | 190 | 7 | 14 | 30 | 16,0 | 5 | 6202-ZZ | 6202-ZZ | 15*24*5 | 15*24*5 | 105 | 70 | 85 | - | M6 |
| 0,37 | 4 | Q2E71M4B | Aluminium | 138 | 253 | 1xM20 | 90 | 112 | 71 | 190 | 7 | 14 | 30 | 16,0 | 5 | 6202-ZZ | 6202-ZZ | 15*24*5 | 15*24*5 | 105 | 70 | 85 | - | M6 |
| 0,55 | 2 | Q2E71M2B | Aluminium | 138 | 253 | 1xM20 | 90 | 112 | 71 | 190 | 7 | 14 | 30 | 16,0 | 5 | 6202-ZZ | 6202-ZZ | 15*24*5 | 15*24*5 | 105 | 70 | 85 | - | M6 |
| 0,55 | 4 | Q2H80M4B | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 120 | 80 | 100 | - | M6 |
| 0,75 | 2 | Q2H80M2B | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 120 | 80 | 100 | - | M6 |
| 0,75 | 4 | Q2H80M4C | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 120 | 80 | 100 | - | M6 |
| 0,75 | 6 | Q2H90S6B | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 140 | 95 | 115 | - | M8 |
| 1,1 | 2 | Q2H80M2C | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 120 | 80 | 100 | - | M6 |
| 1,1 | 4 | Q2H90L4C | Aluminium | 158 | 278 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 | 140 | 95 | 115 | - | M8 |
| 1,1 | 6 | Q2H90L6C | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 140 | 95 | 115 | - | M8 |
| 1,5 | 2 | Q2H90L2B | Aluminium | 158 | 278 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 | 140 | 95 | 115 | - | M8 |
| 1,5 | 4 | Q2H90L4C | Aluminium | 158 | 303 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 | 140 | 95 | 115 | - | M8 |
| 1,5 | 6 | Q2H100L6C | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 | 160 | 110 | 130 | - | M8 |
| 2,2 | 2 | Q2H90L2D | Aluminium | 158 | 303 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 | 140 | 95 | 115 | - | M8 |
| 2,2 | 4 | Q2H100L4B | Aluminium | 172 | 349 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 2,2 | 6 | Q2H112M6C | Aluminium | 210 | 396 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 160 | 110 | 130 | - | M8 |
| 3 | 2 | Q2H100L2C | Aluminium | 172 | 349 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 3 | 4 | Q2H100L4C | Aluminium | 172 | 384 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 3 | 6 | Q2H132S6A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 200 | 130 | 165 | - | M10 |
| 4 | 2 | Q2H112M2B | Aluminium | 191 | 399 | 1xM25 | 140 | 190 | 112 | 254 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 4 | 4 | Q2H112M4C | Aluminium | 191 | 399 | 1xM25 | 140 | 190 | 112 | 254 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 4 | 6 | Q2H132M6A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 200 | 130 | 165 | - | M10 |
| 5,5 | 2 | Q2H132S2B | Aluminium | 210 | 422 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 | 200 | 130 | 165 | - | M10 |
| 5,5 | 4 | Q2H132S4A | Aluminium | 210 | 422 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 | 200 | 130 | 165 | - | M10 |
| 5,5 | 6 | Q2H132M6B | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 200 | 130 | 165 | - | M10 |
| 7,5 | 2 | Q2H132S2C | Aluminium | 210 | 422 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 | 200 | 130 | 165 | - | M10 |
| 7,5 | 4 | Q2H132M4C | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 200 | 130 | 165 | - | M10 |

(1) Toleranslar 28 mm'ye kadar DIN EN 50347 "j6", 28 mm ve üzeri "k6" / Tolerance DIN EN 50347 "j6" up to 28mm, "k6" above 28mm

(2) DIN 6885'e göre / According to DIN 6885

(3) Tolerans DIN EN 50347 "j6" / Tolerance DIN EN 50347 "j6"

BOYUTLAR - B14b, B34b / DIMENSION - B14b, B34b



| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayaklı Motorlar Foot Mounted Motors | | | | | Mil Shaft | | Rulman Bearing | | Keçe Seal | | Flanş (FB) (B14b) Flange (FB) (B14b) | | | | | | |
|----------------------|---------------------------------------|--------------------------|----------------------------------|---------------------------------|-----|-------|--|-----|-----|-----|----|------------------|----|-------------------|------------------|---------------------------------|---|---|---|-----|------------------|-----|---|-----|
| | | | | AC | L | O | B | A | H | HD | K | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksı Non drive Side | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksı Non drive Side | P | N ⁽³⁾ | M | R | S |
| 0,12 | 4 | Q2E63M4A | Aluminium | 123 | 220 | 1xM20 | 80 | 100 | 63 | 162 | 7 | 11 | 23 | 12,5 | 4 | 6201-ZZ | 6201-ZZ | 12*22*7 | 12*22*7 | 120 | 80 | 100 | - | M6 |
| 0,18 | 2 | Q2E63M2A | Aluminium | 123 | 220 | 1xM20 | 80 | 100 | 63 | 162 | 7 | 11 | 23 | 12,5 | 4 | 6201-ZZ | 6201-ZZ | 12*22*7 | 12*22*7 | 120 | 80 | 100 | - | M6 |
| 0,18 | 4 | Q2E63M4B | Aluminium | 123 | 220 | 1xM20 | 80 | 100 | 63 | 162 | 7 | 11 | 23 | 12,5 | 4 | 6201-ZZ | 6201-ZZ | 12*22*7 | 12*22*7 | 120 | 80 | 100 | - | M6 |
| 0,25 | 2 | Q2E63M2B | Aluminium | 123 | 220 | 1xM20 | 80 | 100 | 63 | 162 | 7 | 11 | 23 | 12,5 | 4 | 6201-ZZ | 6201-ZZ | 12*22*7 | 12*22*7 | 120 | 80 | 100 | - | M6 |
| 0,25 | 4 | Q2E71M4A | Aluminium | 138 | 253 | 1xM20 | 90 | 112 | 71 | 190 | 7 | 14 | 30 | 16,0 | 5 | 6202-ZZ | 6202-ZZ | 15*24*5 | 15*24*5 | 140 | 95 | 115 | - | M8 |
| 0,37 | 2 | Q2E71M2A | Aluminium | 138 | 253 | 1xM20 | 90 | 112 | 71 | 190 | 7 | 14 | 30 | 16,0 | 5 | 6202-ZZ | 6202-ZZ | 15*24*5 | 15*24*5 | 140 | 95 | 115 | - | M8 |
| 0,37 | 4 | Q2E71M4B | Aluminium | 138 | 253 | 1xM20 | 90 | 112 | 71 | 190 | 7 | 14 | 30 | 16,0 | 5 | 6202-ZZ | 6202-ZZ | 15*24*5 | 15*24*5 | 140 | 95 | 115 | - | M8 |
| 0,55 | 2 | Q2E71M2B | Aluminium | 138 | 253 | 1xM20 | 90 | 112 | 71 | 190 | 7 | 14 | 30 | 16,0 | 5 | 6202-ZZ | 6202-ZZ | 15*24*5 | 15*24*5 | 140 | 95 | 115 | - | M8 |
| 0,55 | 4 | Q2H80M4B | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 160 | 110 | 130 | - | M8 |
| 0,75 | 2 | Q2H80M2B | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 160 | 110 | 130 | - | M8 |
| 0,75 | 4 | Q2H80M4C | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 160 | 110 | 130 | - | M8 |
| 0,75 | 6 | Q2H90S6B | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 1,1 | 2 | Q2H80M2C | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 160 | 110 | 130 | - | M8 |
| 1,1 | 4 | Q2H90L4C | Aluminium | 158 | 278 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 | 160 | 110 | 130 | - | M8 |
| 1,1 | 6 | Q2H90L6C | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 1,5 | 2 | Q2H90L2B | Aluminium | 158 | 278 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 | 160 | 110 | 130 | - | M8 |
| 1,5 | 4 | Q2H90L4C | Aluminium | 158 | 303 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 | 160 | 110 | 130 | - | M8 |
| 1,5 | 6 | Q2H100L6C | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 | 200 | 130 | 165 | - | M10 |
| 2,2 | 2 | Q2H90L2D | Aluminium | 158 | 303 | 1xM25 | 100-125 | 140 | 90 | 213 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6204-ZZ | 25*40*7 | 20*30*7 | 160 | 110 | 130 | - | M8 |
| 2,2 | 4 | Q2H100L4B | Aluminium | 172 | 349 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 200 | 130 | 165 | - | M10 |
| 2,2 | 6 | Q2H112M6C | Aluminium | 210 | 396 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 200 | 130 | 165 | - | M10 |
| 3 | 2 | Q2H100L2C | Aluminium | 172 | 349 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 200 | 130 | 165 | - | M10 |
| 3 | 4 | Q2H100L4C | Aluminium | 172 | 384 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 200 | 130 | 165 | - | M10 |
| 3 | 6 | Q2H132S6A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 250 | 180 | 215 | - | M12 |
| 4 | 2 | Q2H112M2B | Aluminium | 191 | 399 | 1xM25 | 140 | 190 | 112 | 254 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 200 | 130 | 165 | - | M10 |
| 4 | 4 | Q2H112M4C | Aluminium | 191 | 399 | 1xM25 | 140 | 190 | 112 | 254 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 200 | 130 | 165 | - | M10 |
| 4 | 6 | Q2H132M6A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 250 | 180 | 215 | - | M12 |
| 5,5 | 2 | Q2H132S2B | Aluminium | 210 | 422 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 | 250 | 180 | 215 | - | M12 |
| 5,5 | 4 | Q2H132S4A | Aluminium | 210 | 422 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 | 250 | 180 | 215 | - | M12 |
| 5,5 | 6 | Q2H132M6B | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 250 | 180 | 215 | - | M12 |
| 7,5 | 2 | Q2H132S2C | Aluminium | 210 | 422 | 1xM25 | 140-178 | 216 | 132 | 283 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6206-ZZ | 40*62*10 | 30*47*7 | 250 | 180 | 215 | - | M12 |
| 7,5 | 4 | Q2H132M4C | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 250 | 180 | 215 | - | M12 |

(1) Toleranslar 28 mm'ye kadar DIN EN 50347 "j6", 28 mm ve üzeri "k6" / Tolerance DIN EN 50347 "j6" up to 28mm, "k6" above 28mm

(2) DIN 6885'e göre / According to DIN 6885

(3) Tolerans DIN EN 50347 "j6" / Tolerance DIN EN 50347 "j6"

