

# SITI

SPA

SOCIETÀ ITALIANA TRASMISSIONI INDUSTRIALI



## K - MK



**CATALOGO TECNICO - COMMERCIALE**



**TECHNICAL & COMMERCIAL CATALOGUE**



**TECHNISCHER HANDELSKATALOG**

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RIDUTTORI MOTORIDUTTORI VARIATORI CONTINUI MOTORI ELETTRICI C.A./C.C. GIUNTI ELASTICI
<hr/>
<b>SEDE e STABILIMENTO</b>
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## MANUFACTURER'S DATA

 SOCIETÀ ITALIANA TRASMISSIONI INDUSTRIALI ®
GEARBOXES GEARED MOTORS SPEED VARIATORS A.C./D.C. ELECTRIC MOTORS FLEXIBLE COUPLINGS
<hr/>
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## KENNZEICHNUNGSDATEN DES HERSTELLERS

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## CARATTERISTICHE GENERALI

### PREMESSA

Il presente catalogo è relativo ai variatori meccanici serie K-MK, costruiti dalla SITI SpA.

### FUNZIONAMENTO

Il variatore SITI è essenzialmente costituito da due piste centrali (1 e 2) tenute da un pacco di molle a tazza (3) e calettate sull'albero motore (4), da due piste planetarie esterne (5 e 6) fisse all'incastellatura e da un sufficiente numero da 3 a 6 di satelliti (7) sopportati mediante boccole (8) scorrevoli in senso radiale nel portasatelliti (9) che funge da raccogliitore di moto.

I satelliti (7) sono a contatto con le piste centrali (1 e 2), dalle quali ricevono il moto e con le piste planetarie esterne fisse (5 e 6). I satelliti così imbrigliati vengono ad assumere un doppio movimento, uno di rotazione intorno al proprio asse, l'altro di rivoluzione attorno alle piste planetarie esterne e raccolto dal portasatellite solidale con l'albero di lavoro.

La variazione del moto, nel campo di 1:5, si ottiene agendo sul volantino di comando (10), mediante il quale si sposta angolarmente la pista planetaria (6) appoggiata mediante la corona di sfere (12) sulla contropista con camme a metallo (11), tale spostamento, viene ad aumentare o a diminuire lo spazio tra le piste planetarie esterne (5 e 6), in modo da permettere lo spostamento radiale dei satelliti (7). Questi variando i punti di contatto tra le piste, modificano il moto relativo sul portasatelliti (9).

## GENERAL FEATURES

### INTRODUCTION

This catalogue is related to the mechanical variators type K-MK, manufactured by SITI.

### DESIGN AND OPERATION

**The SITI variator consists of two inner tracks (1 and 2) which are pressed together onto the satellite wheels (7) by cup springs (3) this sub-assembly is mounted onto the input drive shaft (4).**

**The number of satellite wheels (7) varies from three to six depending on the size of the variator. The outer tracks (5 and 6) also press on the satellite wheels (7), one track (5) is fixed to the main body, the other track (6) h'as limited rotational and longitudinal movement relative to the ball race (12) and corresponding spring loaded static cam track (11). The speed variator is achieved by varying the point of contact made between the satellite wheels (7) tbc inner tracks (1 and 2) and outer tracks (5 and 6). To alter the point of contact the handwheel (10) is turned in either direction, this rotates the outer track (6) cam face against the ball race (12) and the fixed cam track (11) this opens or closes the gap between the outer tracks (5 and 6) and allows the satellite wheels (7) to move either inwards or outwards radially. This in turn varies the point of contact with the inner tracks and provided the method of achieving a speed ratio of 5:1.**

## ALLGEMEINE EIGENSCHAFTEN

### VORWORT

Der vorliegende Katalog bezieht sich auf die von SITI SpA hergestellten mechanischen Verstellgetriebe der Serie K-MK.

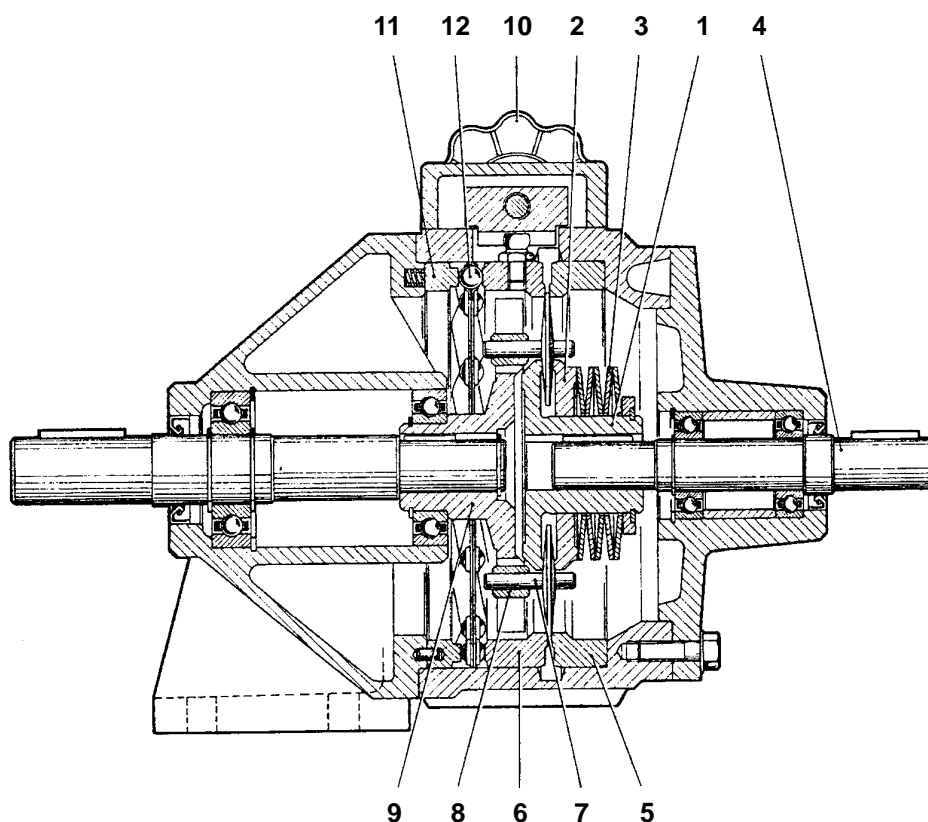
### FUNKTIONSBESCHREIBUNG

Das Verstellgetriebe von SITI besteht grundsätzlich aus zwei mit der Antriebswelle (4) verkeilten Innensonnen (1, 2) mit zwischenliegendem Tellerfederpaket (3), zwei feststehenden Außenringen (5, 6) und aus einer bestimmten Anzahl von 3 bis 6 Planeten (7) mit entsprechenden Gleitsteinen (8). Die Planeten sind radial im Planetenträger (9) gelagert, der das eigentliche Übertragungselement darstellt.

Die Planeten haben Kontakt mit den antreibenden Innensonnen (1, 2) und den feststehenden Außenringen (5, 6).

Die Planeten führen eine doppelte Bewegung aus, zum einen die Drehung um ihre eigene Achse, zum anderen den Umlauf um die Außenringe, wobei sie den mit der Antriebswelle verbundenen Planetenträger mitnehmen.

Die Drehzahlverstellung im Bereich 5:1 erfolgt durch die Verstellspindel (10), die das Verdrehen des Außenrings (6) bewirkt. Dieser ist über den Kugelfahrig (12) gegen den mit Kurven versehenen Außenring (11) gelagert. Das Verdrehen hat die Veränderung der Spaltbreite zwischen den Ringen (5, 6) und die Verkleinerung bzw. Vergrößerung der Planetenumlaufdurchmesser (7) zur Folge. Es ergeben sich somit neue Kontaktpunkte mit den Außenringen, also eine Drehzahlverstellung des Planetenträgers (9).



## VARIATORE CON DIFFERENZIALE

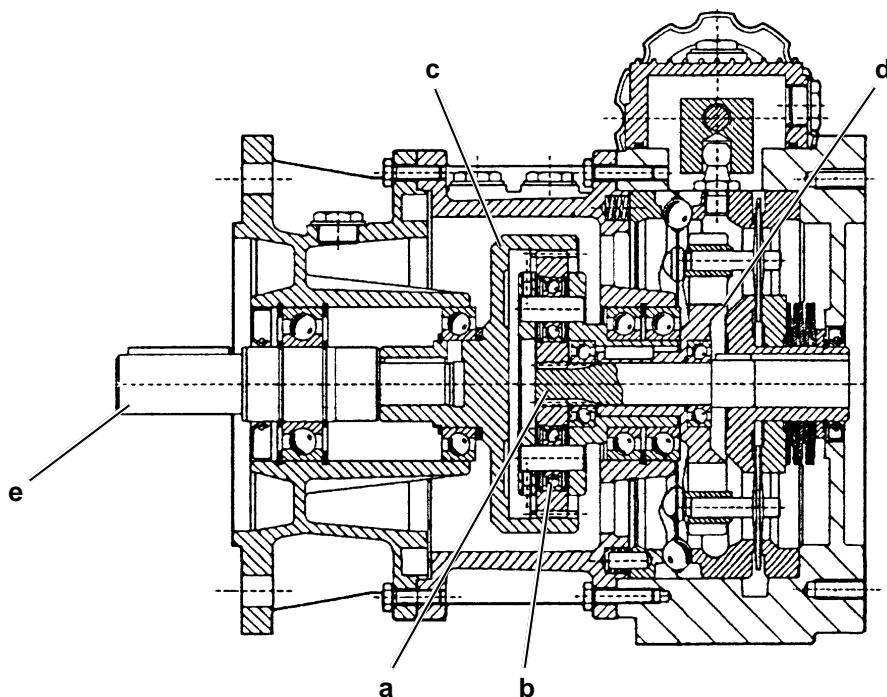
Il variatore meccanico K-MK corredato con un gruppo epicicloidale differenziale consente una variazione in uscita della velocità da 0 alla massima.

## DIFFERENTIAL VARIATOR

The mechanical variable speed drive K-MK complete with a differential gearbox permits an output speed from 0 to the maximum setting.

## REGELGETRIEBE MIT DIFFERENTIAL

Das mechanische Regelgetriebe K-MK, das mit einem Planetendifferentialtrieb ausgestattet ist, ermöglicht eine Ausgangsregelung der Geschwindigkeit zwischen 0 und der Höchstzahl.



Il variatore differenziale è essenzialmente uguale al variatore normale descritto precedentemente e dal quale si differenzia per l'aggiunta di un cinematisma differenziale ad ingranaggi.

La velocità di rotazione del motore, o dell'albero di ingresso viene trasmessa sia al meccanismo di variazione che al pignone solare del differenziale (a).

Il portasatelliti (d) è comune al variatore ed al differenziale e pertanto la sua rotazione trascina anche i satelliti differenziale (b). Il rapporto di trasmissione del differenziale è tale che, alla velocità minima del variatore, non vi è componente di rotazione alla corona del differenziale (c) e quindi l'albero di uscita (e) sarà fermo. Aumentando la velocità del variatore si determina una componente di rotazione alla corona differenziale (c) e quindi all'albero di uscita (e) che raggiungerà il suo massimo alla massima velocità del variatore.

A differential variator is essentially identical to the normal version already described. The only difference consists in the addition of a differential gear train.

Rotation speed of the motor, or of the input shaft, is transmitted both to the variator train and to the differential sun wheel (a).

The planet carrier (d) is shared by the variator and the differential unit so that it also drives the planet wheels of the differential (b). The transmission ratio of the differential is such that when the variator is running at minimum speed no rotation will be imparted to the differential annulus (c) so that the output shaft (e) will remain stationary. When the variator speed is increased a component of rotation is relayed to the differential annulus (c) and hence to the output shaft (e); this rotation achieves maximum speed when the variator is running at maximum speed.

Das Differentialregelgetriebe ist im wesentlichen gleich wie das normale Regelgetriebe, das vorher beschrieben wurde; es unterscheidet sich nur durch die Hinzufügung eines Differentialgetriebes.

Die Umdrehungsgeschwindigkeit des Motors oder der Eingangswelle wird sowohl an den Regelmechanismus als auch an das Sonnenritzel des Differentials (a) übertragen.

Das Regelgetriebe und das Differential haben die Planetenhalterung (d) gemeinsam, und deren Drehung nimmt somit auch die Planetenräder des Differentials (b) mit.

Das Übertragungsverhältnis des Differentials ist so, dass es bei der niedrigsten Geschwindigkeit des Reglers keine Drehkomponente am Kranz des Differentials (c) gibt, und somit bleibt die Ausgangswelle (e) stehen. Wenn die Geschwindigkeit des Reglers erhöht wird, entsteht eine Drehkomponente am Differentialkranz (c) und somit an der Ausgangswelle (e), die ihr Maximum bei der Höchstgeschwindigkeit des Reglers erreicht.

Il sistema variatore + differenziale mantiene inalterate le caratteristiche peculiari del variatore meccanico ed in particolare:

- Elevata coppia di spunto
- Coppia crescente sino a 2 volte la coppia nominale della massima alla minima velocità.
- Stabilità di velocità anche in prossimità di 0 rpm.
- Rendimento elevato.

The variator + differential unit arrangement does not alter any of the characteristic performances of a normal mechanical variator, and particularly:

- High starting torque
- Torque increase up to 2 times nominal torque at minimum speed
- Uniformity of speed also when output speed tends towards 0 rpm
- High efficiency.

Das System Regler plus Differential verändert die besonderen Eigenschaften des mechanischen Regelgetriebes nicht, im besonderen:

- Hohes Anlaufdrehmoment
- Steigendes Drehmoment, bis zu 2 mal das Nenndrehmoment beim Maximum der Mindestgeschwindigkeit
- Gleichmäßige Geschwindigkeit auch um die 0 Umdrehungen
- Hohe Leistung.

## TEMPERATURA DI FUNZIONAMENTO DEL VARIATORE DI VELOCITA' EPICICLOIDALE

Il variatore di velocità è un dispositivo che trasmette potenza tramite attrito ed il suo funzionamento è quindi sempre associato ad una produzione di calore.

La temperatura di funzionamento dipende essenzialmente dai seguenti fattori:

- 1) grandezza del variatore (MK2 - MK5 - MK10 - MK20 - MK30 - MK50 - MK100)
- 2) numero di giri in entrata al variatore
- 3) velocità di uscita del variatore
- 4) posizione di montaggio del variatore
- 5) temperatura ambiente
- 6) tipo di riduttore accoppiato

La "temperatura reale di funzionamento" viene raggiunta dal variatore dopo circa 200 - 300 ore di rodaggio, durante il quale raggiunge velocemente la temperatura massima per poi scendere gradualmente fino alla "temperatura reale di regime". La tabella che segue indica il valore medio dell'aumento di temperatura di regime  $\Delta t$  rispetto alla temperatura ambiente e relativamente alla posizione di montaggio B3/1U, motore a 4 poli e variatore regolato alla sua velocità massima.

## RUNNING TEMPERATURE OF THE EPICYCLOIDAL VARIATOR

The speed variator is an equipment that gives power through friction and its running principle is thus always associated to heat development.

The running temperature depends on the following factors:

- 1) variator size (MK2 - MK5 - MK10 - MK20 - MK30 - MK50 - MK100)
- 2) input speed
- 3) output speed
- 4) mounting positions of the variator
- 5) ambient temperature
- 6) kind of gearbox fitted, if any

The actual running temperature is reached by the variator after about 200-300 running hours, a time during which it reaches very quickly the maximum temperature, for then gradually going down to the actual temperature at regime. The following table gives the average value of the temperature increase  $\Delta t$  compared with the ambient temperature and related to the mounting position B3/1U, 4 poles motor and the variator set at its maximum speed.

Tipo variatore / Variator size / Verstelltriebegrösse	$\Delta t$
MK2	20 °C
MK5	20 °C
MK10	25 °C
MK20	25 °C
MK30	40 °C
MK50	40 °C
MK100	50 °C

Nella fase di rodaggio (prime 200-300 ore) gli aumenti di temperatura  $\Delta t$  possono essere superiori anche del 25%.

Nelle posizioni di montaggio V1 - V5 (posizione verticale con albero lento rivolto verso il basso) i valori di temperatura possono essere superiori anche del 10% rispetto a quelli rilevati in B3/1U, ciò a causa dell'aumentata quantità d'olio contenuto nel suo interno e per la diversa condizione di sbattimento del refrigerante.

Applicando un motore a 2 poli (solo fino alla grandezza 20) i valori di temperatura  $\Delta t$  possono aumentare del 25% rispetto alla tabella.

E' importante sottolineare come i dati sin qui trattati si riferiscono alla condizione più sfavorevole di funzionamento, cioè l'impiego del variatore alla sua velocità massima. Al decrescere della velocità di uscita del variatore la temperatura tende a diminuire sensibilmente.

### NOTA

I dati sin qui trattati si riferiscono ad un impiego del variatore secondo i valori di catalogo.

During running-in (as said, the first 200-300 hours) the temperature increase  $\Delta t$  can be higher than 25% compared with the values of the above table. In the mounting positions V1 - V5 (upright position with output shaft downwards) the temperature values can be even 10% higher than the ones found in the B3/1U position, due to the increased quantity of oil held inside the variator and due to the different condition of coolant shaking.

Using a 2 poles motor (just up the size MK 20) the values of  $\Delta t$  can increase 25% more compared with the values of the table.

It is essential to point out that the above data refer to the use of the variator at its max. speed, which is the most unfavourable condition.

At the decrease of the variator output speed, the temperature trends to remarkably decrease.

### NOTE

The data so far managed refer to the use of the variator inside the performance catalogue ranges.

## BETRIEBSTEMPERATUR DER VERSTELLGETRIEBE

Das Verstellgetriebe ist ein Gerät, das die Leistung durch Reibung aufnimmt, so dass der Lauf ist immer mit Erwärmung verbunden.

Die Betriebstemperatur hängt grundsätzlich von diesen Faktoren ab:

- 1) Verstelltriebegrösse (MK2 - MK5 - MK10 - MK20 - MK30 - MK50 - MK100)
- 2) Eingangsgeschwindigkeit
- 3) Abtriebsgeschwindigkeit
- 4) Einbaulage des Verstellgetriebes
- 5) Umgebungstemperatur
- 6) Typ des verbundenen Getriebes

Die Standardbetriebstemperatur ist nach ungetahr 200 - 300 Betriebstunden erreicht. Während Einlaufen, erreicht die Temperatur ganz schnell die maximale Werte, dann sinkt langsam nach unten, bis die Standardbetriebstemperatur erreicht ist. In der folgenden Tabelle, sind die durchschnittliche Temperaturvergrößerungen  $\Delta t$  im Vergleich mit der Umgebungstemperatur gegeben. Diese Werte werden auf der Einbaulage B3/1U, 4 polig Motor und auf der maximaler Geschwindigkeit eingestellten Verstellgetriebe bezogen.

Während Einlaufen, kann die Temperaturzunahme  $\Delta t$  auch bis 50% or mehr grosser sein.

In den Einbaulagen V1 - V5, koennen die Temperaturwerte bis 10% grosser sein, als in der Einbaulage B3/1U, wegen des grosseren Ölhalts.

In der Verwendung von 2 - poligen Motoren, koennen noch die maximalen Temperaturen auch bis 25% grosser sein.

Man muss beachten, dass diese Werte auf die maximale Verstellgetriebeabtriebsgeschwindigkeit bezogen sind.

Wenn die Abtriebsgeschwindigkeit verniedrigt, nimmt die Betriebstemperatur ab.

### HINWEIS

Die obengennanten Werte beziehen sich auf der Verwendung des Verstellgetriebes lauf den Katalogparametern.

## VOLANTINO DI REGOLAZIONE

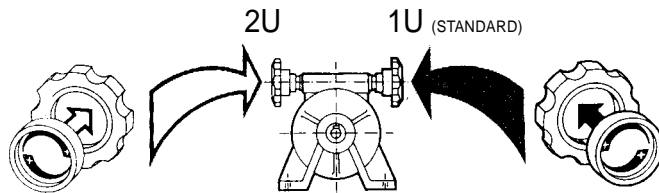
E' fornito a corredo del variatore standard. Al centro è inserito, a pressione, un dischetto in plastica che riporta in rilievo l'indicazione dei sensi di rotazione del volantino (e di conseguenza della vite di comando) per ottenere l'incremento o la diminuzione della velocità.

## HANDWHEEL

This is supplied with every standard variator. A plastic disc is inserted in the handwheel indicating in which direction to turn to increase and decrease output speed.

## HANDVERSTELLUNG

Hierbei handelt es sich um eine Standardausführung des Verstellgetriebes, bestehend aus einem Kunststoffhandrad, das in die Verstellspindel hereingedrückt und verstiftet wird. Auf der Frontseite sind Pfeile zu ersehen, welche die Drehrichtung angeben. Hier wird die Drehzahl manuell innerhalb des Regelbereichs stufenlos geregelt.



### IMPORTANTE

L'azionamento del volantino deve essere effettuato solo con il variatore in movimento.

### IMPORTANT

Handwheel should be turned only when the variator is running.

### ACHTUNG

Eine Drehzahlregelung darf nie im Stillstand erfolgen.

NUMERO GIRI/MIN IN USCITA IN FUNZIONE DEL N. DI GIRI DEL VOLANTINO DI COMANDO

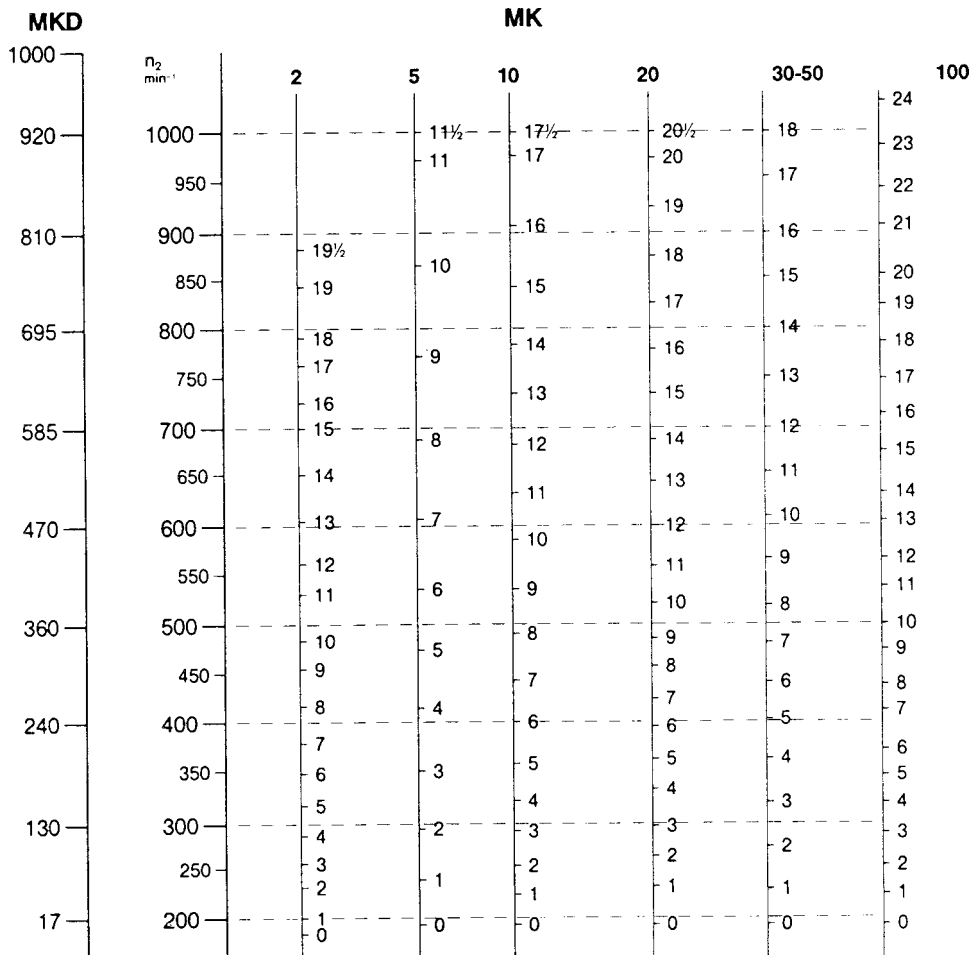
A NUMBER OF HANDWHEEL TURNS WILL CORRESPOND TO A CERTAIN NUMBER OF OUTPUT RPM

ABTRIEBSDREHZAHL IN ABHÄNGIGKEIT VON DEN UMDREHUNGEN DES HANDRADES

N. giri del volantino per grandezze:

Number of handwheel turns per size:

Drehzahl des Handrades je nach Getriebegröße:





## CARATTERISTICHE FUNZIONALI DEL MOTOVARIATORE

Il variatore epicicloidale trasmette una coppia attraverso superfici di attrito.

Per ogni grandezza è definita una coppia limite, oltre la quale il cinematismo inizia a slittare, il che crea perdita di giri, surriscaldamento ed in ultima analisi usura, dunque il rischio di compromettere la durata del variatore stesso.

Ciò fa sì che il variatore possa sfruttare tutta la potenza del motore, solo in corrispondenza del numero massimo di giri in uscita.

Alle basse velocità invece, dovendo essere limitata la coppia di uscita per ragioni di attrito, la potenza applicata viene sfruttata solo in parte. Pertanto per verificare se un variatore è correttamente dimensionato per l'applicazione, lo si deve provare alla velocità massima, nelle condizioni di massimo carico.

In questo caso l'assorbimento del motore dovrà risultare minore o (al limite) uguale all'assorbimento indicato sulla targa del motore.

E' importante ricordare che per una buona durata nel tempo del variatore, il numero massimo di avviamenti al minuto deve essere inferiore a 10.

Infine, per ragioni funzionali, i variatori non possono funzionare con velocità in ingresso inferiori a 400 giri/min.

### NOTA

Il variatore con differenziale permette di regolare la velocità del sistema fino a zero. Tuttavia va considerato che nella gamma di velocità che vanno da 190 a 0 (380÷0 giri/min per motori a due poli) la coppia erogata dal variatore tende a zero in modo lineare.

## OPERATIONAL FEATURES OF THE MOTORIZED VARIATOR

**The planetary variator transmits a torque through friction surfaces.**

**For each size, a max torque is fixed, and beyond said torque the equipment starts to slide, thus causing RPM losses, overheatings, and as extreme problem wear, therefore a risk of adversely affecting the lifetime of the variator.**

**This arranges that the variator can take advantage of the full motor power only in a range next to the max output speed.**

**On the contrary at low speeds, considering that the output torque has to be limited due to friction reasons, the input power can be used just partly.**

**Therefore, in order to check whether a variator has been selected properly, it is needed to test it at the max speed and at the max load.**

**In this case, the motor's absorbed current has to be lower, or max. equal to the absorbed current given on the motor plate.**

**It is important to take note that, for a good lifetime of the variator, the number of starts per minute has not to exceed 10.**

**Finally, due to operating reasons, the variator cannot operate at input speed below 400 RPM.**

### NOTE

**The variator with planetary equipment (differential) allows to adjust the speed down to zero.**

**It is however important to take note that, in the range of speeds over 0 up to 190 RPM (over 0 up to 380 RPM for 2 poles motor), the output torque trends to zero in an almost linear way.**

## FUNKTIONSEIGENSCHAFTEN DES VERSTELLGETRIEBES MIT MOTOR

*Das Planetenverstellgetriebe überträgt ein Drehmoment über Reibflächen.*

*Für jede Baugröße ist ein Grenzdrehmoment vorgegeben, bei dessen Überschreitung das Getriebe durchzurutschen beginnt. Als Folge kommt es zu Drehzahlverlust, Überhitzung und Verschleiß und einer beeinträchtigten Lebensdauer des Verstellgetriebes.*

*Das Verstellgetriebe kann demnach die volle Motorleistung nur im Bereich der max. Abtriebsdrehzahl nutzen.*

*Bei den niedrigen Drehzahlen hingegen wird die angewandte Leistung nur teilweise genutzt, da die Abtriebsdrehzahl wegen der Reibung begrenzt wird.*

*Um festzustellen, ob ein Verstellgetriebe korrekt für die jeweilige Anwendung dimensioniert ist, muss es bei max. Drehzahl und unter Höchstbelastung geprüft werden.*

*In diesem Fall muss die Motoraufnahme kleiner oder höchstens gleich der auf dem Kennschild des Motors angegebenen Aufnahme sein.*

*Wichtig ist es darauf hinzuweisen, dass für eine lange Lebensdauer des Verstellgetriebes max. 10 Mal pro Minute gestartet werden darf.*

*Aus Betriebsgründen können die Verstellgetriebe außerdem nicht mit Antriebsdrehzahlen unter 400 U/min funktionieren.*

### HINWEIS

*Das Verstellgetriebe mit Differential ermöglicht die Regulierung der Systemgeschwindigkeit bis Null. Dennoch muss berücksichtigt werden, dass im Geschwindigkeitsbereich von 190 bis 0 (380÷0 U/min für bipolare Motoren) das vom Verstellgetriebe ausgegebene Drehmoment linear zu Null tendiert.*

## INFORMAZIONI GENERALI

I variatori dal MK2 fino al MK 50 compreso, sono chiusi sul lato anteriore e provvisti di paraolio in entrata. Tutti i variatori consentono un accoppiamento diretto con motori B5. Accoppiamenti con motori in B 14 (eccetto che su MK 100) sono realizzabili con impiego del gruppo coperchio entrata. La minima velocità di ingresso che rende possibile l'impiego dei variatori è 400 giri/min.

## VERNICIATURA

Tutti i variatori sono verniciati con polvere bugnata RAL 5010 termoindurente a base di resine poliesteri.

## GENERAL INFORMATION

**The SITI variators from MK2 up to MK 50 are totally enclosed on the front side and are equipped with input shaft seal. All variators provide a direct connection with B5 motors. The use of B 14 motors (except on MK 100) can be accomplished by means of the input cover set. The min. input speed enabling to use variators is 400 RPM.**

## PAINTING

**all the variators are painted with orange-peel thermosetting powder on the base of polyester resin, type blue RAL 5010.**

## ALLEGEMEINE AUSKUENFTE

*Die SITI Verstellgetriebe von MK2 bis MK 50 sind auf der Vorderseite geschlossen, und mit Eingangsweliendichtring ausgeruestet. Alle Verstellgetriebe sind fuer direkte Verbindung mit B5 Motoren vorgesehen. Die Verwendung von B 14 Motoren (mit der Ausnahme von MK 100) ist moeglich durch die Eingangsdeckelgruppe. Die minimale Eingangsgeschwindigkeit, die die Verwendung von SITI Verstellgetriebe gestattet, is 400 Umdrehungen proMinute.*

## LACKIERUNG

*Sämtliche Verstellgetriebe werden mit wärme-härtenden Pulver auf Polyesterharzbasis lackiert (RAL 5010).*

## LUBRIFICAZIONE

La lubrificazione del variatore avviene per sbattimento e proiezione d'olio. Prima della messa in funzione assicurarsi che l'olio sia visibile fino a metà livello a variatore fermo, diversamente provvedere al rabbocco. La sostituzione della carica di olio, dovrà avvenire dopo un primo periodo di rodaggio di 300 ore lavorative in seguito ogni 3000 ore. Assicurarsi in ogni caso che l'olio sia sempre presente nelle apposite spie di livello.