ELEKTRİKSEL ÖZELLİKLER - 50 Hz / ELECTRICAL CHARACTERISTICS AT 50 Hz

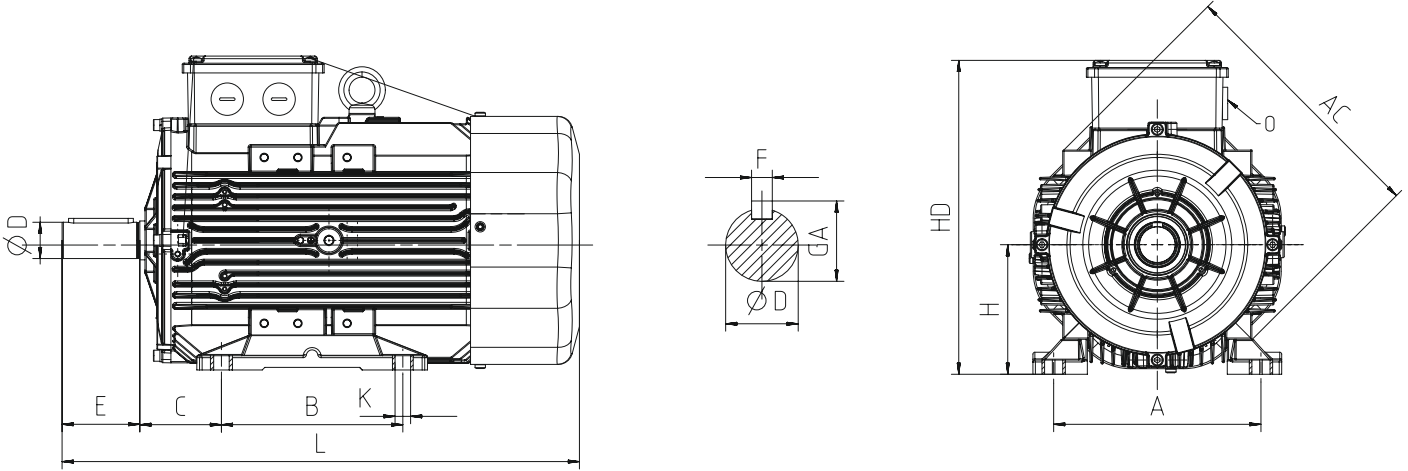
| MOTOR TİPİ MOTOR TYPE | GÖVDE TIPI HOUSING TYPE | NOMINAL RATED VALUES | | | | | | KALKIŞTAKİ DEĞERLER STARTING VALUES | | | | Devrilme Momenti Oranı Breakdown Torque Ratio Mk/ Mn | VERİM* EFFICIENCY* | | | Cos φ | J | Ağırlık Weight (B3) | Ses Basınç Seviyesi Sound Pressure Level dBA** |
|--------------------------------------|----------------------------------|-------------------------|-------|-----------------------|----------------------|------------------------|--------------------------------|--|---------------------------------|-----|-----|---|-----------------------|------|------|---------|---------|---------------------------|---|
| | | GÜÇ POWER | | DEVİR SPEED rpm | AKIM CURRENT A | MOMENT TORQUE Nm | AKIM CURRENT I_A / I_N | | MOMENT TORQUE M_A / M_N | | η% | | | | | | | | |
| | | kW | HP | | | | λ | Δ | λ | Δ | 4/4 | | 3/4 | 2/4 | | | | | |
| 2 kutup 3000 d/dak / 2 pole 3000 rpm | | | | | | | | | | | | | | | | | | | |
| 230/400V | Q2H80M2D | Aluminium | 1,5 | 2,0 | 2875 | 3,8 | 5,0 | 8,0 | - | 3,9 | - | 4,4 | 81,3 | 80,4 | 76,6 | 0,74 | 0,00169 | 12 | 58 |
| | Q2H80M2DE | Aluminium | 2,2 | 3,0 | 2870 | 4,7 | 7,3 | 9,1 | - | 3,9 | - | 4,4 | 83,2 | 82,8 | 81,3 | 0,83 | 0,00224 | 16 | 59 |
| | Q2H90L2D | Aluminium | 3,0 | 4,0 | 2887 | 6,3 | 9,9 | 7,3 | - | 2,4 | - | 2,9 | 84,6 | 85,4 | 84,2 | 0,83 | 0,00283 | 19 | 61 |
| 400/690V | Q2HS100L2C | Aluminium | 4,0 | 5,5 | 2913 | 8,2 | 13,2 | 3,6 | 10,8 | 1,4 | 4,2 | 4,8 | 85,8 | 87,0 | 86,1 | 0,82 | 0,00381 | 24 | 66 |
| | Q2HS112M2C | Aluminium | 5,5 | 7,5 | 2910 | 10,6 | 18,1 | 3,6 | 10,9 | 1,3 | 3,8 | 4,5 | 87,0 | 87,5 | 86,2 | 0,86 | 0,00637 | 29 | 68 |
| | Q2HS112M2D | Aluminium | 7,5 | 10,0 | 2895 | 14,1 | 24,8 | 3,4 | 10,3 | 1,3 | 3,9 | 4,6 | 88,1 | 89,0 | 88,7 | 0,88 | 0,00751 | 30 | 68 |
| | Q2H132M2A | Aluminium | 11,0 | 15,0 | 2923 | 21,3 | 35,9 | 3,1 | 9,2 | 1,1 | 3,3 | 4,8 | 89,4 | 89,9 | 88,4 | 0,83 | 0,03489 | 57 | 69 |
| | Q2H132M2B | Aluminium | 15,0 | 20,0 | 2915 | 30,0 | 49,2 | 3,2 | 9,6 | 1,3 | 3,9 | 5,1 | 90,3 | 90,6 | 89,6 | 0,80 | 0,03490 | 65 | 69 |
| | Q2H132M2C | Aluminium | 18,5 | 25,0 | 2930 | 30,8 | 60,3 | 2,7 | 8,0 | 0,6 | 1,9 | 3,6 | 90,9 | 91,7 | 91,1 | 0,95 | 0,04685 | 77 | 70 |
| | Q2H160L2C | Aluminium | 22,0 | 30,0 | 2955 | 40,9 | 71,2 | 3,5 | 10,4 | 1,2 | 3,6 | 5,2 | 91,3 | 92,0 | 90,7 | 0,84 | 0,04808 | 96 | 71 |
| | Q2H180M2B | Aluminium | 30,0 | 37,0 | 2955 | 51,5 | 97,1 | 2,8 | 8,5 | 0,8 | 2,4 | 3,6 | 92,0 | 92,5 | 91,8 | 0,91 | 0,08643 | 128 | 77 |
| | Q2H180M2C | Aluminium | 37,0 | 50,0 | 2965 | 66,2 | 119,6 | 3,4 | 10,1 | 1,0 | 3,1 | 4,5 | 92,5 | 92,5 | 91,2 | 0,87 | 0,10277 | 145 | 77 |
| | Q2H200L2D | Aluminium | 45,0 | 60,0 | 2960 | 76,0 | 145,1 | 3,3 | 9,8 | 0,9 | 2,8 | 5,3 | 92,9 | 93,4 | 92,7 | 0,92 | 0,11910 | 166 | 78 |
| | Q2E225M2C | Aluminium | 55,0 | 75,0 | 2970 | 96,6 | 176,9 | 3,5 | 10,6 | 1,0 | 3,0 | 7,1 | 93,2 | 93,7 | 92,4 | 0,88 | 0,29500 | 244 | 80 |
| | Q2EP250M2C | Cast Iron | 75,0 | 100,0 | 2975 | 127,9 | 240,8 | 3,5 | 10,6 | 0,9 | 2,7 | 6,8 | 93,8 | 93,7 | 92,5 | 0,92 | 0,54000 | 565 | 81 |
| Q2EP280M2D | Cast Iron | 110,0 | 150,0 | 2980 | 192,0 | 352,4 | 2,6 | 7,7 | 1,0 | 2,9 | 3,4 | 94,1 | 93,9 | 92,9 | 0,88 | 0,70200 | 640 | 82 | |
| 4 kutup 1500 d/dak / 4 pole 1500 rpm | | | | | | | | | | | | | | | | | | | |
| 230/400V | Q2H80M4D | Aluminium | 1,1 | 1,5 | 1430 | 2,5 | 7,4 | 5,7 | - | 2,2 | - | 2,6 | 81,4 | 82,4 | 81,6 | 0,80 | 0,00260 | 12 | 48 |
| | Q2H80M4DE | Aluminium | 1,5 | 2,0 | 1427 | 3,3 | 10,0 | 6,4 | - | 2,5 | - | 3,1 | 82,8 | 84,2 | 83,7 | 0,79 | 0,00306 | 14 | 48 |
| | Q2H90L4D | Aluminium | 2,2 | 3,0 | 1437 | 5,3 | 14,6 | 7,6 | - | 3,6 | - | 4,2 | 84,3 | 84,1 | 81,5 | 0,72 | 0,00526 | 18 | 52 |
| | Q2H90L4DE | Aluminium | 3,0 | 4,0 | 1440 | 7,4 | 20,0 | 6,5 | - | 3,3 | - | 3,7 | 85,5 | 85,3 | 83,0 | 0,70 | 0,00690 | 25 | 53 |
| | Q2H100L4D | Aluminium | 4,0 | 5,5 | 1440 | 8,7 | 26,6 | 2,7 | 8,0 | 1,1 | 3,2 | 3,8 | 86,6 | 85,7 | 83,5 | 0,78 | 0,01058 | 31 | 57 |
| | Q2H112M4D | Aluminium | 5,5 | 7,5 | 1445 | 11,6 | 35,5 | 2,7 | 8,0 | 1,0 | 3,0 | 3,8 | 87,7 | 88,3 | 87,3 | 0,79 | 0,01382 | 38 | 58 |
| 400/690V | Q2H132M4D | Aluminium | 11,0 | 15,0 | 1468 | 21,6 | 71,5 | 2,6 | 7,9 | 0,7 | 2,1 | 3,6 | 89,8 | 91,1 | 90,3 | 0,81 | 0,05440 | 76 | 61 |
| | Q2H132M4E | Aluminium | 15,0 | 20,0 | 1462 | 29,8 | 98,0 | 2,6 | 7,8 | 0,6 | 1,8 | 3,4 | 90,6 | 91,4 | 90,9 | 0,80 | 0,05940 | 81 | 63 |
| | Q2H160L4B | Aluminium | 18,5 | 25,0 | 1470 | 36,0 | 120,2 | 2,3 | 6,8 | 0,7 | 2,2 | 2,9 | 91,2 | 92,0 | 91,6 | 0,81 | 0,09005 | 101 | 57 |
| | Q2H160L4C | Aluminium | 22,0 | 30,0 | 1462 | 41,8 | 143,8 | 1,8 | 5,5 | 0,6 | 1,9 | 2,8 | 91,6 | 92,9 | 93,3 | 0,84 | 0,11068 | 115 | 58 |
| | Q2H180L4C | Aluminium | 30,0 | 40,0 | 1475 | 55,3 | 194,6 | 2,7 | 8,2 | 0,9 | 2,7 | 3,5 | 92,0 | 91,9 | 91,4 | 0,85 | 0,14694 | 143 | 70 |
| | Q2H200L4D | Aluminium | 37,0 | 50,0 | 1476 | 72,5 | 240,8 | 2,8 | 8,3 | 0,9 | 2,8 | 3,7 | 92,7 | 93,2 | 92,8 | 0,79 | 0,26440 | 177 | 71 |
| Q2EP250M4E | Cast Iron | 75,0 | 100,0 | 1485 | 134,2 | 485,7 | 2,6 | 7,8 | 1,0 | 2,9 | 3,4 | 94,0 | 93,9 | 93,2 | 0,86 | 1,06110 | 610 | 72 | |
| Q2EP280M4E | Cast Iron | 110,0 | 150,0 | 1485 | 200,3 | 714,0 | 2,6 | 7,9 | 1,0 | 2,9 | 3,4 | 94,5 | 94,3 | 93,1 | 0,84 | 1,25200 | 688 | 73 | |

* IEC 60034-2-1'e göre / According to IEC 60034-2-1

** Ses Basınç Seviyeleri motordan 1m uzaklıktan ölçülmüştür. / The sound pressure measurements are taken 1m away from the motor

*** Tolerans +3 dBA / Tolerance +3 dBA

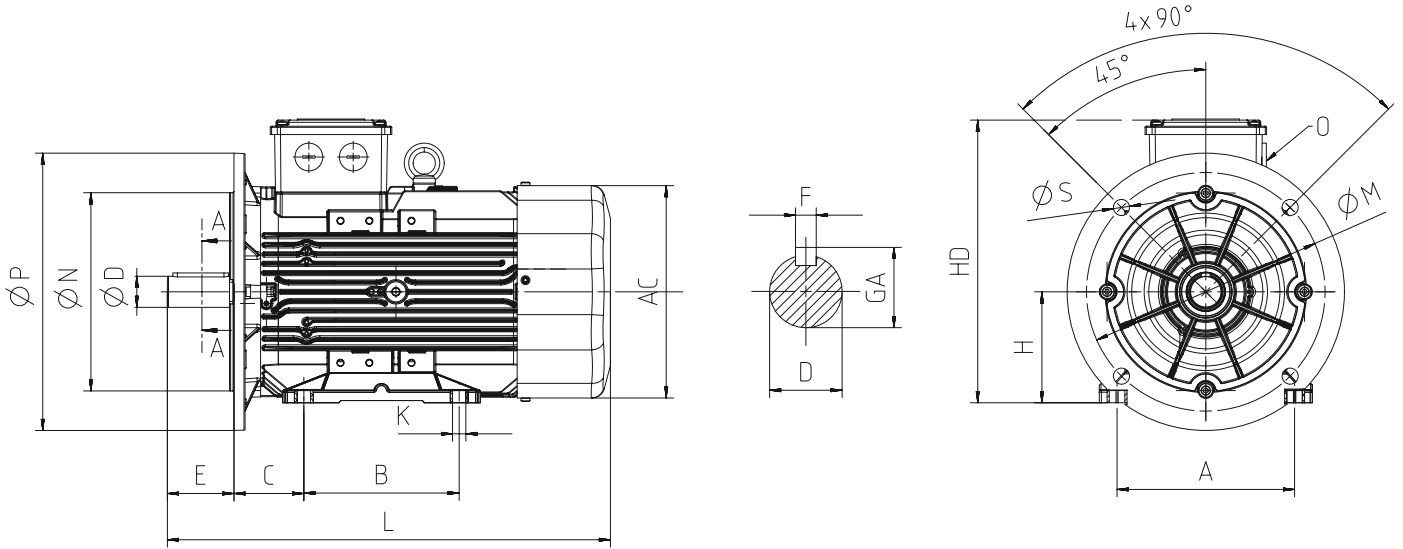
BOYUTLAR - B3 / DIMENSION - B3



| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayaklı Motorlar Foot Mounted Motors | | | | | Mil Shaft | | | | Rulman Bearing | | Keçe Seal | | |
|----------------------|---------------------------------------|--------------------------|----------------------------------|---------------------------------|------|-------|--|-----|-----|-----|------|--------------|------------------|-----|------|-------------------|---------------------------------|---|---------------------------------|---|
| | | | | AC | L | O | B | A | H | HD | K | C | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksı Non Drive Side | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksı Non Drive Side |
| 1,1 | 4 | Q2H80M4D | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 50 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 |
| 1,5 | 2 | Q2H80M2D | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 50 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 |
| 1,5 | 4 | Q2H80M4DE | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 50 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 |
| 2,2 | 2 | Q2H80M2DE | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 50 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 |
| 2,2 | 4 | Q2H90L4D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 56 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 |
| 3,0 | 2 | Q2H90L2D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 56 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 |
| 3,0 | 4 | Q2H90L4DE | Aluminium | 172 | 379 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 56 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 |
| 4,0 | 2 | Q2HS100L2C | Aluminium | 172 | 384 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 63 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 |
| 4,0 | 4 | Q2H100L4D | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 63 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 |
| 5,5 | 2 | Q2HS112M2C | Aluminium | 191 | 399 | 1xM25 | 140 | 190 | 112 | 254 | 12 | 70 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 |
| 5,5 | 4 | Q2H112M4D | Aluminium | 210 | 421 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 70 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 |
| 7,5 | 2 | Q2HS112M2D | Aluminium | 191 | 421 | 1xM25 | 140 | 190 | 112 | 254 | 12 | 70 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 |
| 11,0 | 2 | Q2H132M2A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 |
| 11,0 | 4 | Q2H132M4D | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 |
| 15,0 | 2 | Q2H132M2B | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 |
| 15,0 | 4 | Q2H132M4E | Aluminium | 260 | 539 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 |
| 18,5 | 2 | Q2H132M2C | Aluminium | 260 | 539 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 89 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 |
| 18,5 | 4 | Q2H160L4B | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 108 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 |
| 22,0 | 2 | Q2H160L2C | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 108 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 |
| 22,0 | 4 | Q2H160L4C | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 108 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 |
| 30,0 | 2 | Q2H180M2B | Aluminium | 349 | 696 | 1xM40 | 241-279 | 279 | 180 | 437 | 14,5 | 121 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6310-ZZ | 50*80*10 | 50*80*10 |
| 30,0 | 4 | Q2H180L4C | Aluminium | 349 | 696 | 1xM40 | 241-279 | 279 | 180 | 437 | 14,5 | 121 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6310-ZZ | 50*80*10 | 50*80*10 |
| 37,0 | 2 | Q2H180M2C | Aluminium | 349 | 696 | 1xM40 | 241-279 | 279 | 180 | 437 | 14,5 | 121 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6310-ZZ | 50*80*10 | 50*80*10 |
| 37,0 | 4 | Q2H200L4D | Aluminium | 349 | 759 | 1xM50 | 267-305 | 318 | 200 | 455 | 18,5 | 133 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 |
| 45,0 | 2 | Q2H200L2D | Aluminium | 349 | 759 | 1xM50 | 267-305 | 318 | 200 | 455 | 18,5 | 133 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 |
| 55,0 | 2 | Q2E225M2C | Aluminium | 456 | 735 | 1xM50 | 286-311 | 356 | 225 | 485 | 18,5 | 149 | 55 | 110 | 59,0 | 16 | 6313-ZZ | 6313-ZZ | 65*100*13 | 65*100*13 |
| 75,0 | 2 | Q2EP250M2C | Cast Iron | 489 | 893 | 1xM50 | 311-349 | 406 | 250 | 616 | 30 | 149 | 60 | 140 | 64,0 | 18 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 |
| 75,0 | 4 | Q2EP250M4E | Cast Iron | 489 | 893 | 1xM50 | 311-349 | 406 | 250 | 616 | 30 | 149 | 65 | 140 | 69,0 | 18 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 |
| 110,0 | 2 | Q2EP280M2D | Cast Iron | 489 | 1025 | 1xM50 | 368-419 | 457 | 280 | 647 | 24 | 190 | 65 | 140 | 69,0 | 18 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 |
| 110,0 | 4 | Q2EP280M4E | Cast Iron | 489 | 1025 | 1xM50 | 368-419 | 457 | 280 | 647 | 24 | 130 | 75 | 140 | 79,5 | 20 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 |

(1) Toleranslar 28 mm'ye kadar DIN EN 50347 "j6", 28 mm ve üzeri "k6" / Tolerance DIN EN 50347 "j6" up to 28mm, "k6" above 28mm
(2) DIN 6885'e göre / According to DIN 6885

BOYUTLAR - B5, B35 / DIMENSION - B5, B35



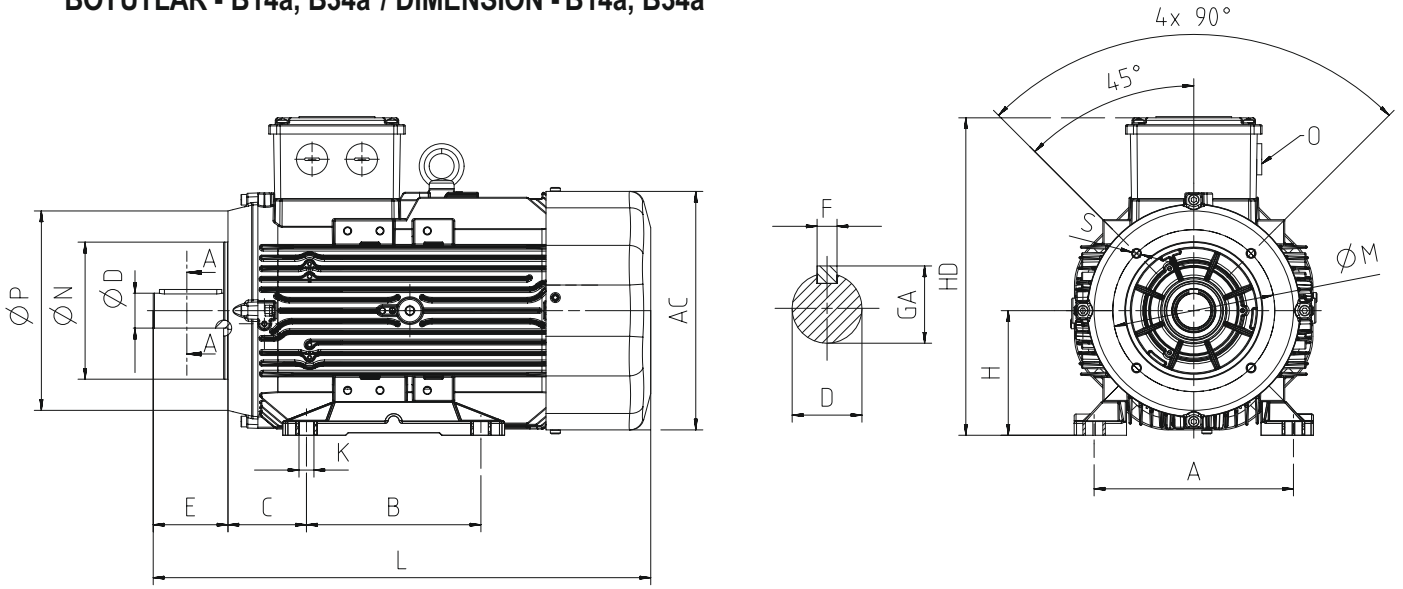
| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayaklı Motorlar Foot Mounted Motors | | | | | Mil Shaft | | Rulman Bearing | | Keçe Seal | | Flanş (FA) (B5) Flange (FA) (B5) | | | | | | |
|----------------------|---------------------------------------|--------------------------|----------------------------------|---------------------------------|------|-------|--|-----|-----|-----|------|------------------|-----|-------------------|------------------|---------------------------------|---|-------------------------------------|---|-----|------------------|-----|---|------|
| | | | | AC | L | O | B | A | H | HD | K | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksı Non drive Side | Kasnak Taraflı Drive Side | Kasnak Taraflı Aksı Non drive Side | P | N ⁽³⁾ | M | R | S |
| 1,1 | 4 | Q2H80M4D | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10,0 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 200 | 130 | 165 | - | 12,0 |
| 1,5 | 2 | Q2H80M2D | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10,0 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 200 | 130 | 165 | - | 12,0 |
| 1,5 | 4 | Q2H80M4DE | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10,0 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 200 | 130 | 165 | - | 12,0 |
| 2,2 | 2 | Q2H80M2DE | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10,0 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 200 | 130 | 165 | - | 12,0 |
| 2,2 | 4 | Q2H90L4D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10,0 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 200 | 130 | 165 | - | 12,0 |
| 3,0 | 2 | Q2H90L2D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10,0 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 200 | 130 | 165 | - | 12,0 |
| 3,0 | 4 | Q2H90L4DE | Aluminium | 172 | 379 | 1xM25 | 100-125 | 140 | 90 | 223 | 10,0 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 200 | 130 | 165 | - | 12,0 |
| 4,0 | 2 | Q2HS100L2C | Aluminium | 172 | 384 | 1xM25 | 140 | 160 | 100 | 233 | 12,0 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 250 | 180 | 215 | - | 14,5 |
| 4,0 | 4 | Q2H100L4D | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12,0 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 | 250 | 180 | 215 | - | 14,5 |
| 5,5 | 2 | Q2HS112M2C | Aluminium | 191 | 399 | 1xM25 | 140 | 190 | 112 | 254 | 12,0 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 250 | 180 | 215 | - | 14,5 |
| 5,5 | 4 | Q2H112M4D | Aluminium | 210 | 421 | 1xM25 | 140 | 190 | 112 | 265 | 12,0 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 250 | 180 | 215 | - | 14,5 |
| 7,5 | 2 | Q2HS112M2D | Aluminium | 191 | 421 | 1xM25 | 140 | 190 | 112 | 254 | 12,0 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 250 | 180 | 215 | - | 14,5 |
| 11,0 | 2 | Q2H132M2A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12,0 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 300 | 230 | 265 | - | 14,5 |
| 11,0 | 4 | Q2H132M4D | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12,0 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 300 | 230 | 265 | - | 14,5 |
| 15,0 | 2 | Q2H132M2B | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12,0 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 300 | 230 | 265 | - | 14,5 |
| 15,0 | 4 | Q2H132M4E | Aluminium | 260 | 539 | 1xM32 | 140-178 | 216 | 132 | 312 | 12,0 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 300 | 230 | 265 | - | 14,5 |
| 18,5 | 2 | Q2H132M2C | Aluminium | 260 | 539 | 1xM32 | 140-178 | 216 | 132 | 312 | 12,0 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 300 | 230 | 265 | - | 14,5 |
| 18,5 | 4 | Q2H160L4B | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 | 350 | 250 | 300 | - | 18,5 |
| 22,0 | 2 | Q2H160L2C | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 | 350 | 250 | 300 | - | 18,5 |
| 22,0 | 4 | Q2H160L4C | Aluminium | 305 | 591 | 1xM32 | 210-254 | 254 | 160 | 368 | 14,5 | 42 | 110 | 45,0 | 12 | 6309-ZZ | 6209-ZZ | 45*72*10 | 45*72*10 | 350 | 250 | 300 | - | 18,5 |
| 30,0 | 2 | Q2H180M2B | Aluminium | 349 | 696 | 1xM40 | 241-279 | 279 | 180 | 437 | 14,5 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6310-ZZ | 50*80*10 | 50*80*10 | 350 | 250 | 300 | - | 18,5 |
| 30,0 | 4 | Q2H180L4C | Aluminium | 349 | 696 | 1xM40 | 241-279 | 279 | 180 | 437 | 14,5 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6310-ZZ | 50*80*10 | 50*80*10 | 350 | 250 | 300 | - | 18,5 |
| 37,0 | 2 | Q2H180M2C | Aluminium | 349 | 696 | 1xM40 | 241-279 | 279 | 180 | 437 | 14,5 | 48 | 110 | 51,5 | 14 | 6310-ZZ | 6310-ZZ | 50*80*10 | 50*80*10 | 350 | 250 | 300 | - | 18,5 |
| 37,0 | 4 | Q2H200L4D | Aluminium | 349 | 759 | 1xM50 | 267-305 | 318 | 200 | 455 | 18,5 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 | 400 | 300 | 350 | - | 18,5 |
| 45,0 | 2 | Q2H200L2D | Aluminium | 349 | 759 | 1xM50 | 267-305 | 318 | 200 | 455 | 18,5 | 55 | 110 | 59,0 | 16 | 6312-ZZ | 6310-ZZ | 60*90*10 | 60*90*10 | 400 | 300 | 350 | - | 18,5 |
| 55,0 | 2 | Q2E225M2C | Aluminium | 456 | 735 | 1xM50 | 286-311 | 356 | 225 | 485 | 18,5 | 55 | 110 | 59,0 | 16 | 6313-ZZ | 6313-ZZ | 65*100*13 | 65*100*13 | 450 | 350 | 400 | - | 18,5 |
| 75,0 | 2 | Q2EP250M2C | Cast Iron | 489 | 893 | 1xM50 | 349 | 406 | 250 | 616 | 24,0 | 60 | 140 | 69,0 | 18 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 | 550 | 450 | 500 | - | 18,5 |
| 75,0 | 4 | Q2EP250M4E | Cast Iron | 489 | 893 | 1xM50 | 349 | 406 | 250 | 616 | 24,0 | 65 | 140 | 69,0 | 18 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 | 550 | 450 | 500 | - | 18,5 |
| 110,0 | 2 | Q2EP280M2D | Cast Iron | 489 | 1025 | 1xM50 | 419 | 457 | 280 | 647 | 24,0 | 65 | 140 | 69,0 | 18 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 | 550 | 450 | 500 | - | 18,5 |
| 110,0 | 4 | Q2EP280M4E | Cast Iron | 489 | 1025 | 1xM50 | 419 | 457 | 280 | 647 | 24,0 | 75 | 140 | 79,5 | 20 | 6316-Z | 6316-Z | 80*100*10 | 80*100*10 | 550 | 450 | 500 | - | 18,5 |