## LUBRICATION

**Lubrication for the gearmotor is by showering. Before starting up make sure that oil is visible at halfway level with the gearmotor stopped, otherwise top up with oil. Oil should be replaced after a first running-in period of 300 working hours and subsequently, every 3.000 hours. Always ensure in any case that oil is always visible in the oil-level indicators.**

## SCHMIERUNG

*Die Schmierung des Verstelltriebemotors erfolgt durch die Drehbewegung der einzelnen Getriebeteile, die im Ölbad laufen. Dadurch wird eine ausreichende Schmierung gewährleistet. Vor Inbetriebnahme ist die richtige Lage der Olschrauben beachten und zu überprüfen, dass das Getriebe Stillstand bis zu Markierung am Ölstandsauge gefüllt ist. Anfangs, Ölwechsel nach 300 Betriebsstunden erfolgt. Alle weiteren Ölwechsel sollen jeweils 3000 Betriebsstunden stattfinden.*

### Quantità di lubrificante (litri)

### Lubricant quantity (liters)

### Schmiermittelmenge (litern)

VARIATORE / VARIATOR / VERSTELLGETRIEBE			
MK	B3 - B5 - B6 - B8	V1 - V5	V3 - V6
2	0,120	0,260	0,130
2/1	0,120	0,260	0,130
2/2	0,120	0,260	0,130
5	0,150	0,300	0,200
5/1	0,150	0,300	0,200
5/2	0,150	0,300	0,200
10	0,380	1,070	0,450
10/1	0,380	0,700	0,450
10/2	0,380	0,700	0,450
20	0,500	1,200	0,770
20/1	0,800	1,200	0,950
20/2	0,700	1,200	0,950
30 - 50	1,100	5,500	-
30/1 - 50/1	1,000	2,200	2,100
30/2 - 50/2	1,000	2,200	-
100	2,700	9,000	-
100/1	2,000	4,000	4,000
100/2	2,000	4,000	4,000

RIDUTTORE / GEARBOX / GETRIEBE		
B3		
0,08	MC 105/1	Lubrificato con olio a vita <b>Lifetime oil lubricated</b> <i>Lebensdaueröl geschmiert</i>
0,20	MC 105/2	
0,12	MC 115/1	Lubrificato con olio a vita <b>Lifetime oil lubricated</b> <i>Lebensdaueröl geschmiert</i>
0,40	MC 115/2	
0,18	MC 135/1	Lubrificato con olio a vita <b>Lifetime oil lubricated</b> <i>Lebensdaueröl geschmiert</i>
0,75	MC 135/2	
1,700	MC 170/1	Privo di olio <b>Without oil</b> <i>Ohne schmiermittel</i>
3,000	MC 170/2	
2,800	MC 210/1	Privo di olio <b>Without oil</b> <i>Ohne schmiermittel</i>
5,200	MC 210/2	
3,300	MC 260/1	Privo di olio <b>Without oil</b> <i>Ohne schmiermittel</i>
6,500	MC 260/2	

### Lubrificanti consigliati

### Recommended lubricants

### Empfohlen schmiermittel

* SHELL	DONAX TX
AGIP	A.T.F. DEXTRON
BP	BP AUTRAN DX
CHEVRON	AUTOMATIC TRANSMISSION FLUID (DEXTRON)
ESSO	AUTOMATIC TRANSMISSION FLUID (DEXTRON)
FINA	A.T.F. DEXTRON
IP	IP DEXRON FLUID
MOBIL	A.T.F. 220
SHELL	DONAX TA

\* Impiegando questo tipo di prodotto, non è più necessario il cambio d'olio.

\* **If this type of product is used, it is not necessary to change oil.**

\* *bei Verwendung dieser Olsorte ist kein Ölwechsel mehr erforderlich.*

#### NOTA

Tutti i motovariatori vengono forniti predisposti per operare nelle posizioni di montaggio B3 o B5. Se richiesti per altre posizioni indicare questa esigenza in fase di ordine.

#### NOTE

**All gearmotors are supplied to operate in assembly positions B3 or B5. If they are required for other positions, please mention this when ordering.**

#### HINWEIS

*Alle Verstellgetr/ebemotoren sind für die Einbaulage B3 oder B5 vorgesehen. Werden andere Einbaulagen gewünscht, so geben Sie diese bitte bei der Bestellung an.*

## VARIATORI E MOTOVARIATORI SERIE K-MK

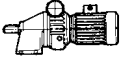
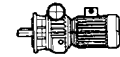
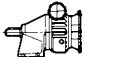
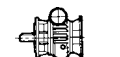


## VARIATORS AND MOTORIZED VARIATOR SERIES K-MK

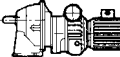
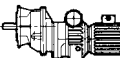
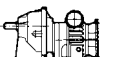



## VERSTELLGETRIEBE UND VERSTELLGETRIEBE MIT MO- TOR DER SERIE K-MK

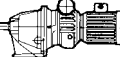





DESIGNAZIONE

CONFIGURATION

TYPENBEZEICHNUNGEN

Tipo Type Typ	Grandezza Size Grösse	kW	Poli Poles Polig	Volt	Hz	Posizione di montaggio Mounting position Einbaulage	Diam. alb. uscita Output shaft Durch. der Antriebswelle
MK	5	0,37	4	220/380	50	71b/4	B3/2U
 MK - MKD	2 5	PAM 14/160 (71)	4	220/380	50	71b/4	B3/2U
 MKF - MKDF	10						
 MK - MKD...PAM	20 30						
 MKF - MKDF...PAM	50 100						
 K - KD							
 KF - KDF							

Tipo Type Typ	Grandezza Size Grösse	i	kW	Poli Poles Polig	Volt	Hz	Posizione di montaggio Mounting position Einbaulage
MK	5/1	7,73	0,25	4	220/380	50	71b/4
 MK - MKD	2/1 5/1	PAM 11/140 (63)	0,25	4	220/380	50	71b/4
 MKF - MKDF	10/1						
 MK - MKD...PAM	20/1 30/1						
 MKF - MKDF...PAM	50/1 100/1						
 K - KD							
 KF - KDF							

Tipo Type Typ	Grandezza Size Grösse	i	kW	Poli Poles Polig	Volt	Hz	Posizione di montaggio Mounting position Einbaulage
MKF	10/2	9,79	0,75	4	220/380	50	80b/4
 MK - MKD	2/2 5/2	PAM 19/200 (80)	0,75	4	220/380	50	80b/4
 MKF - MKDF	10/2						
 MK - MKD...PAM	20/2 30/2						
 MKF - MKDF...PAM	50/2 100/2						
 K - KD							
 KF - KDF							

## POSIZIONI DI MONTAGGIO

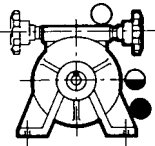
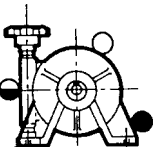
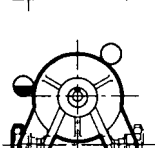
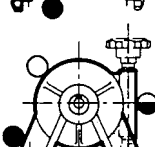
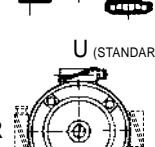
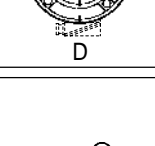
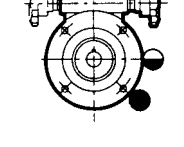
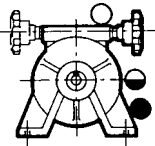
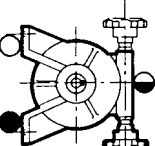
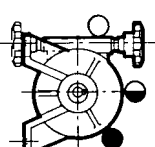
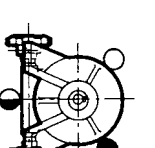
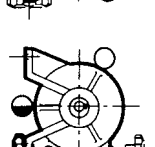
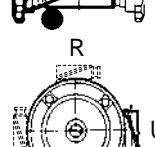
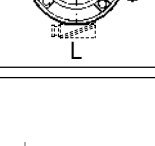
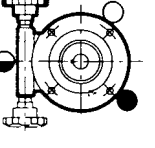
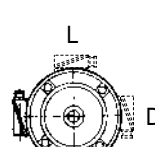
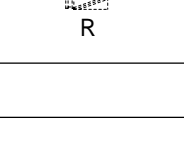
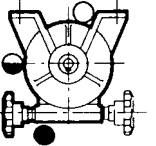
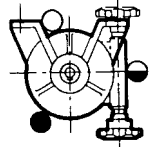
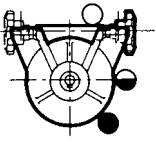
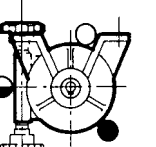
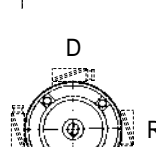

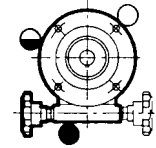
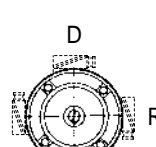
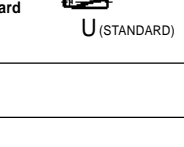
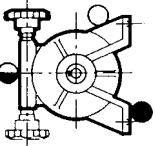
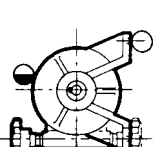
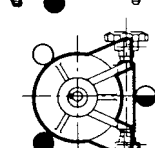
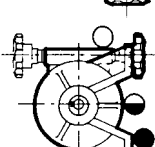
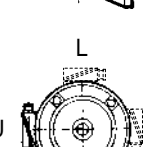
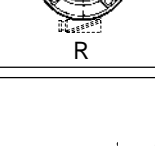
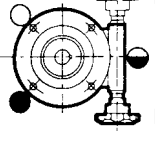
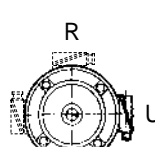
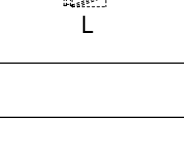
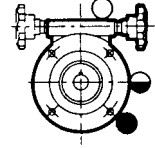
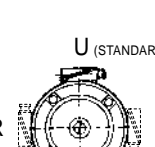
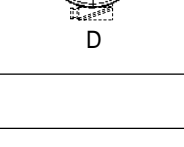
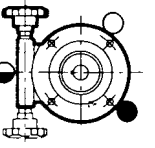
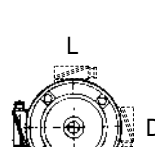
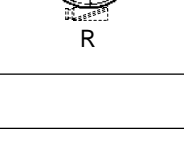
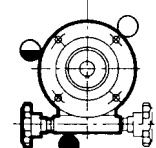
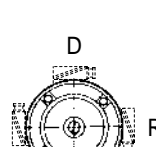
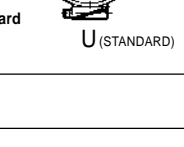
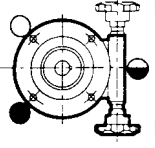
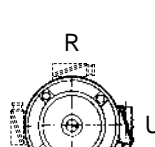
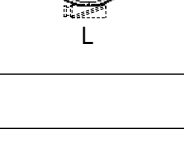
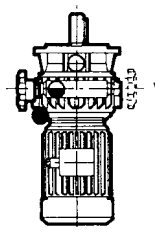

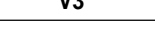
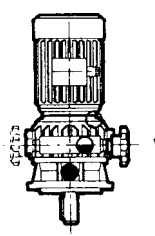

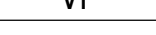
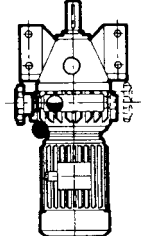

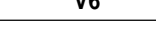
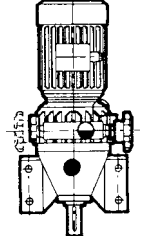

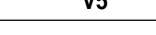
## MOUNTING POSITIONS

## EINBAULAGE

**IMPORTANTE!** In fase di ordine precisare sempre la posizione di montaggio e l'orientamento del volante di comando (es. B3/1U).

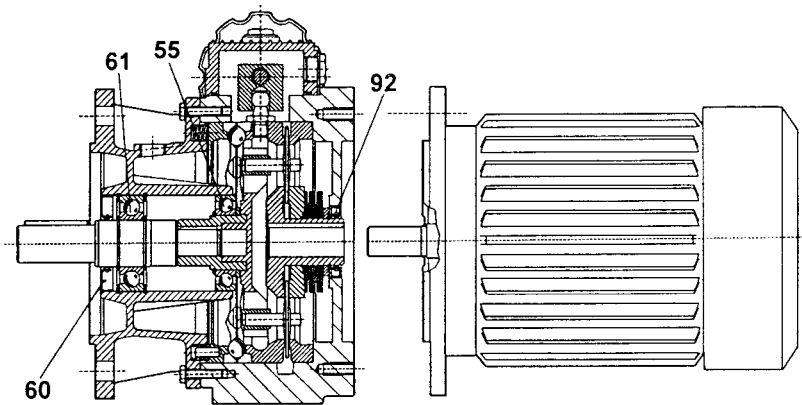
**IMPORTANT!** When ordering always mention assembly position and position of the control handwheel (eg. B3/1U).

**WICHTIG!** Bei Bestellung müssen stets Einbaulage und Lage des Handverstellrades angegeben werden (z.B.: B3/1U).

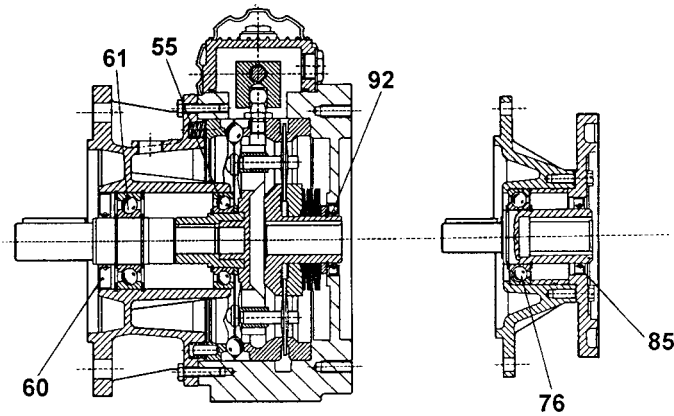
B3		B6		B8		B7	
<p><b>B3/2U</b></p>  <p><b>B3/1L</b></p>  <p><b>B3/2L</b></p>  <p><b>B3/1D</b></p>  <p><b>B3/2R</b></p>  <p><b>B3/1R</b></p>  <p>U (STANDARD)</p>  <p>R L D</p>	<p><b>B3/1U</b> STANDARD</p> 	<p><b>B6/2U</b></p>  <p><b>B6/1U</b></p>  <p><b>B6/2L</b></p>  <p><b>B6/1L</b></p>  <p><b>B6/1D</b></p>  <p><b>B6/2D</b></p>  <p><b>B6/1R</b></p>  <p><b>B6/2R</b></p>  <p>R</p>  <p>D U (STANDARD) L</p>	<p><b>B8/1U</b></p>  <p><b>B8/2U</b></p>  <p><b>B8/2L</b></p>  <p><b>B8/1L</b></p>  <p><b>B8/2D</b></p>  <p><b>B8/1D</b></p>  <p><b>B8/1R</b></p>  <p><b>B8/2R</b></p>  <p>D</p>  <p>L R U (STANDARD)</p>	<p><b>B7/1U</b></p>  <p><b>B7/2U</b></p>  <p><b>B7/1L</b></p>  <p><b>B7/2L</b></p>  <p><b>B7/2D</b></p>  <p><b>B7/1D</b></p>  <p><b>B7/2R</b></p>  <p><b>B7/1R</b></p>  <p>L</p>  <p>(STANDARD) U R D</p>			
<p><b>B5/2U</b></p>  <p><b>B5</b></p>  <p>U (STANDARD)</p>  <p>R L D</p>	<p><b>B5/1L</b></p>  <p><b>B5/2L</b></p>  <p>L</p>  <p>(STANDARD) U R D</p>	<p><b>B5/1D</b></p>  <p><b>B5/2D</b></p>  <p>D</p>  <p>L R U (STANDARD)</p>	<p><b>B5/2R</b></p>  <p><b>B5/1R</b></p>  <p>R</p>  <p>D U (STANDARD) L</p>				
<p><b>V3/1U</b></p>  <p><b>V3/2U</b></p>  <p><b>V3</b></p> 	<p><b>V1/2U</b></p>  <p><b>V1/1U</b></p>  <p><b>V1</b></p> 	<p><b>V6/1U</b></p>  <p><b>V6/2U</b></p>  <p><b>V6</b></p> 	<p><b>V5/2U</b></p>  <p><b>V5/1U</b></p>  <p><b>V5</b></p> 				

## MK (F) 2 / 5 / 10 / 20 / 30 / 50

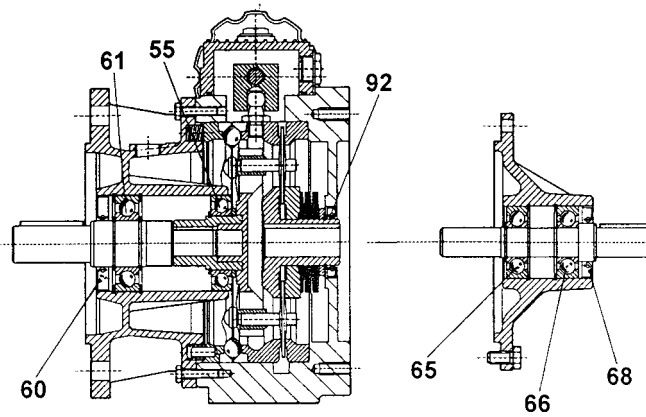
**MK...B5**



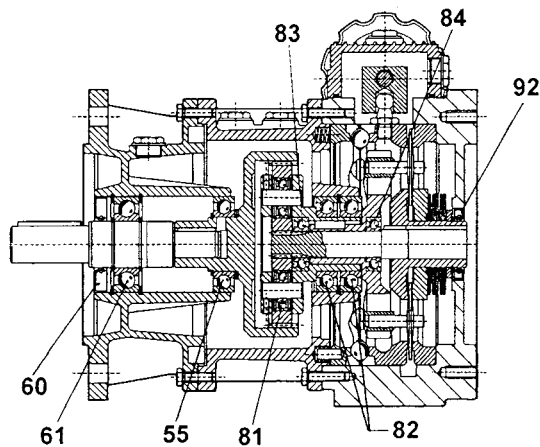
**MK...PAM  
(B14)**



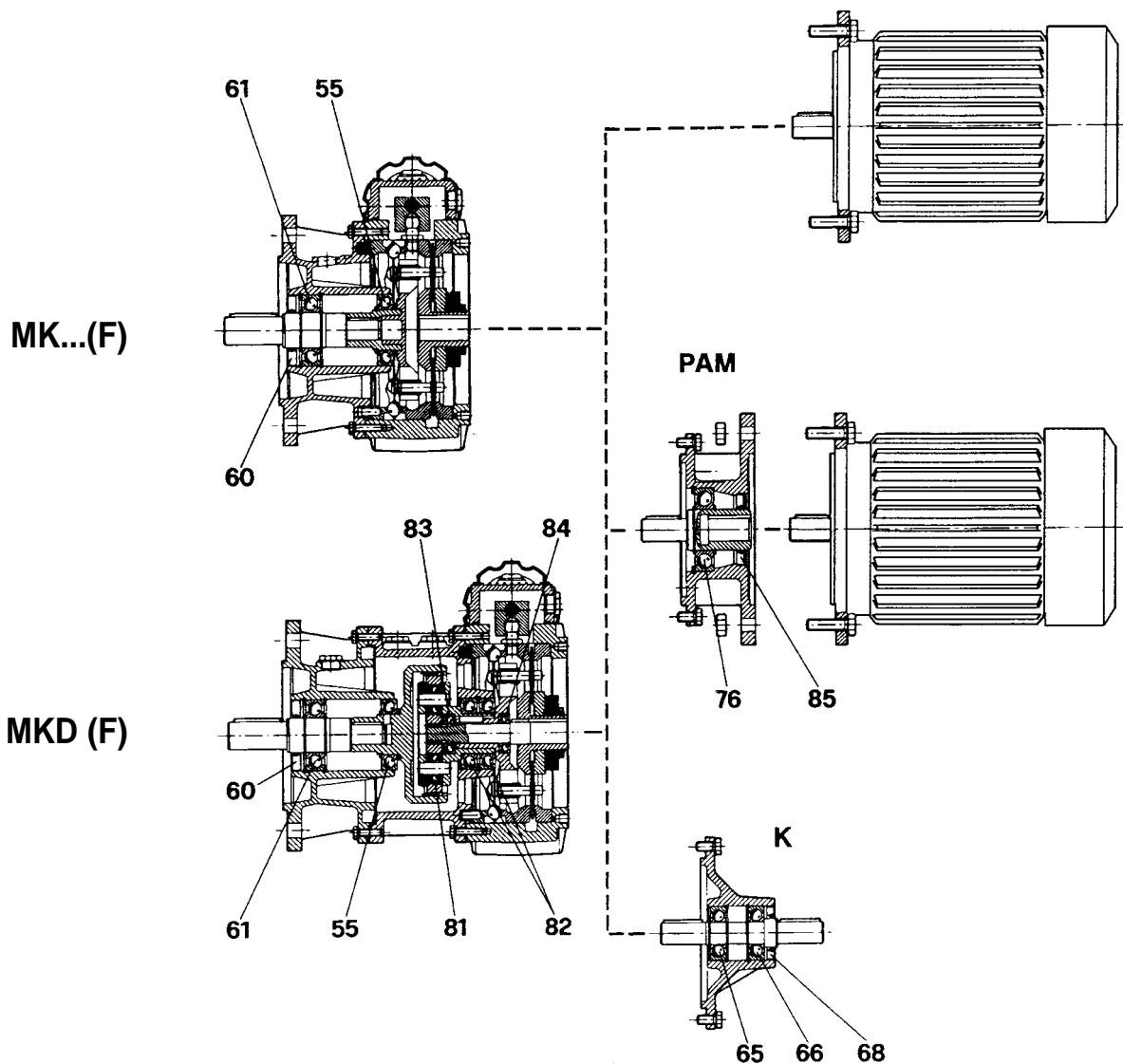
**K...**



**MKD...**

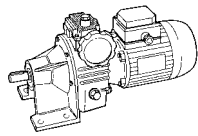


## MK (F) 100

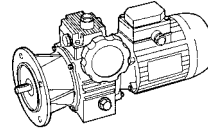


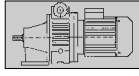


	Cuscinetti / Bearings / Kugellager								Anelli di tenuta / Oilseals / Simmerringe			
	65-66	76	81	82	83	84	55	61	68	85	60	92
2	6303 17/47/14	6005 25/47/12	-	-	-	-	6004 20/42/12	6004 2RS 20/42/12	17/35/7	25/40/7	20/42/7	18/40/7
5	6304 2RS 20/52/15	6205 25/52/15	6000 10/26/8	6006 30/55/13	6002 15/32/9	6002 15/32/9	6205 25/52/15	6205 2RS 25/52/15	20/35/7	30/40/7	25/52/7	25/40/7
10	6206 2RS 30/62/16	6007 35/62/16	6000 10/26/8	6007 35/62/16	6003 17/35/10	6003 17/35/10	6206 30/62/16 6007* 35/62/14	6206 2RS 30/62/16	30/47/7	35/50/7	30/62/8	30/47/7
20	6206 2RS 30/62/16	6007 35/62/16	6202 15/35/11	6009 45/75/16	6004 20/42/12	6004 20/42/12	6207 35/72/17	6207 2RS 35/72/17	30/47/7	35/72/10	35/72/10	45/65/8
30-50	6206 2RS 30/62/16	6010 50/80/16	6304 20/52/15	6011 55/90/18	6006 30/55/13	6006 30/55/13	6210 50/90/20	6210 2RS 50/90/20	40/62/10	50/80/10	50/90/10	55/80/8
100	6208 40/68/15	6011 55/90/18	6304 20/52/15	6013 65/100/18	6008 40/68/15	6008 40/68/15	6211 55/100/21	6211 2RS 55/100/21	50/80/10	55/90/10	55/90/10	

MK...

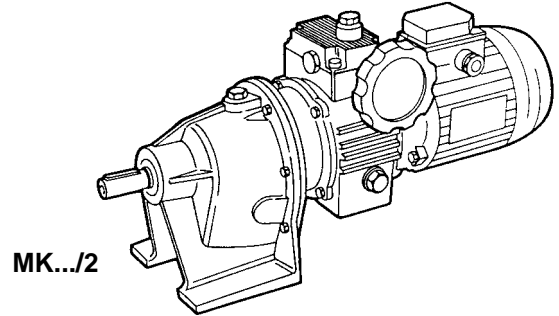
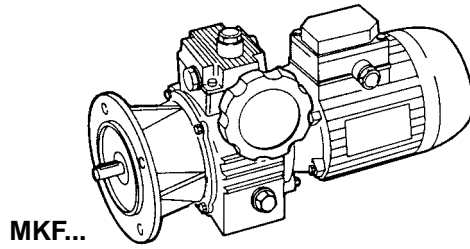
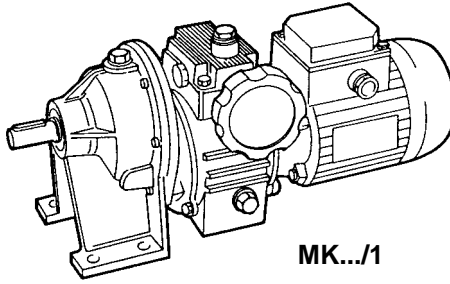
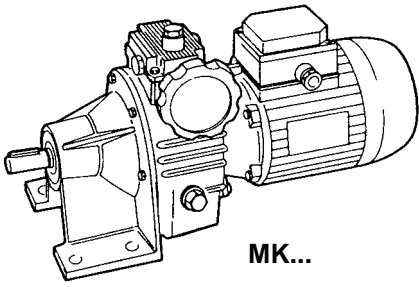


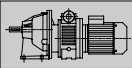


MKF...



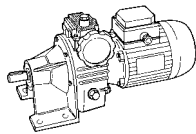
kW <sub>1</sub> HP <sub>1</sub>	max	min	min	max	sf			Poli Poles Polig	
	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm					
0,12 0,16	880	170	1,2	3,5	1	MK2	H63a/4	4	8
	610	115	1,5	3,5	1	MK2	H63b/6	6	9
0,18 0,25	1750	360	0,8	3	1	MK2	H63b/2	2	8
	880	170	1,6	3,5	1	MK2	H63b/4	4	9
	660	120	2,1	8	1	MK5	H71b/6	6	18
0,25 0,33	1750	360	1,1	3	1	MK2	H63b/2	2	8
	880	170	2,2	3,5	1	MK2	H63c/4	4	9
	1000	190	1,9	8	1	MK5	H71a/4	4	17
	660	120	2,9	8	1	MK5	H71b/6	6	18
0,37 0,5	1750	360	1,6	3	1	MK2	H63c/2	2	8
	2000	380	1,4	6	1	MK5	H71a/2	2	18
	1000	190	2,8	8	1	MK5	H71b/4	4	17
	660	120	4,4	8	1	MK5	H71c/6	6	18
	660	120	4,4	15	1	MK10	H80a/6	6	29
0,55 0,75	2000	380	2,2	6	1	MK5	H71b/2	2	18
	1000	190	4,15	8	1	MK5	H80a/4	4	17
	1000	190	4,3	15	1	MK10	H80a/4	4	28
	660	120	6,5	15	1	MK10	H80b/6	6	30
0,75 1	2000	380	2,8	6	1	MK5	H71c/2	2	18
	1000	190	5,8	15	1	MK10	H80b/4	4	30
	660	120	8,79	30	1	MK20	H90s/6	6	50
1,1 1,5	2000	380	4,34	12	1	MK10	H80b/2	2	30
	1000	190	7,74	15	1	MK10	H90s/4	4	32
	1000	190	8,6	30	1	MK20	H90s/4	4	51
	660	120	13	30	1	MK20	H90l/6	6	54
1,5 2	2000	380	5,8	12	1	MK10	H80c/2	2	30
	2000	380	5,8	25	1	MK20	H90s/2	2	51
	1000	190	11,5	30	1	MK20	H90l/4	4	52
	660	120	17	50	1	MK30	H100la/6	6	88
	660	120	17,58	72	1	MK50	H100la/6	6	98
2,2 3	2000	380	8,6	25	1	MK20	H90l/2	2	53
	1000	190	17	50	1	MK30	H100la/4	4	84
	1000	190	17,02	72	1	MK50	H100la/4	4	90
	660	120	26	72	1	MK50	H112ma/6	6	102
3 4	1000	190	23	50	1	MK30	H100lb/4	4	88
	1000	190	23	72	1	MK50	H100lb/4	4	90
	660	120	35,16	160	1	MK100	H132sa/6	6	155
4 5,5	1000	190	31	72	1	MK50	H112m/4	4	100
	660	120	48	160	1	MK100	H132mb/6	6	160
5,5 7,5	1000	190	43	160	1	MK100	H132sa/4	4	150
	660	120	65	160	1	MK100	H132mb/6	6	165
7,5 10	1000	190	58	160	1	MK100	H132mb/4	4	160
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11 15	1000	190	86	160	1	MK100	H132md/4	4	170



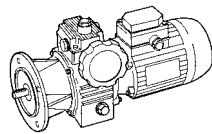


kW <sub>1</sub> HP <sub>1</sub>	max	min	min	max	sf		i		Poli Poles Polig	
	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm						
0,12 0,16	14,8	2,7	59	90	1	MK 2/2	41,31	H63b/6	6	16
	18,9	3,5	46	100	1	MK 2/2	32,33	H63b/6	6	16
	21	4,1	47	90	1	MK 2/2	41,31	H63a/4	4	14
	24	4,4	36	85	1	MK 2/2	25,56	H63b/6	6	16
	27	5,2	37	100	1	MK 2/2	32,33	H63a/4	4	14
	31	5,7	28	67	1,5	MK 2/2	20	H63b/6	6	16
	34	6,6	29	85	1	MK 2/2	25,56	H63a/4	4	14
	38	7,2	23	53	1,7	MK 2/2	15,97	H63b/6	6	16
	44	8,5	22	67	1,5	MK 2/2	20	H63a/4	4	14
	49	9,2	17,7	42	2,4	MK 2/2	12,5	H63b/6	6	16
	55	10,6	18	53	1,7	MK 2/2	15,97	H63a/4	4	14
	64	12	13,6	32	2,8	MK 2/2	9,55	H63b/6	6	16
	70	13,6	14	42	2,4	MK 2/2	12,5	H63a/4	4	14
	76	14,2	11,8	27	1,1	MK 2/1	8,08	H63b/6	6	13
	82	15,3	10,7	25	4	MK 2/2	7,48	H63b/6	6	16
	92	17,8	11	32	2,8	MK 2/2	9,55	H63a/4	4	14
	109	21	9,4	27	1,1	MK 2/1	8,08	H63a/4	4	11
	118	23	8,5	25	4	MK 2/2	7,48	H63a/4	4	14
	122	23	7,2	16,9	2,4	MK 2/1	5	H63b/6	6	13
	123	23	7	16,5	6	MK 2/2	4,98	H63b/6	6	16
	176	34	5,8	16,9	2,4	MK 2/1	5	H63a/4	4	11
	177	34	5,7	16,5	6	MK 2/2	4,98	H63a/4	4	14
	196	37	4,5	16,5	4,3	MK 2/1	3,12	H63b/6	6	13
	282	54	3,6	10,5	4,3	MK 2/1	3,12	H63a/4	4	11
	326	61	2,7	6,3	8,7	MK 2/1	1,87	H63b/6	6	13
	471	91	2,2	6,3	8,7	MK 2/1	1,87	H63a/4	4	11
	610	115	1,5	3,5	1	MK 2	-	H63b/6	6	9
	880	170	1,2	3,5	1	MK 2	-	H63a/4	4	8

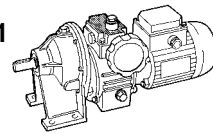
MK...



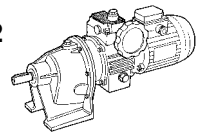
MKF...