(1) Toleranslar 28 mm'ye kadar DIN EN 50347 "j6", 28 mm ve üzeri "k6" / Tolerance DIN EN 50347 "j6" up to 28mm, "k6" above 28mm

(2) DIN 6885'e göre / According to DIN 6885

(3) Tolerans DIN EN 50347 "j6" / Tolerance DIN EN 50347 "j6"

BOYUTLAR - B14a, B34a / DIMENSION - B14a, B34a



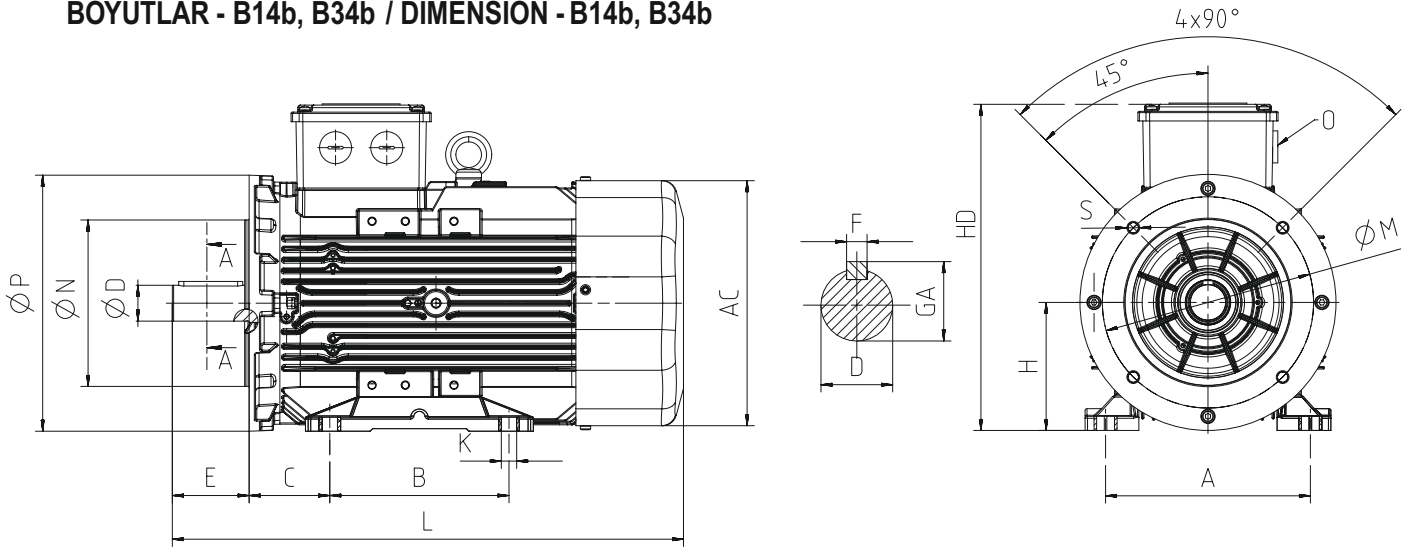
| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayaklı Motorlar Foot Mounted Motors | | | | | Mil Shaft | | Rulman Bearing | | Keçe Seal | | Flanş (FC) (B14a) Flange (FC) (B14a) | | | | | | |
|----------------|------------------------------|-----------------------|-------------------------|------------------------------|-----|-------|-------------------------------------|-----|-----|-----|----|------------------|----|----------------|------------------|--------------------------|-----------------------------------|--------------------------------------|-----------------------------------|-----|------------------|-----|---|-----|
| | | | | AC | L | O | B | A | H | HD | K | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Tarafı Drive Side | Kasnak Tarafı Aksı Non drive Side | Kasnak Tarafı Drive Side | Kasnak Tarafı Aksı Non drive Side | P | N ⁽³⁾ | M | R | S |
| 1,1 | 4 | Q2H80M4D | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 120 | 80 | 100 | - | M6 |
| 1,5 | 2 | Q2H80M2D | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 120 | 80 | 100 | - | M6 |
| 1,5 | 4 | Q2H80M4DE | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 120 | 80 | 100 | - | M6 |
| 2,2 | 2 | Q2H80M2DE | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 120 | 80 | 100 | - | M6 |
| 2,2 | 4 | Q2H90L4D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 140 | 95 | 115 | - | M8 |
| 3,0 | 2 | Q2H90L2D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 140 | 95 | 115 | - | M8 |
| 3,0 | 4 | Q2H90L4DE | Aluminium | 172 | 379 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 140 | 95 | 115 | - | M8 |
| 4,0 | 2 | Q2HS100L2C | Aluminium | 172 | 384 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 4,0 | 4 | Q2H100L4D | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 | 160 | 110 | 130 | - | M8 |
| 5,5 | 2 | Q2HS112M2C | Aluminium | 191 | 399 | 1xM25 | 140 | 190 | 112 | 254 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 5,5 | 4 | Q2H112M4D | Aluminium | 210 | 421 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 160 | 110 | 130 | - | M8 |
| 7,5 | 2 | Q2HS112M2D | Aluminium | 191 | 421 | 1xM25 | 140 | 190 | 112 | 254 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 11,0 | 2 | Q2H132M2A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 200 | 130 | 165 | - | M10 |
| 11,0 | 4 | Q2H132M4D | Aluminium | 260 | 539 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 200 | 130 | 165 | - | M10 |
| 15,0 | 2 | Q2H132M2B | Aluminium | 260 | 539 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 200 | 130 | 165 | - | M10 |
| 15,0 | 4 | Q2H132M4E | Aluminium | 260 | 539 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 200 | 130 | 165 | - | M10 |
| 18,5 | 2 | Q2H132M2C | Aluminium | 260 | 539 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 200 | 130 | 165 | - | M10 |

(1) Toleranslar 28 mm'ye kadar DIN EN 50347 "j6", 28 mm ve üzeri "k6" / Tolerance DIN EN 50347 "j6" up to 28mm, "k6" above 28mm

(2) DIN 6885'e göre / According to DIN 6885

(3) Tolerans DIN EN 50347 "j6" / Tolerance DIN EN 50347 "j6"

BOYUTLAR - B14b, B34b / DIMENSION - B14b, B34b



| Güç Power (kW) | Kutup sayısı Number of Poles | Motor Tipi Motor Type | Gövde Tipi Housing Type | Ana Boyutlar Main Dimensions | | | Ayaklı Motorlar Foot Mounted Motors | | | | | Mil Shaft | | | | Rulman Bearing | | Keçe Seal | | Flanş (FB) (B14b) Flange (FB) (B14b) | | | | |
|----------------|------------------------------|-----------------------|-------------------------|------------------------------|-----|-------|-------------------------------------|-----|-----|-----|----|------------------|----|------|------------------|--------------------------|-----------------------------------|--------------------------|-----------------------------------|--------------------------------------|------------------|-----|---|-----|
| | | | | AC | L | O | B | A | H | HD | K | D ⁽¹⁾ | E | GA | F ⁽²⁾ | Kasnak Tarafı Drive Side | Kasnak Tarafı Aksı Non drive Side | Kasnak Tarafı Drive Side | Kasnak Tarafı Aksı Non drive Side | P | N ⁽³⁾ | M | R | S |
| 1,1 | 4 | Q2H80M4D | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 160 | 110 | 130 | - | M8 |
| 1,5 | 2 | Q2H80M2D | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 160 | 110 | 130 | - | M8 |
| 1,5 | 4 | Q2H80M4DE | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 160 | 110 | 130 | - | M8 |
| 2,2 | 2 | Q2H80M2DE | Aluminium | 158 | 268 | 1xM20 | 100 | 125 | 80 | 216 | 10 | 19 | 40 | 21,5 | 6 | 6204-ZZ | 6204-ZZ | 20*30*7 | 20*30*7 | 160 | 110 | 130 | - | M8 |
| 2,2 | 4 | Q2H90L4D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 3,0 | 2 | Q2H90L2D | Aluminium | 172 | 344 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 3,0 | 4 | Q2H90L4DE | Aluminium | 172 | 379 | 1xM25 | 100-125 | 140 | 90 | 223 | 10 | 24 | 50 | 27,0 | 8 | 6305-ZZ | 6205-ZZ | 25*40*7 | 25*40*7 | 160 | 110 | 130 | - | M8 |
| 4,0 | 2 | Q2HS100L2C | Aluminium | 172 | 384 | 1xM25 | 140 | 160 | 100 | 233 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 200 | 130 | 165 | - | M10 |
| 4,0 | 4 | Q2H100L4D | Aluminium | 191 | 400 | 1xM25 | 140 | 160 | 100 | 243 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 30*47*7 | 200 | 130 | 165 | - | M10 |
| 5,5 | 2 | Q2HS112M2C | Aluminium | 191 | 399 | 1xM25 | 140 | 190 | 112 | 254 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 200 | 130 | 165 | - | M10 |
| 5,5 | 4 | Q2H112M4D | Aluminium | 210 | 421 | 1xM25 | 140 | 190 | 112 | 265 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6206-ZZ | 30*47*7 | 30*47*7 | 200 | 130 | 165 | - | M10 |
| 7,5 | 2 | Q2HS112M2D | Aluminium | 191 | 421 | 1xM25 | 140 | 190 | 112 | 254 | 12 | 28 | 60 | 31,0 | 8 | 6306-ZZ | 6205-ZZ | 30*47*7 | 25*40*7 | 200 | 130 | 165 | - | M10 |
| 11,0 | 2 | Q2H132M2A | Aluminium | 260 | 481 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 250 | 180 | 215 | - | M12 |
| 11,0 | 4 | Q2H132M4D | Aluminium | 260 | 539 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 250 | 180 | 215 | - | M12 |
| 15,0 | 2 | Q2H132M2B | Aluminium | 260 | 539 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 250 | 180 | 215 | - | M12 |
| 15,0 | 4 | Q2H132M4E | Aluminium | 260 | 539 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 250 | 180 | 215 | - | M12 |
| 18,5 | 2 | Q2H132M2C | Aluminium | 260 | 539 | 1xM32 | 140-178 | 216 | 132 | 312 | 12 | 38 | 80 | 41,0 | 10 | 6208-ZZ | 6208-ZZ | 40*62*10 | 40*62*10 | 250 | 180 | 215 | - | M12 |

(1) Toleranslar 28 mm'ye kadar DIN EN 50347 "j6", 28 mm ve üzeri "k6" / Tolerance DIN EN 50347 "j6" up to 28mm, "k6" above 28mm

(2) DIN 6885'e göre / According to DIN 6885

(3) Tolerans DIN EN 50347 "j6" / Tolerance DIN EN 50347 "j6"

TR MOTOR PARÇA LİSTESİ

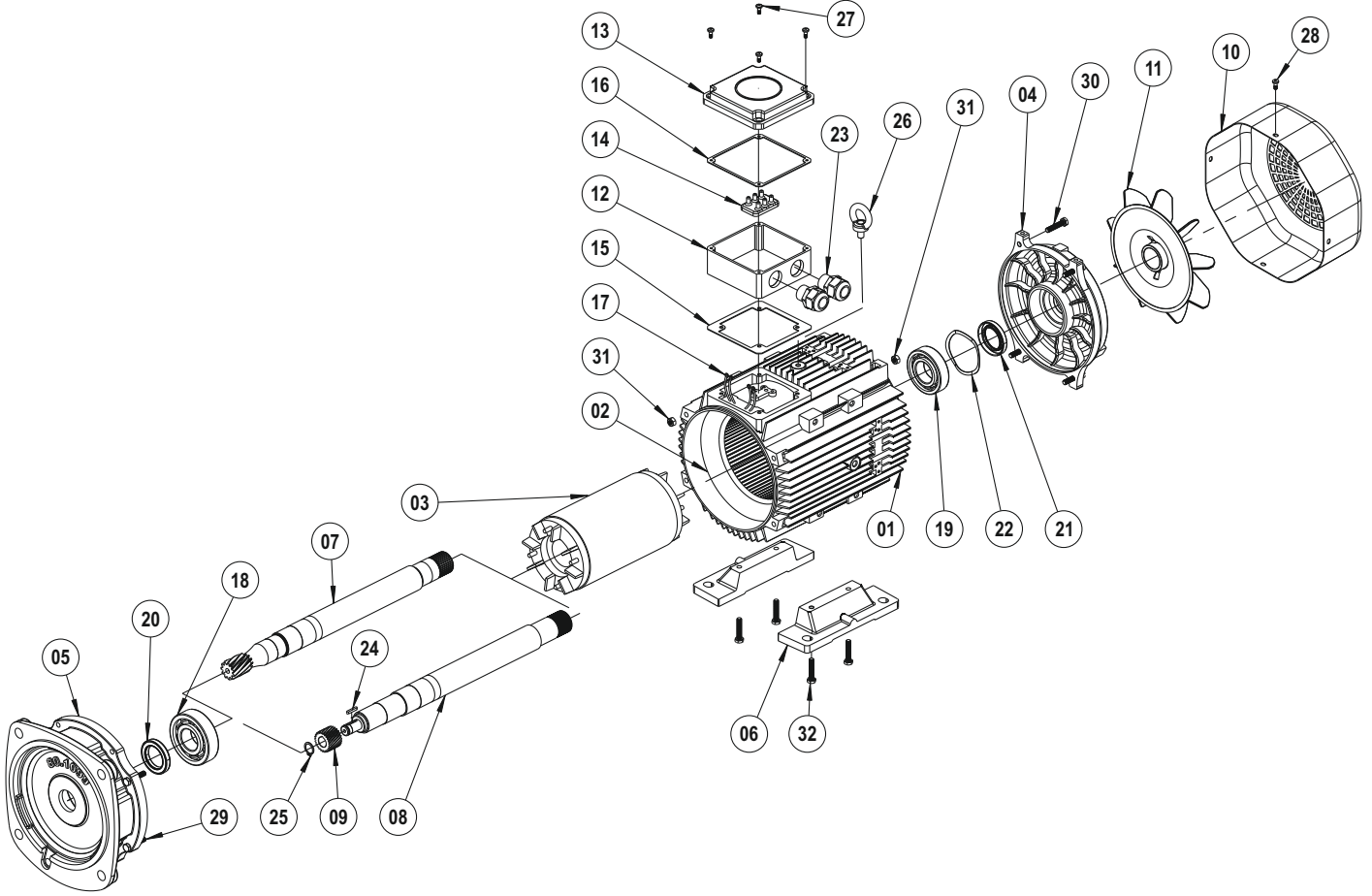
EN MOTOR PART LIST

DE ERSATZTEILLISTE FÜR MOTOR

IT ELENCO PARTI MOTORE

FR LISTE DES PIÈCES DU MOTEUR

ES LISTA DE PIEZAS DEL MOTOR



| | | | | | | |
|----|----------------------|------------------------------|----------------------------------|------------------------------------|--------------------------------|-----------------------------------|
| 01 | Gövde | Housing | Gehäuse | İnvolucro | corps | cuerpo |
| 02 | Sargılı Stator | Wound Stator | gewickelter Stator | Statore | Stator | Stator |
| 03 | Rotor | Rotor | Rotor | Rotore | Rotor | Rotor |
| 04 | Motor Arka Kapağı | Nondrive - Endshield | B-Lagerschild | Portellone motore | Portellone motore | Tapa trasera del motor |
| 05 | Motor Bağlantı Flaşı | Motor Connection Flange | Moter-Anschlussflansch | Flangia di collegamento del motore | Bride de raccordement moteur | Brida de conexión del motor |
| 06 | Ayak | Foot | Fuß | Piede | Pied | Pie |
| 07 | Motor Mili (Yekpare) | Drive Shaft (Gearcut) | Antriebswelle (verzahnt) | Albero motore (monolithic) | Arbre moteur (monolithique) | eje motor (monolítico) |
| 08 | Motor Mili (Çakma) | Drive Shaft (Plain) | Antriebswelle (glatt) | Albero motore (dritto) | Arbre moteur (lisse) | eje motor (suave) |
| 09 | Z1 Dişlisi | Z1 Gear | Antriebsritzel | Ingresso Pignone | Pignon d'entrée | Piñón de entrada |
| 10 | Fan Kapağı | Fan Cover | Lüfterhaube | Copriventola | Couvercle | versión de fan |
| 11 | Fan | Fan | Lüfter | Fan | Fan | Fan |
| 12 | Terminal Kutusu | Terminal Box | Klemmkasten | Morsettiara | Boîte à bornes | Caja de terminales |
| 13 | Terminal Kutu Kapağı | Terminal Box Cover | Klemmkastendeckel | Coperchio della morsettiara | Couvercle de la boîte à bornes | Cubierta de la caja de terminales |
| 14 | Klemens Plakası | Terminal Plate | Anschlussplatte | Piastra terminale | Plaque à bornes | Placa de terminales |
| 15 | Terminal Contası Alt | Terminal Gasket Down | Klemmkastendichtung unten | Sigillo terminale - giù | Joint de borne - bas | Junta de terminal - inferior |
| 16 | Terminal Contası Üst | Terminal Gasket Up | Klemmkastendichtung oben | Sigillo terminale - su | Joint de borne - haut | Junta de terminal - superior |
| 17 | Kablo Grubu | Lead Cables | Kabelbaum | Cavi di piombo | Câbles de plomb | Cables de plomo |
| 18 | Ön Rulman | Bal Bearing (Drive-Side) | Kugellager (Antriebsseite) | Cuscinetto (fronte) | Roulement (avant) | Cojinete (delantero) |
| 19 | Arka Rulman | Bal Bearing (Non-Drive-Side) | Kugellager (Nicht-Antriebsseite) | Cuscinetto (retro) | Roulement (arrière) | Cojinete (trasero) |
| 20 | Keçe (Ön) | Seal Ring (Front) | Dichtungsring (Vorne) | Anello di tenuta (anteriore) | Bague d'étanchéité (avant) | Anillo de sellado (delantero) |
| 21 | Keçe (Arka) | Seal Ring (Back) | Dichtungsring (Hinten) | anello di tenuta (posteriore) | Bague d'étanchéité (arrière) | Anillo de sellado (trasero) |
| 22 | Rulman Gergi Yayı | Bearing Shim | Stützscheibe | molla del cuscinetto | ressort de roulement | resorte rodante |
| 23 | Rakor | Conduit | Gewindemuffe | presa filettata | douille fileté | casquillo roscado |
| 24 | Kama | Key | Passfeder | Chiavetta | Clavette | Clave |
| 25 | Segman | Circlip DIN 471 | Sicherungsring DIN 471 | Anello di sicurezza DIN 471 | Circlip DIN 471 | Anillo de seguridad DIN 471 |
| 26 | Mapa | Eye Bolt | Augenschraube | vite ad anello | anneau de levage | Perno de anilla |
| 27 | Yıldız Başlı Civata | Pan Head Screws | Kreuzschlitzschraube | Viti a Stella | Vis étoile | tornillo de estrella |
| 28 | Yıldız Başlı Civata | Pan Head Screws | Kreuzschlitzschraube | Viti a Stella | Vis étoile | tornillo de estrella |
| 29 | Civata DIN 933 | Bolt | Schraube DIN 933 | Bullone | Boulonner | Atornillar |
| 30 | Civata DIN 933 | Bolt | Schraube DIN 933 | Bullone | Boulonner | Atornillar |
| 31 | Somun | Nut | Schraubenmutter | Dado | Ecrou | Tuerca |
| 32 | Civata DIN 933 | Bolt | Schraube DIN 933 | Bullone | Boulonner | Atornillar |