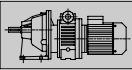




MK.../1

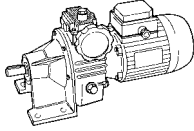


MK.../2

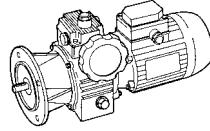


kW <sub>1</sub> HP <sub>1</sub>	max	min	min	max	sf		i		Poli Poles Polig	
	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm						
0,18 0,25	16,7	3	78,5	160	1	MK 5/2	39,49	H71b/6	6	25
	16,7	0	78,5	160	1	MK 5D/2	39,49	H71b/6	6	32
	21	3,8	61,2	180	1	MK 5/2	30,91	H71b/6	6	25
	21	0	61,2	180	1	MK 5D/2	30,91	H71b/6	6	32
	21	4,1	63	90	1	MK 2/2	41,31	H63b/4	4	15
	26	4,7	49,7	160	1	MK 5/2	25,16	H71b/6	6	25
	26	0	49,7	160	1	MK 5D/2	25,16	H71b/6	6	32
	27	5,2	49	100	1	MK 2/2	32,33	H63b/4	4	15
	34	6,6	39	85	1	MK 2/2	25,56	H63b/4	4	15
	34	6	39	150	1	MK 5/2	19,69	H71b/6	6	25
	34	0	39	150	1	MK 5D/2	19,69	H71b/6	6	32
	39	7,1	33	127	1,2	MK 5/2	16,75	H71b/6	6	25
	39	0	33	127	1,2	MK 5D/2	16,75	H71b/6	6	32
	42	8,7	31	90	1,2	MK 2/2	41,31	H63b/2	2	16
	44	8,5	30	67	1,5	MK 2/2	20	H63b/2	2	16
	50	9,2	26	100	1,7	MK 5/2	13,11	H71b/6	6	25
	50	0	26	100	1,7	MK 5D/2	13,11	H71b/6	6	32
	54	11	16,8	92	1,1	MK 2/2	32,33	H63b/2	2	15
	55	10,6	24	53	1,7	MK 2/2	15,97	H63b/4	4	15
	62	11,2	21	81	1,8	MK 5/2	10,63	H71b/6	6	25
	62	0	21	81	1,8	MK 5D/2	10,63	H71b/6	6	32
	69	14	19,4	73	1,2	MK 2/2	25,56	H63b/2	2	15
	70	13,6	19	42	2,4	MK 2/2	12,5	H63b/4	4	15
	79	14,4	16,6	63	2,7	MK 5/2	8,32	H71b/6	6	25
	79	0	16,6	63	2,7	MK 5D/2	8,32	H71b/6	6	32
	85	15,5	15,8	45	1	MK 5/1	7,73	H71b/6	6	22
	85	0	15,8	45	1	MK 5D/1	7,73	H71b/6	6	29
	88	18	15,1	57	1,7	MK 2/2	20	H63b/2	2	15
	92	17,8	14,5	32	2,8	MK 2/2	9,55	H63b/4	4	15
	109	21	12,5	27	1,1	MK 2/1	8,08	H63b/4	4	12
	110	23	12	46	2	MK 2/2	15,97	H63b/2	2	15
	118	23	11,4	25	4	MK 2/2	7,48	H63b/4	4	15
	130	24	10	39	4,4	MK 5/2	5,07	H71b/6	6	25
130	0	10	39	4,4	MK 5D/2	5,07	H71b/6	6	32	
134	24	9,9	38	1,6	MK 5/1	4,92	H71b/6	6	22	
134	0	9,9	38	1,6	MK 5D/1	4,92	H71b/6	6	29	
140	29	9,4	36	2,8	MK 2/2	12,5	H63b/2	2	15	
176	34	7,8	16,9	2,4	MK 2/1	5	H63b/4	4	12	
177	34	7,6	16,5	6	MK 2/2	4,98	H63b/4	4	15	
183	38	7,2	27	3,3	MK 2/2	9,55	H63b/2	2	15	
201	37	6,6	25	2,8	MK 5/1	3,28	H71b/6	6	22	
201	0	6,6	25	2,8	MK 5D/1	3,28	H71b/6	6	29	
217	45	6,4	24	1,2	MK 2/1	8,08	H63b/2	2	12	
234	48	5,6	21	4,7	MK 2/2	7,48	H63b/2	2	15	
282	54	4,8	10,5	4,3	MK 2/1	3,12	H63b/4	4	12	
317	58	4,3	16,1	4,3	MK 5/1	2,08	H71b/6	6	22	
317	0	4,3	16,1	4,3	MK 5D/1	2,08	H71b/6	6	29	
350	72	5,3	14,5	2,8	MK 2/1	5	H63b/2	2	12	
351	72	5,2	14	7,1	MK 2/2	4,98	H63b/2	2	15	
471	91	2,9	6,3	8,7	MK 2/1	1,87	H63b/4	4	12	
660	120	2,1	8	1	MK 5	-	H71b/6	6	18	
660	0	2,1	8	1	MK 5D	-	H71b/6	6	25	
880	170	1,6	3,5	1	MK 2	-	H63b/4	4	9	
936	193	1,4	5,4	10	MK 2/1	1,87	H63b/2	2	12	
1750	360	0,8	3	1	MK 2	-	H63b/4	2	8	

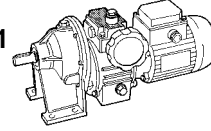
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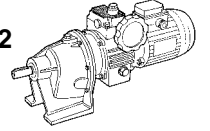
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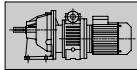




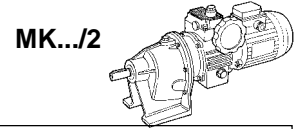
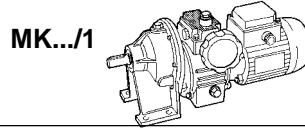
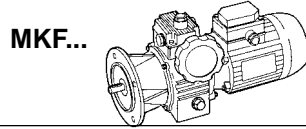
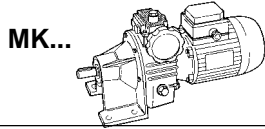
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MK.../2

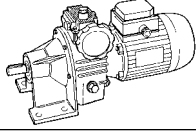


kW <sub>1</sub> HP <sub>1</sub>	max	min	min	max	sf		i		Poli Poles Polig	
	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm						
0,25 0,33	16,7	3	109	160	1	MK 5/2	39,49	H71b/6	6	25
	16,7	0	109	160	1	MK 5D/2	39,49	H71b/6	6	32
	21	3,8	85	180	1	MK 5/2	30,91	H71b/6	6	25
	21	0	85	180	1	MK 5D/2	30,91	H71b/6	6	32
	26	4,7	69	160	1	MK 5/2	25,16	H71b/6	6	25
	26	0	69	160	1	MK 5D/2	25,16	H71b/6	6	32
	32	6,1	56	180	1	MK 5/2	30,91	H71a/4	4	24
	32	0	56	180	1	MK 5D/2	30,91	H71a/4	4	31
	34	6	54	150	1,1	MK 5/2	19,69	H71b/6	6	25
	34	0	54	150	1,1	MK 5D/2	19,69	H71b/6	6	32
	39	7,1	46	127	1,2	MK 5/2	16,75	H71b/6	6	25
	39	0	46	127	1,2	MK 5D/2	16,75	H71b/6	6	32
	40	7,5	45	160	1	MK 5/2	25,16	H71a/4	4	24
	40	0	45	160	1	MK 5D/2	25,16	H71a/4	4	31
	42	8,7	43	90	1	MK 2/2	41,31	H63b/2	2	15
	50	9,2	36	100	1,7	MK 5/2	13,11	H71b/6	6	25
	50	0	36	100	1,7	MK 5D/2	13,11	H71b/6	6	32
	51	9,7	36	150	1,1	MK 5/2	19,69	H71a/4	4	24
	51	0	36	150	1,1	MK 5D/2	19,69	H71a/4	4	31
	54	11	24	92	1,1	MK 2/2	32,33	H63b/2	2	15
	60	11,3	30	127	1,2	MK 5/2	16,75	H71a/4	4	24
	60	0	30	127	1,2	MK 5D/2	16,75	H71a/4	4	31
	62	11,2	29	81	1,8	MK 5/2	10,63	H71b/6	6	25
	62	0	29	81	1,8	MK 5D/2	10,63	H71b/6	6	32
	69	14	27	73	1,2	MK 2/2	25,56	H63b/2	2	15
	76	14,4	24	100	1,7	MK 5/2	13,11	H71a/4	4	24
	76	0	24	100	1,7	MK 5D/2	13,11	H71a/4	4	31
	79	14,4	23	63	2,7	MK 5/2	8,32	H71b/6	6	25
	79	0	23	63	2,7	MK 5D/2	8,32	H71b/6	6	32
	85	15,5	22	45	1	MK 5/1	7,73	H71b/6	6	22
85	0	22	45	1	MK 5D/1	7,73	H71b/6	6	29	
88	18	21	57	1,7	MK 2/2	20	H63b/2	2	15	
94	17,8	19,2	81	1,8	MK 5/2	10,63	H71a/4	4	24	
94	0	19,2	81	1,8	MK 5D/2	10,63	H71a/4	4	31	
110	23	16,7	46	2	MK 2/2	15,97	H63b/2	2	15	
118	23	15,6	25	4	MK 2/2	7,48	H63c/4	4	16	
120	23	15	63	2,7	MK 5/2	8,32	H71a/4	4	24	
120	0	15	63	2,7	MK 5D/2	8,32	H71a/4	4	31	
129	25	14,2	45	1	MK 5/1	7,73	H71a/4	4	21	
129	0	14,2	45	1	MK 5D/1	7,73	H71a/4	4	28	
130	24	14	39	4,4	MK 5/2	5,07	H71b/6	6	25	
130	0	14	39	4,4	MK 5D/2	5,07	H71b/6	6	32	
134	24	13,8	38	1,6	MK 5/1	4,92	H71b/6	6	22	
134	0	13,8	38	1,6	MK 5D/1	4,92	H71b/6	6	29	
140	29	13,1	36	2,8	MK 2/2	12,5	H63b/2	2	15	
183	38	10	27	3,3	MK 2/2	9,55	H63b/2	2	15	
197	37	9,2	39	4,4	MK 5/2	5,07	H71a/4	4	24	
197	0	9,2	39	4,4	MK 5D/2	5,07	H71a/4	4	31	
201	37	9,2	25	2,8	MK 5/1	3,28	H71b/6	6	22	
201	0	9,2	25	2,8	MK 5D/1	3,28	H71b/6	6	29	
203	39	9,1	38	1,6	MK 5/1	4,92	H71a/4	4	21	
203	0	9,1	38	1,6	MK 5D/1	4,92	H71a/4	4	28	
217	45	8,9	24	1,2	MK 2/1	8,08	H63b/2	2	12	

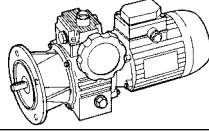


kW <sub>1</sub> HP <sub>1</sub>	max	min	min	max	sf		i		Poli Poles Polig	
	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm						
0,25 0,33	234	48	7,8	21	4,7	MK 2/2	7,48	H63b/2	2	15
	282	54	6,7	10,5	4,3	MK 2/1	3,12	H63c/4	4	13
	305	58	6	25	2,8	MK 5/1	3,28	H71a/4	4	21
	305	0	6	25	2,8	MK 5D/1	3,28	H71a/4	4	28
	317	58	5,9	16,1	4,3	MK 5/1	2,08	H71b/6	6	22
	317	0	5,9	16,1	4,3	MK 5D/1	2,08	H71b/6	6	29
	350	72	5,3	14,5	2,8	MK 2/1	5	H63b/2	2	12
	351	72	5,2	14	7,1	MK 2/2	4,98	H63b/2	2	15
	471	91	4	6,3	8,7	MK 2/1	1,87	H63c/4	4	13
	481	91	3,8	16,1	4,3	MK 5/1	2,08	H71a/4	4	21
	481	0	3,8	16,1	4,3	MK 5D/1	2,08	H71a/4	4	28
	561	115	3,3	9	5	MK 2/1	3,12	H63b/2	2	12
	660	120	2,9	8	1	MK 5	-	H71b/6	6	18
	660	0	2,9	8	1	MK 5D	-	H71b/6	6	25
	880	170	2,2	3,5	1	MK 2	-	H63c/4	4	9
936	193	2	5,4	10	MK 2/1	1,87	H63b/2	2	12	
1000	190	1,9	8	1	MK 5	-	H71a/4	4	17	
1000	0	1,9	8	1	MK 5D	-	H71a/4	4	25	
1750	360	1,1	3	1	MK 2	-	H63b/2	2	8	
0,37 0,5	16,7	3	160	160	1	MK 5/2	39,49	H71c/6	6	25
	16,9	0	160	160	1	MK 5D/2	39,49	H71c/6	6	32
	16,9	3	163	350	1	MK 10/2	39,09	H80a/6	6	40
	16,9	0	163	350	1	MK 10D/2	39,09	H80a/6	6	49
	21	3,8	131	350	1	MK 10/2	31,27	H80a/6	6	40
	21	0	131	350	1	MK 10D/2	31,27	H80a/6	6	49
	21	3,8	129	180	1	MK 5/2	30,91	H71c/6	6	25
	21	0	129	180	1	MK 5D/2	30,91	H71c/6	6	32
	25	4,8	105	160	1	MK 5/2	39,49	H71b/4	4	24
	25	0	105	160	1	MK 5D/2	39,49	H71b/4	4	31
	26	4,7	105	160	1	MK 5/2	25,16	H71c/6	6	25
	26	0	105	160	1	MK 5D/2	25,16	H71c/6	6	32
	26	4,7	106	350	1	MK 10/2	25,32	H80a/6	6	40
	26	0	106	350	1	MK 10D/2	25,32	H80a/6	6	49
	32	6,1	82	180	1	MK 5/2	30,91	H71b/4	4	24
	32	0	82	180	1	MK 5D/2	30,91	H71b/4	4	31
	33	5,9	85	289	1,2	MK 10/2	20,25	H80a/6	6	40
	33	0	85	289	1,2	MK 10D/2	20,25	H80a/6	6	49
	34	6	82	150	1,1	MK 5/2	19,69	H71c/6	6	25
	34	0	82	150	1,1	MK 5D/2	19,69	H71c/6	6	32
	39	7,1	70	127	1,2	MK 5/2	16,75	H71c/6	6	25
	39	0	70	127	1,2	MK 5D/2	16,75	H71c/6	6	32
	40	7,3	68	233	1,5	MK 10/2	16,32	H80a/6	6	40
	40	0	68	233	1,5	MK 10D/2	16,32	H80a/6	6	49
	40	7,5	67	160	1	MK 5/2	25,16	H71b/4	4	24
	40	0	67	160	1	MK 5D/2	25,16	H71b/4	4	31
	42	8,7	63	90	1	MK 2/2	41,31	H63c/2	2	15
	50	9,2	55	100	1,7	MK 5/2	13,11	H71c/6	6	25
	50	0	55	100	1,7	MK 5D/2	13,11	H71c/6	6	32
	51	9,2	55	186	1,9	MK 10/2	13,05	H80a/6	6	40
	51	0	55	186	1,9	MK 10D/2	13,05	H80a/6	6	49
	51	9,7	52	149	1,1	MK 5/2	19,69	H71b/4	4	24
	51	0	52	149	1,1	MK 5D/2	19,69	H71b/4	4	31
54	11	49	92	1,1	MK 2/2	32,33	H63c/2	2	15	
60	11,3	45	127	1,2	MK 5/2	16,75	H71b/4	4	24	
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62	11,2	44	81	1,8	MK 5/2	10,63	H71c/6	6	25	
62	0	44	81	1,8	MK 5D/2	10,63	H71c/6	6	32	
67	12,2	41	140	2,5	MK 10/2	9,79	H80a/6	6	40	
67	0	41	140	2,5	MK 10D/2	9,79	H80a/6	6	49	
69	14	39	73	1,2	MK 2/2	25,56	H63c/2	2	15	
76	14,4	35	100	1,7	MK 5/2	13,11	H71b/4	4	24	
76	0	35	100	1,7	MK 5D/2	13,11	H71b/4	4	31	

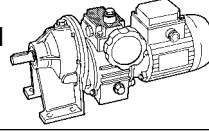
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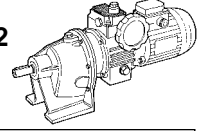
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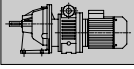




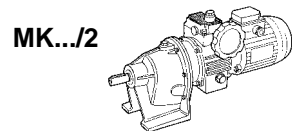
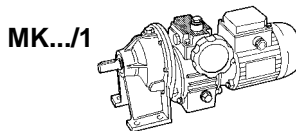
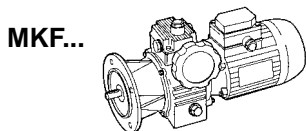
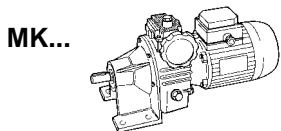
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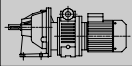




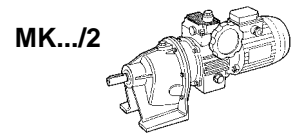
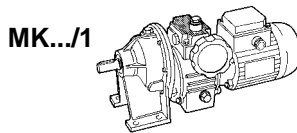
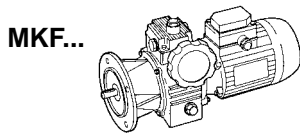
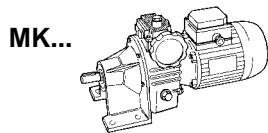
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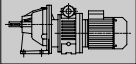




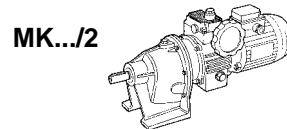
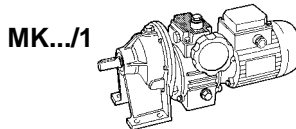
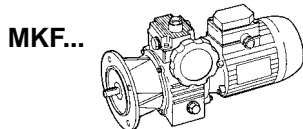
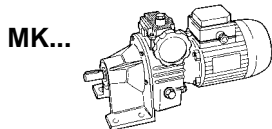
kW <sub>1</sub> HP <sub>1</sub>	max	min	min	max	sf		i		Poli Poles Polig	
	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm						
0,37 0,5	77	14,1	36	121	2,6	MK 10/2	8,5	H80a/6	6	40
	77	0	36	121	2,6	MK 10D/2	8,5	H80a/6	6	49
	79	14,4	35	63	2,7	MK 5/2	8,32	H71c/6	6	25
	79	0	35	63	2,7	MK 5D/2	8,32	H71c/6	6	32
	85	15,3	33	90	1	MK 10/1	7,81	H80a/6	6	34
	85	0	33	90	1	MK 10D/1	7,81	H80a/6	6	43
	85	15,5	33	45	1	MK 5/1	7,73	H71c/6	6	22
	85	0	33	45	1	MK 5D/1	7,73	H71c/6	6	29
	88	18	30	57	1,7	MK 2/2	20	H63c/2	2	15
	94	17,8	28	21	1,8	MK 5/2	10,63	H71b/4	4	24
	94	0	28	81	1,8	MK 5D/2	10,63	H71b/4	4	31
	97	17,6	28	97	3,6	MK 10/2	6,8	H80a/6	6	40
	97	0	28	97	3,6	MK 10D/2	6,8	H80a/6	6	49
	110	23	24	46	2	MK 2/2	15,97	H63c/2	2	15
	120	23	22	63	2,7	MK 5/2	8,32	H71b/4	4	24
	120	0	22	63	2,7	MK 5D/2	8,32	H71b/4	4	31
	129	25	21	45	1	MK 5/1	7,73	H71b/4	4	21
	129	0	21	45	1	MK 5D/1	7,73	H71b/4	4	28
	129	24	21	73	4,8	MK 10/2	5,1	H80a/6	6	40
	129	0	21	73	4,8	MK 10D/2	5,1	H80a/6	6	49
	130	24	21	39	4,4	MK 5/2	5,07	H71c/6	6	25
	130	0	21	39	4,4	MK 5D/2	5,07	H71c/6	6	32
	130	24	22	74	1,2	MK 10/1	5,06	H80a/6	6	34
	130	0	22	74	1,2	MK 10D/1	5,06	H80a/6	6	43
	134	24	21	38	1,6	MK 5/1	4,92	H71c/6	6	22
	134	0	21	38	1,6	MK 5D/1	4,92	H71c/6	6	29
	140	29	19	36	2,8	MK 2/2	12,5	H63c/2	2	15
	183	38	14,5	27	3,3	MK 2/2	9,55	H63c/2	2	15
	197	37	13,5	39	4,4	MK 5/2	5,07	H71b/4	4	24
	197	0	13,5	39	4,4	MK 5D/2	5,07	H71b/4	4	31
	201	37	14	25	2,8	MK 5/1	3,28	H71c/6	6	22
	201	0	14	25	2,8	MK 5D/1	3,28	H71c/6	6	29
	203	39	13,4	38	1,6	MK 5/1	4,92	H71b/4	4	21
203	0	13,4	38	1,6	MK 5D/1	4,92	H71b/4	4	28	
203	37	13,9	47	2,1	MK 10/1	3,26	H80a/6	6	34	
203	0	13,9	47	2,1	MK 10D/1	3,26	H80a/6	6	43	
217	45	12,5	24	1,2	MK 2/1	8,08	H63c/2	2	12	
234	48	11,4	21	4,8	MK 2/2	7,48	H63c/2	2	15	
305	58	8,9	25	2,8	MK 5/1	3,28	H71b/4	4	21	
305	0	8,9	25	2,8	MK 5D/1	3,28	H71b/4	4	28	
317	58	8,9	16,1	4,3	MK 5/1	2,08	H71c/6	6	22	
317	0	8,9	16,1	4,3	MK 5D/1	2,08	H71c/6	6	29	
350	72	7,8	14,5	2,8	MK 2/1	5	H63c/2	2	12	
351	72	7,6	14	7,1	MK 2/2	4,98	H63c/2	2	15	
388	71	7,3	25	4	MK 10/1	1,7	H80a/6	6	34	
388	0	7,3	25	4	MK 10D/1	1,7	H80a/6	6	43	
481	91	5,6	16,1	4,3	MK 5/1	2,08	H71b/4	4	21	
481	0	5,6	16,1	4,3	MK 5D/1	2,08	H71b/4	4	28	
561	115	4,8	9	5	MK 2/1	3,12	H63c/2	2	12	
660	120	4,4	15	1	MK 10	-	H80a/6	6	29	
660	0	4,4	15	1	MK 10D	-	H80a/6	6	38	
660	120	4,4	8	1	MK 5	-	H71c/6	6	18	
660	0	4,4	8	1	MK 5D	-	H71c/6	6	18	
936	193	2,9	5,4	10	MK 2/1	1,87	H63c/2	2	12	
1000	190	2,8	8	1	MK 5	-	H71b/4	4	17	
1000	0	2,8	8	1	MK 5D	-	H71b/4	4	24	
1750	360	1,6	3	1	MK 2	-	H63c/2	2	8	

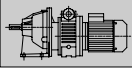




kW <sub>1</sub> HP <sub>1</sub>	max	min	min	max	sf		i		Poli Poles Polig	
	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm						
<b>0,55</b> <b>0,75</b>	16,9	3	241	350	1	MK 10/2	39,09	H80b/6	6	41
	16,9	0	241	350	1	MK 10D/2	39,09	H80b/6	6	50
	21	3,8	193	350	1	MK 10/2	31,27	H80b/6	6	41
	21	0	193	350	1	MK 10D/2	31,27	H80b/6	6	50
	26	4,7	156	350	1	MK 10/2	25,32	H80b/6	6	41
	26	0	156	350	1	MK 10D/2	25,32	H80b/4	6	50
	26	4,8	160	350	1	MK 10/2	39,09	H80a/4	4	40
	26	0	160	350	1	MK 10D/2	39,09	H80a/4	4	49
	32	6	128	350	1	MK10/2	31,27	H80a/4	4	40
	32	0	128	350	1	MK 10D/2	31,27	H80a/4	4	49
	33	5,9	125	289	1,2	MK 10/2	20,25	H80b/6	6	41
	33	0	125	289	1,2	MK 10D/2	20,25	H80b/6	6	50
	40	7,5	103	350	1	MK 10/2	25,32	H80a/4	4	40
	40	0	103	350	1	MK 10D/2	25,32	H80a/4	4	49
	40	7,3	101	233	1,5	MK 10/2	16,32	H80b/6	6	41
	40	0	101	233	1,5	MK 10D/2	16,32	H80b/6	6	50
	49	9,3	83	289	1,2	MK 10/2	20,25	H80a/4	4	40
	49	0	83	289	1,2	MK 10D/2	20,25	H80a/4	4	49
	51	9,3	83	160	1	MK 5/2	39,49	H71b/2	2	25
	51	0	83	160	1	MK 5D/2	39,49	H71b/2	2	32
	51	9,2	81	186	1,9	MK 10/2	13,05	H80b/6	6	41
	51	0	81	186	1,9	MK 10D/2	13,05	H80b/6	6	50
	61	11,6	67	233	1,5	MK 10/2	16,32	H80a/4	4	40
	61	0	67	233	1,5	MK 10D/2	16,32	H80a/4	4	49
	65	12,2	65	176	1	MK 5/2	30,91	H71b/2	2	25
	65	0	65	176	1	MK 5D/2	30,91	H71b/2	2	32
	67	12,2	61	140	2,5	MK 10/2	9,79	H80b/6	6	41
	67	0	61	140	2,5	MK 10D/2	9,79	H80b/6	6	50
	77	14,5	53	186	1,9	MK 10/2	13,05	H80a/4	4	40
	77	0	53	186	1,9	MK 10D/2	13,05	H80a/4	4	49
	78	14,1	53	121	2,6	MK 10/2	8,5	H80b/6	6	41
	78	0	53	121	2,6	MK 10D/2	8,5	H80b/6	6	50
	80	15,1	53	143	1,1	MK 5/2	25,16	H71b/2	2	25
	80	0	53	143	1,1	MK 5D/2	25,16	H71b/2	2	32
	85	15,3	49	90	1	MK 10/1	7,81	H80b/6	6	35
	85	0	49	90	1	MK 10D/1	7,81	H80b/6	6	35
	97	17,6	42	97	3,6	MK 10/2	6,8	H80b/6	6	41
	97	0	42	97	3,6	MK 10D/2	6,8	H80b/6	6	50
	102	19,2	41	112	1,5	MK 5/2	19,69	H71b/2	2	25
	102	0	41	112	1,5	MK 5D/2	19,69	H71b/2	2	32
102	19,4	40	140	2,5	MK 10/2	9,79	H80a/4	4	40	
102	0	40	140	2,5	MK 10D/2	9,79	H80a/4	4	49	
118	22	35	121	2,6	MK 10/2	8,5	H80a/4	4	40	
118	0	35	121	2,6	MK 10D/2	8,5	H80a/4	4	49	
119	23	35	95	1,6	MK 5/2	16,75	H71b/2	2	25	
119	0	35	95	1,6	MK 5D/2	16,75	H71b/2	2	32	
128	24	33	90	1	MK 10/1	7,81	H80a/4	4	34	
128	0	33	90	1	MK 10D/1	7,81	H80a/4	4	43	
129	24	32	73	4,8	MK 10/2	5,1	H80b/6	6	41	
129	0	32	73	4,8	MK 10D/2	5,1	H80b/6	6	50	
130	24	32	74	1,2	MK 10/1	5,06	H80b/6	6	35	
130	0	32	74	1,2	MK 10D/1	5,06	H80b/6	6	44	
147	28	28	97	3,6	MK 10/2	6,8	H80a/4	4	40	
147	0	28	97	3,6	MK 10D/2	6,8	H80a/4	4	49	
153	29	27	75	2,3	MK 5/2	13,11	H71b/2	2	25	
153	0	27	75	2,3	MK 5D/2	13,11	H71b/2	2	25	
188	36	22	61	2,5	MK 5/2	10,63	H71b/2	2	25	
188	0	22	61	2,5	MK 5D/2	10,63	H71b/2	2	32	
196	37	21	73	4,8	MK 10/2	5,1	H80a/4	4	40	
196	0	21	73	4,8	MK 10D/2	5,1	H80a/4	4	49	
198	38	21	74	1,2	MK 10/1	5,06	H80a/4	4	34	
198	0	21	74	1,2	MK 10D/1	5,08	H80a/4	4	43	
203	37	21	47	2,1	MK 10/1	3,26	H80b/6	6	35	
203	0	21	47	2,1	MK 10D/1	3,26	H80b/6	6	44	
240	46	17,4	47	3,6	MK 5/2	8,32	H71b/2	2	25	
240	0	17,4	47	3,6	MK 5D/2	8,32	H71b/2	2	32	

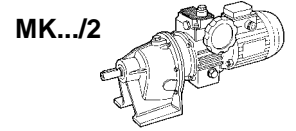
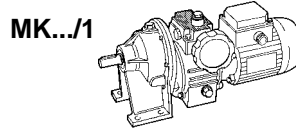
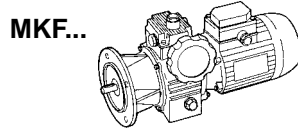
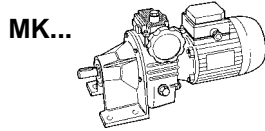


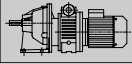


kW <sub>1</sub> HP <sub>1</sub>	max	min	min	max	sf		i		Poli Poles Polig	
	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm						
0,55 0,75	259	49	16,5	45	1	MK 5/1	7,73	H71b/2	2	22
	259	0	16,5	45	1	MK 5D/1	7,73	H71b/2	2	29
	307	58	13,6	47	2,1	MK 10/1	3,26	H80a/4	4	34
	307	0	13,6	47	2,1	MK 10D/1	3,26	H80a/4	4	43
	388	71	10,7	25	4	MK 10/1	1,7	H80b/6	6	35
	388	0	10,7	25	4	MK 10D/1	1,7	H80b/6	6	44
	395	75	10,6	29	5,8	MK 5/2	5,07	H71b/2	2	25
	395	0	10,6	29	5,8	MK 5D/2	5,07	H71b/2	2	32
	407	77	10,5	29	2,1	MK 5/1	4,92	H71b/2	2	22
	407	0	10,5	29	2,1	MK 5D/1	4,92	H71b/2	2	29
	588	112	7,1	25	4	MK 10/1	1,7	H80a/4	4	34
	588	0	7,1	25	4	MK 10D/1	1,7	H80a/4	4	43
	610	116	7	19	3,7	MK 5/1	3,28	H71b/2	2	22
	610	0	7	19	3,7	MK 5D/1	3,28	H71b/2	2	29
	660	120	6,5	15	1	MK 10	-	H80b/6	6	30
660	0	6,5	15	1	MK 10D	-	H80b/6	6	39	
962	183	4,4	12,1	5,8	MK 5/1	2,08	H71b/2	2	22	
962	0	4,4	12,1	5,8	MK 5D/1	2,08	H71b/2	2	29	
1000	190	4,3	15	1	MK 10	-	H80a/4	4	28	
1000	0	4,3	15	1	MK 10D	-	H80a/4	4	37	
2000	380	2,2	6	1	MK 5	-	H71b/2	2	18	
2000	0	2,2	6	1	MK 5D	-	H71b/2	2	25	
0,75 1	17,3	3,1	316	820	,9	MK 20/2	38,25	H90Sa/6	6	67
	17,3	0	316	820	,9	MK 20D/2	38,25	H90Sa/6	6	77
	22	3,9	253	800	1	MK 20/2	30,62	H90Sa/6	6	67
	22	0	253	800	1	MK 20D/2	30,62	H90Sa/6	6	67
	26	4,7	211	700	1	MK 20/2	25,5	H90Sa/6	6	67
	26	0	211	700	1	MK 20D/2	25,5	H90Sa/6	6	67
	26	4,8	215	350	1	MK 10/2	39,09	H80b/4	4	40
	26	0	215	350	1	MK 10D/2	39,09	H80b/4	4	40
	32	5,8	169	582	1,4	MK 20/2	20,42	H90Sa/6	6	67
	32	0	169	582	1,4	MK 20D/2	20,42	H90Sa/6	6	67
	32	6	172	350	1	MK 10/2	31,27	H80b/4	4	40
	32	0	172	350	1	MK 10D/2	31,27	H80b/4	4	49
	40	7,5	140	350	1	MK 10/2	25,32	H80b/4	4	40
	40	0	140	350	1	MK 10D/2	25,32	H80b/4	4	49
	41	7,4	133	457	1,5	MK 20/2	16,03	H90Sa/6	6	67
	41	0	133	457	1,5	MK 20D/2	16,03	H90Sa/6	6	67
	49	9,3	112	289	1,2	MK 10/2	20,25	H80b/4	4	40
	49	0	112	289	1,2	MK 10D/2	20,25	H80b/4	4	40
	51	9,6	105	160	1	MK 5/2	39,49	H71c/2	2	25
	51	0	105	160	1	MK 5D/2	39,49	H71c/2	2	32
	51	9,3	106	366	2	MK 20/2	12,83	H90Sa/6	6	67
	51	0	106	366	2	MK 20D/2	12,83	H90Sa/6	6	77
	61	11,6	90	233	1,5	MK 10/2	16,32	H80b/4	4	40
	61	0	90	233	1,5	MK 10D/2	16,32	H80b/4	4	49
	65	12,2	82	176	1	MK 5/2	30,91	H71c/2	2	25
	65	0	82	176	1	MK 5D/2	30,91	H71c/2	2	32
	69	12,4	80	275	2,7	MK 20/2	9,64	H90Sa/6	6	67
	69	0	80	275	2,7	MK 20D/2	9,64	H90Sa/6	6	77
	77	14,5	72	186	1,9	MK 10/2	13,05	H80b/4	4	40
	77	0	72	186	1,9	MK 10D/2	13,05	H80b/4	4	49
	79	14,3	69	238	3	MK 20/2	8,34	H90Sa/6	6	67
	79	0	69	238	3	MK 20D/2	8,34	H90Sa/6	6	77
	80	15,1	67	143	1,1	MK 5/2	25,16	H71c/2	2	25
80	0	67	143	1,1	MK 5D/2	25,16	H71c/2	2	32	
88	16	63	150	1	MK 20/1	7,5	H90Sa/6	6	67	
88	0	63	150	1	MK 20D/1	7,5	H90Sa/6	6	77	
99	17,9	55	190	3,9	MK 20/2	6,68	H90Sa/6	6	67	
99	0	55	190	3,9	MK 20D/2	6,68	H90Sa/6	6	77	
102	19,2	52	112	1,5	MK 5/2	19,68	H71c/2	2	25	
102	0	52	112	1,5	MK 5D/2	19,68	H71c/2	2	32	
102	19,4	54	140	2,5	MK 10/2	9,79	H80b/4	4	40	
102	0	54	140	2,5	MK 10D/2	9,79	H80b/4	4	49	
118	22	47	121	2,6	MK 10/2	8,5	H80b/4	4	40	
118	0	47	121	2,6	MK 10D/2	8,5	H80b/4	4	49	
119	23	45	95	1,6	MK 5/2	16,75	H71c/2	2	25	
119	0	45	95	1,6	MK 5D/2	16,75	H71c/2	2	32	