TR FRENLİ MOTOR PARÇA LİSTESİ

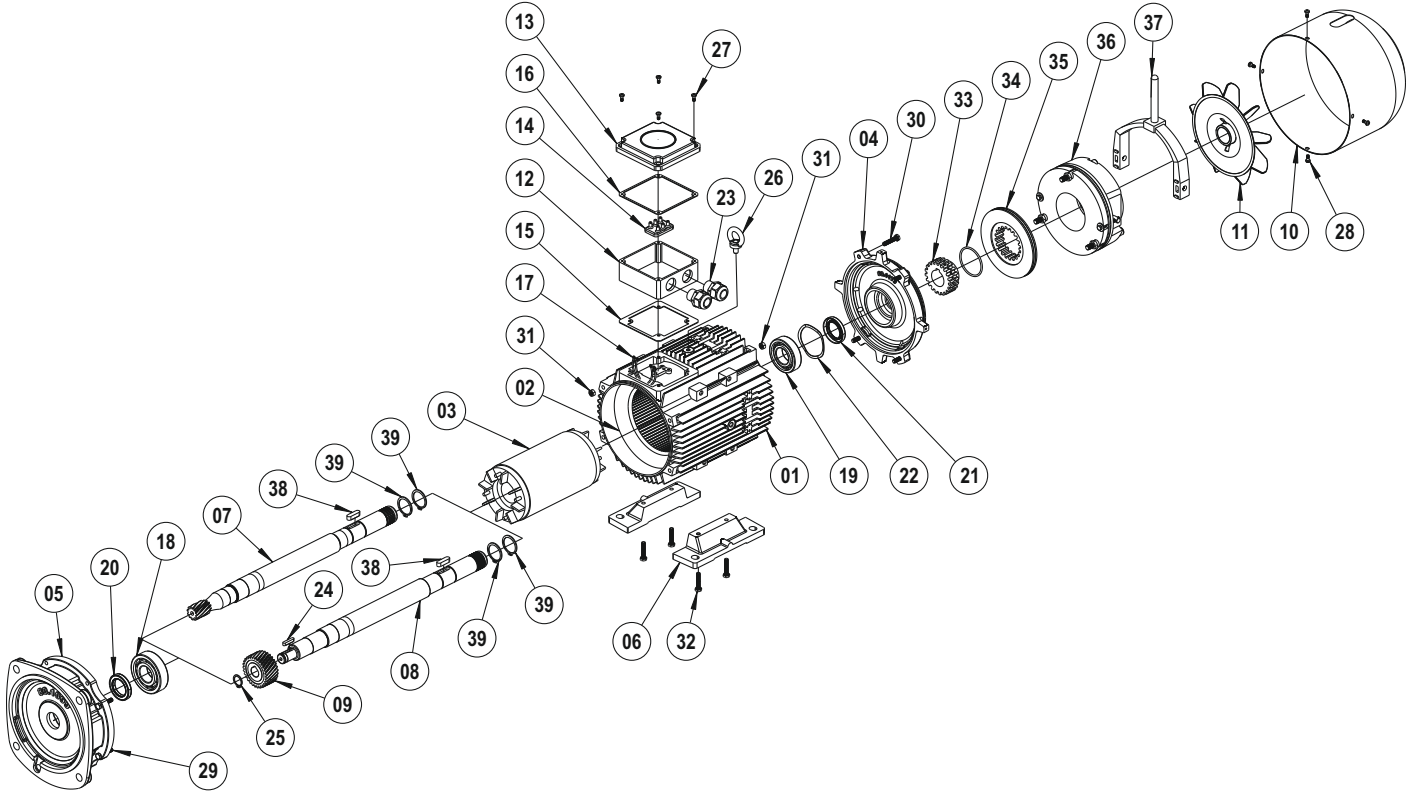
EN BRAKE MOTOR PART LIST

DE ERSATZTEILLISTE FÜR MOTOR MIT BREMSE

IT ELENCO DELLE PARTI DEL MOTORE DEL FRENO

FR LISTE DES PIÈCES DU MOTEUR DE FREIN

ES LISTA DE PIEZAS DEL MOTOR DE FRENO



| | | | | | | |
|----|-----------------------|------------------------------|----------------------------------|------------------------------------|--------------------------------|-----------------------------------|
| 01 | Gövde | Housing | Gehäuse | Involucro | corps | cuerpo |
| 02 | Sargılı Stator | Wound Stator | gewickelter Stator | Statore | Stator | Stator |
| 03 | Rotor | Rotor | Rotor | Rotore | Rotor | Rotor |
| 04 | Fren Flanşı | Brake Connection Flange | Bremsflansch | Flangia di collegamento del freno | Bride de connexion de frein | Brida de conexión de freno |
| 05 | Motor Bağlantı Flanşı | Motor Connection Flange | Moter-Anschlussflansch | Flangia di collegamento del motore | Bride de raccordement moteur | Brida de conexión del motor |
| 06 | Ayak | Foot | Fuß | Piede | Pied | Pie |
| 07 | Motor Mili (Yekpare) | Drive Shaft (Gearcut) | Antriebswelle (verzahnt) | Albero motore (monolithic) | Arbre moteur (monolithique) | eje motor (monolítico) |
| 08 | Motor Mili (Çakma) | Drive Shaft (Plain) | Antriebswelle (glatt) | Albero motore (dritto) | Arbre moteur (lisse) | eje motor (suave) |
| 09 | Z1 Dişlisi | Z1 Gear | Antriebsritzel | Ingresso Pignone | Pignon d'entrée | Piñón de entrada |
| 10 | Fan Kapağı | Fan Cover | Lüfterhaube | Copriventola | Couvercle | versión de fan |
| 11 | Fan | Fan | Lüfter | Fan | Fan | Fan |
| 12 | Terminal Kutusu | Terminal Box | Klemmkasten | Morsettiara | Boîte à bornes | Caja de terminales |
| 13 | Terminal Kutu Kapağı | Terminal Box Cover | Klemmkastendeckel | Coperchio della morsettiara | Couvercle de la boîte à bornes | Cubierta de la caja de terminales |
| 14 | Klemens Plakası | Terminal Plate | Anschlussplatte | Plastra terminale | Plaque à bornes | Placa de terminales |
| 15 | Terminal Contası Alt | Terminal Gasket Down | Klemmkastendichtung unten | Sigillo terminale - giù | Joint de borne - bas | Junta de terminal - inferior |
| 16 | Terminal Contası Üst | Terminal Gasket Up | Klemmkastendichtung oben | Sigillo terminale - su | Joint de borne - haut | Junta de terminal - superior |
| 17 | Kablo Grubu | Lead Cables | Kabelbaum | Cavi di piombo | Câbles de plomb | Cables de plomo |
| 18 | Ön Rulman | Bal Bearing (Drive-Side) | Kugellager (Antriebsseite) | Cuscinetto (fronte) | Roulement (avant) | Cojinete (delantero) |
| 19 | Arka Rulman | Bal Bearing (Non-Drive-Side) | Kugellager (Nicht-Antriebsseite) | Cuscinetto (retro) | Roulement (arrière) | Cojinete (trasero) |
| 20 | Keçe (Ön) | Seal Ring (Front) | Dichtungsring (Vorne) | Anello di tenuta (anteriore) | Bague d'étanchéité (avant) | Anillo de sellado (delantero) |
| 21 | Keçe (Arka) | Seal Ring (Back) | Dichtungsring (Hinten) | anello di tenuta (posteriore) | Bague d'étanchéité (arrière) | Anillo de sellado (trasero) |
| 22 | Rulman Gergi Yayı | Bearing Shim | Stützscheibe | molla del cuscinetto | ressort de roulement | resorte rodante |
| 23 | Rakor | Conduit | Gewindemuffe | presa filettata | douille fileté | casquillo roscado |
| 24 | Kama | Key | Passfeder | Chiavetta | Clavette | Clave |
| 25 | Segman | Circlip DIN 471 | Sicherungsring DIN 471 | Anello di sicurezza DIN 471 | Circlip DIN 471 | Anillo de seguridad DIN 471 |
| 26 | Mapa | Eye Bolt | Augenschraube | vite ad anello | anneau de levage | Perno de anilla |
| 27 | Yıldız Başlı Civata | Pan Head Screws | Kreuzschlitzschraube | Viti a Stella | Vis étoile | tornero de estrella |
| 28 | Yıldız Başlı Civata | Pan Head Screws | Kreuzschlitzschraube | Viti a Stella | Vis étoile | tornero de estrella |
| 29 | Civata DIN 933 | Bolt | Schraube DIN 933 | Bullone | Boulonner | Atornillar |
| 30 | Civata DIN 933 | Bolt | Schraube DIN 933 | Bullone | Boulonner | Atornillar |
| 31 | Somun | Nut | Schraubenmutter | Dado | Ecrou | Tuerca |
| 32 | Civata DIN 933 | Bolt | Schraube DIN 933 | Bullone | Boulonner | Atornillar |
| 33 | Fren Kaplini | Coupling | Kupplung | Accoppiamento | Couplage | Acoplamiento |
| 34 | O-Ring | O-Ring | O-Ring | O-Ring | O-Ring | O-Ring |
| 35 | Fren Balatası | Brake Lining | Bremsbelag | Guarnizioni dei freni | Garniture de frein | Romper el forro |
| 36 | Fren | Brake | Bremse | freno | Frein | Freno |
| 37 | Manuel Kolu | Hand Release | Handauslöser | Leva manuale | Levier manuel | Palanca manual |
| 38 | Kama | Key | Passfeder | Chiavetta | Clavette | Clave |
| 39 | Segman DIN 471 | Circlip DIN 471 | Sicherungsring DIN 471 | Anello di sicurezza DIN 471 | Circlip DIN 471 | Anillo de seguridad DIN 471 |