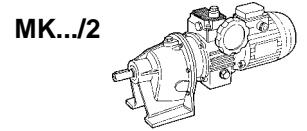
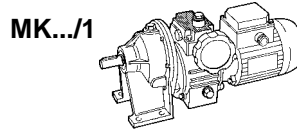
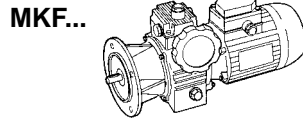
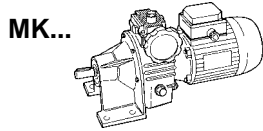


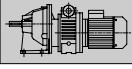


kW <sub>1</sub> HP <sub>1</sub>	max	min	min	max	sf		i		Poli Poles Polig	
	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm						
<b>0,75</b> <b>1</b>	128	24	44	90	1	<b>MK 10/1</b>	<b>7,81</b>	H80b/4	4	40
	128	0	44	90	1	<b>MK 10D/1</b>	<b>7,81</b>	H80b/4	4	49
	132	24	42	146	1,4	<b>MK 20/1</b>	<b>5</b>	H90Sa/6	6	67
	132	0	42	146	1,4	<b>MK 20D/1</b>	<b>5</b>	H90Sa/6	6	77
	132	24	42	143	5	<b>MK 20/2</b>	<b>5,02</b>	H90Sa/6	6	67
	132	0	42	143	5	<b>MK 20D/2</b>	<b>5,02</b>	H90Sa/6	6	77
	147	28	38	97	3,6	<b>MK 10/2</b>	<b>6,8</b>	H80b/4	4	40
	147	0	38	97	3,6	<b>MK 10D/2</b>	<b>6,8</b>	H80b/4	4	49
	153	29	35	75	2,3	<b>MK 5/2</b>	<b>13,11</b>	H71c/2	2	25
	153	0	35	75	2,3	<b>MK 5D/2</b>	<b>13,11</b>	H71c/2	2	32
	188	36	28	61	2,5	<b>MK 5/2</b>	<b>10,63</b>	H71c/2	2	25
	188	0	28	61	2,5	<b>MK 5D/2</b>	<b>10,63</b>	H71c/2	2	32
	196	37	28	73	4,8	<b>MK 10/2</b>	<b>5,1</b>	H80b/4	4	40
	196	0	28	73	4,8	<b>MK 10D/2</b>	<b>5,1</b>	H80b/4	4	49
	198	38	29	74	1,2	<b>MK 10/1</b>	<b>5,06</b>	H80b/4	4	34
	198	0	29	74	1,2	<b>MK 10D/1</b>	<b>5,06</b>	H80b/4	4	43
	210	38	27	91	2,2	<b>MK 20/1</b>	<b>3,14</b>	H90Sa/6	6	67
	210	0	27	91	2,2	<b>MK 20D/1</b>	<b>3,14</b>	H90Sa/6	6	77
	240	46	22	47	3,6	<b>MK 5/2</b>	<b>8,32</b>	H71c/2	2	25
	240	0	22	47	3,6	<b>MK 5D/2</b>	<b>8,32</b>	H71c/2	2	32
	259	49	21	45	1	<b>MK 5/1</b>	<b>7,73</b>	H71c/2	2	22
	259	0	21	45	1	<b>MK 5D/1</b>	<b>7,73</b>	H71c/2	2	29
	307	58	18,3	47	2,1	<b>MK 10/1</b>	<b>3,26</b>	H80b/4	4	34
	307	0	18,3	47	2,1	<b>MK 10D/1</b>	<b>3,26</b>	H80b/4	4	43
395	75	13,5	29	5,9	<b>MK 5/2</b>	<b>5,07</b>	H71c/2	2	25	
395	0	13,5	29	5,9	<b>MK 5D/2</b>	<b>5,07</b>	H71c/2	2	32	
405	74	13,8	47	4,2	<b>MK 20/1</b>	<b>1,63</b>	H90Sa/6	6	60	
405	0	13,8	47	4,2	<b>MK 20D/1</b>	<b>1,63</b>	H90Sa/6	6	70	
407	77	13,4	29	2,1	<b>MK 5/1</b>	<b>4,92</b>	H71c/2	2	22	
407	0	13,4	29	2,1	<b>MK 5D/1</b>	<b>4,92</b>	H71c/2	2	29	
588	112	9,6	25	4	<b>MK 10/1</b>	<b>1,7</b>	H80b/4	4	34	
588	0	9,6	25	4	<b>MK 10D/1</b>	<b>1,7</b>	H80b/4	4	43	
610	116	8,9	19	3,7	<b>MK 5/1</b>	<b>3,28</b>	H71c/2	2	22	
610	0	8,9	19	3,7	<b>MK 5D/1</b>	<b>3,26</b>	H71c/2	2	29	
660	120	8,7	30	1	<b>MK 20</b>	-	H90Sa/6	6	50	
660	0	8,7	30	1	<b>MK 20D</b>	-	H90Sa/6	6	60	
962	183	5,6	12,1	5,8	<b>MK 5/1</b>	<b>2,08</b>	H71c/2	2	22	
962	0	5,6	12,1	5,8	<b>MK 5D/1</b>	<b>2,08</b>	H71c/2	2	29	
1000	190	5,8	15	1	<b>MK 10</b>	-	H80b/4	4	30	
1000	0	5,8	15	1	<b>MK 10D</b>	-	H80b/4	4	39	
2000	380	2,8	6	1	<b>MK 5</b>	-	H71c/2	2	18	
2000	0	2,8	6	1	<b>MK 5D</b>	-	H71c/2	2	25	
<b>1,1</b> <b>1,5</b>	17,3	3,1	472	720	1	<b>MK 20/2</b>	<b>38,25</b>	H90Lb/6	6	70
	17,3	0	472	720	1	<b>MK 20D/2</b>	<b>38,25</b>	H90Sa/6	6	80
	22	3,9	378	800	1	<b>MK 20/2</b>	<b>30,62</b>	H90Lb/6	6	70
	22	0	378	800	1	<b>MK 20D/2</b>	<b>30,62</b>	H90Lb/6	6	80
	26	4,7	315	700	1	<b>MK 20/2</b>	<b>25,50</b>	H90Lb/6	6	70
	26	0	315	700	1	<b>MK 20D/2</b>	<b>25,50</b>	H90Lb/6	6	80
	26	4,9	313	720	1	<b>MK 20/2</b>	<b>38,25</b>	H90Sa/4	4	68
	26	0	313	720	1	<b>MK 20D/2</b>	<b>38,25</b>	H90Sa/4	4	78
	32	5,8	252	582	1,4	<b>MK 20/2</b>	<b>20,42</b>	H90Lb/6	6	70
	32	0	252	582	1,4	<b>MK 20D/2</b>	<b>20,42</b>	H90Lb/6	6	80
	33	6,2	250	800	1	<b>MK 20/2</b>	<b>30,62</b>	H90Sa/4	4	68
	33	0	250	800	1	<b>MK 20D/2</b>	<b>30,62</b>	H90Sa/4	4	78
	39	7,4	208	700	1	<b>MK 20/2</b>	<b>25,5</b>	H90Sa/4	4	68
	39	0	208	700	1	<b>MK 20D/2</b>	<b>25,5</b>	H90Sa/4	4	78
	41	7,4	198	457	1,5	<b>MK 20/2</b>	<b>16,03</b>	H90Lb/6	6	70
	41	0	198	457	1,5	<b>MK 20D/2</b>	<b>16,03</b>	H90Lb/6	6	80
	49	9,3	167	582	1,4	<b>MK 20/2</b>	<b>20,42</b>	H90Sa/4	4	68
	49	0	167	582	1,4	<b>MK 20D/2</b>	<b>20,42</b>	H90Sa/4	4	78
51	9,7	160	350	1	<b>MK 10/2</b>	<b>39,09</b>	H80b/2	2	42	
51	0	160	350	1	<b>MK 10D/2</b>	<b>39,09</b>	H80b/2	2	51	
51	9,3	159	366	2	<b>MK 20/2</b>	<b>12,83</b>	H90Lb/6	6	70	
51	0	159	366	2	<b>MK 20D/2</b>	<b>12,83</b>	H90Lb/6	6	80	
62	11,8	131	457	1,5	<b>MK 20/2</b>	<b>16,03</b>	H90Sa/4	4	68	
62	0	131	457	1,5	<b>MK 20D/2</b>	<b>16,03</b>	H90Sa/4	4	78	

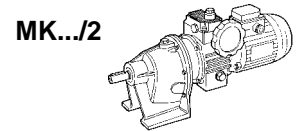
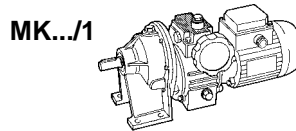
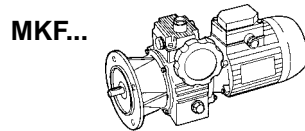
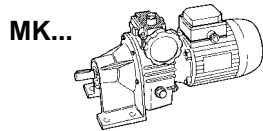


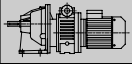




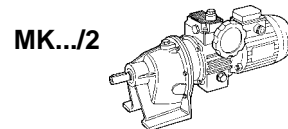
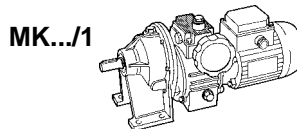
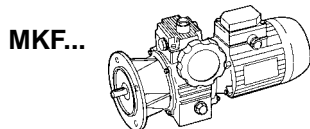
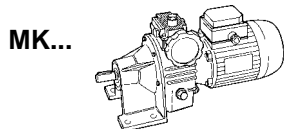
kW <sub>1</sub> HP <sub>1</sub>	max	min	min	max	sf		i		Poli Poles Polig	
	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm						
1,1 1,5	64	12,1	128	350	1	MK 10/2	31,27	H80b/2	2	42
	64	0	128	350	1	MK 10D/2	31,27	H80b/2	2	51
	69	12,4	119	275	2,7	MK 20D/2	9,64	H90Lb/6	6	70
	69	0	119	275	2,7	MK 20D/2	9,64	H90Lb/6	6	80
	78	14,8	105	366	2	MK 20/2	12,83	H90Sa/4	4	68
	78	0	105	366	2	MK 20D/2	12,83	H90Sa/4	4	78
	79	14,3	103	238	2,9	MK 20/2	8,34	H90Lb/6	6	70
	79	0	103	238	2,9	MK 20D/2	8,34	H90Lb/6	6	80
	79	15	103	289	1,2	MK 10/2	25,32	H80b/2	2	42
	79	0	103	289	1,2	MK 10D/2	25,32	H80b/2	2	51
	88	16	95	140	1	MK 20/1	7,5	H90Lb/6	6	70
	88	0	95	140	1	MK 20D/1	7,5	H90Lb/6	6	80
	99	18,7	83	231	1,5	MK 10/2	20,25	H80b/2	2	42
	99	0	83	231	1,5	MK 10D/2	20,25	H80b/2	2	51
	99	17,9	83	190	3,9	MK 20/2	6,68	H90Lb/6	6	70
	99	0	83	190	3,9	MK 20D/2	6,68	H90Lb/6	6	80
	104	19,7	79	275	2,7	MK 20/2	9,64	H90Sa/4	4	68
	104	0	79	275	2,7	MK 20D/2	9,64	H90Sa/4	4	78
	120	23	68	238	2,9	MK 20/2	8,34	H90Sa/4	4	68
	120	0	68	238	2,9	MK 20D/2	8,34	H90Sa/4	4	78
	123	23	67	186	1,9	MK 10/2	16,32	H80b/2	2	42
	123	0	67	186	1,9	MK 10D/2	16,32	H80b/2	2	51
	132	24	63	146	1,4	MK 20/1	5	H90Lb/6	6	70
	132	0	63	146	1,4	MK 20D1	5	H90Lb/6	6	80
	132	24	62	143	5,2	MK 20/2	5,02	H90Lb/6	6	70
	132	0	62	143	5,2	MK 20D/2	5,02	H90Lb/6	6	80
	133	25	63	150	1	MK 20/1	7,5	H90Sa/4	4	68
	133	0	63	150	1	MK 20D/1	7,5	H90Sa/4	4	78
	150	28	55	190	3,9	MK 20/2	6,68	H90Sa/4	4	68
	150	0	55	190	3,9	MK 20D/2	6,68	H90Sa/4	4	80
	153	29	53	149	2,3	MK 10/2	13,05	H80b/2	2	42
	153	0	53	149	2,3	MK 10D/2	13,05	H80b/2	2	51
	165	30	50	115	1,5	MK 20/1	4	H90Lb/6	6	70
	165	0	50	115	1,5	MK 20D/1	4	H90Lb/6	6	80
	199	38	41	143	5,2	MK 20/2	5,02	H90Sa/4	4	68
	199	0	41	143	5,2	MK 20D/2	5,02	H90Sa/4	4	78
	200	38	42	146	1,4	MK 20/1	5	H90Sa/4	4	61
	200	0	42	146	1,4	MK 20D/1	5	H90Sa/4	4	71
	204	39	40	112	3,1	MK 10/2	9,79	H80b/2	2	42
	204	0	40	112	3,1	MK 10D/2	9,79	H80b/2	2	51
	210	38	40	91	2,2	MK 20/1	3,14	H90Lb/6	6	63
	210	0	40	91	2,2	MK 20D/1	3,14	H90Lb/6	6	73
235	45	35	97	3,3	MK 10/2	8,5	H80b/2	2	42	
235	0	35	97	3,3	MK 10D/2	8,5	H80b/2	2	51	
250	47,5	33	115	1,3	MK 20/1	4	H90Sa/4	4	68	
250	0	33	115	1,3	MK 20D/1	4	H90Sa/4	4	78	
256	49	33	90	1	MK 10/1	7,81	H80b/2	2	36	
256	0	33	90	1	MK 10D/1	7,81	H80b/2	2	45	
264	48	31	72	2,5	MK 20/1	2,5	H90Lb/6	6	70	
264	0	31	72	2,5	MK 20D/1	2,5	H90Lb/6	6	80	
294	56	29	78	4,5	MK 10/2	6,8	H80b/2	2	42	
294	0	29	78	4,5	MK 10D/2	6,8	H80b/2	2	51	
319	61	26	91	2,2	MK 20/1	3,14	H90Sa/4	4	61	
319	0	26	91	2,2	MK 20D/1	3,44	H90Sa/4	4	71	
330	60	25	57	3,1	MK 20/1	2	H90Lb/6	6	70	
330	0	25	57	3,1	MK 20D/1	2	H90Lb/6	6	80	
392	75	21	58	6	MK 10/2	5,1	H80b/2	2	42	
392	0	21	58	6	MK 10D/2	5,1	H80b/2	2	51	
395	75	21	59	1,5	MK 10/1	5,06	H80b/2	2	36	
395	0	21	59	1,5	MK 10D/1	5,06	H80b/2	2	45	
400	76	21	72	2,4	MK 20/1	2,5	H90Sa/4	4	68	
400	0	21	72	2,4	MK 20D/1	2,5	H90Sa/4	4	78	
405	74	21	47	4,2	MK 20/1	1,63	H90Lb/6	6	63	
405	0	21	47	4,2	MK 20D/1	1,63	H90Lb/6	6	73	
496,2	90,2	17	38	4,7	MK 20/1	1,33	H90Lb/6	6	70	
496,2	0	17	38	4,7	MK 20D/1	1,33	H90Lb/6	6	80	

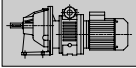




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	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm						
1,1 1,5	500	95	16	57	3	MK 20/1	2	H90Sa/4	4	68
	500	0	16	57	3	MK 20D/1	2	H90Sa/4	4	78
	614	117	13,6	47	4,2	MK 20/1	1,63	H90Sa/4	4	61
	614	0	13,6	47	4,2	MK 20D/1	1,63	H90Sa/4	4	71
	614	117	13,6	38	2,6	MK 10/1	3,26	H80b/2	2	42
	614	0	13,6	38	2,6	MK 10D/1	3,26	H80b/2	2	51
	660	120	13	30	1	MK 20	-	H90Lb/6	6	54
	660	0	13	30	1	MK 20D	-	H90Lb/6	6	64
	751,9	142,9	11	38	4,5	MK 20/1	1,33	H90Sa/4	4	68
	751,9	0	11	38	4,5	MK 20D/1	1,33	H90Sa/4	4	78
1000	190	8,6	30	1	MK 20	-	H90Sa/4	4	51	
1000	0	8,6	30	1	MK 20D	-	H90Sa/4	4	61	
1177	224	7,1	19,7	5	MK 10/1	1,7	H80b/2	2	42	
1177	0	7,1	19,7	5	MK 10D/1	1,7	H80b/2	2	51	
2000	380	4,34	12	1	MK 10	-	H80b/2	2	30	
2000	0	4,34	12	1	MK 10D	-	H80b/2	2	39	
1,5 2	22	3,9	495	1457	1	MK 30/2	30,67	H100La/6	6	126
	22	0	495	1457	1	MK 30D/2	30,67	H100La/6	6	151
	26	4,9	418	720	1	MK 20/2	38,25	H90Lb/4	4	69
	26	0	418	720	1	MK 20D/2	38,25	H90Lb/4	4	79
	28	5	388	1140	1,4	MK 30/2	24	H100La/6	6	126
	28	0	388	1140	1,4	MK 30D/2	24	H100La/6	6	151
	31	5,6	341	1003	1,4	MK 30/2	21,12	H100La/6	6	126
	31	0	341	1003	1,4	MK 30D/2	21,12	H100La/6	6	151
	33	6,2	335	800	1	MK 20/2	30,62	H90Lb/4	4	69
	33	0	335	800	1	MK 20D/2	30,62	H90Lb/4	4	79
	39	7,4	279	700	1	MK 20/2	25,5	H90Lb/4	4	69
	39	0	279	700	1	MK 20D/2	25,5	H90Lb/4	4	79
	40	7,2	267	785	1,9	MK 30/2	16,53	H100La/6	6	126
	40	0	267	785	1,9	MK 30D/2	16,53	H100La/6	6	151
	48	8,8	220	647	2,2	MK 30/2	13,63	H100La/6	6	126
	48	0	220	647	2,2	MK 30D/2	13,63	H100La/6	6	151
	49	9,3	223	582	1,4	MK 20/2	20,42	H90Lb/4	4	69
	49	0	223	582	1,4	MK 20D/2	20,42	H90Lb/4	4	79
	51	9,7	215	350	1	MK 10/2	39,09	H80c/2	2	66
	51	0	215	350	1	MK 10D/2	39,09	H80c/2	2	76
	52	9,9	211	720	1	MK 20/2	38,25	H90Sa/2	2	68
	52	0	211	720	1	MK 20D/2	38,25	H90Sa/2	2	78
	62	11,8	175	457	1,5	MK 20/2	16,03	H90Lb/4	4	69
	62	0	175	457	1,5	MK 20D/2	16,03	H90Lb/4	4	79
	62	11,2	172	505	2,8	MK 30/2	10,63	H100La/6	6	126
	62	0	172	505	2,8	MK 30D/2	10,63	H100La/6	6	151
	64	12,1	172	350	1	MK 10/2	31,27	H80c/2	2	41
	64	0	172	350	1	MK 10D/2	31,27	H80c/2	2	50
	65	12,4	169	727	1,1	MK 20/2	30,62	H90Sa/2	2	68
	65	0	169	727	1,1	MK 20D/2	30,62	H90Sa/2	2	78
	78	14,8	140	366	2	MK 20/2	12,83	H90Lb/4	4	69
	78	0	140	366	2	MK 20D/2	12,83	H90Lb/4	4	79
	78	14,9	141	606	1,1	MK 20/2	25,5	H90Sa/2	2	69
	78	0	141	606	1,1	MK 20D/2	25,5	H90Sa/2	2	78
	79	15	140	289	1,2	MK 10/2	25,32	H80c/2	2	41
	79	0	140	289	1,2	MK 10D/2	25,32	H80c/2	2	50
79	14,4	134	395	3,5	MK 30/2	8,32	H100La/6	6	126	
79	0	134	395	3,5	MK 30D/2	8,32	H100La/6	6	151	
98	18,6	113	485	1,6	MK 20/2	20,42	H90Sa/2	2	68	
98	0	113	485	1,6	MK 20D/2	20,42	H90Sa/2	2	78	
99	18,7	112	231	1,5	MK 10/2	20,25	H80c/2	2	41	
99	0	112	231	1,5	MK 10D/2	20,25	H80c/2	2	49	
102	18,4	105	309	4,5	MK 30/2	6,5	H100La/6	6	126	
102	0	105	309	4,5	MK 30D/2	6,5	H100La/6	6	151	
104	19,7	105	275	2,7	MK 20/2	9,64	H90Lb/4	4	69	
104	0	105	275	2,7	MK 20D/2	9,64	H90Lb/4	4	79	
110	20	99	291	1	MK 30/1	6	H100La/6	6	110	
110	0	99	291	1	MK 30D/1	6	H100La/6	6	135	
120	23	91	238	2,9	MK 20/2	8,34	H90Lb/4	4	69	
120	0	91	238	2,9	MK 20D/2	8,34	H90Lb/4	4	79	

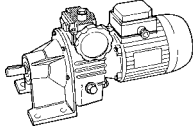


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	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm						
<b>1,5</b> <b>2</b>	123	23	90	186	1,9	<b>MK 10/2</b>	<b>16,32</b>	H80c/2	2	41
	123	0	90	186	1,9	<b>MK 10D/2</b>	<b>16,32</b>	H80c/2	2	50
	125	24	88	381	1,8	<b>MK 20/2</b>	<b>16,03</b>	H90Sa/2	2	68
	125	0	88	381	1,8	<b>MK 20D/2</b>	<b>16,03</b>	H90Sa/2	2	78
	130	24	82	241	5,8	<b>MK 30/2</b>	<b>5,07</b>	H100La/6	6	126
	130	0	82	241	5,8	<b>MK 30D/2</b>	<b>5,07</b>	H100La/6	6	151
	132	24	81	239	1,2	<b>MK 30/1</b>	<b>5</b>	H100La/6	6	110
	132	0	81	239	1,2	<b>MK 30D/1</b>	<b>5</b>	H100La/6	6	135
	133	25	84	150	1	<b>MK 20/1</b>	<b>7,5</b>	H90Lb/4	4	79
	133	0	84	150	1	<b>MK 20D/1</b>	<b>7,5</b>	H90Lb/4	4	79
	150	28	73	190	3,9	<b>MK 20/2</b>	<b>6,68</b>	H90Lb/4	4	69
	150	0	73	190	3,9	<b>MK 20D/2</b>	<b>6,68</b>	H90Lb/4	4	79
	153	29	72	149	2,3	<b>MK 10/2</b>	<b>13,05</b>	H80c/2	2	41
	153	29	72	149	2,3	<b>MK 10D/2</b>	<b>13,05</b>	H80c/2	2	50
	156	30	71	305	2,5	<b>MK 20/2</b>	<b>12,83</b>	H90Sa/2	2	68
	156	0	71	305	2,5	<b>MK 20D/2</b>	<b>12,83</b>	H90Sa/2	2	78
	160	29	68	200	1,7	<b>MK 30/1</b>	<b>4,13</b>	H100La/6	6	110
	160	0	68	200	1,7	<b>MK 30D/1</b>	<b>4,13</b>	H100La/6	6	135
	199	38	55	143	5,2	<b>MK 20/2</b>	<b>5,02</b>	H90Lb/4	4	69
	199	0	55	143	5,2	<b>MK 20D/2</b>	<b>5,02</b>	H90Lb/4	4	79
	200	38	56	146	1,4	<b>MK 20/1</b>	<b>5</b>	H90Lb/4	4	62
	200	0	56	146	1,4	<b>MK 20D/1</b>	<b>5</b>	H90Lb/4	4	72
	204	39	54	112	3,1	<b>MK 10/2</b>	<b>9,79</b>	H80c/2	2	41
	204	0	54	112	3,1	<b>MK 10D/2</b>	<b>9,79</b>	H80c/2	2	50
	208	39	53	229	3,3	<b>MK 20/2</b>	<b>9,64</b>	H90Sa/2	2	68
	208	0	53	229	3,3	<b>MK 20D/2</b>	<b>9,44</b>	H90Sa/2	2	78
	209,5	38,1	51	150	2,3	<b>MK 30/1</b>	<b>3,15</b>	H100La/6	6	110
	209,5	0	51	150	2,3	<b>MK 30D/1</b>	<b>3,15</b>	H100La/6	6	135
	235	45	47	97	3,3	<b>MK 10/2</b>	<b>8,5</b>	H80c/2	2	41
	235	0	47	97	3,3	<b>MK 10D/2</b>	<b>8,5</b>	H80c/2	2	50
	240	46	46	198	3,5	<b>MK 20/2</b>	<b>8,34</b>	H90Sa/2	2	68
	240	0	46	198	3,5	<b>MK 20D/2</b>	<b>8,34</b>	H90Sa/2	2	78
	247	45	44	129	3,1	<b>MK 30/1</b>	<b>2,67</b>	H100La/6	6	110
	247	0	44	129	3,1	<b>MK 30D/1</b>	<b>2,67</b>	H100La/6	6	135
	250	47,5	44	115	1,3	<b>MK 20/1</b>	<b>4</b>	H90Lb/4	4	62
	250	0	44	115	1,3	<b>MK 20D/1</b>	<b>4</b>	H90Lb/4	4	72
	256	49	44	90	1	<b>MK 10/1</b>	<b>7,81</b>	H80c/2	2	35
	256	0	44	90	1	<b>MK 10D/1</b>	<b>7,81</b>	H80c/2	2	44
	267	51	42	140	1	<b>MK 20/1</b>	<b>7,5</b>	H90Sa/2	2	61
	267	0	42	140	1	<b>MK 20D/1</b>	<b>7,5</b>	H90Sa/2	2	71
	294	56	38	78	4,5	<b>MK 10/2</b>	<b>6,8</b>	H80c/2	2	41
	294	0	38	78	4,5	<b>MK 10D/2</b>	<b>6,8</b>	H80c/2	2	50
299	57	37	159	4,7	<b>MK 20/2</b>	<b>6,68</b>	H90Sa/2	2	68	
299	0	37	159	4,7	<b>MK 20D/2</b>	<b>6,68</b>	H90Sa/2	2	78	
317	58	34	101	4	<b>MK 30/1</b>	<b>2,08</b>	H100La/6	6	110	
317	0	34	101	4	<b>MK 30D/1</b>	<b>2,08</b>	H100La/6	6	135	
319	61	35	91	2,2	<b>MK 20/1</b>	<b>3,14</b>	H90Lb/4	4	62	
319	0	35	91	2,2	<b>MK 20D/1</b>	<b>3,14</b>	H90Lb/4	4	72	
392	75	28	58	6	<b>MK 10/2</b>	<b>5,1</b>	H80c/2	2	41	
392	0	28	58	6	<b>MK 10D/2</b>	<b>5,1</b>	H80c/2	2	50	
395	75	29	59	1,5	<b>MK 10/1</b>	<b>5,06</b>	H80c/2	2	35	
395	0	29	59	1,5	<b>MK 10D/1</b>	<b>5,06</b>	H80c/2	2	44	
398	76	28	119	6,3	<b>MK 20/2</b>	<b>5,02</b>	H90Sa/2	2	68	
398	0	28	119	6,3	<b>MK 20D/2</b>	<b>5,02</b>	H90Sa/2	2	78	
400	76	28	121	1,6	<b>MK 20/1</b>	<b>5</b>	H90Sa/2	2	61	
400	0	28	121	1,6	<b>MK 20D/1</b>	<b>5</b>	H90Sa/2	2	71	
400	76	27	72	2,4	<b>MK 20/1</b>	<b>2,5</b>	H90Lb/4	4	62	
400	0	27	72	2,4	<b>MK 20D/1</b>	<b>2,5</b>	H90Lb/4	4	72	
496,2	90,2	22	64	5,4	<b>MK 30/1</b>	<b>1,33</b>	H100La/6	6	110	
496,2	0	22	64	5,4	<b>MK 30D/1</b>	<b>1,33</b>	H100La/6	6	135	
500	95	22	57	3	<b>MK 20/1</b>	<b>2</b>	H90Lb/4	4	62	
500	0	22	57	3	<b>MK 20D/1</b>	<b>2</b>	H90Lb/4	4	72	
500	95	22	96	1,3	<b>MK 20/1</b>	<b>4</b>	H90Sa/2	2	61	
500	0	22	96	1,3	<b>MK 20D/1</b>	<b>4</b>	H90Sa/2	2	71	
614	117	18,2	47	4,2	<b>MK 20/1</b>	<b>1,63</b>	H90Lb/4	4	62	
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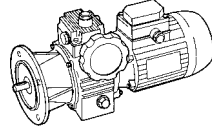


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	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm							
1,5 2	614 614	117 0	18,3 18,3	38 38	2,6 2,6	MK 10/1 MK 10D/1	3,26 3,26	H80c/2 H80c/2	2 2	35 44	
	637 637	121 0	17,7 17,7	76 76	2,6 2,6	MK 20/1 MK 20D/1	3,14 3,14	H90Sa/2 H90Sa/2	2 2	61 71	
	660 660	120 0	17 17	50 50	1 1	MK 30 MK 30D	- -	H100La/6 H100La/6	6 6	88 113	
	751,9 751,9	142,9 0	15 15	38 38	4,5 4,5	MK 20/1 MK 20D/1	1,33 1,33	H90Lb/4 H90Lb/4	4 4	62 72	
	800 800	152 0	14 14	60 60	2,2 2,2	MK 20/1 MK 20D/1	2,5 2,5	H90Sa/2 H90Sa/2	2 2	61 71	
	1000 1000	190 0	11,5 11,5	30 30	1 1	MK 20 MK 20D	- -	H90Lb/4 H90Lb/4	4 4	52 62	
	1000 1000	190 0	11 11	48 48	2,7 2,7	MK 20/1 MK 20D/1	2 2	H90Sa/2 H90Sa/2	2 2	61 71	
	1503,8 1503,8	285,7 0	7 7	32 32	4,1 4,1	MK 20/1 MK 20D/1	1,33 1,33	H90Sa/2 H90Sa/2	2 2	61 71	
	1177 1177	224 0	9,6 9,6	19,7 19,7	5 5	MK 10/1 MK 10D/1	1,7 1,7	H80c/2 H80c/2	2 2	35 44	
	1227 1227	233 0	9,2 9,2	40 40	5 5	MK 20/1 MK 20D/1	1,63 1,63	H90Sa/2 H90Sa/2	2 2	61 71	
	2000 2000	380 0	5,8 5,8	25 25	1 1	MK 20 MK 20D	- -	H90Sa/2 H90Sa/2	2 2	51 61	
	2000 2000	380 0	5,8 5,8	12 12	1 1	MK 10 MK 10D	- -	H80c/2 H80c/2	2 2	30 39	
	1,8 2,5	22 22	3,9 0	787 787	1456 1456	1 1	MK 30/2 MK 30D/2	30,67 30,67	H100Lb/6 H100Lb/6	6 6	130 155
		22 22	3,9 0	641 641	1550 1550	1 1	MK 50/2 MK 50D/2	30,67 30,67	H100Lb/6 H100Lb/6	6 6	135 160
26 26		4,9 0	502 502	720 720	1 1	MK 20/2 MK 20D/2	38,25 38,25	H90c/4 H90c/4	4 4	69 79	
28 28		5 0	502 502	1600 1600	1 1	MK 50/2 MK 50D/2	24 24	H100Lb/6 H100Lb/6	6 6	135 160	
28 28		5 0	616 616	1140 1140	1,4 1,4	MK 30/2 MK 30D/2	24 24	H100Lb/6 H100Lb/6	6 6	130 155	
31 31		5,6 0	441 441	1445 1445	1 1	MK 50/2 MK 50D/2	21,12 21,12	H100Lb/6 H100Lb/6	6 6	135 160	
31 31		5,6 0	542 542	1003 1003	1,4 1,4	MK 30/2 MK 30D/2	21,12 21,12	H100Lb/6 H100Lb/6	6 6	130 155	
33 33		6,2 0	402 402	800 800	1 1	MK 20/2 MK 20D/2	30,62 30,62	H90c/4 H90c/4	4 4	69 79	
39 39		7,4 0	335 335	800 800	1 1	MK 20/2 MK 20D/2	25,5 25,5	H90c/4 H90c/4	4 4	69 79	
40 40		7,2 0	424 424	785 785	1,9 1,9	MK 30/2 MK 30D/2	16,53 16,53	H100Lb/6 H100Lb/6	6 6	130 155	
40 40		7,2 0	346 346	1131 1131	1,3 1,3	MK 50/2 MK 50D/2	16,53 16,53	H100Lb/6 H100Lb/6	6 6	135 160	
48 48		8,8 0	350 350	647 647	2,2 2,2	MK 30/2 MK 30D/2	13,63 13,63	H100Lb/6 H100Lb/6	6 6	130 155	
48 48		8,8 0	285 285	932 932	1,5 1,5	MK 50/2 MK 50D/2	13,63 13,63	H100Lb/6 H100Lb/6	6 6	135 160	
49 49		9,3 0	268 268	582 582	1,4 1,4	MK 20/2 MK 20D/2	20,42 20,42	H90c/4 H90c/4	4 4	69 79	
62 62		11,2 0	273 273	505 505	2,8 2,8	MK 30/2 MK 30D/2	10,63 10,63	H100Lb/6 H100Lb/6	6 6	130 155	
62 62		11,2 0	222 222	727 727	1,9 1,9	MK 50/2 MK 50D/2	10,63 10,63	H100Lb/6 H100Lb/6	6 6	135 160	
62 62		11,8 0	210 210	457 457	1,5 1,5	MK 20/2 MK 20D/2	16,03 16,03	H90c/4 H90c/4	4 4	69 79	
78 78		14,8 0	168 168	366 366	2 2	MK 20/2 MK 20D/2	12,83 12,83	H90c/4 H90c/4	4 4	69 79	
79 79		14,4 0	213 213	395 395	3,5 3,5	MK 30/2 MK 30D/2	8,32 8,32	H100Lb/6 H100Lb/6	6 6	130 155	
79 79		14,4 0	174 174	569 569	2,5 2,5	MK 50/2 MK 50D/2	8,32 8,32	H100Lb/6 H100Lb/6	6 6	135 160	
102 102		18,4 0	167 167	309 309	4,5 4,5	MK 30/2 MK 30D/2	6,5 6,5	H100Lb/6 H100Lb/6	6 6	130 155	
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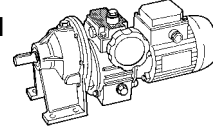
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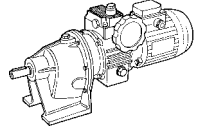
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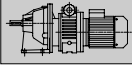