TR B3-B5-B14 FLANŞLI MOTOR
PARÇA LİSTESİ

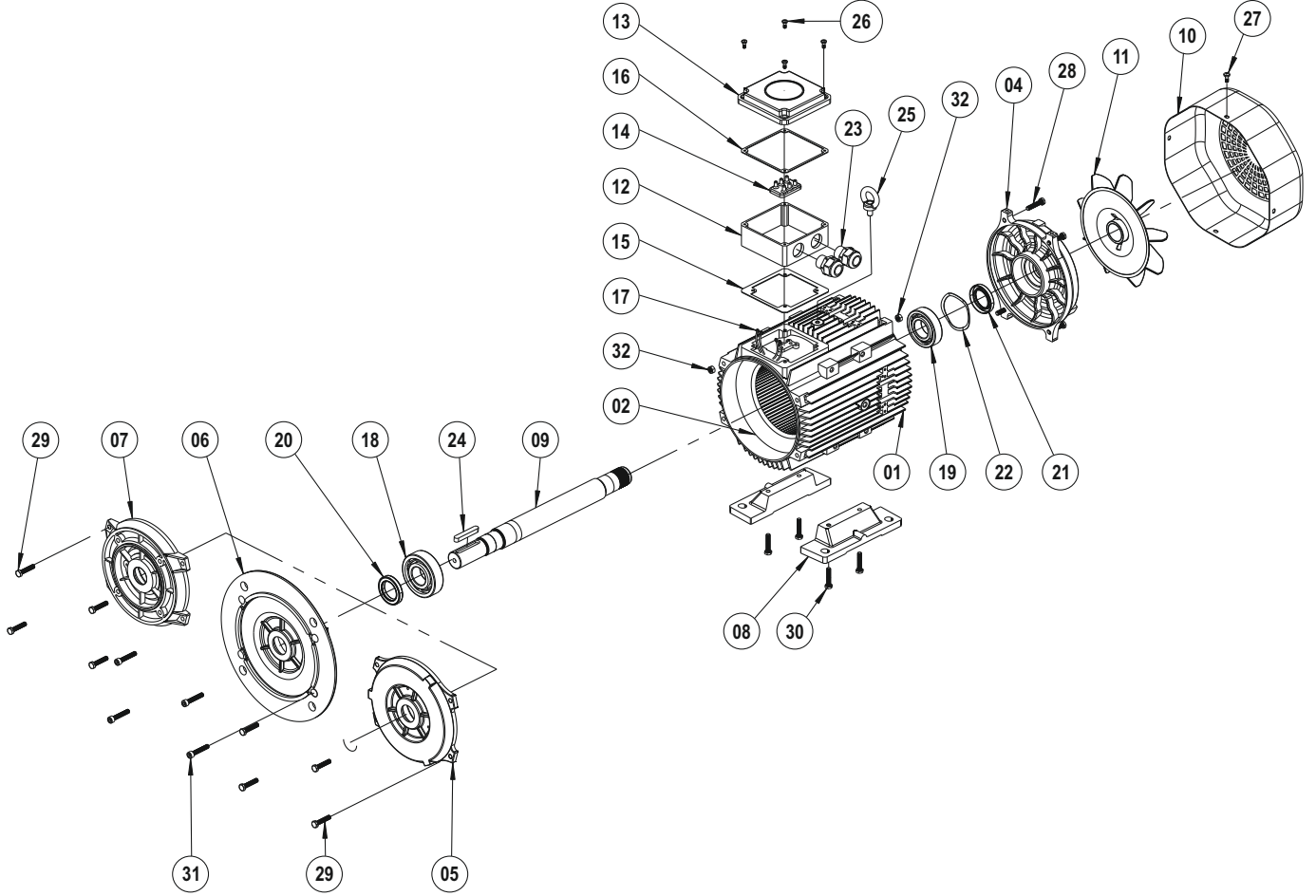
EN B3-B5-B14 FLANGE MOTOR PART LIST

DE ERSATZTEILLISTE FÜR MOTOR
MIT B3-B5-B14-FLANSCH

IT B3-B5-B14 ELENCO PARTI
MOTORE FLANGIA

FR LISTE DES PIÈCES DU MOTEUR
À BRIDE B3-B5-B14

ES B3-B5-B14 LISTA DE PIEZAS DEL
MOTOR CON BRIDA

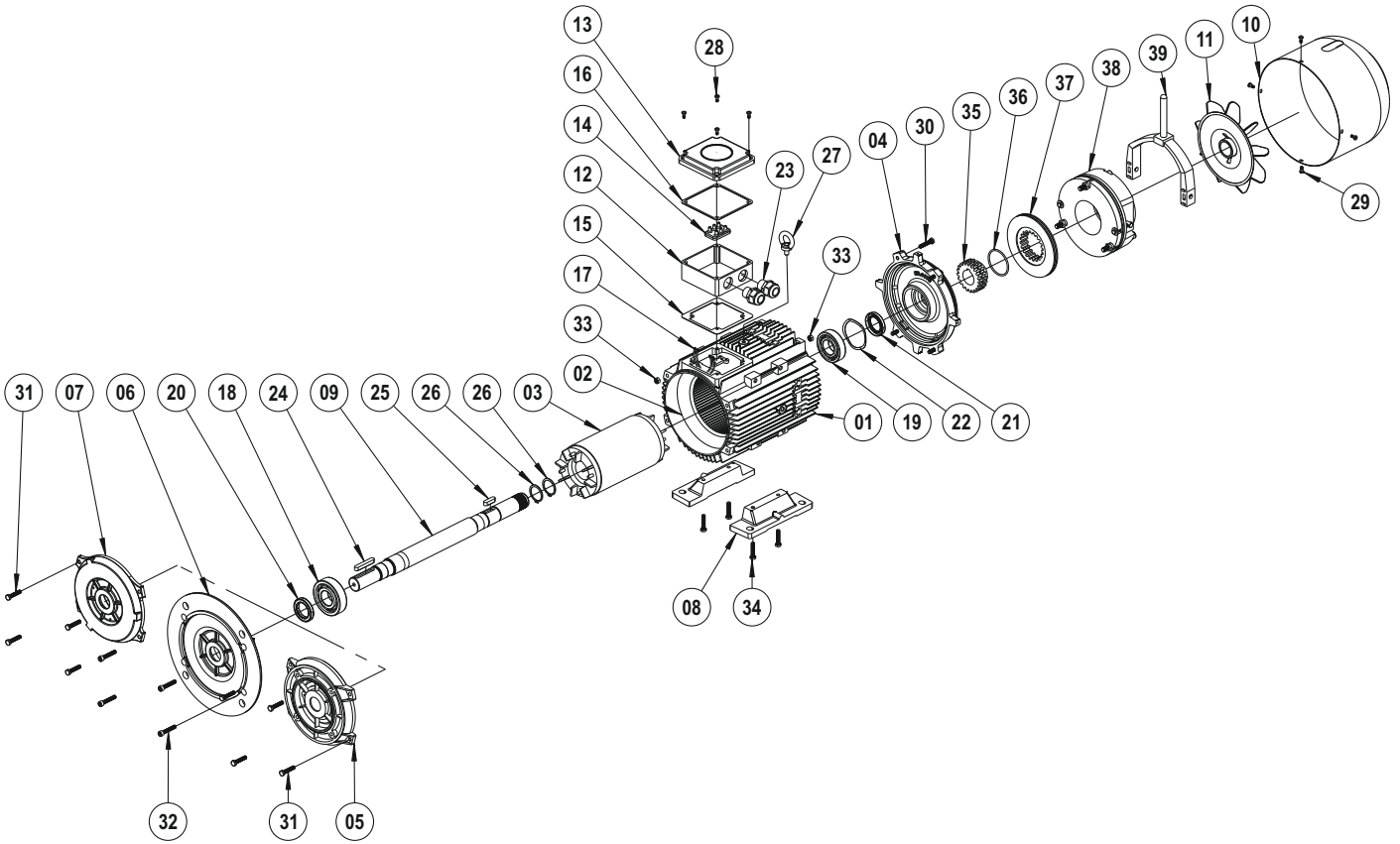


| | | | | | | |
|----|---------------------------|------------------------------|----------------------------------|-------------------------------|--------------------------------|-----------------------------------|
| 01 | Gövde | Housing | Gehäuse | Involucro | corps | cuerpo |
| 02 | Sargılı Stator | Wound Stator | gewickelter Stator | Statore | Stator | Stator |
| 03 | Rotor | Rotor | Rotore | Rotore | Rotor | Rotor |
| 04 | Motor Arka Kapağı | Nondrive - Endshield | B-Lagerschild | Portellone motore | Portellone motore | Tapa trasera del motor |
| 05 | B3 Motor Bağlantı Flanşı | B3 Flange | B3 Flansch | Flangia B3 | Bride B3 | Brida B3 |
| 06 | B5 Motor Bağlantı Flanşı | B5 Flange | B5 Flansch | Flangia B5 | Bride B5 | Brida B5 |
| 07 | B14 Motor Bağlantı Flanşı | B14 Flange | B14 Flansch | Flangia B14 | Bride B14 | Brida B14 |
| 08 | Ayak | Foot | Fuß | Piede | Pied | Pie |
| 09 | Motor Mili (Standart) | Drive Shaft (standard) | Antriebswelle (standart) | Albero motore (standard) | Arbre moteur (la norme) | eje motor (estándar) |
| 10 | Fan Kapağı | Fan Cover | Lüfterhaube | Copriventola | Couvercle | versión de fan |
| 11 | Fan | Fan | Lüfter | Fan | Fan | Fan |
| 12 | Terminal Kutusu | Terminal Box | Klemmkasten | Morsettiera | Boîte à bornes | Caja de terminales |
| 13 | Terminal Kutu Kapağı | Terminal Box Cover | Klemmkastendeckel | Coperchio della morsettiera | Couvercle de la boîte à bornes | Cubierta de la caja de terminales |
| 14 | Klemens Plakası | Terminal Plate | Anschlussplatte | Piastra terminale | Plaque à bornes | Placa de terminales |
| 15 | Terminal Contası Alt | Terminal Gasket Down | Klemmkastendichtung unten | Sigillo terminale - giù | Joint de borne - bas | Junta de terminal - inferior |
| 16 | Terminal Contası Üst | Terminal Gasket Up | Klemmkastendichtung oben | Sigillo terminale - su | Joint de borne - haut | Junta de terminal - superior |
| 17 | Kablo Grubu | Lead Cables | Kabelbaum | Cavi di piombo | Câbles de plomb | Cables de plomo |
| 18 | Ön Rulman | Bal Bearing (Drive-Side) | Kugellager (Antriebsseite) | Cuscinetto (fronte) | Roulement (avant) | Cojinete (delantero) |
| 19 | Arka Rulman | Bal Bearing (Non-Drive-Side) | Kugellager (Nicht-Antriebsseite) | Cuscinetto (retro) | Roulement (arrière) | Cojinete (trasero) |
| 20 | Keçe (Ön) | Seal Ring (Front) | Dichtungsring (Vorne) | Anello di tenuta (anteriore) | Bague d'étanchéité (avant) | Anillo de sellado (delantero) |
| 21 | Keçe (Arka) | Seal Ring (Back) | Dichtungsring (Hinten) | anello di tenuta (posteriore) | Bague d'étanchéité (arrière) | Anillo de sellado (trasero) |
| 22 | Rulman Gergi Yayı | Bearing Shim | Stützscheibe | molla del cuscinetto | ressort de roulement | resorte rodante |
| 23 | Rakor | Conduit | Gewindemuffe | presa filettata | douille fileté | casquillo roscado |
| 24 | Kama | Key | Passfeder | Chiavetta | Clavette | Clave |
| 25 | Mapa | Eye Bolt | Augenschraube | vite ad anello | anneau de levage | Perno de anilla |
| 26 | Yıldız Başlı Civata | Pan Head Screws | Kreuzschlitzschraube | Viti a Stella | Vis étoile | tornillo de estrella |
| 27 | Yıldız Başlı Civata | Pan Head Screws | Kreuzschlitzschraube | Viti a Stella | Vis étoile | tornillo de estrella |
| 28 | Civata DIN 933 | Bolt | Schraube DIN 933 | Bullone | Boulonner | Atornillar |
| 29 | Civata DIN 933 | Bolt | Schraube DIN 933 | Bullone | Boulonner | Atornillar |
| 30 | Civata DIN 933 | Bolt | Schraube DIN 933 | Bullone | Boulonner | Atornillar |
| 31 | Civata DIN 912 | Bolt | Schraube DIN 912 | Bullone | Boulonner | Atornillar |
| 32 | Somun | Nut | Schraubenmutter | Dado | Ecrou | Tuerca |

TR FRENLİ B3-B5-B14 FLANŞLI MOTOR PARÇA LİSTESİ
IT FRENO B3-B5-B14 ELENCO PARTI MOTORE FLANGIA

EN BRAKE B3-B5-B14 FLANGE MOTOR PART LIST
FR FREIN B3-B5-B14 BRIDE MOTEUR LISTE DES PIÈCES

DE ERSATZTEILLISTE FÜR MOTOR MIT BREMSE UND B3-B5-B14-FLANSCH
ES FRENO B3-B5-B14 BRIDA LISTA DE PIEZAS DEL MOTOR

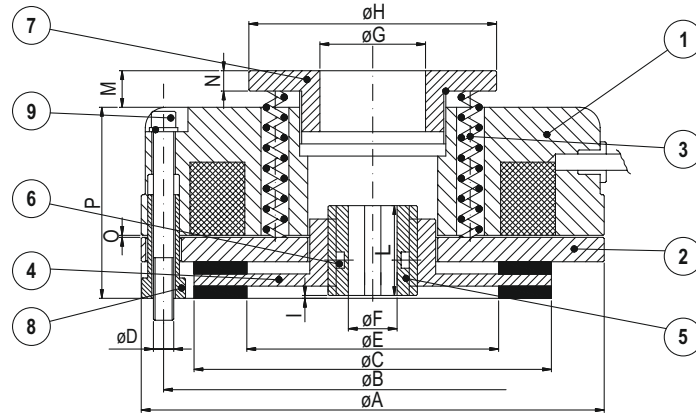


| | | | | | | |
|----|---------------------------|------------------------------|----------------------------------|-----------------------------------|--------------------------------|-----------------------------------|
| 01 | Gövde | Housing | Gehäuse | Involucro | corps | cuerpo |
| 02 | Sargılı Stator | Wound Stator | gewickelter Stator | Statore | Stator | Stator |
| 03 | Rotor | Rotor | Rotor | Rotore | Rotor | Rotor |
| 04 | Fren Flanşı | Brake Connection Flange | Bremsflansch | Flangia di collegamento del freno | Bride de connexion de frein | Brida de conexión de freno |
| 05 | B3 Motor Bağlantı Flanşı | B3 Flange | B3 Flansch | Flangia B3 | Bride B3 | Brida B3 |
| 06 | B5 Motor Bağlantı Flanşı | B5 Flange | B5 Flansch | Flangia B5 | Bride B5 | Brida B5 |
| 07 | B14 Motor Bağlantı Flanşı | B14 Flange | B14 Flansch | Flangia B14 | Bride B14 | Brida B14 |
| 08 | Ayak | Foot | Fuß | Piede | Pied | Pie |
| 09 | Motor Mili (Standart) | Drive Shaft (standard) | Antriebswelle (standart) | Albero motore (standard) | Arbre moteur (la norme) | eje motor (estándar) |
| 10 | Fan Kapağı | Fan Cover | Lüfterhaube | Coperchiotola | Couvercle | versión de fan |
| 11 | Fan | Fan | Lüfter | Fan | Fan | Fan |
| 12 | Terminal Kutusu | Terminal Box | Klemmkasten | Morsettiera | Boîte à bornes | Caja de terminales |
| 13 | Terminal Kutu Kapağı | Terminal Box Cover | Klemmkastendeckel | Coperchio della morsettiera | Couvercle de la boîte à bornes | Cubierta de la caja de terminales |
| 14 | Klemens Plakası | Terminal Plate | Anschlussplatte | Piastra terminale | Plaque à bornes | Placa de terminales |
| 15 | Terminal Contası Alt | Terminal Gasket Down | Klemmkastendichtung unten | Sigillo terminale - giù | Joint de borne - bas | Junta de terminal - inferior |
| 16 | Terminal Contası Üst | Terminal Gasket Up | Klemmkastendichtung oben | Sigillo terminale - su | Joint de borne - haut | Junta de terminal - superior |
| 17 | Kablo Grubu | Lead Cables | Kabelbaum | Cavi di piombo | Câbles de plomb | Cables de plomo |
| 18 | Ön Rulman | Bal Bearing (Drive-Side) | Kugellager (Antriebsseite) | Cuscinetto (fronte) | Roulement (avant) | Cojinete (delantero) |
| 19 | Arka Rulman | Bal Bearing (Non-Drive-Side) | Kugellager (Nicht-Antriebsseite) | Cuscinetto (retro) | Roulement (arrière) | Cojinete (trasero) |
| 20 | Keçe (Ön) | Seal Ring (Front) | Dichtungsring (Vorne) | Anello di tenuta (anteriore) | Bague d'étanchéité (avant) | Anillo de sellado (delantero) |
| 21 | Keçe (Arka) | Seal Ring (Back) | Dichtungsring (Hinten) | anello di tenuta (posteriore) | Bague d'étanchéité (arrière) | Anillo de sellado (trasero) |
| 22 | Rulman Gergi Yayı | Bearing Shim | Stützscheibe | molla del cuscinetto | ressort de roulement | resorte rodante |
| 23 | Rakor | Conduit | Gewindemuffe | presa filettata | douille fileté | casquillo roscado |
| 24 | Kama | Key | Passfeder | Chiavetta | Clavette | Clave |
| 25 | Kama | Key | Passfeder | Chiavetta | Clavette | Clave |
| 26 | Segman | Circlip DIN 471 | Sicherungsring DIN 471 | Anello di sicurezza DIN 471 | Circlip DIN 471 | Anillo de seguridad DIN 471 |
| 27 | Mapa | Eye Bolt | Augenschraube | vite ad anello | anneau de levage | Perno de anilla |
| 28 | Yıldız Başlı Civata | Pan Head Screws | Kreuzschlitzschraube | Viti a Stella | Vis étoile | tornillo de estrella |
| 29 | Yıldız Başlı Civata | Pan Head Screws | Kreuzschlitzschraube | Viti a Stella | Vis étoile | tornillo de estrella |
| 30 | Civata DIN 933 | Bolt | Schraube DIN 933 | Bullone | Boulonner | Atornillar |
| 31 | Civata DIN 933 | Bolt | Schraube DIN 933 | Bullone | Boulonner | Atornillar |
| 32 | Civata DIN 912 | Bolt | Schraube DIN 912 | Bullone | Boulonner | Atornillar |
| 33 | Somun | Nut | Schraubenmutter | Dado | Ecrou | Tuerca |
| 34 | Civata DIN 933 | Bolt | Schraube DIN 933 | Bullone | Boulonner | Atornillar |
| 35 | Fren Kaplini | Coupling | Kupplung | Accoppiamento | Couplage | Acoplamiento |
| 36 | O-Ring | O-Ring | O-Ring | O-Ring | O-Ring | O-Ring |
| 37 | Fren Balatası | Brake Lining | Bremsbelag | Guarnizioni dei freni | Garniture de frein | Romper el forro |
| 38 | Fren | Brake | Bremse | freno | Frein | Freno |
| 39 | Manuel Kolu | Hand Release | Handauslöser | Leva manuale | Levier manuel | Palanca manual |

TR FREN PARÇA LİSTESİ
IT ELENCO DELLE PARTI DEL FRENO

EN BRAKE PART LIST
FR LISTE DES PIÈCES DE FREIN

DE BREMSE-TEILELISTE
ES LISTA DE PIEZAS DE FRENO



- | | | | | | |
|-----------------------|----------------|-------------------|-----------------------|--------------------|-----------------------|
| 1 Elektromagnet | Electromagnet | Elektromagnet | Elettromagnete | Électro-aimant | Electroimán |
| 2 Endüvi plakası | Armature plate | Ankerplatte | Piastra dell'armatura | Plaque d'induit | Placa de armadura |
| 3 Tork yayı | Torque springs | Bremsfeder | Molle di coppia | Ressorts de couple | Muelles de torsión |
| 4 Disk | Disc | Scheibe | Disco | Disque | Dto |
| 5 Kamalı burç | Splined hub | Nabe | Mozzo scanalato | Moyeu cannelé | Cubo estriado |
| 6 O-ring | O-ring | O-Ring | O-ring | O-ring | O-ring |
| 7 Ayar halkası | Adjuster rings | Einstellring | Anelli di regolazione | Anneaux de réglage | Anillos de ajuste |
| 8 Ayar somunu | Adjuster nuts | Einstellschraube | Dadi di regolazione | Écrous de réglage | Tuercas de ajuste |
| 9 Bağlantı civataları | Fixing screws | Feststellschraube | Viti di fissaggio | Vis de fixation | Tornillos de fijación |

| Tip / Type / Typ / Tipo / Type / Tipo Fren Modeli / Brake Model / Bremsmodell / Modello di freno / Modèle de frein / Modelo de freno | K1 | K2 | K3 | K4 | K5 | K6 | K7 | K7/D | K8 | K8/D | K9 | K9/D | K9/T | |
|--|---------|-------------|-------------|-------|-------|-------------|-------------|-------------|------------------|-------|--------------|-------------|-------------|----------------|
| Statik Fren Momenti / Static Braking Torque / Statisches Bremsmoment / Coppia frenante statica / Couple de freinage statique / Par de frenado estático | (Nm) | 5 | 12 | 16 | 20 | 40 | 60 | 90 | 180 | 200 | 400 | 300 | 600 | 900 |
| Motorun Max. Hızı / Max Speed of the motor / Höchstgeschwindigkeit des Motors / Velocità massima del motore / Vitesse max. du moteur / Velocidad máxima del motor | (rpm) | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 1500 | 1500 | 1500 | 1500 | 1500 |
| Giriş Gücü / Input Power / Eingangsleistung / Potenza di ingresso / La puissance d'entrée / Potencia de entrada | (W) | 15 | 20 | 25 | 30 | 45 | 50 | 55 | 55 | 60 | 60 | 65 | 65 | 65 |
| Max. Ses / Max noisiness / Maximale lautheit / Rumorosità massima / Bruit maximum / Máximo ruido | (≤dB-A) | 68 | 69 | 68 | 69 | 70 | 70 | 70 | 70 | 70 | 69 | 69 | 69 | 70 |
| Ağırlık / Weight / Gewicht / peso / poids / peso | (Kg.) | 1,1 | 1,85 | 2,55 | 2,84 | 4,8 | 7 | 12 | 15 | 14,3 | 18 | 23 | 28 | 34 |
| A | | 84 | 104 | 114 | 124 | 148 | 159 | 189 | 189 | 218 | 218 | 248 | 248 | 248 |
| B | | 72 | 90 | 103 | 112 | 132 | 145 | 170 | 170 | 196 | 196 | 230 | 230 | 230 |
| C | | 61 | 77 | 88 | 98 | 119 | 128 | 151 | 151 | 176 | 176 | 204 | 204 | 204 |
| D | | 3xM4 | 3xM5 | 3xM5 | 3xM6 | 3xM6 | 3xM8 | 3xM8 | 3xM8 | 6xM10 | 6xM10 | 6xM10 | 6xM10 | 9xM10 |
| Delik toleransı K3'e kadar H7, diğerleri + 0,01/-0,01 Tolerance hole till size K3 H7, others + 0,01/-0,01 Bohrungstoleranz bis Grösse K3 H7, andere + 0,01/-0,01 Tolleranza foro fino alla misura K3 H7, altri + 0,01/-0,01 Tolérance trou jusqu'à la taille K3 H7, autres + 0,01/-0,01 Tolerancia agujero hasta tamaño K3 H7, otros + 0,01/-0,01 | E | 35 | 44 | 62 | 69 | 79 | 80 | 90 | 90 | 103 | 103 | 132 | 132 | 132 |
| F | | 10-11 12 | 11-14 15 | 11-15 | 14-25 | 24-25 28 | 25-30 34 | 25-30 34 | 25 H40 34 H60 | 24-34 | 34 H60 48 | 44-45 48 | 44-45 48 | 44-45 48-50 |
| G | | 20 | 26 | 26 | 42 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| H | | 50 | 61 | 61 | 79 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 | 104 |
| I | | 1,5 | 1,5 | 1,5 | 1,5 | 1,5 | 1,5 | 1,5 | 1,5 | 1,5 | 1,5 | 1,5 | 1,5 | 1,5 |
| L | | 18 | 20 | 20 | 20 | 25 | 30 | 30 | 60 | 40 | 60 | 40 | 60 | 80 |
| M (max) | | 9 | 9 | 9 | 9,5 | 18 | 16 | 14 | 14 | 18 | 18 | 18 | 18 | 18 |
| N | | 4 | 4 | 4 | 5,5 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| O | | 0,2 | 0,2 | 0,2 | 0,2 | 0,3 | 0,3 | 0,3 | 0,3 | 0,3 | 0,4 | 0,4 | 0,4 | 0,4+0,5 |
| P | | 38,5 | 41,5 | 47 | 46,5 | 64 | 69,5 | 79 | 101,5 | 78 | 98 | 80 | 105 | 130 |

Not : Fren çalıştırılmadan önce statik fren momenti tabloda verilen değerlere göre ± % 20 değişiklik gösterebilir.
Note : The brake before running in, the static braking torque value could change by +20% from the reported value.
Notizen : Bevor die Bremse eingefahren ist, kann das statische Bremsmoment um etwa ± 20 % vom Tabellenwert abweichen.
Nota : Il freno prima del rodaggio, il valore della coppia frenante statica potrebbe variare del +20% dal valore riportato.
Nota : Le frein avant rodage, la valeur du couple de freinage statique peut varier de +20% par rapport à la valeur reportée.
Nota : El valor del par de frenado estático antes de la puesta en marcha del freno podría cambiar en un +20 % con respecto al valor informado.



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