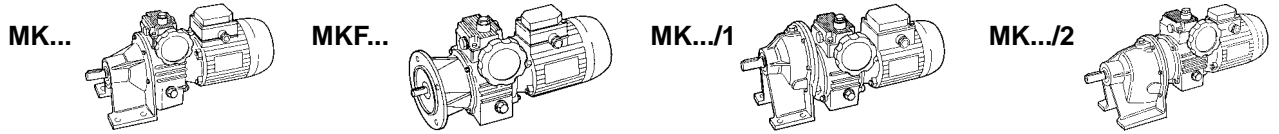
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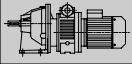




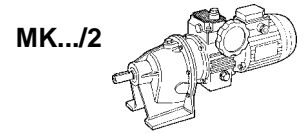
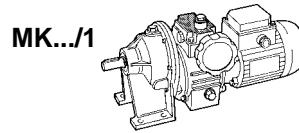
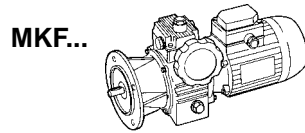
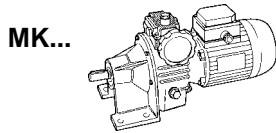
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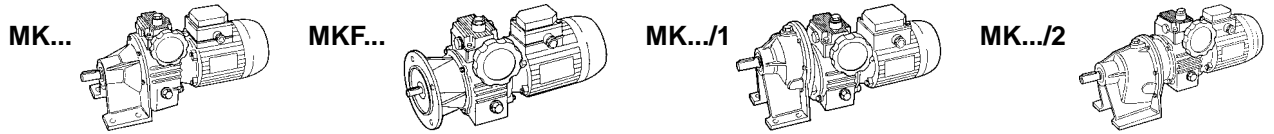
kW <sub>1</sub> HP <sub>1</sub>	max	min	min	max	sf		i		Poli Poles Polig	
	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm						
<b>1,8</b> <b>2,5</b>	104	19,7	126	275	2,7	MK 20/2	9,64	H90c/4	4	69
	104	0	126	275	2,7	MK 20D/2	9,64	H90c/4	4	79
	110	20	157	291	1	MK 30/1	6	H100Lb/6	6	113
	110	0	157	291	1	MK 30D/1	6	H100Lb/6	6	138
	110	20	128	300	1	MK 50/1	6	H100Lb/6	6	117
	110	0	128	300	1	MK 50D/1	6	H100Lb/6	6	142
	120	23	109	238	2,9	MK 20/2	4	H90c/4	4	69
	120	0	109	238	2,9	MK 20D/2	4	H90c/4	4	79
	130	24	106	347	4	MK 50/2	5,07	H100Lb/6	6	135
	130	0	106	347	4	MK 50D/2	5,07	H100Lb/6	6	160
	130	24	130	241	5,8	MK 30/2	5,07	H100Lb/6	6	130
	130	0	130	241	5,8	MK 30D/2	5,07	H100Lb/6	6	155
	132	24	66	143	1,2	MK 20/1	5	H100Lb/6	6	53
	132	0	66	143	1,2	MK 20D/1	5	H100Lb/6	6	63
	132	24	129	239	1,2	MK 30/1	5	H100Lb/6	6	113
	132	0	129	239	1,2	MK 30D/1	5	H100Lb/6	6	138
	132	24	105	344	0,8	MK 50/1	5	H100Lb/6	6	117
	132	0	105	344	0,8	MK 50D/1	5	H100Lb/6	6	142
	133	25	101	150	1	MK 20/1	7,5	H90c/4	4	69
	133	0	101	150	1	MK 20D/1	7,5	H90c/4	4	79
	150	28	88	190	3,9	MK 20/2	6,68	H90c/4	4	69
	150	0	88	190	3,9	MK 20D/2	6,68	H90c/4	4	79
	160	29	88	288	1,2	MK 50/2	4,13	H100Lb/6	6	135
	160	0	88	288	1,2	MK 50D/2	4,13	H100Lb/6	6	160
	160	29	108	200	1,7	MK 30/2	4,13	H100Lb/6	6	130
	160	0	108	200	1,7	MK 30D/2	4,13	H100Lb/6	6	155
	165	30	53	115	1,5	MK 20/1	4	H100Lb/6	6	53
	165	0	53	115	1,5	MK 20D/1	4	H100Lb/6	6	63
	199	38	66	143	5,2	MK 20/2	5,02	H90c/4	4	69
	199	0	66	143	5,2	MK 20D/2	5,02	H90c/4	4	79
	200	38	67	146	1,4	MK 20/1	5	H90c/4	4	63
	200	0	67	146	1,4	MK 20D/1	5	H90c/4	4	73
	209,5	38,1	81	150	2,3	MK 30/1	3,15	H100Lb/6	6	113
	209,5	0	81	150	2,3	MK 30D/1	3,15	H100Lb/6	6	138
	209,5	38,1	66	217	1,6	MK 50/1	3,15	H100Lb/6	6	117
	209,5	0	66	217	1,6	MK 50D/1	3,15	H100Lb/6	6	142
	210,2	38,2	41	90	2	MK 20/1	3,14	H100Lb/6	6	53
	210,2	0	41	90	2	MK 20D/1	3,14	H100Lb/6	6	63
	247	45	57	186	2,1	MK 50/1	2,67	H100Lb/6	6	117
	247	0	57	186	2,1	MK 50D/1	2,67	H100Lb/6	6	142
	247	45	70	129	3,1	MK 30/1	2,67	H100Lb/6	6	113
	247	0	70	129	3,1	MK 30D/1	2,67	H100Lb/6	6	138
	264	48	33	72	2,5	MK 20/1	2,5	H100Lb/6	6	53
	264	0	33	72	2,5	MK 20D/1	2,5	H100Lb/6	6	63
	317	58	44	145	2,8	MK 50/1	2,08	H100Lb/6	6	117
317	0	44	145	2,8	MK 50D/1	2,08	H100Lb/6	6	142	
317	58	55	101	4	MK 30/1	2,08	H100Lb/6	6	113	
317	0	55	101	4	MK 30D/1	2,08	H100Lb/6	6	138	
319	61	42	91	2,2	MK 20/1	3,14	H90c/4	4	63	
319	0	42	91	2,2	MK 20D/1	3,14	H90c/4	4	73	
330	60	26	57	3,1	MK 20/1	2	H100Lb/6	6	53	
330	0	26	57	3,1	MK 20D/1	2	H100Lb/6	6	63	
404,9	73,6	21	47	3,9	MK 20/1	1,63	H100Lb/6	6	53	
404,9	0	21	47	3,9	MK 20D/1	1,63	H100Lb/6	6	63	
496,2	90,2	18	38	4,7	MK 20/1	1,33	H100Lb/6	6	53	
496,2	0	18	38	4,7	MK 20D/1	1,33	H100Lb/6	6	63	
496,2	90,2	34	64	5,4	MK 30/1	1,33	H100Lb/6	6	113	
496,2	0	34	64	5,4	MK 30D/1	1,33	H100Lb/6	6	138	
496,2	90,2	28	91	3,7	MK 50/1	1,33	H100Lb/6	6	117	
496,2	0	28	91	3,7	MK 50D/1	1,33	H100Lb/6	6	142	
614	117	21,8	47	4,2	MK 20/1	1,63	H90c/4	4	63	
614	0	21,8	47	4,2	MK 20D/1	1,63	H90c/4	4	73	
660	120	27	50	1	MK 30	-	H100Lb/6	6	87	
660	0	27	50	1	MK 30D	-	H100Lb/6	6	112	
660	120	22	72	1	MK 50	-	H100Lb/6	6	90	
660	0	22	72	1	MK 50D	-	H100Lb/6	6	115	
660	120	13,8	30	1	MK 20	-	H100Lb/6	6	53	
660	0	13,8	30	1	MK 20D	-	H100Lb/6	6	63	

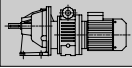




kW <sub>1</sub> HP <sub>1</sub>	max	min	min	max	sf		i		Poli Poles Polig	
	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm						
2,2	22	3,9	758	1500	1	MK 50/2	30,67	H100Ma/6	6	138
	22	0	758	1500	1					
3	28	5	593	1600	1	MK 50/2	24	H100Ma/6	6	138
	28	0	593	1600	1					
	31	5,6	522	1445	1	MK 50/2	21,12	H100Ma/6	6	138
	31	0	522	1445	1					
	33	6,1	495	1457	1	MK 30/2	30,67	H100La/4	4	127
	33	0	495	1457	1					
	40	7,2	408	1131	1,3	MK 50/2	16,53	H100Ma/6	6	138
	40	0	408	1131	1,3					
	42	7,9	388	1140	1,4	MK 30/2	24	H100La/4	4	127
	42	0	388	1140	1,4					
	47	8,9	341	1003	1,4	MK 30/2	21,12	H100La/4	4	127
	47	0	341	1003	1,4					
	48	8,8	337	932	1,5	MK 50/2	13,63	H100Ma/6	6	138
	48	0	337	932	1,5					
	52	9,9	312	720	1	MK 20/2	38,25	H90Lb/2	2	70
	52	0	312	720	1					
	61	11,4	267	785	1,9	MK 30/2	16,53	H100La/4	4	76
	61	0	267	785	1,9					
	62	11,2	263	727	1,6	MK 50/2	10,63	H100Ma/6	6	138
	62	0	263	727	1,6					
	65	12,4	250	727	1,1	MK 20/2	30,62	H90Lb/2	2	70
	65	0	250	727	1,1					
	73	13,9	220	647	2,2	MK 30/2	13,63	H100La/4	4	127
	73	0	220	647	2,2					
	78	14,9	208	606	1,1	MK 20/2	25,5	H90Lb/2	2	70
	78	0	208	606	1,1					
	79	14,4	206	569	2,5	MK 50/2	8,32	H100Ma/6	6	138
	79	0	206	569	2,5					
	94	17,8	172	505	2,8	MK 30/2	10,63	H100La/4	4	127
	94	0	172	505	2,8					
	98	18,6	167	485	1,6	MK 20/2	20,42	H90Lb/2	2	70
	98	0	167	485	1,6					
	102	18,4	161	445	3,1	MK 50/2	6,5	H100Ma/6	6	138
	102	0	161	445	3,1					
	110	20	151	300	1	MK 50/1	6	H100Ma/6	6	120
	110	0	151	300	1					
	120	23	134	395	3,5	MK 30/2	8,32	H100La/4	4	127
	120	0	134	395	3,5					
	125	24	131	381	1,8	MK 20/2	16,03	H90Lb/2	2	70
	125	0	131	381	1,8					
	130	24	125	347	4	MK 50/2	5,07	H100Ma/6	6	138
	130	0	125	347	4					
	132	24	124	344	0,8	MK 50/1	5	H100Ma/6	6	120
	132	0	124	344	0,8					
	154	29	105	309	4,5	MK 30/2	6,5	H100La/4	4	127
	154	0	105	309	4,5					
	156	30	105	305	2,5	MK 20/2	12,83	H90Lb/2	2	70
	156	0	105	305	2,5					
	160	29	104	288	1,2	MK 50/1	4,13	H100Ma/6	6	120
	160	0	104	288	1,2					
	167	32	99	291	1	MK 30/1	6	H100La/4	4	110
	167	0	99	291	1					
	197	37	82	241	5,8	MK 30/2	5,07	H100La/4	4	127
	197	0	82	241	5,8					
	208	39	79	229	3,3	MK 20/2	9,64	H90Lb/2	2	70
	208	0	79	229	3,3					
	240	46	68	198	3,5	MK 20/2	8,34	H90Lb/2	2	70
	240	0	68	198	3,5					
	242	46	68	200	1,7	MK 30/1	4,13	H100La/4	4	110
	242	0	68	200	1,7					
	247	45	67	186	2,1	MK 50/1	2,67	H100Ma/6	6	120
	247	0	67	186	2,1					
	267	51	63	150	1	MK 20/1	7,5	H90Lb/2	2	70
	267	0	63	150	1					
	299	57	55	159	4,7	MK 20/2	6,68	H90Lb/2	2	70
	299	0	55	159	4,7					



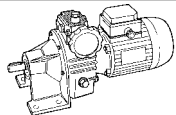
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	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm						
<b>2,2</b> <b>3</b>	317	58	53	145	2,8	<b>MK 50/1</b>	<b>2,08</b>	H100Ma/6	6	120
	317	0	53	145	2,8					
	200	38	81	239	1,1	<b>MK 30/1</b>	<b>5</b>	H100La/4	4	110
	200	0	81	239	1,1					
	209,5	38,1	78	217	1,6	<b>MK 50/1</b>	<b>3,15</b>	H100Ma/6	6	120
	209,5	0	78	217	1,6					
	317,5	60,3	51	150	2	<b>MK 30/1</b>	<b>3,15</b>	H100La/4	4	110
	317,5	0	51	150	2					
	375	71	44	129	3,1	<b>MK 30/1</b>	<b>2,67</b>	H100La/4	4	110
	375	0	44	129	3,1					
	398	76	41	119	6,3	<b>MK 20/2</b>	<b>5,02</b>	H90Lb/2	2	70
	398	0	41	119	6,3					
	400	76	42	121	1,6	<b>MK 20/1</b>	<b>5</b>	H90Lb/2	2	63
	400	0	42	121	1,6					
	481	91	34	101	4	<b>MK 30/1</b>	<b>2,08</b>	H100La/4	4	110
	481	0	34	101	4					
	496,2	90,2	33	91	3,7	<b>MK 50/1</b>	<b>1,33</b>	H100Ma/6	6	120
	496,2	0	33	91	3,7					
	500	95	33	96	1,3	<b>MK 20/1</b>	<b>4</b>	H90Lb/2	2	63
	500	0	33	96	1,3					
637	121	26	76	1,7	<b>MK 20/1</b>	<b>3,14</b>	H90Lb/2	2	63	
637	0	26	76	1,7						<b>MK 20D/1</b>
660	120	26	72	1	<b>MK 50</b>	<b>-</b>	H100Ma/6	6	102	
660	0	26	72	1						<b>MK 50D</b>
751,9	142,9	22	64	4,6	<b>MK 30/1</b>	<b>1,33</b>	H100La/4	4	110	
751,9	142,9	22	64	4,6						<b>MK 30D/1</b>
800	152	21	60	2,2	<b>MK 20/1</b>	<b>2,5</b>	H90Lb/2	2	63	
800	0	21	60	2,2						<b>MK 20D/1</b>
1000	190	17	50	1	<b>MK 30</b>	<b>-</b>	H100La/4	4	84	
1000	0	17	50	1						<b>MK 30D</b>
1000	190	16	48	2,7	<b>MK 20/1</b>	<b>2</b>	H90Lb/2	2	63	
1000	0	16	48	2,7						<b>MK 20D/1</b>
1503,8	285,7	11	32	4,1	<b>MK 20/1</b>	<b>1,33</b>	H90Lb/2	2	63	
1503,8	0	11	32	4,1						<b>MK 20D/1</b>
1227	233	13,6	40	5	<b>MK 20/1</b>	<b>1,63</b>	H90Lb/2	2	63	
1227	0	13,6	40	5						<b>MK 20D/1</b>
2000	380	8,6	25	1	<b>MK 20</b>	<b>-</b>	H90Lb/2	2	53	
2000	0	8,6	25	1						<b>MK 20D</b>
<b>3</b> <b>4</b>	20	3,6	1096	2800	1	<b>MK 100/2</b>	<b>32,96</b>	H132Sa/6	6	240
	20	0	1096	2800	1					
	25	4,5	877	3000	1	<b>MK 100/2</b>	<b>26,38</b>	H132Sa/6	6	240
	25	0	877	3000	1					
	32	5,7	689	2700	1	<b>MK 100/2</b>	<b>20,72</b>	H132Sa/6	6	240
	32	0	689	2700	1					
	33	6,1	670	1500	1	<b>MK 50/2</b>	<b>30,67</b>	H100Lb/4	4	135
	33	0	670	1500	1					
	33	6,1	670	1457	1	<b>MK 30/2</b>	<b>30,67</b>	H100Lb/4	4	130
	33	0	670	1457	1					
	40	7,2	552	2522	1,2	<b>MK100/2</b>	<b>16,59</b>	H132Sa/6	6	240
	40	0	552	2522	1,2					
	42	7,9	524	1140	1,4	<b>MK 30/2</b>	<b>24</b>	H100Lb/4	4	130
	42	0	524	1140	1,4					
	42	7,9	524	1600	1	<b>MK 50/2</b>	<b>24</b>	H100Lb/4	4	135
	42	0	524	1600	1					
	47	8,9	462	1003	1,4	<b>MK 30/2</b>	<b>21,12</b>	H100Lb/4	4	130
	47	0	462	1003	1,4					
	47	8,9	462	1445	1	<b>MK 50/2</b>	<b>21,12</b>	H100Lb/4	4	135
	47	0	462	1445	1					
48	8,7	455	2079	1,2	<b>MK 100/2</b>	<b>13,68</b>	H132Sa/6	6	240	
48	0	455	2079	1,2						<b>MK 100D/2</b>
60	10,9	364	1664	1,7	<b>MK 100/2</b>	<b>10,95</b>	H132Sa/6	6	240	
60	0	364	1664	1,7						<b>MK 100D/2</b>
61	11,4	361	785	1,9	<b>MK 30/2</b>	<b>16,53</b>	H100Lb/4	4	130	
61	0	361	785	1,9						<b>MK 30D/2</b>
61	11,4	361	1131	1,3	<b>MK 50/2</b>	<b>16,53</b>	H100Lb/4	4	135	
61	0	361	1131	1,3						<b>MK 50D/2</b>



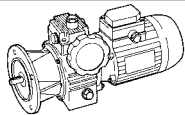
kW <sub>1</sub> HP <sub>1</sub>	max	min	min	max	sf		i		Poli Poles Polig	
	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm						
<b>3</b>	73	13,9	298	647	2,2	<b>MK 30/2</b>	<b>13,63</b>	H100Lb/4	4	130
	73	0	298	647	2,2	<b>MK 30D/2</b>	<b>13,63</b>	H100Lb/4	4	155
<b>4</b>	73	13,9	298	932	1,5	<b>MK 50/2</b>	<b>13,63</b>	H100Lb/4	4	135
	73	0	298	932	1,5	<b>MK 50D/2</b>	<b>13,63</b>	H100Lb/4	4	160
	76	13,8	288	1318	2	<b>MK 100/2</b>	<b>8,67</b>	H132Sa/6	6	240
	76	0	288	1318	2	<b>MK 100D/2</b>	<b>8,67</b>	H132Sa/6	6	278
	94	17,8	232	727	1,9	<b>MK 50/2</b>	<b>10,63</b>	H100Lb/4	4	136
	94	0	232	727	1,9	<b>MK 50D/2</b>	<b>10,63</b>	H100Lb/4	4	160
	94	17,8	232	505	2,8	<b>MK 30/2</b>	<b>10,63</b>	H100Lb/4	4	130
	94	0	232	505	2,8	<b>MK 30D/2</b>	<b>10,63</b>	H100Lb/4	4	155
	95	17,2	231	1055	2,6	<b>MK 100/2</b>	<b>6,94</b>	H132Sa/6	6	240
	95	0	231	1055	2,6	<b>MK 100D/2</b>	<b>6,94</b>	H132Sa/6	6	278
	102	18,5	219	650	1	<b>MK 100/1</b>	<b>6,46</b>	H100Lb/4	4	160
	102	0	219	650	1	<b>MK 100D/1</b>	<b>6,46</b>	H100Lb/4	4	198
	120	23	182	569	2,5	<b>MK 50/2</b>	<b>8,32</b>	H100Lb/4	4	135
	120	0	182	569	2,5	<b>MK 50D/2</b>	<b>8,32</b>	H100Lb/4	4	160
	120	23	182	395	3,5	<b>MK 30/2</b>	<b>8,32</b>	H100Lb/4	4	130
	120	0	182	395	3,5	<b>MK 30D/2</b>	<b>8,32</b>	H100Lb/4	4	155
	127	23	173	792	3,5	<b>MK 100/2</b>	<b>5,21</b>	H132Sa/6	6	240
	127	0	173	792	3,5	<b>MK 100D/2</b>	<b>5,21</b>	H132Sa/6	6	278
	154	29	142	309	4,5	<b>MK 30/2</b>	<b>6,5</b>	H100Lb/4	4	130
	154	0	142	309	4,5	<b>MK 30D/2</b>	<b>6,5</b>	H100Lb/4	4	155
	154	29	142	445	3,1	<b>MK 50/2</b>	<b>6,5</b>	H100Lb/4	4	135
	154	0	142	445	3,1	<b>MK 50D/2</b>	<b>6,5</b>	H100Lb/4	4	160
	163	30	138	630	1,1	<b>MK 100/1</b>	<b>4,06</b>	H132Sa/6	6	240
	163	0	138	630	1,1	<b>MK 100D/1</b>	<b>4,06</b>	H132Sa/6	6	278
	167	32	134	291	1	<b>MK 30/1</b>	<b>6</b>	H100Lb/4	4	130
	167	0	134	291	1	<b>MK 30D/1</b>	<b>6</b>	H100Lb/4	4	155
	167	32	134	300	1	<b>MK 50/1</b>	<b>6</b>	H100Lb/4	4	135
	167	0	134	300	1	<b>MK 50D/1</b>	<b>6</b>	H100Lb/4	4	160
	197	37	111	347	4	<b>MK 50/2</b>	<b>5,07</b>	H100Lb/4	4	135
	197	0	111	347	4	<b>MK 50D/2</b>	<b>5,07</b>	H100Lb/4	4	160
	197	37	111	241	5,8	<b>MK 30/2</b>	<b>5,07</b>	H100Lb/4	4	130
	197	0	111	241	5,8	<b>MK 30D/2</b>	<b>5,07</b>	H100Lb/4	4	155
	200	38	110	239	1,1	<b>MK 30/1</b>	<b>5</b>	H100Lb/4	4	130
	200	0	110	239	1,1	<b>MK 30D/1</b>	<b>5</b>	H100Lb/4	4	135
	200	38	110	344	0,8	<b>MK 50/1</b>	<b>5</b>	H100Lb/4	4	135
	200	0	110	344	0,8	<b>MK 50D/1</b>	<b>5</b>	H100Lb/4	4	160
	242	46	92	288	1,2	<b>MK 50/1</b>	<b>4,13</b>	H100Lb/4	4	135
	242	0	92	288	1,2	<b>MK 50D/1</b>	<b>4,13</b>	H100Lb/4	4	160
	242	46	92	200	1,7	<b>MK 30/1</b>	<b>4,13</b>	H100Lb/4	4	130
	242	0	92	200	1,7	<b>MK 30D/1</b>	<b>4,13</b>	H100Lb/4	4	155
	246	45	91	416	1,7	<b>MK 100/1</b>	<b>2,68</b>	H132Sa/6	6	185
	246	0	91	416	1,7	<b>MK 100D/1</b>	<b>2,68</b>	H132Sa/6	6	223
	317,5	60,3	69	150	2	<b>MK 30/1</b>	<b>3,15</b>	H100Lb/4	4	130
	317,5	0	69	150	2	<b>MK 30D/1</b>	<b>3,15</b>	H100Lb/4	4	135
	317,5	60,3	69	217	1,4	<b>MK 50/1</b>	<b>3,15</b>	H100Lb/4	4	135
	317,5	0	69	217	1,4	<b>MK 50D/1</b>	<b>3,15</b>	H100Lb/4	4	160
	375	71	60	186	2,1	<b>MK 50/1</b>	<b>2,67</b>	H100Lb/4	4	135
	375	0	60	186	2,1	<b>MK 50D/1</b>	<b>2,67</b>	H100Lb/4	4	160
	375	71	60	129	3,1	<b>MK 30/1</b>	<b>2,67</b>	H100Lb/4	4	130
	375	0	60	129	3,1	<b>MK 30D/1</b>	<b>2,67</b>	H100Lb/4	4	155
	388	71	58	264	2,3	<b>MK 100/1</b>	<b>1,7</b>	H132Sa/6	6	240
	388	0	58	264	2,3	<b>MK 100D/1</b>	<b>1,7</b>	H132Sa/6	6	278
	481	91	46	101	4	<b>MK 30/1</b>	<b>2,08</b>	H100Lb/4	4	130
	481	0	46	101	4	<b>MK 30D/1</b>	<b>2,08</b>	H100Lb/4	4	155
	481	91	46	145	2,8	<b>MK 50/1</b>	<b>2,08</b>	H100Lb/4	4	135
	481	0	46	145	2,8	<b>MK 50D/1</b>	<b>2,08</b>	H100Lb/4	4	160
	666	120	35	160	1	<b>MK 100</b>	-	H132Sa/6	6	155
	666	0	35	160	1	<b>MK 100D</b>	-	H132Sa/6	6	193
	751,9	142,9	29	64	4,6	<b>MK 30/1</b>	<b>1,33</b>	H100Lb/4	4	130
	751,9	0	29	64	4,6	<b>MK 30D/1</b>	<b>1,33</b>	H100Lb/4	4	135
	751,9	142,9	29	91	3,2	<b>MK 50/1</b>	<b>1,33</b>	H100Lb/4	4	135
	751,9	0	29	91	3,2	<b>MK 50D/1</b>	<b>1,33</b>	H100Lb/4	4	160
	1000	190	23	50	1	<b>MK 30</b>	-	H100Lb/4	4	88
	1000	0	23	50	1	<b>MK 30D</b>	-	H100Lb/4	4	113
	1000	190	23	72	1	<b>MK 50</b>	-	H100Lb/4	4	90
	1000	0	23	72	1	<b>MK 50D</b>	-	H100Lb/4	4	115



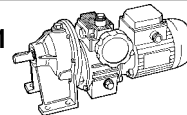
MK...



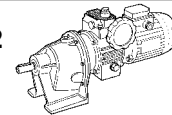
MKF...

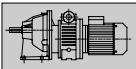




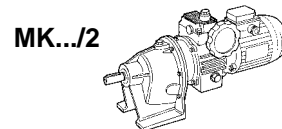
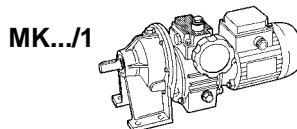
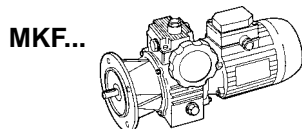
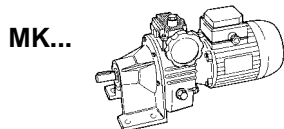
MK.../1



MK.../2

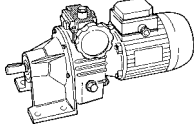


kW <sub>1</sub> HP <sub>1</sub>	max		min		sf		i		Poli Poles Polig	
	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm						
4 5,5	20	3,6	1503	2800	1	MK 100/2	32,96	H132Mb/6	6	250
	20	0	1503	2800	1	MK 100D/2	32,96	H132Mb/6	6	288
	25	4,5	1203	3000	1	MK 100/2	26,38	H132Mb/6	6	250
	25	0	1203	3000	1	MK 100D/2	26,38	H132Mb/6	6	288
	32	5,7	945	2700	1	MK 100/2	20,72	H132Mb/6	6	250
	32	0	945	2700	1	MK 100D/2	20,72	H132Mb/6	6	288
	33	6,1	903	1500	1	MK 50/2	30,67	H112Mb/4	4	146
	33	0	903	1500	1	MK 50D/2	30,67	H112Mb/4	4	171
	40	7,2	757	2522	1,2	MK 100/2	16,59	H132Mb/6	6	250
	40	0	757	2522	1,2	MK 100D/2	16,59	H132Mb/6	6	288
	42	7,9	707	1600	1	MK 50/2	24	H112Mb/4	4	146
	42	0	707	1600	1	MK 50D/2	24	H112Mb/4	4	171
	47	8,9	622	1445	1	MK 50/2	21,12	H112Mb/4	4	146
	47	0	622	1445	1	MK 50D/2	21,12	H112Mb/4	4	171
	48	8,7	624	2079	1,2	MK 100/2	13,68	H132Mb/6	6	250
	48	0	624	2079	1,2	MK 100D/2	13,68	H132Mb/6	6	288
	60	10,9	499	1664	1,7	MK 100/2	10,95	H132Mb/6	6	250
	60	0	499	1664	1,7	MK 100D/2	10,95	H132Mb/6	6	288
	61	11,4	487	1131	1,3	MK 50/2	16,53	H112Mb/4	4	146
	61	0	487	1131	1,3	MK 50D/2	16,53	H112Mb/4	4	171
	73	13,9	401	932	1,6	MK 50/2	13,63	H112Mb/4	4	146
	73	0	401	932	1,6	MK 50D/2	13,63	H112Mb/4	4	171
	76	13,8	395	1318	2	MK 100/2	8,67	H132Mb/6	6	250
	76	0	395	1318	2	MK 100D/2	8,67	H132Mb/6	6	288
	94	17,8	313	727	1,9	MK 50/2	10,63	H112Mb/4	4	146
	94	0	313	727	1,9	MK 50D/2	10,63	H112Mb/4	4	171
	95	17,2	317	1055	2,6	MK 100/2	6,94	H132Mb/6	6	250
	95	0	317	1055	2,6	MK 100D/2	6,94	H132Mb/6	6	288
	102	18,5	301	650	1	MK 100/1	6,46	H132Mb/6	6	195
	102	0	301	650	1	MK 100D/1	6,46	H132Mb/6	6	233
	120	23	245	569	2,5	MK 50/2	8,32	H112Mb/4	4	146
	120	0	245	569	2,5	MK 50D/2	8,32	H112Mb/4	4	171
	127	23	238	792	3,5	MK 100/2	5,21	H132Mb/6	6	250
127	0	238	792	3,5	MK 100D/2	5,21	H132Mb/6	6	288	
146,7	26,7	206	688	0,7	MK 100/1	4,5	H132Mb/6	6	195	
146,7	0	206	688	0,7	MK 100D/1	4,5	H132Mb/6	6	233	
154	29	191	445	3,1	MK 50/2	6,5	H112Mb/4	4	146	
154	0	191	445	3,1	MK 50D/2	6,5	H112Mb/4	4	171	
163	30	189	630	1,1	MK 100/1	4,06	H132Mb/6	6	195	
163	0	189	630	1,1	MK 100D/1	4,06	H132Mb/6	6	233	
167	32	180	300	1	MK 50/1	6	H112Mb/4	4	140	
167	0	180	300	1	MK 50D/1	6	H112Mb/4	4	152	
197	37	149	347	4	MK 50/2	5,07	H112Mb/4	4	146	
197	0	149	347	4	MK 50D/2	5,07	H112Mb/4	4	171	
200	38	148	344	0,8	MK 50/1	5	H112Mb/4	4	140	
200	0	148	344	0,8	MK 50D/1	5	H112Mb/4	4	152	
202,5	36,8	149	498	1,1	MK 100/1	3,26	H132Mb/6	6	195	
202,5	0	149	498	1,1	MK 100D/1	3,26	H132Mb/6	6	233	
242	46	124	288	1,2	MK 50/1	4,13	H112Mb/4	4	140	
242	0	124	288	1,2	MK 50D/1	4,13	H112Mb/4	4	152	
246	45	125	416	1,7	MK 100/1	2,68	H132Mb/6	6	195	
246	0	125	416	1,7	MK 100D/1	2,68	H132Mb/6	6	233	
317,5	60,3	93	217	1,4	MK 50/1	3,15	H112Mb/4	4	140	
317,5	0	93	217	1,4	MK 50D/1	3,15	H112Mb/4	4	152	
330	60	92	306	1,7	MK 100/1	2	H132Mb/6	6	195	
330	0	92	306	1,7	MK 100D/1	2	H132Mb/6	6	233	
375	71	80	186	2,1	MK 50/1	2,67	H112Mb/4	4	140	
375	0	80	186	2,1	MK 50D/1	2,67	H112Mb/4	4	152	
388	71	79	264	2,3	MK 100/1	1,7	H132Mb/6	6	195	
388	0	79	264	2,3	MK 100D/1	1,7	H132Mb/6	6	233	
481	91	63	145	2,8	MK 50/1	2,08	H112Mb/4	4	140	
481	0	63	145	2,8	MK 50D/1	2,08	H112Mb/4	4	152	
496,2	90,2	61	203	2,5	MK 100/1	1,33	H132Mb/6	6	195	
496,2	0	61	203	2,5	MK 100D/1	1,33	H132Mb/6	6	233	
660	120	48	160	1	MK 100	-	H132Mb/6	6	160	
660	0	48	160	1	MK 100D	-	H132Mb/6	6	198	
751,9	142,9	39	91	3,2	MK 50/1	1,33	H112Mb/4	4	140	
751,9	0	39	91	3,2	MK 50D/1	1,33	H112Mb/4	4	152	
1000	190	31	72	1	MK 50	-	H112Mb/4	4	100	
1000	0	31	72	1	MK 50D	-	H112Mb/4	4	125	

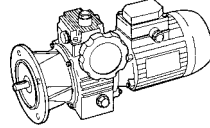


kW <sub>1</sub> HP <sub>1</sub>	max	min	min	max	sf		i		Poli Poles Polig	
	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm						
<b>5,5</b> <b>7,5</b>	20	3,6	2035	2800	1	<b>MK 100/ 2</b>	<b>32,96</b>	H132Mc/6	6	255
	20	0	2035	2800	1	<b>MK 100D/2</b>	<b>32,96</b>	H132Mc/6	6	293
	25	4,5	1629	3000	1	<b>MK 100/2</b>	<b>26,38</b>	H132Mc/6	6	255
	25	0	1629	3000	1	<b>MK 100D/2</b>	<b>26,38</b>	H132Mc/6	6	293
	30	5,7	1346	2800	1	<b>MK 100/2</b>	<b>32,96</b>	H132Sa/4	4	240
	30	0	1346	2800	1	<b>MK 100D/2</b>	<b>32,96</b>	H132Sa/4	4	278
	32	5,7	1280	2700	1	<b>MK 100/2</b>	<b>20,72</b>	H132Mc/6	6	250
	32	0	1280	2700	1	<b>MK 100D/2</b>	<b>20,72</b>	H132Mc/6	6	288
	38	7,2	1078	3000	1	<b>MK 100/2</b>	<b>26,38</b>	H132Sa/4	4	240
	38	0	1078	3000	1	<b>MK 100D/2</b>	<b>26,38</b>	H132Sa/4	4	278
	40	7,2	1024	2522	1,2	<b>MK 100/2</b>	<b>16,59</b>	H132Mc/6	6	255
	40	0	1024	2522	1,2	<b>MK 100D/2</b>	<b>16,59</b>	H132Mc/6	6	293
	48	8,7	845	2079	1,2	<b>MK 100/2</b>	<b>13,68</b>	H132Mc/6	6	255
	48	0	845	2079	1,2	<b>MK 100D/2</b>	<b>13,68</b>	H132Mc/6	6	293
	48	9,2	846	2700	1	<b>MK 100/2</b>	<b>20,72</b>	H132Sa/4	4	240
	48	0	846	2700	1	<b>MK 100D/2</b>	<b>20,72</b>	H132Sa/4	4	278
	60	11,4	678	2522	1,2	<b>MK 100/2</b>	<b>16,59</b>	H132Sa/4	4	240
	60	0	678	2522	1,2	<b>MK 100D/2</b>	<b>16,59</b>	H132Sa/4	4	278
	60	10,9	676	1664	1,7	<b>MK 100/2</b>	<b>10,95</b>	H132Mc/6	6	255
	60	0	676	1664	1,7	<b>MK 100D/2</b>	<b>10,95</b>	H132Mc/6	6	293
	73	13,8	559	2079	1,2	<b>MK 100/2</b>	<b>13,68</b>	H132Sa/4	4	240
	73	0	559	2079	1,2	<b>MK 100D/2</b>	<b>13,68</b>	H132Sa/4	4	278
	76	13,8	535	1318	2	<b>MK 100/2</b>	<b>8,67</b>	H132Mc/6	6	255
	76	0	535	1318	2	<b>MK 100D/2</b>	<b>8,67</b>	H132Mc/6	6	293
	91	17,3	447	1664	1,7	<b>MK 100/2</b>	<b>10,95</b>	H132Sa/4	4	250
	91	0	447	1664	1,7	<b>MK 100D/2</b>	<b>10,95</b>	H132Sa/4	4	278
	95	17,2	429	1055	2,6	<b>MK 100/2</b>	<b>6,94</b>	H132Mc/6	6	255
	95	0	429	1055	2,6	<b>MK 100D/2</b>	<b>6,94</b>	H132Mc/6	6	293
	102	18,5	407	650	1	<b>MK 100/1</b>	<b>6,46</b>	H132Mc/6	6	200
	102	0	407	650	1	<b>MK 100D/1</b>	<b>6,46</b>	H132Mc/6	6	238
	115	22	354	1318	2	<b>MK 100/2</b>	<b>8,67</b>	H132Sa/4	4	240
	115	0	354	1318	2	<b>MK 100D/2</b>	<b>8,67</b>	H132Sa/4	4	278
	127	23	322	792	3,5	<b>MK 100/2</b>	<b>5,21</b>	H132Mc/6	6	255
	127	0	322	792	3,5	<b>MK 100D/2</b>	<b>5,21</b>	H132Mc/6	6	293
	144	27	284	1055	2,6	<b>MK 100/2</b>	<b>6,94</b>	H132Sa/4	4	240
	144	0	284	1055	2,6	<b>MK 100D/2</b>	<b>6,94</b>	H132Sa/4	4	278
	146,7	26,7	279	688	0,7	<b>MK 100/1</b>	<b>4,5</b>	H132Mc/6	6	200
	146,7	0	279	688	0,7	<b>MK 100D/1</b>	<b>4,5</b>	H132Mc/6	6	238
	155	29	269	650	1	<b>MK 100/1</b>	<b>6,46</b>	H132Sa/4	4	185
	155	0	269	650	1	<b>MK 100D/1</b>	<b>6,46</b>	H132Sa/4	4	223
	163	30	256	630	1,1	<b>MK 100/1</b>	<b>4,06</b>	H132Mc/6	6	200
	163	0	256	630	1,1	<b>MK 100D/1</b>	<b>4,06</b>	H132Mc/6	6	238
	192	36	213	792	3,5	<b>MK 100/2</b>	<b>5,21</b>	H132Sa/4	4	240
	192	0	213	792	3,5	<b>MK 100D/2</b>	<b>5,21</b>	H132Sa/4	4	278
202,5	36,8	202	498	1,1	<b>MK 100/1</b>	<b>3,26</b>	H132Mc/6	6	200	
202,5	0	202	498	1,1	<b>MK 100D/1</b>	<b>3,26</b>	H132Mc/6	6	238	
222,2	42,2	185	688	0,6	<b>MK 100/1</b>	<b>4,5</b>	H132Sa/4	4	185	
222,2	0	185	688	0,6	<b>MK 100D/1</b>	<b>4,5</b>	H132Sa/4	4	223	
246	45	169	416	1,7	<b>MK 100/1</b>	<b>2,68</b>	H132Mc/6	6	200	
246	0	169	416	1,7	<b>MK 100D/1</b>	<b>2,68</b>	H132Mc/6	6	238	
246	47	169	630	1,1	<b>MK 100/1</b>	<b>4,06</b>	H132Sa/4	4	185	
246	0	169	630	1,1	<b>MK 100D/1</b>	<b>4,06</b>	H132Sa/4	4	223	
306,7	58,3	134	498	0,9	<b>MK 100/1</b>	<b>3,26</b>	H132Sa/4	4	185	
306,7	0	134	498	0,9	<b>MK 100D/1</b>	<b>3,26</b>	H132Sa/4	4	223	
330	60	124	306	1,7	<b>MK 100/1</b>	<b>2</b>	H132Mc/6	6	200	
330	0	124	306	1,7	<b>MK 100D/1</b>	<b>2</b>	H132Mc/6	6	238	
373	71	112	416	1,7	<b>MK 100/1</b>	<b>2,68</b>	H132Sa/4	4	185	
373	0	112	416	1,7	<b>MK 100D/1</b>	<b>2,68</b>	H132Sa/4	4	223	
388	71	107	264	2,3	<b>MK 100/1</b>	<b>1,7</b>	H132Mc/6	6	200	
388	0	107	264	2,3	<b>MK 100D/1</b>	<b>1,7</b>	H132Mc/6	6	238	
496,2	90,2	83	203	2,5	<b>MK 100/1</b>	<b>1,33</b>	H132Mc/6	6	200	
496,2	0	83	203	2,5	<b>MK 100D/1</b>	<b>1,33</b>	H132Mc/6	6	238	
500	95	82	306	1,5	<b>MK 100/1</b>	<b>2</b>	H132Sa/4	4	185	
500	0	82	306	1,5	<b>MK 100D/1</b>	<b>2</b>	H132Sa/4	4	223	
588	112	71	264	2,3	<b>MK 100/1</b>	<b>1,7</b>	H132Sa/4	4	185	
588	0	71	264	2,3	<b>MK 100D/1</b>	<b>1,7</b>	H132Sa/4	4	223	

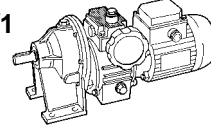
MK...



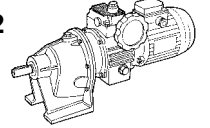
MKF...

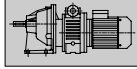




MK.../1

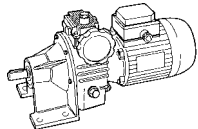


MK.../2

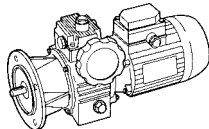


kW <sub>1</sub> HP <sub>1</sub>	max	min	min	max	sf		i		Poli Poles Polig	
	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm						
<b>5,5</b> <b>7,5</b>	666	120	65	160	1	<b>MK 100</b>	-	H132Mc/6	6	165
	666	0	65	160	1	<b>MK 100D</b>	-	H132Sa/4	6	203
	751,9	142,9	55	203	2,1	<b>MK 100/1</b>	<b>1,33</b>	H132Sa/4	4	185
	751,9	0	55	203	2,1	<b>MK 100D/1</b>	<b>1,33</b>	H132Sa/4	4	223
	1000	190	43	160	1	<b>MK 100</b>	-	H132Sa/4	4	150
	1000	0	43	160	1	<b>MK 100D</b>	-	H132Sa/4	4	188
<b>7,5</b> <b>10</b>	30	5,7	1816	2800	1	<b>MK 100/2</b>	<b>32,96</b>	H132Mb/4	4	250
	30	0	1816	2800	1	<b>MK 100D/2</b>	<b>32,96</b>	H132Mb/4	4	288
	38	7,2	1454	3000	1	<b>MK 100/2</b>	<b>26,38</b>	H132Mb/4	4	250
	38	0	1454	3000	1	<b>MK 100D/2</b>	<b>26,38</b>	H132Mb/4	4	288
	48	9,2	1142	2700	1	<b>MK 100/2</b>	<b>20,72</b>	H132Mb/4	4	250
	48	0	1142	2700	1	<b>MK 100D/2</b>	<b>20,72</b>	H132Mb/4	4	288
	60	11,4	914	2522	1,2	<b>MK 100/2</b>	<b>16,59</b>	H132Mb/4	4	250
	60	0	914	2522	1,2	<b>MK 100D/2</b>	<b>16,59</b>	H132Mb/4	4	288
	73	13,8	754	2079	1,2	<b>MK 100/2</b>	<b>13,68</b>	H132Mb/4	4	250
	73	0	754	2079	1,2	<b>MK 100D/2</b>	<b>13,68</b>	H132Mb/4	4	288
	91	17,3	603	1664	1,7	<b>MK 100/2</b>	<b>10,95</b>	H132Mb/4	4	250
	91	0	603	1664	1,7	<b>MK 100D/2</b>	<b>10,95</b>	H132Mb/4	4	288
	115	22	477	1318	2	<b>MK 100/2</b>	<b>8,67</b>	H132Mb/4	4	250
	115	0	477	1318	2	<b>MK 100D/2</b>	<b>8,67</b>	H132Mb/4	4	288
	144	27	382	1055	2,6	<b>MK 100/2</b>	<b>6,94</b>	H132Mb/4	4	250
	144	0	382	1055	2,6	<b>MK 100D/2</b>	<b>6,94</b>	H132Mb/4	4	288
	155	29	363	650	1	<b>MK 100/1</b>	<b>6,46</b>	H132Mb/4	4	195
	155	0	363	650	1	<b>MK 100D/1</b>	<b>6,46</b>	H132Mb/4	4	233
	192	36	287	792	3,5	<b>MK 100/2</b>	<b>5,21</b>	H132Mb/4	4	250
	192	0	287	792	3,5	<b>MK 100D/2</b>	<b>5,21</b>	H132Mb/4	4	288
222,2	42,2	249	688	0,6	<b>MK 100/1</b>	<b>4,5</b>	H132Mb/4	4	195	
222,2	0	249	688	0,6	<b>MK 100D/1</b>	<b>4,5</b>	H132Mb/4	4	233	
246	47	228	630	1,1	<b>MK 100/1</b>	<b>4,06</b>	H132Mb/4	4	195	
246	0	228	630	1,1	<b>MK 100D/1</b>	<b>4,06</b>	H132Mb/4	4	233	
306,7	58,3	181	498	0,9	<b>MK 100/1</b>	<b>3,26</b>	H132Mb/4	4	195	
306,7	0	181	498	0,9	<b>MK 100D/1</b>	<b>3,26</b>	H132Mb/4	4	233	
373	71	151	416	1,7	<b>MK 100/1</b>	<b>2,68</b>	H132Mb/4	4	195	
373	0	151	416	1,7	<b>MK 100D/1</b>	<b>2,68</b>	H132Mb/4	4	233	
500	95	111	306	1,5	<b>MK 100/1</b>	<b>2</b>	H132Mb/4	4	195	
500	0	111	306	1,5	<b>MK 100D/1</b>	<b>2</b>	H132Mb/4	4	233	
588	112	96	264	2,3	<b>MK 100/1</b>	<b>1,7</b>	H132Mb/4	4	195	
588	0	96	264	2,3	<b>MK 100D/1</b>	<b>1,7</b>	H132Mb/4	4	233	
751,9	142,9	74	203	2,1	<b>MK 100/1</b>	<b>1,33</b>	H132Mb/4	4	195	
751,9	0	74	203	2,1	<b>MK 100D/1</b>	<b>1,33</b>	H132Mb/4	4	233	
1000	190	58	160	1	<b>MK 100</b>	-	H132Mb/4	4	160	
1000	0	58	160	1	<b>MK 100D</b>	-	H132Mb/4	4	198	

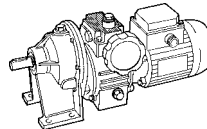
MK...



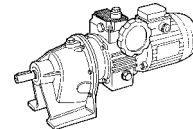
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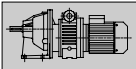




MK.../1



MK.../2



kW <sub>1</sub> HP <sub>1</sub>	max	min	min	max	sf		i		Poli Poles Polig	
	n <sub>2</sub> min <sup>-1</sup>	n <sub>2</sub> min <sup>-1</sup>	M <sub>2</sub> Nm	M <sub>2</sub> Nm						
<b>9,2</b> <b>12,5</b>	38	7,2	1804	3000	1	<b>MK 100/2</b>	<b>26,38</b>	H132Mc/4	4	255
	38	0	1804	3000	1	<b>MK 100D/2</b>	<b>26,38</b>	H132Mc/4	4	293
	48	9,2	1417	2700	1	<b>MK 100/2</b>	<b>20,72</b>	H132Mc/4	4	255
	48	0	1417	2700	1	<b>MK 100D/2</b>	<b>20,72</b>	H132Mc/4	4	293
	60	11,4	1135	2522	1,2	<b>MK 100/2</b>	<b>16,59</b>	H132Mc/4	4	255
	60	0	1135	2522	1,2	<b>MK 100D/2</b>	<b>16,59</b>	H132Mc/4	4	293
	73	13,8	936	2079	1,2	<b>MK 100/2</b>	<b>13,68</b>	H132Mc/4	4	255
	73	0	936	2079	1,2	<b>MK 100D/2</b>	<b>13,68</b>	H132Mc/4	4	293
	91	17,3	749	1664	1,7	<b>MK 100/2</b>	<b>10,95</b>	H132Mc/4	4	255
	91	0	749	1664	1,7	<b>MK 100D/2</b>	<b>10,95</b>	H132Mc/4	4	293
	115	22	593	1318	2	<b>MK 100/2</b>	<b>8,67</b>	H132Mc/4	4	255
	115	0	593	1318	2	<b>MK 100D/2</b>	<b>8,67</b>	H132Mc/4	4	293
	144	27	475	1055	2,6	<b>MK 100/2</b>	<b>6,94</b>	H132Mc/4	4	255
	144	0	475	1055	2,6	<b>MK 100D/2</b>	<b>6,94</b>	H132Mc/4	4	293
	192	36	356	792	3,5	<b>MK 100/2</b>	<b>5,21</b>	H132Mc/4	4	255
	192	0	356	792	3,5	<b>MK 100D/2</b>	<b>5,21</b>	H132Mc/4	4	293
	222,2	42,2	309	688	0,6	<b>MK 100/1</b>	<b>4,5</b>	H132Mc/4	4	200
	222,2	0	309	688	0,6	<b>MK 100D/1</b>	<b>4,5</b>	H132Mc/4	4	238
	246	47	284	630	1,1	<b>MK 100/1</b>	<b>4,06</b>	H132Mc/4	4	200
	246	0	284	630	1,1	<b>MK 100D/1</b>	<b>4,06</b>	H132Mc/4	4	238
306,7	58,3	224	498	0,9	<b>MK 100/1</b>	<b>3,26</b>	H132Mc/4	4	200	
306,7	0	224	498	0,9	<b>MK 100D/1</b>	<b>3,26</b>	H132Mc/4	4	238	
373	71	187	416	1,7	<b>MK 100/1</b>	<b>2,68</b>	H132Mc/4	4	200	
373	0	187	416	1,7	<b>MK 100D/1</b>	<b>2,68</b>	H132Mc/4	4	238	
500	95	138	306	1,5	<b>MK 100/1</b>	<b>2</b>	H132Mc/4	4	200	
500	0	138	306	1,5	<b>MK 100D/1</b>	<b>2</b>	H132Mc/4	4	238	
588	112	119	264	2,3	<b>MK 100/1</b>	<b>1,7</b>	H132Mc/4	4	200	
588	0	119	264	2,3	<b>MK 100D/1</b>	<b>1,7</b>	H132Mc/4	4	238	
751,9	142,9	91	203	2,1	<b>MK 100/1</b>	<b>1,33</b>	H132Mc/4	4	200	
751,9	0	91	203	2,1	<b>MK 100D/1</b>	<b>1,33</b>	H132Mc/4	4	238	
1000	190	72	160	1	<b>MK 100</b>	-	H132Mc/4	4	165	
1000	0	72	160	1	<b>MK 100D</b>	-	H132Mc/4	4	203	
<b>11</b> <b>15</b>	38	7,2	2155	3000	1	<b>MK 100/2</b>	<b>26,38</b>	H132Md/4	4	260
	38	0	2155	3000	1	<b>MK 100D/2</b>	<b>26,38</b>	H132Md/4	4	298
	48	9,2	1693	2700	1	<b>MK 100/2</b>	<b>20,72</b>	H132Md/4	4	260
	48	0	1693	2700	1	<b>MK 100D/2</b>	<b>20,72</b>	H132Md/4	4	298
	60	11,4	1355	2521	1,2	<b>MK 100/2</b>	<b>16,59</b>	H132Md/4	4	260
	60	0	1355	2521	1,2	<b>MK 100D/2</b>	<b>16,59</b>	H132Md/4	4	298
	73	13,8	1118	2079	1,2	<b>MK 100/2</b>	<b>13,68</b>	H132Md/4	4	260
	73	0	1118	2079	1,2	<b>MK 100D/2</b>	<b>13,68</b>	H132Md/4	4	298
	91	17,3	895	1664	1,7	<b>MK 100/2</b>	<b>10,95</b>	H132Md/4	4	260
	91	0	895	1664	1,7	<b>MK 100D/2</b>	<b>10,95</b>	H132Md/4	4	298
	115	22	708	1318	2	<b>MK 100/2</b>	<b>8,67</b>	H132Md/4	4	260
	115	0	708	1318	2	<b>MK 100D/2</b>	<b>8,67</b>	H132Md/4	4	298
	144	27	567	1055	2,6	<b>MK 100/2</b>	<b>6,94</b>	H132Md/4	4	260
	144	0	567	1055	2,6	<b>MK 100D/2</b>	<b>6,94</b>	H132Md/4	4	298
	192	36	426	792	3,5	<b>MK 100/2</b>	<b>5,21</b>	H132Md/4	4	260
	192	0	426	792	3,5	<b>MK 100D/2</b>	<b>5,21</b>	H132Md/4	4	298
	246	47	339	630	1,1	<b>MK 100/1</b>	<b>4,06</b>	H132Md/4	4	205
	246	0	339	630	1,1	<b>MK 100D/1</b>	<b>4,06</b>	H132Md/4	4	243
	373	71	224	416	1,7	<b>MK 100/1</b>	<b>2,68</b>	H132Md/4	4	205
	373	0	224	416	1,7	<b>MK 100D/1</b>	<b>2,68</b>	H132Md/4	4	243
588	112	142	264	2,3	<b>MK 100/1</b>	<b>1,7</b>	H132Md/4	4	205	
588	0	142	264	2,3	<b>MK 100D/1</b>	<b>1,7</b>	H132Md/4	4	298	
1000	190	86	160	1	<b>MK 100</b>	-	H132Md/4	4	170	
1000	0	86	160	1	<b>MK 100D</b>	-	H132Md/4	4	208	

## MK .../1B

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO TYPE TYP	<b>i</b>	Poli <b>poles</b> <i>polig</i>	<b>M<sub>LM</sub></b>	<b>sf</b>
<b>1,1</b> <b>1,5</b>	88	16	95	218	MK20/1B	7,5	6	138	0,6
	132	24	63	146	MK20/1B	5	6	161	1,1
	133,3	25,3	63	218	MK20/1B	7,5	4	138	0,6
	165	30	50	116	MK20/1B	4	6	180	1,5
	200	38	42	146	MK20/1B	5	4	161	1,1
	210,2	38,2	40	91	MK20/1B	3,14	6	196	2,1
	250	47,5	33	116	MK20/1B	4	4	180	1,5
	264	48	32	73	MK20/1B	2,5	6	196	2,7
	318,5	60,5	26	91	MK20/1B	3,14	4	196	2,1
	330	60	25	58	MK20/1B	2	6	210	3,6
	400	76	21	73	MK20/1B	2,5	4	196	2,7
	404,9	73,6	21	47	MK20/1B	1,63	6	196	4,1
	496,2	90,2	17	39	MK20/1B	1,33	6	196	5,1
	500	95	17	58	MK20/1B	2	4	210	3,6
	613,5	116,6	14	47	MK20/1B	1,63	4	196	4,1
751,9	142,9	11	39	MK20/1B	1,33	4	196	5,1	
<b>1,5</b> <b>2</b>	132	24	82,45	243	MK30/1B	5	6	300	1,2
	133,3	25,3	84	218	MK20/1B	7,5	4	138	0,6
	159,8	29,1	68	200,31	MK30/1B	4,13	6	345	1,7
	200	38	56	146	MK20/1B	5	4	161	1,1
	209,5	38,1	52	153	MK30/1B	3,15	6	345	2,3
	247,2	44,9	44	129	MK30/1B	2,67	6	345	2,7
	250	47,5	45	116	MK20/1B	4	4	180	1,5
	266,7	50,7	42	182	MK20/1B	7,5	2	95	0,5
	317,3	57,7	34	101	MK30/1B	2,08	6	345	3,4
	318,5	60,5	35	91	MK20/1B	3,14	4	196	2,1
	400	76	28	73	MK20/1B	2,5	4	196	2,7
	400	76	28	121	MK20/1B	5	2	110	0,9
	496,2	90,2	22	65	MK30/1B	1,33	6	350	5,4
	500	95	23	97	MK20/1B	4	2	115	1,2
	500	95	22	58	MK20/1B	2	4	210	3,6
	613,5	116,6	18	47	MK20/1B	1,63	4	196	4,1
	636,9	121	18	76	MK20/1B	3,14	2	130	1,7
	751,9	142,9	15	39	MK20/1B	1,33	4	196	5,1
	800	152	14	61	MK20/1B	2,5	2	130	2,1
	1000	190	11	49	MK20/1B	2	2	140	2,9
1227	233,1	9	40	MK20/1B	1,63	2	130	3,3	
1503,8	285,7	7	32	MK20/1B	1,33	2	130	4	
<b>1,8</b> <b>2,5</b>	88	16	100	218	MK20/1B	7,5	6	138	0,6
	132	24	67	146	MK20/1B	5	6	161	1,1
	132	24	107	349	MK50/1B	5	6	300	0,9
	132	24	131	243	MK30/1B	5	6	300	1,2
	159,8	29,1	108	200	MK30/1B	4,13	6	345	1,7
	159,8	29,1	88	288	MK50/1B	4,13	6	345	1,2
	165	30	54	116	MK20/1B	4	6	180	1,5
	209,5	38,1	67	220	MK50/1B	3,15	6	345	1,6
	209,5	38,1	82	153	MK30/1B	3,15	6	345	2,3
	210,2	38,2	42	91	MK20/1B	3,14	6	196	2,1
	247,2	44,9	57	186	MK50/1B	2,67	6	345	1,9
	247,2	44,9	70	129	MK30/1B	2,67	6	345	2,7

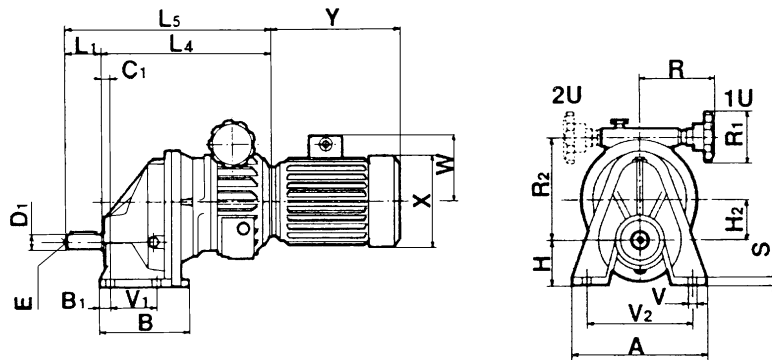
$kW_1$ $HP_1$	max $n_2$ $min^{-1}$	min $n_2$ $min^{-1}$	min $M_2$ Nm	max $M_2$ Nm	TIPO TYPE TYP	i	Poli poles polig	$M_{LIM}$	sf
<b>1,8</b> <b>2,5</b>	264	48	33	73	MK20/1B	2,5	6	196	2,7
	317,3	57,7	54	101	MK30/1B	2,08	6	345	3,4
	317,3	57,7	44	145	MK50/1B	2,08	6	345	2,4
	330	60	27	58	MK20/1B	2	6	210	3,6
	404,9	73,6	22	47	MK20/1B	1,63	6	196	4,1
	496,2	90,2	35	65	MK30/1B	1,33	6	350	5,4
	496,2	90,2	28	93	MK50/1B	1,33	6	350	3,8
	496,2	90,2	18	39	MK20/1B	1,33	6	196	5,1

<b>2,2</b> <b>3</b>	132	24	126	349	MK50/1B	5	6	300	0,9
	159,8	29,1	104	288	MK50/1B	4,13	6	345	1,2
	200	38	82	243	MK30/1B	5	4	300	1,2
	209,5	38,1	79	220	MK50/1B	3,15	6	345	1,6
	242,1	46	68	200	MK30/1B	4,13	4	345	1,7
	247,2	44,9	67	186	MK50/1B	2,67	6	345	1,9
	266,7	50,7	63	182	MK20/1B	7,5	2	95	0,5
	317,3	57,7	52	145	MK50/1B	2,08	6	345	2,4
	317,5	60,3	52	153	MK30/1B	3,15	4	345	2,3
	374,5	71,2	44	129	MK30/1B	2,67	4	345	2,7
	400	76	42	121	MK20/1B	5	2	110	0,9
	480,8	91,3	34	101	MK30/1B	2,08	4	345	3,4
	496,2	90,2	34	93	MK50/1B	1,33	6	350	3,8
	500	95	33	97	MK20/1B	4	2	115	1,2
	636,9	121	26	76	MK20/1B	3,14	2	130	1,7
	751,9	142,9	22	65	MK30/1B	1,33	4	350	5,4
	800	152	21	61	MK20/1B	2,5	2	130	2,1
	1000	190	17	49	MK20/1B	2	2	140	2,9
	1227	233,1	14	40	MK20/1B	1,63	2	130	3,3
	1503,8	285,7	11	32	MK20/1B	1,33	2	130	4

<b>3</b> <b>4</b>	200	38	112	243	MK30/1B	5	4	300	1,2
	200	38	112	349	MK50/1B	5	4	300	0,9
	242,1	46	92	288	MK50/1B	4,13	4	345	1,2
	242,1	46	91	200	MK30/1B	4,13	4	345	1,7
	317,5	60,3	70	153	MK30/1B	3,15	4	345	2,3
	317,5	60,3	70	220	MK50/1B	3,15	4	345	1,6
	374,5	71,2	60	129	MK30/1B	2,67	4	345	2,7
	374,5	71,2	60	186	MK50/1B	2,67	4	345	1,9
	480,8	91,3	46	101	MK30/1B	2,08	4	345	3,4
	480,8	91,3	46	145	MK50/1B	2,08	4	345	2,4
	751,9	142,9	30	93	MK50/1B	1,33	4	350	3,8
	751,9	142,9	30	65	MK30/1B	1,33	4	350	5,4

<b>4</b> <b>5,5</b>	146,7	26,7	210	698	MK100/1B	4,5	6	500	0,7
	162,6	29,6	189	630	MK100/1B	4,06	6	518	0,8
	200	38	150	349	MK50/1B	5	4	300	0,9
	202,5	36,8	152	506	MK100/1B	3,26	6	540	1,1
	242,1	46	124	288	MK50/1B	4,13	4	345	1,2
	246,3	44,8	125	416	MK100/1B	2,68	6	575	1,4
	317,5	60,3	95	220	MK50/1B	3,15	4	345	1,6
	330	60	93	310	MK100/1B	2	6	525	1,7
	374,5	71,2	80	186	MK50/1B	2,67	4	345	1,9
	388,2	70,6	79	264	MK100/1B	1,7	6	518	2
	480,8	91,3	63	145	MK50/1B	2,08	4	345	2,4
	496,2	90,2	62	206	MK100/1B	1,33	6	460	2,2
	751,9	142,9	40	93	MK50/1B	1,33	4	350	3,8

$kW_1$ $HP_1$	max $n_2$ $min^{-1}$	min $n_2$ $min^{-1}$	min $M_2$ Nm	max $M_2$ Nm	TIPO TYPE TYP	i	Poli poles polig	$M_{LIM}$	sf
5,5	146,7	26,7	284	698	MK100/1B	4,5	6	500	0,7
	162,6	29,6	256	630	MK100/1B	4,06	6	518	0,8
7,5	202,5	36,8	206	506	MK100/1B	3,26	6	540	1,1
	222,2	42,2	188	698	MK100/1B	4,5	4	500	0,7
	246,3	44,8	169	416	MK100/1B	2,68	6	575	1,4
	246,3	46,8	169	630	MK100/1B	4,06	4	518	0,8
	306,7	58,3	136	506	MK100/1B	3,26	4	540	1,1
	330	60	126	310	MK100/1B	2	6	525	1,7
	373,1	70,9	112	416	MK100/1B	2,68	4	575	1,4
	388,2	70,6	107	264	MK100/1B	1,7	6	518	2
	496,2	90,2	84	206	MK100/1B	1,33	6	460	2,2
	500	95	83	310	MK100/1B	2	4	525	1,7
	588,2	111,8	71	264	MK100/1B	1,7	4	518	2
	751,9	142,9	55	206	MK100/1B	1,33	4	460	2,2
7,5 10	222,2	42,2	253	698	MK100/1B	4,5	4	500	0,7
	246,3	46,8	228	630	MK100/1B	4,06	4	518	0,8
	306,7	58,3	183	506	MK100/1B	3,26	4	540	1,1
	373,1	70,9	151	416	MK100/1B	2,68	4	575	1,4
	500	95	113	310	MK100/1B	2	4	525	1,7
	588,2	111,8	96	264	MK100/1B	1,7	4	518	2
	751,9	142,9	75	206	MK100/1B	1,33	4	460	2,2
9,2 12,5	222,2	42,2	314	698	MK100/1B	4,5	4	500	0,7
	246,3	46,8	284	630	MK100/1B	4,06	4	518	0,8
	306,7	58,3	228	506	MK100/1B	3,26	4	540	1,1
	373,1	70,9	187	416	MK100/1B	2,68	4	575	1,4
	500	95	140	310	MK100/1B	2	4	525	1,7
	588,2	111,8	119	264	MK100/1B	1,7	4	518	2
	751,9	142,9	93	206	MK100/1B	1,33	4	460	2,2

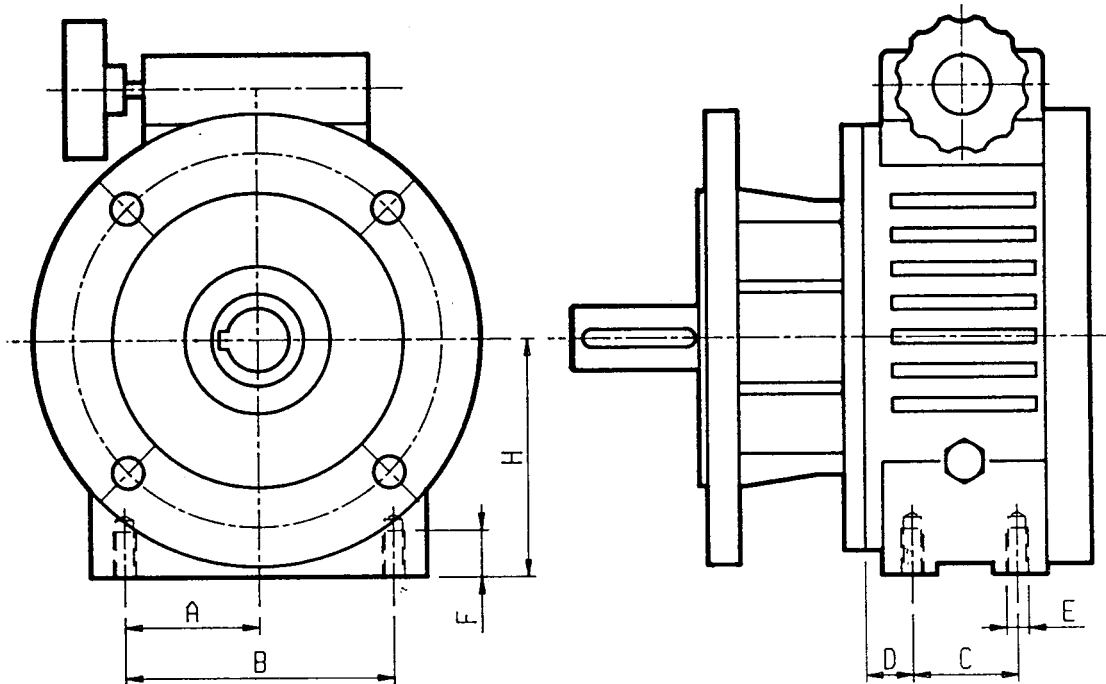


## MK .../1B

TIPO-TYPE-TYP	A	B	B <sub>1</sub>	C <sub>1</sub>	H	H <sub>2</sub>	L <sub>4</sub>	L <sub>5</sub>	R	R <sub>1</sub>	R <sub>2</sub>	S	V	V <sub>1</sub>	V <sub>2</sub>	D <sub>1</sub>	E	L <sub>1</sub>
MK 20/1B	235	133	23	25	100	79,5	284,5	354,5	138	110	46	16	14	85	185	38	M8	80
MK 30/1B MK 50/1B	310	180	25	20	112	100	338	448	158	110	250	18	18	130	240	48	M10	110
MK100/1B	350	230	32	22	130	125,5	389	529	195	110	331,5	20	18	150	280	60	M16	140

DIMENSIONI  
DIMENSIONS  
ABMESSUNGEN

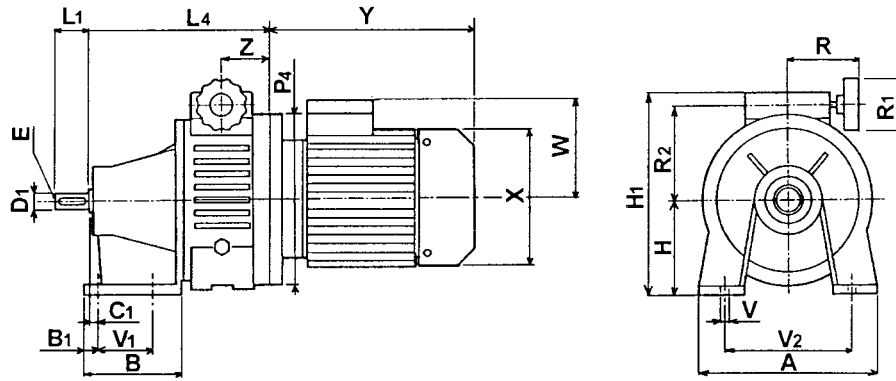
DIMENSIONI FORATURA DEL CORPO  
FIXING DIMENSIONS OF HOUSING  
GEHAEUSEBOHRUNGABMESSUNGEN



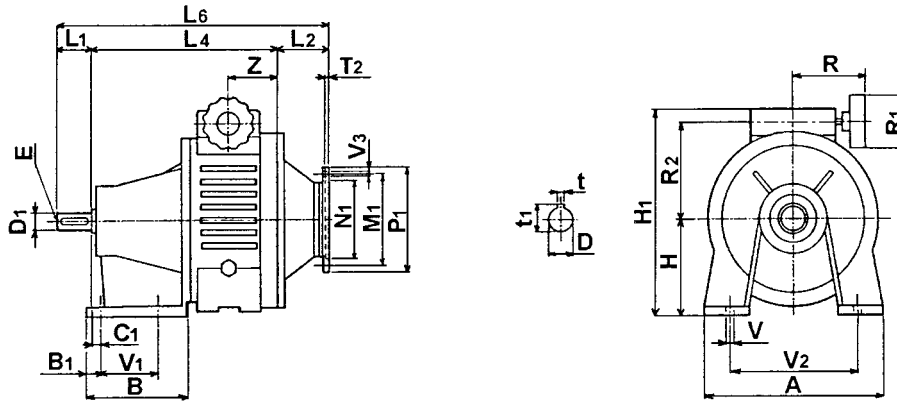
MKF	A	B	C	D	E	F	H
MKF2	45	90	40	15	M8	15	66
MKF5	50	100	40	19	M8	15	81
MKF10	60	120	45	24	M10	20	104
MKF20	80	160	50	22	M10	22	122
MKF30/50	105	210	60	30	M12	14	190
MKF100	125	250	80	25	M14	28	220



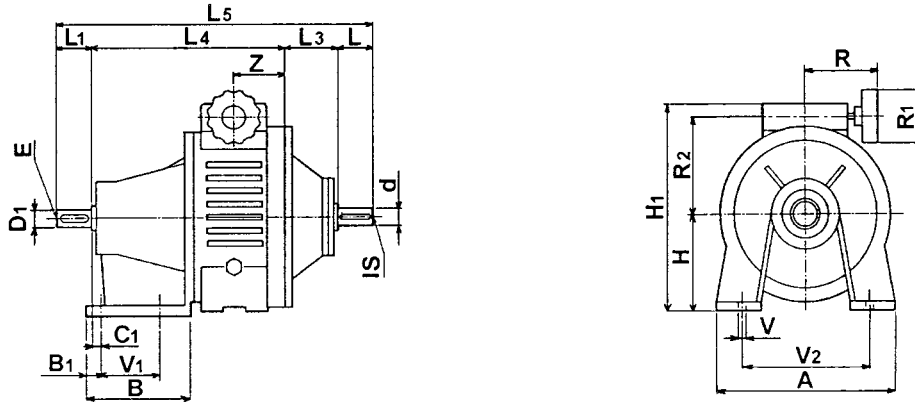
## MK...B5



## MK... PAM B14



## K...



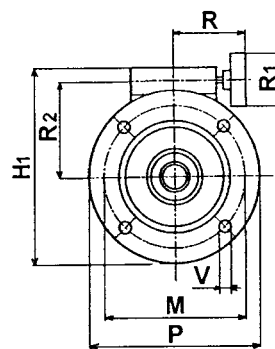
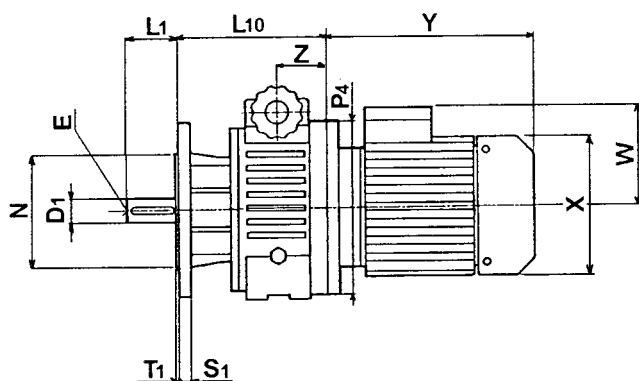
	A	B	B <sub>1</sub>	C <sub>1</sub>	V	V <sub>1</sub>	V <sub>2</sub>	H	H <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	L <sub>6</sub>	M <sub>1</sub>	N <sub>1</sub>	P <sub>4</sub>	R	R <sub>1</sub>	R <sub>2</sub>	T <sub>2</sub>	V <sub>3</sub>	Z	d <sub>j6</sub>	IS	L	D <sub>1j6</sub>	E	L <sub>1</sub>	D <sub>F7</sub>	t	t <sub>1</sub>	P <sub>1</sub>
2	120	64	18	0	9,5	25	95	70	166	60	59	148	260 253	238 231	115	95	140	110	85	75	4	9,5	49	11	M4	23	14 11	M5 M4	30 23	11	4	12,8	90
5	180	96	21,5	8	9,5	55	150	85	190	60	58	186	315 305	286 276	130	110	160	110	85	88	4	9,5	55	14	M5	30	19 14	M8 M5	40 30	14	5	16,3	105
10	210	115	18	10	12	65	165	110	235	65	63	225	378 368	340 330	165	130	200	130	110	106	5	11,5	72	19	M8	40	24 19	M8	50 40	19	6	21,8	120
20	235	127	23	18	14	75	185	125	275	77	76	250	436 426	387 377	165	130	200	138	110	125	5	11,5	70	24	M8	50	28 24	M8	60 50	24	8	27,3	140
30 50	310	147	30	18	14	85	240	150	325	90	97	293	530 510	463 443	215	180	250	158	110	160	5	14	87	28	M8	60	38 28	M10 M8	80 60	28	8	31,3	160
100	380	187	31	17	18	120	295	190	425	120	120	348	653 623	573 543	265	230	300	195	110	206	5	14	110	38	M10	80	42 38	M10	110 80	38	10	41,3	-

X, Y, W Vedere tabelle motori elettrici

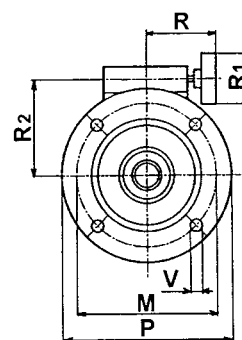
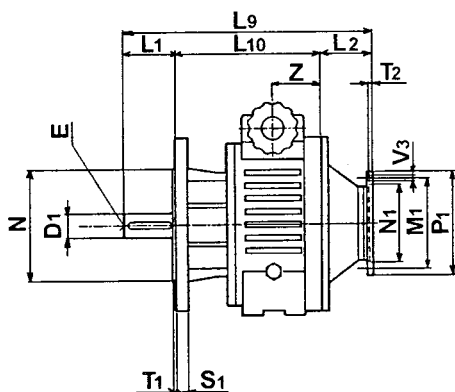
X, Y, W See electric motor table

X, Y, W Siehe Motortabelle

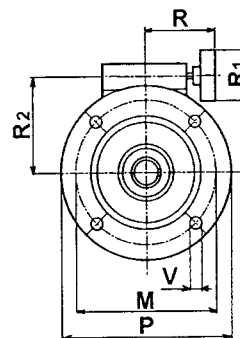
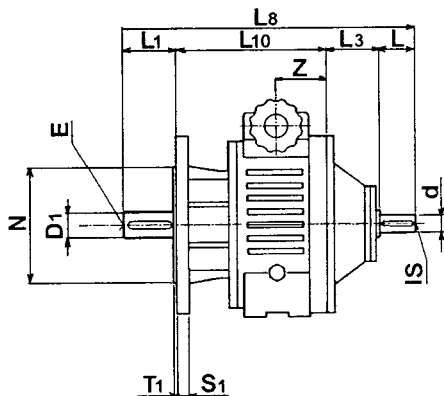
## MKF...B5



## MKF... PAM B14



## KF...



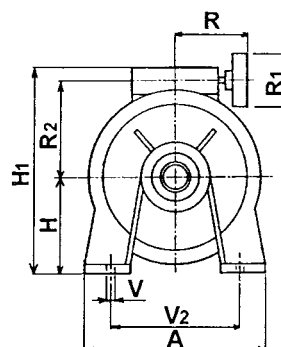
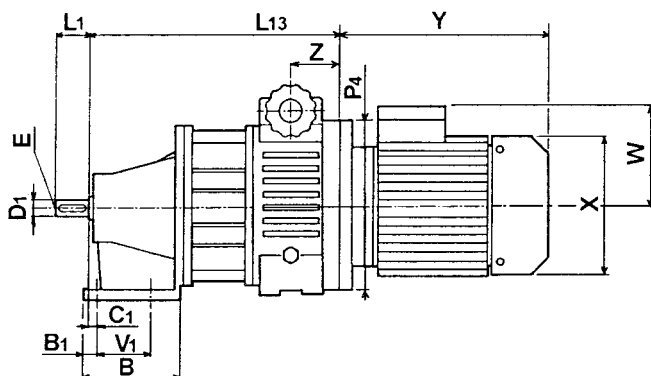
	M	N	P	S <sub>1</sub>	T <sub>1</sub>	V	H <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>8</sub>	L <sub>9</sub>	L <sub>10</sub>	M <sub>1</sub>	N <sub>1</sub>	P <sub>4</sub>	R	R <sub>1</sub>	R <sub>2</sub>	T <sub>2</sub>	V <sub>3</sub>	Z	d <sub>j6</sub>	IS	L	D <sub>1j6</sub>	E	L <sub>1</sub>	D <sub>F7</sub>	t	t <sub>1</sub>	P <sub>1</sub>
2	115	95	140	8,5	2,5	9,5	166	60	59	251	229	139	115	95	140	110	85	75	4	9,5	49	11	M4	23	14	M5	30	11	4	12,8	90
										244	222														11	M4	23				
5	130	110	160	11	3,5	9,5	190	60	58	280	252	152	130	110	160	110	85	88	4	9,5	50	14	M5	30	19	M8	40	14	5	16,3	105
										270	242														14	M5	30				
10	165	130	200	12	3,5	12	235	65	63	325	287	172	165	130	200	130	110	106	5	11,5	60	19	M8	40	24	M8	50	19	6	21,8	120
										315	277														19	M8	40				
20	215	180	250	14	4	14	275	77	76	309,5	260,5	223,5	165	130	200	138	110	125	5	11,5	70	24	M8	50	28	M8	60	24	8	27,3	140
	165	130	200							299,5	250,5														24	M8	50				
30	265	230	300	16	4	14	325	90	97	529,5	462,5	292,5	215	180	250	158	110	150	5	14	87	28	M8	60	38	M10	80	28	8	31,3	160
	215	180	250							509,5	442,5														28	M8	60				
50	300	250	350	20	5	18	425	120	120	652,5	572,5	342,5	265	230	300	195	110	206	5	14	110	38	M10	80	42	M10	110	38	10	41,3	-
	265	230	300							622,5	542,5														38	M10	80				

X, Y, W Vedere tabelle motori elettrici

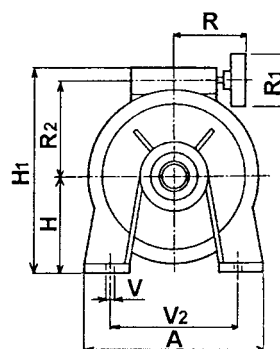
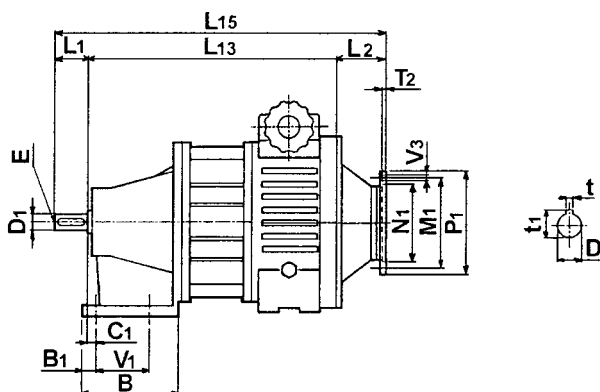
X, Y, W See electric motor table

X, Y, W Siehe Motortabelle

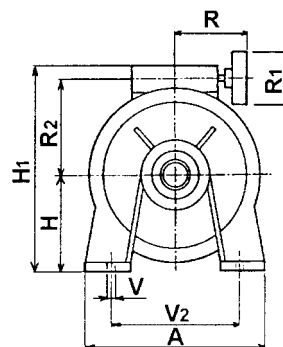
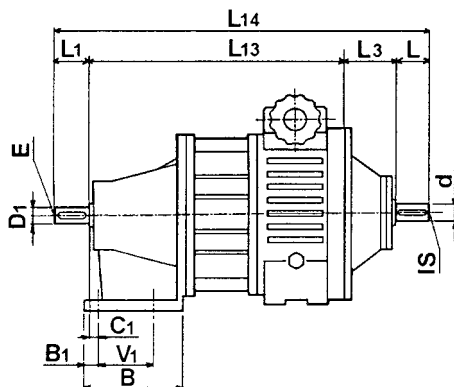
## MKD...B5



## MKD... PAM B14



## KD...



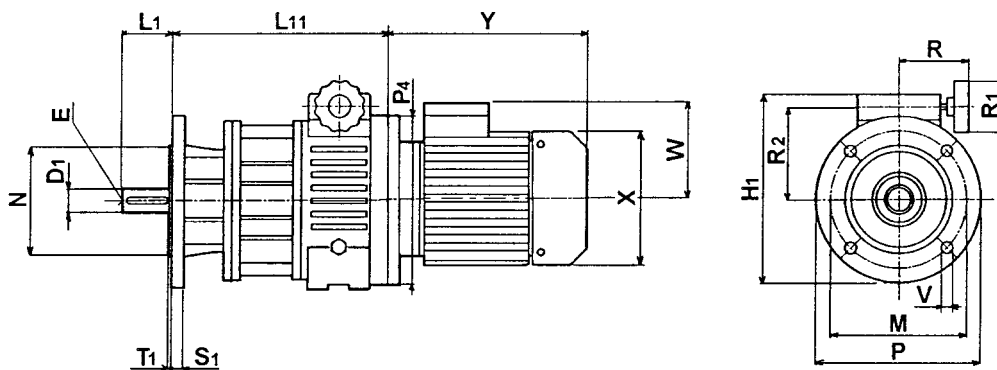
	A	B	B <sub>1</sub>	C <sub>1</sub>	V	V <sub>1</sub>	V <sub>2</sub>	H	H <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>13</sub>	L <sub>14</sub>	L <sub>15</sub>	M <sub>1</sub>	N <sub>1</sub>	P <sub>4</sub>	R	R <sub>1</sub>	R <sub>2</sub>	T <sub>2</sub>	V <sub>3</sub>	d <sub>j6</sub>	IS	L	D <sub>j6</sub>	E	L <sub>1</sub>	D <sub>F7</sub>	t	t <sub>1</sub>	P <sub>1</sub>
5	180	96	21,5	8	9,5	55	150	85	190	60	58	239	367	339	130	110	160	110	85	88	4	9,5	14	M5	30	19	M8	40	14	5	16,3	105
10	210	115	18	10	12	65	165	110	235	65	63	270	413 423	375 385	165	130	200	130	110	106	5	11,5	19	M8	40 24	M8 M8	40 50	19	6	21,8	120	
20	235	127	23	18	14	75	185	125	275	77	76	301	487	438	165	130	200	138	110	125	5	11,5	24	M8	50	28	M8	60	24	8	27,3	140
30 50	310	147	30	18	14	85	240	150	325	90	97	428	615 665	578 598	215	180	250	158	110	150	5	14	28	M8	60 38	M8 M10	60 80	28	8	31,8	160	
100	380	187	31	17	18	120	295	190	425	120	120	493	773 803	693 723	265	230	300	195	110	206	5	14	38	M10	80 42	M10 M10	80 110	38	10	41,3	-	

X, Y, W Vedere tabelle motori elettrici

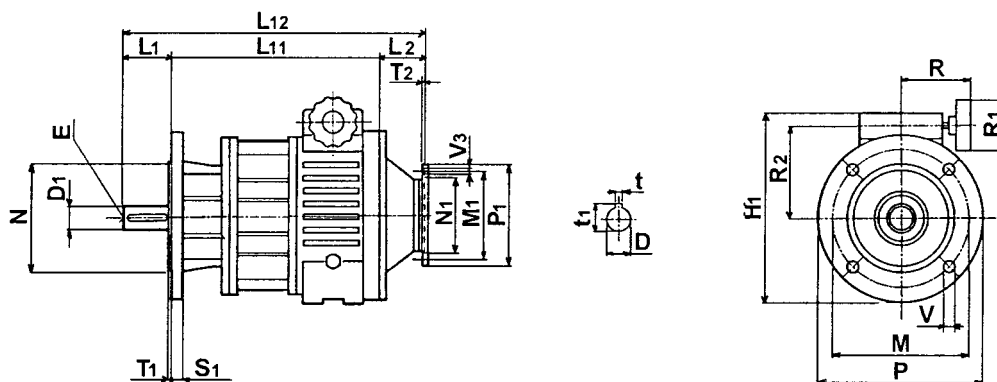
X, Y, W See electric motor table

X, Y, W Siehe Motortabelle

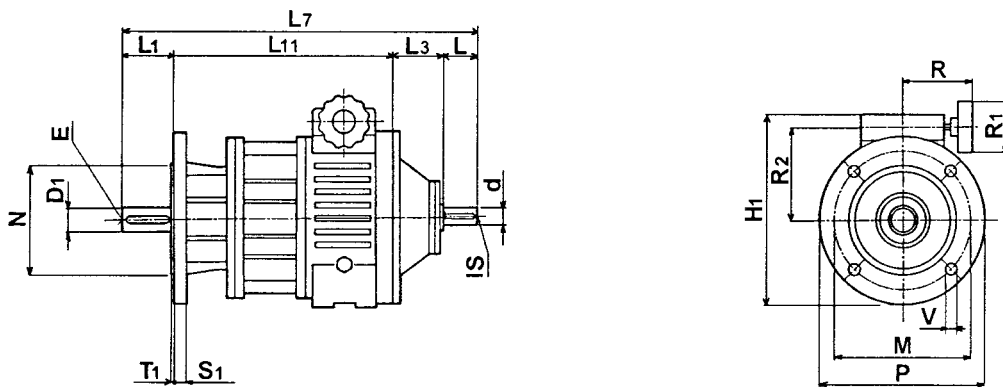
## MKDF... B5



## MKDF... PAM B14



## KDF...



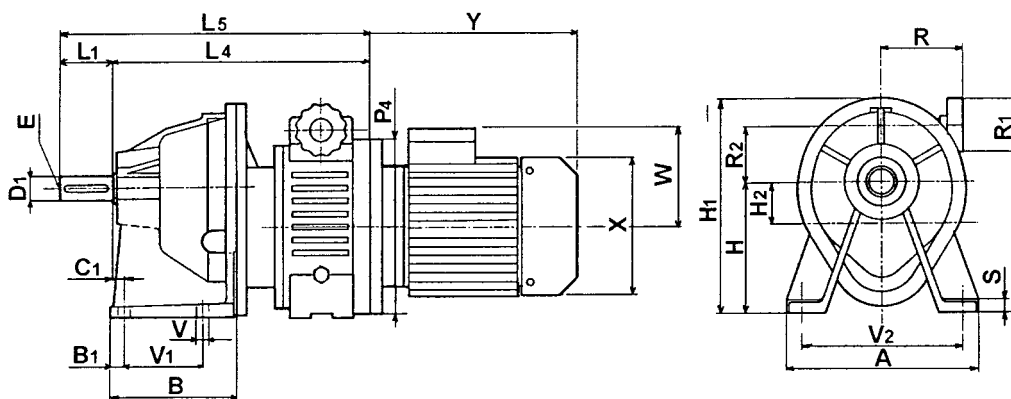
	M	N	P	S <sub>1</sub>	T <sub>1</sub>	V	H <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>7</sub>	L <sub>11</sub>	L <sub>12</sub>	M <sub>1</sub>	N <sub>1</sub>	P <sub>4</sub>	R	R <sub>1</sub>	R <sub>2</sub>	T <sub>2</sub>	V <sub>3</sub>	d <sub>j6</sub>	IS	L	D <sub>j6</sub>	E	L <sub>1</sub>	D <sub>F7</sub>	t	t <sub>1</sub>	P <sub>1</sub>
5	130	110	160	11	3,5	9,5	190	60	58	363	235	335	100	80	120	119	85	88	4	6,5	14	M5	30	19	M8	40	19	6	21,8	105
										353		325												130						
10	165	130	200	12	3,5	12	235	65	63	414	261	376	100	80	200	130	110	106	5	11,5	19	M8	40	24	M8	50	19	6	21,8	120
										404		366												19						
20	215	180	250	14	4	14	275	77	76	503,5	317,5	454,5	115	95	200	138	110	125	5	11,5	24	M8	50	28	M8	60	24	8	27,3	140
	165	130	200							493,5		444,5												24						
30	265	230	300	16	4	14	325	90	97	663,5	426,5	596,5	130	110	250	158	110	150	5	14	28	M8	60	38	M10	80	28	8	31,3	160
	215	180	250							643,5		576,5												28						
50	265	250	350	20	5	18	425	120	120	799,5	489,5	719,5	165	130	300	195	110	206	5	14	38	M10	80	42	M10	110	38	10	41,3	-
										769,5		689,5												28						

X, Y, W Vedere tabelle motori elettrici

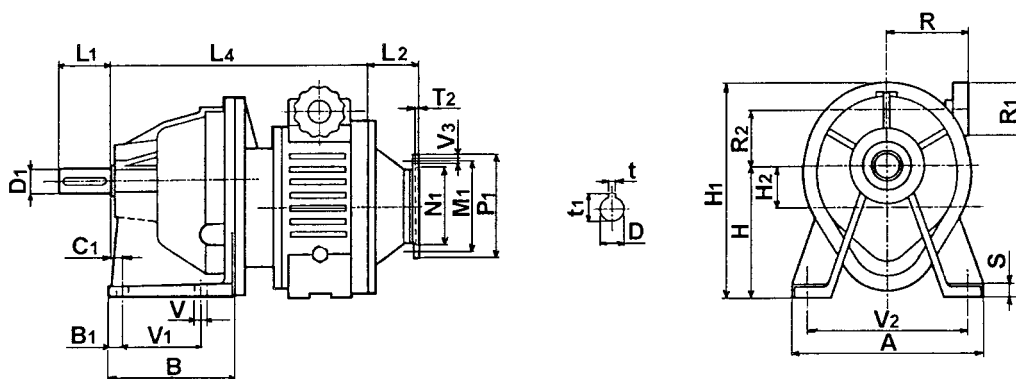
X, Y, W See electric motor table

X, Y, W Siehe Motortabelle

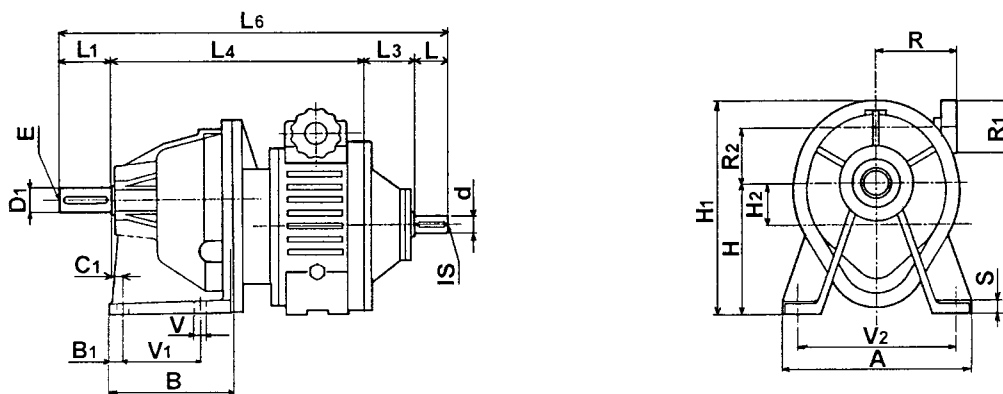
## MK.../1 B5



## MK.../1 PAM B14



## K.../1



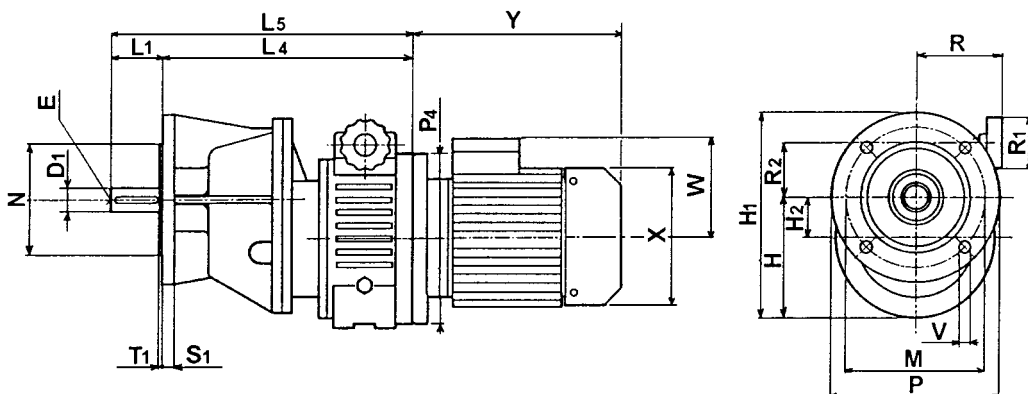
	A	B	B <sub>1</sub>	C <sub>1</sub>	S	V	V <sub>1</sub>	V <sub>2</sub>	H	H <sub>1</sub>	H <sub>2</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	L <sub>6</sub>	M <sub>1</sub>	N <sub>1</sub>	P <sub>4</sub>	R	R <sub>1</sub>	R <sub>2</sub>	T <sub>2</sub>	V <sub>3</sub>	d <sub>j6</sub>	IS	L	D <sub>j6</sub>	E	L <sub>1</sub>	D <sub>F7</sub>	t	t <sub>1</sub>	P <sub>1</sub>
2/1	130	80	16	15	9	9	45	105	108	173	42,5	60	59	199	239	321	115	95	140	110	85	33	4	9	11	M4	23	19	M8	40	11	4	12,8	90
5/1	190	105	15	6	12	10	70	150	130	207	50	60	58	218	268	356	130	110	160	110	85	38	4	9	14	M5	30	24	M8	50	14	5	16,3	105
10/1	210	135	24,5	7	14	12	70	165	168	258	63	65	63	260	320	423	165	130	200	130	110	43	5	12	19	M8	40	28	M8	60	19	6	21,8	120
20/1	235	139	25	1	13	14	85	185	200	310	79,5	76	77	290	370	497	165	130	200	138	110	46	5	12	24	M8	50	38	M10	80	24	8	27,3	140
30/1 50/1	310	174	21	20	18	18	130	240	252	372	100	90	97	337	447	604	215	180	250	158	110	50	5	14	28	M8	60	48	M10	110	28	8	31,3	160
100/1	350	206	28	22	20	18	150	280	305	465	125,5	120	120	395	535	735	265	230	300	195	110	81	5	14	38	M10	80	60	M16	140	38	10	41,3	-

X, Y, W Vedere tabelle motori elettrici

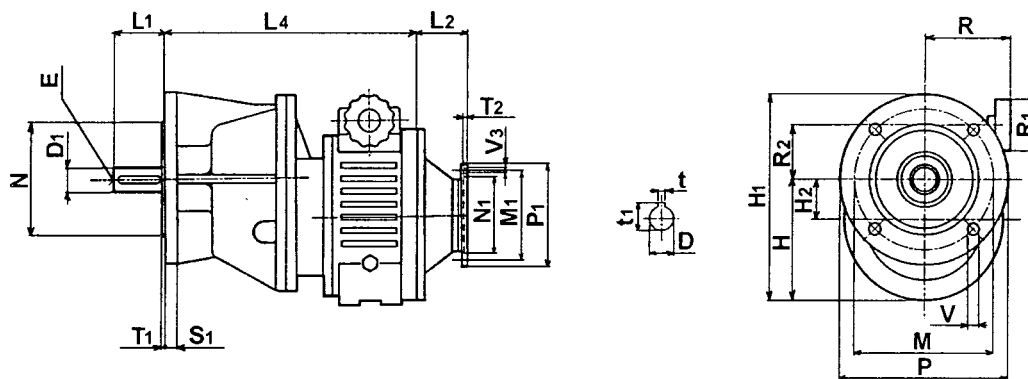
X, Y, W See electric motor table

X, Y, W Siehe Motortabelle

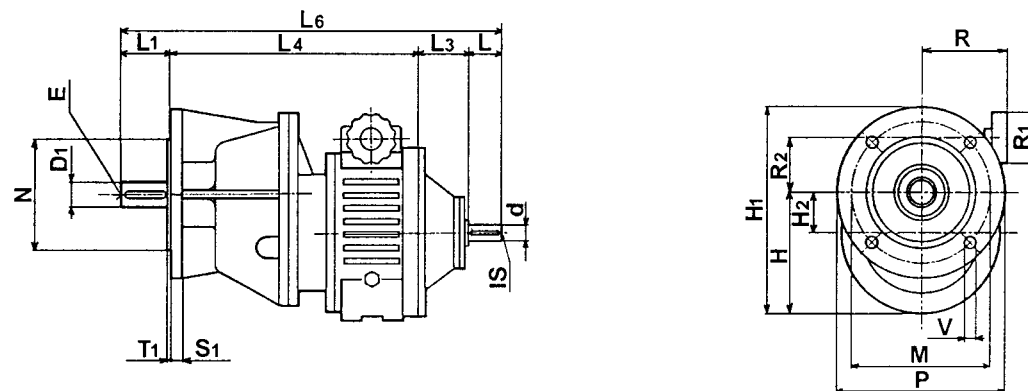
## MKF.../1 B5



## MKF.../1 PAM B14



## KF.../1



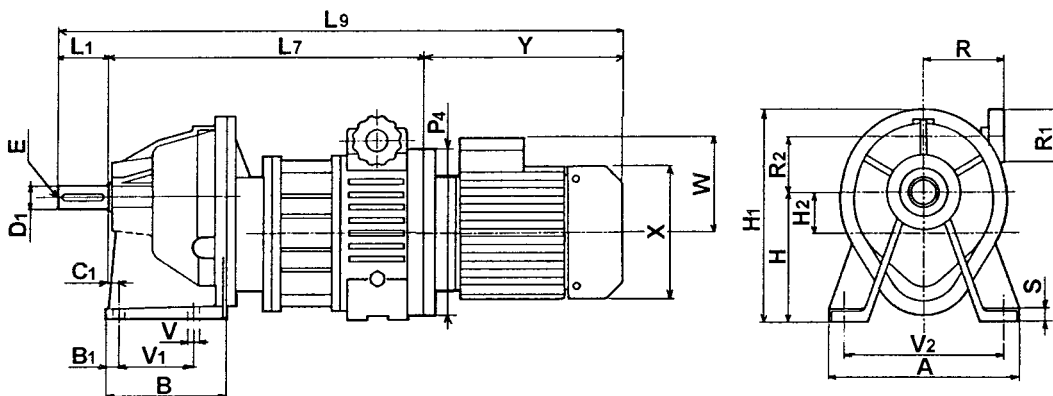
	M	N	P	S <sub>1</sub>	T <sub>1</sub>	V	H	H <sub>1</sub>	H <sub>2</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	L <sub>6</sub>	M <sub>1</sub>	N <sub>1</sub>	P <sub>4</sub>	R	R <sub>1</sub>	R <sub>2</sub>	T <sub>2</sub>	V <sub>3</sub>	d <sub>j6</sub>	IS	L	D <sub>1j6</sub>	E	L <sub>1</sub>	D <sub>F7</sub>	t	t <sub>1</sub>
2/1	115	95	140	10	3	9	108	173	42,5	60	59	199	239	321	115	95	140	110	85	33	4	9	11	M4	23	19	M8	40	11	4	12,8
5/1	130	110	160	12	3,5	10	130	207	50	60	58	218	268	356	130	110	160	110	85	38	4	9	14	M5	30	24	M8	50	14	5	16,3
10/1	165	130	200	14	4	12	168	258	63	65	63	260	320	423	165	130	200	130	110	43	5	12	19	M8	40	28	M8	60	19	6	21,8
20/1	215	180	250	14	5	14	200	310	79,5	76	77	290	370	497	165	130	200	138	110	46	5	12	24	M8	50	38	M10	80	24	8	27,3
30/1 50/1	265	230	300	18	5	18	252	372	100	90	97	337	447	604	215	180	250	158	110	50	5	14	28	M8	60	48	M10	110	28	8	31,3
100/1	300	250	350	20	5	18	305	465	125,5	120	120	395	535	735	265	230	300	195	110	81	5	14	38	M8	80	60	M12	140	38	10	41,3

X, Y, W Vedere tabelle motori elettrici

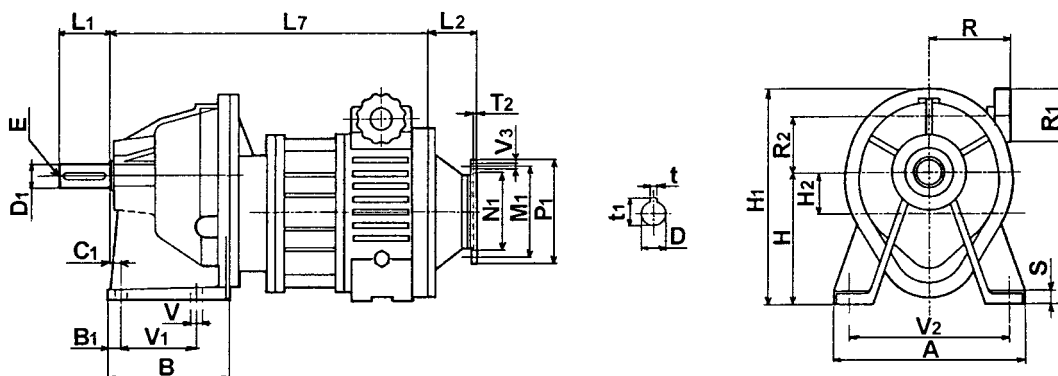
X, Y, W See electric motor table

X, Y, W Siehe Motortabelle

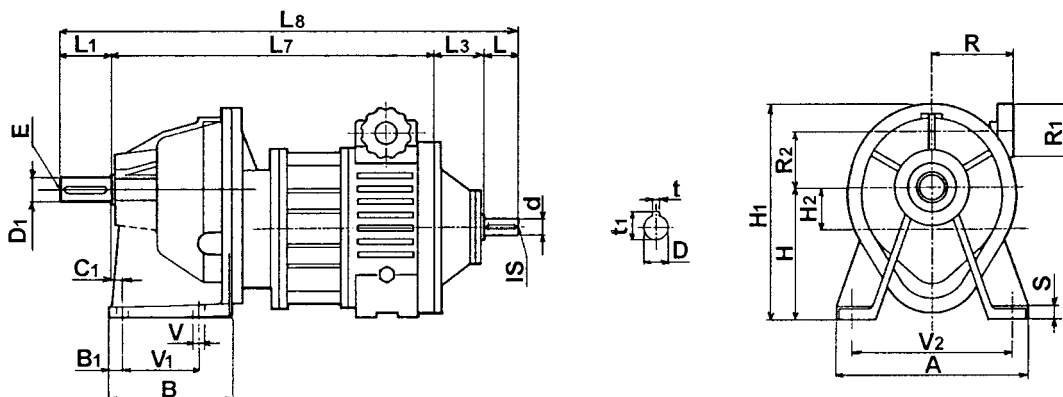
## MKD.../1 B5



## MKD.../1 PAM B14



## KD.../1



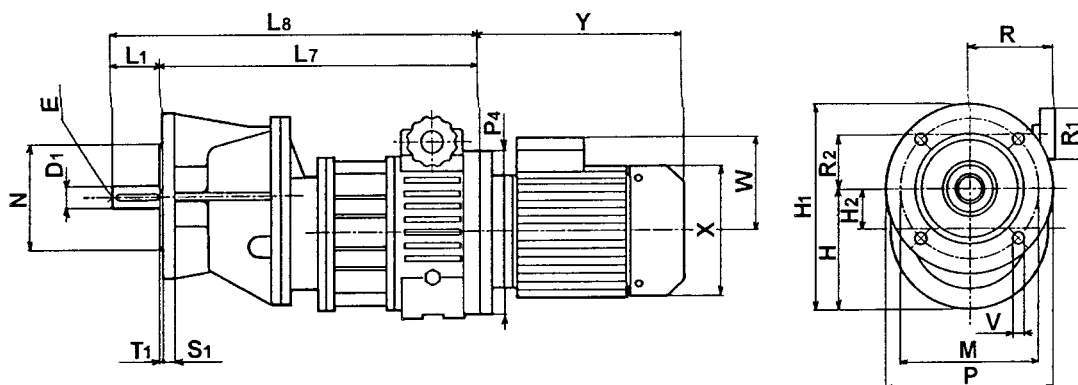
	A	B	B <sub>1</sub>	C <sub>1</sub>	S	V	V <sub>1</sub>	V <sub>2</sub>	H	H <sub>1</sub>	H <sub>2</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>7</sub>	L <sub>8</sub>	L <sub>9</sub>	M <sub>1</sub>	N <sub>1</sub>	P <sub>4</sub>	R	R <sub>1</sub>	R <sub>2</sub>	T <sub>2</sub>	V <sub>3</sub>	d <sub>j6</sub>	IS	L	D <sub>1j6</sub>	E	L <sub>1</sub>	D <sub>F7</sub>	t	t <sub>1</sub>	P <sub>1</sub>
5/1	190	105	15	6	12	10	70	150	130	207	50	60	58	302	440	352	130	110	160	110	85	38	4	9	14	M5	30	24	M8	50	14	5	16,3	105
10/1	210	135	24,5	7	14	12	70	165	168	258	63	65	63	344	507	404	165	130	200	130	110	43	5	12	19	M8	40	28	M8	60	19	6	21,8	120
20/1	235	139	25	1	13	14	85	185	200	310	79,5	77	76	385	591	465	165	130	200	138	110	46	5	12	24	M8	50	38	M10	80	24	8	27,3	140
30/1 50/1	310	174	21	20	18	18	130	240	252	372	100	90	97	472	739	582	215	180	250	158	110	50	5	14	28	M8	60	48	M10	110	28	8	31,3	160
100/1	350	206	28	22	20	18	150	280	305	465	125,5	120	120	543	883	623	265	230	300	195	110	81	5	14	38	M10	80	60	M16	140	38	10	41,3	-

X, Y, W Vedere tabelle motori elettrici

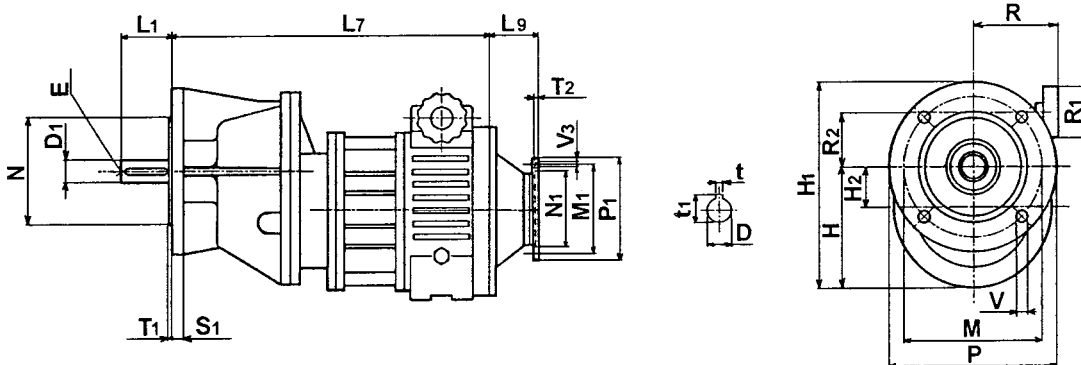
X, Y, W See electric motor table

X, Y, W Siehe Motortabelle

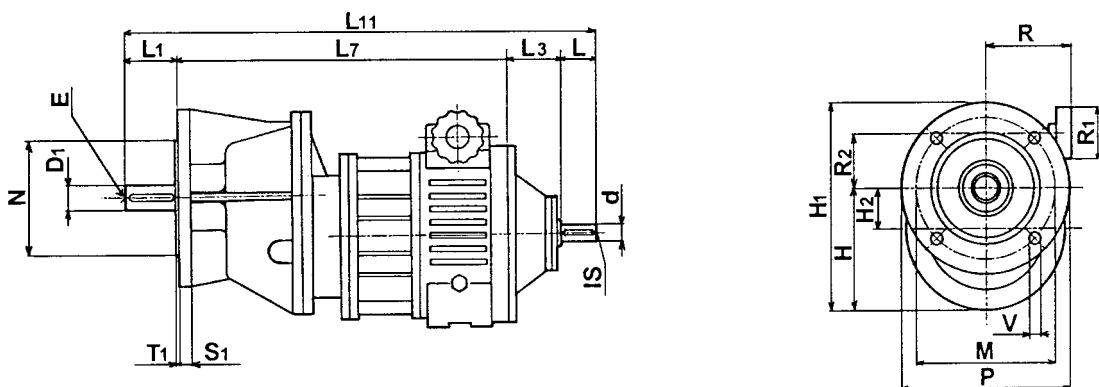
## MKDF.../1 B5



## MKDF.../1 PAM B14



## KDF.../1



	M	N	P	S <sub>1</sub>	T <sub>1</sub>	V	H	H <sub>1</sub>	H <sub>2</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>7</sub>	L <sub>8</sub>	L <sub>11</sub>	M <sub>1</sub>	N <sub>1</sub>	P <sub>4</sub>	R	R <sub>1</sub>	R <sub>2</sub>	T <sub>2</sub>	V <sub>3</sub>	d <sub>j6</sub>	IS	L	D <sub>j6</sub>	E	L <sub>1</sub>	D <sub>F7</sub>	t	t <sub>1</sub>	P <sub>1</sub>
5/1	130	110	160	12	3,5	10	130	207	50	60	58	302	352	440	130	110	160	110	85	38	4	9	14	M5	30	24	M8	50	14	5	16,3	105
10/1	165	130	200	14	4	12	168	258	63	65	63	344	404	507	165	130	200	130	110	43	5	12	19	M8	40	28	M8	60	19	6	21,8	120
20/1	215	180	250	14	5	14	200	310	79,5	77	76	385	465	591	165	130	200	138	110	46	5	12	24	M8	50	38	M10	80	24	8	27,3	140
30/1 50/1	265	230	300	18	5	18	252	372	100	90	97	472	582	739	215	180	250	158	110	50	5	14	28	M8	60	48	M10	110	28	8	31,3	160
100/1	300	250	350	20	5	18	305	465	125,5	120	120	543	623	883	265	230	300	195	110	81	5	14	38	M10	80	60	M12	140	38	10	41,3	-

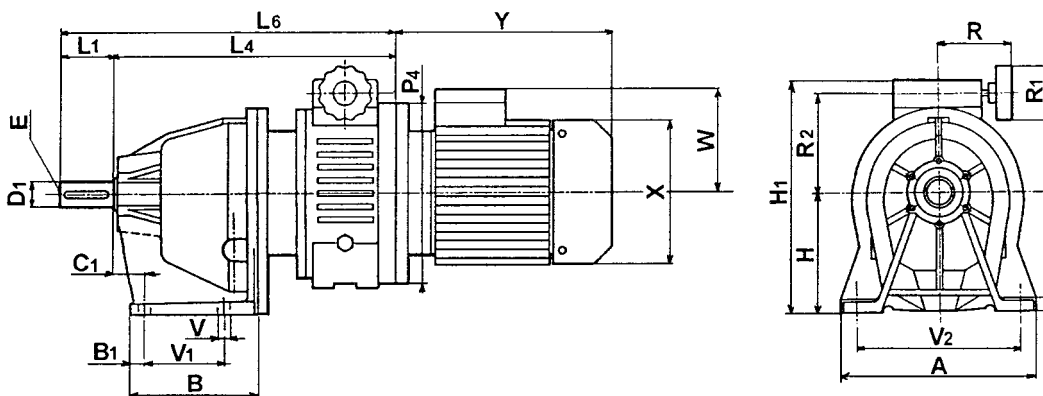
X, Y, W Vedere tabelle motori elettrici

X, Y, W See electric motor table

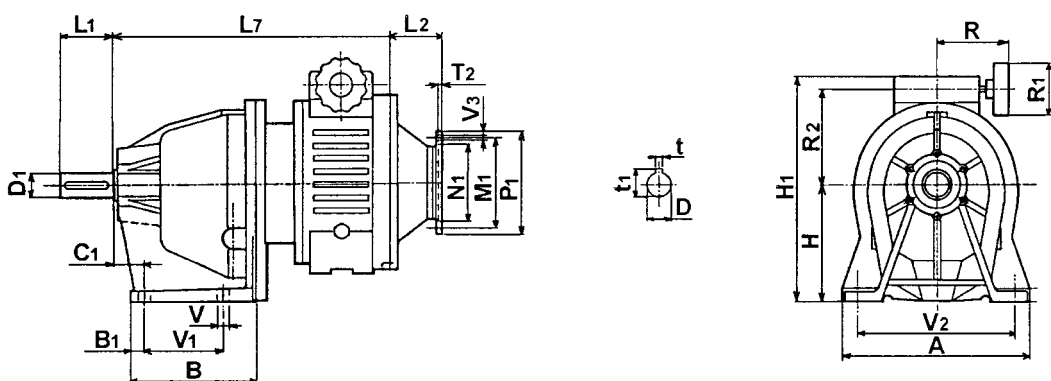
X, Y, W Siehe Motortabelle



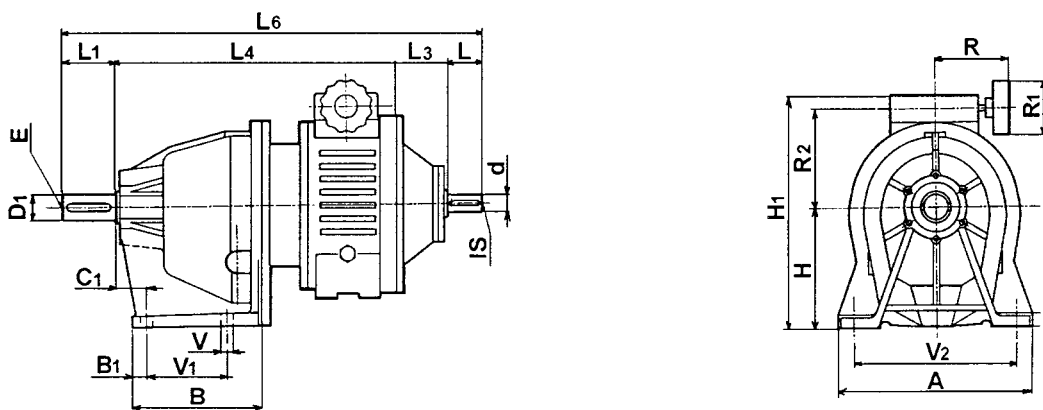
## MK.../2 B5



## MK.../2 PAM B14



## K.../2



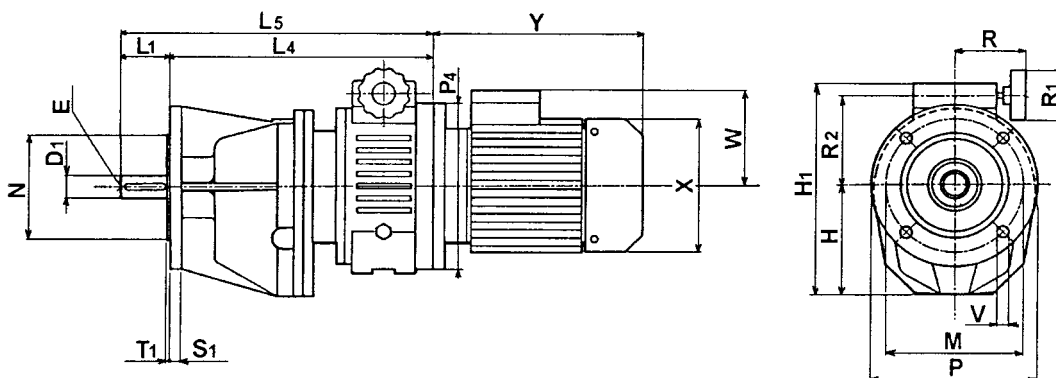
	A	B	B <sub>1</sub>	C <sub>1</sub>	S	V	V <sub>1</sub>	V <sub>2</sub>	H	H <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	L <sub>6</sub>	M <sub>1</sub>	N <sub>1</sub>	P <sub>4</sub>	R	R <sub>1</sub>	R <sub>2</sub>	T <sub>2</sub>	V <sub>3</sub>	d <sub>j6</sub>	IS	L	D <sub>j6</sub>	E	L <sub>1</sub>	D <sub>F7</sub>	t	t <sub>1</sub>	P <sub>1</sub>
2/2	140	106	15	27	10	9	70	105	105	201	60	59	248	288	370	115	95	140	110	85	75	4	9	11	M4	23	19	M8	40	11	4	12,8	90
5/2	186	120	20	24	12	11	85	150	115	220	60	58	267	317	405	130	110	160	110	85	88	4	9	14	M5	30	24	M8	50	14	5	16,3	105
10/2	220	143	16	34	12	14	90	185	135	260	65	63	320	380	483	165	130	200	130	110	106	5	12	19	M8	40	28	M8	60	19	6	21,8	120
20/2	260	190	20	15	20	14	130	200	170	320	76	77	368	448	575	165	130	200	138	110	125	5	12	24	M8	50	38	M10	80	24	8	27,3	140
30/2 50/2	310	236	28	33	25	18	170	250	210	385	90	97	457	567	724	215	180	250	158	110	150	5	14	28	M8	60	48	M10	110	28	8	31,3	160
100/2	345	270	38	43	30	22	180	280	260	495	120	120	521	661	861	265	230	300	195	110	206	5	14	38	M10	80	60	M16	140	38	10	41,3	-

X, Y, W Vedere tabelle motori elettrici

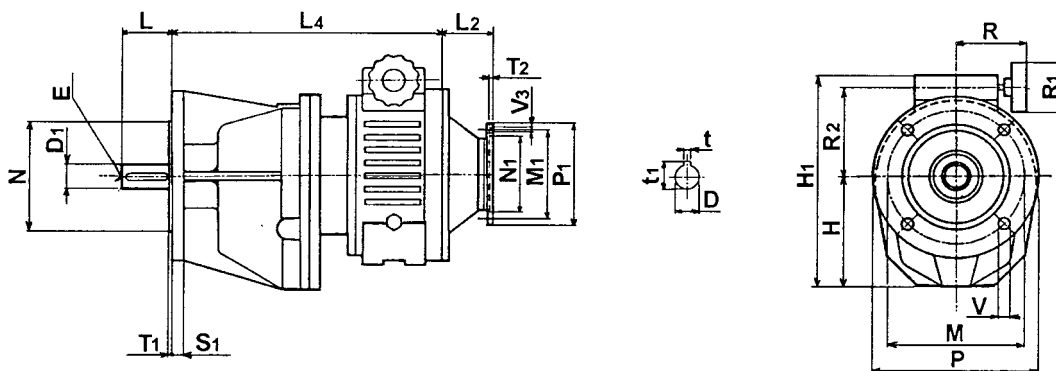
X, Y, W See electric motor table

X, Y, W Siehe Motortabelle

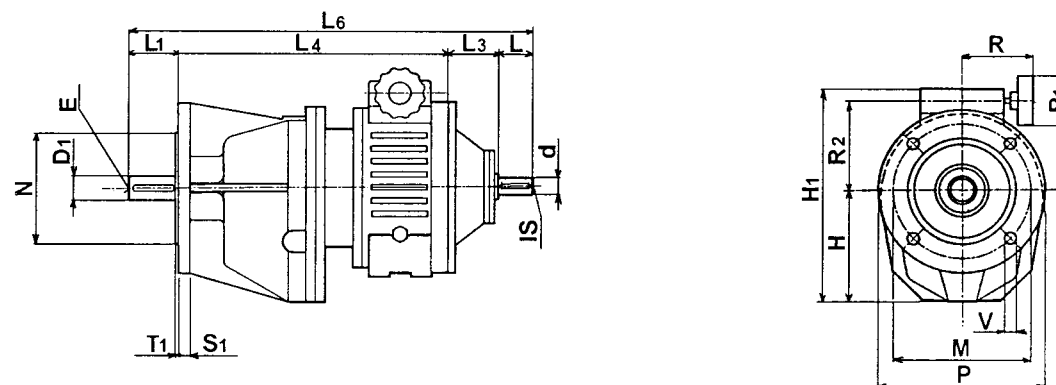
## MKF.../2 B5



## MKF.../2 PAM B14



## K.../2



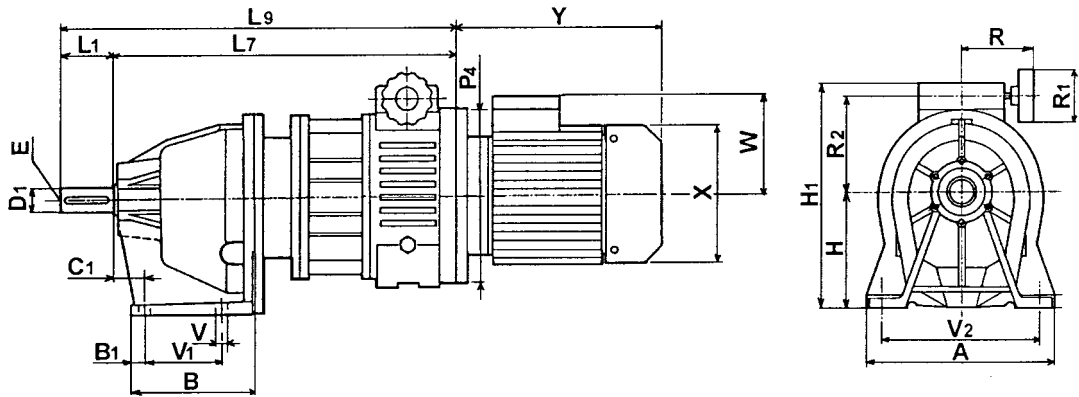
	M	N	P	S <sub>1</sub>	T <sub>1</sub>	V	H	H <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	L <sub>6</sub>	M <sub>1</sub>	N <sub>1</sub>	P <sub>4</sub>	R	R <sub>1</sub>	R <sub>2</sub>	T <sub>2</sub>	V <sub>3</sub>	d <sub>j6</sub>	IS	L	D <sub>j6</sub>	E	L <sub>1</sub>	D <sub>F7</sub>	t	t <sub>1</sub>	P <sub>1</sub>
2/2	115	95	140	10	3	9	105	201	60	59	248	288	370	115	95	140	110	85	75	4	9	11	M4	23	19	M8	40	11	4	12,8	90
5/2	130	110	160	12	3,5	11	115	220	60	58	267	317	405	130	110	160	110	85	88	4	9	14	M5	30	24	M8	50	14	5	16,3	105
10/2	165	130	200	14	4	14	135	260	65	63	320	380	483	165	130	200	130	110	106	5	12	19	M8	40	28	M8	60	19	6	21,8	120
20/2	215	180	250	16	4	14	170	320	76	77	368	448	575	165	130	200	138	110	125	5	12	24	M8	50	38	M10	80	24	8	27,3	140
30/2 50/2	265	230	300	18	5	18	210	385	90	97	457	567	724	215	180	250	158	110	150	5	14	28	M8	60	48	M10	110	28	8	31,3	160
100/2	300	250	350	22	5	22	260	495	120	120	521	661	861	265	230	300	195	110	206	5	14	38	M10	80	60	M16	140	38	10	41,3	-

X, Y, W Vedere tabelle motori elettrici

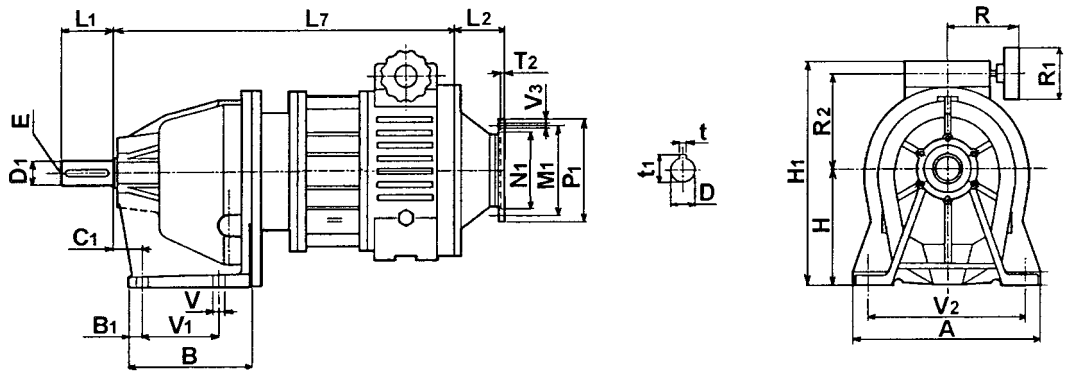
X, Y, W See electric motor table

X, Y, W Siehe Motortabelle

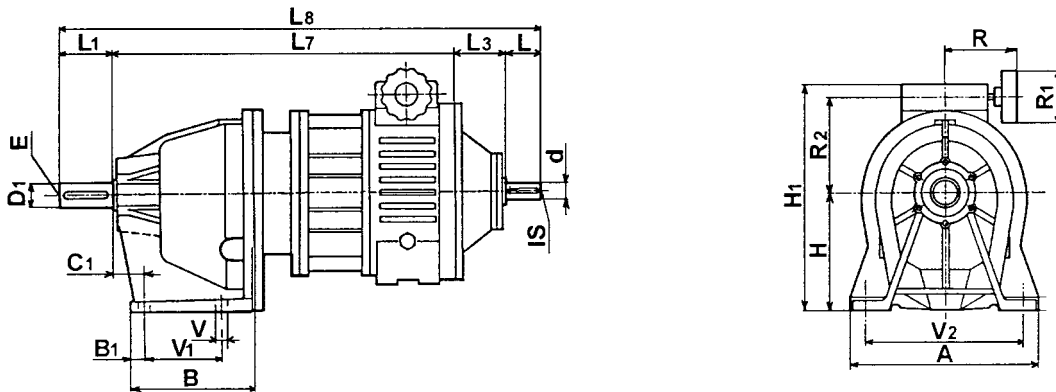
## MKD.../2 B5



## MKD.../2 PAM B14



## KD.../2



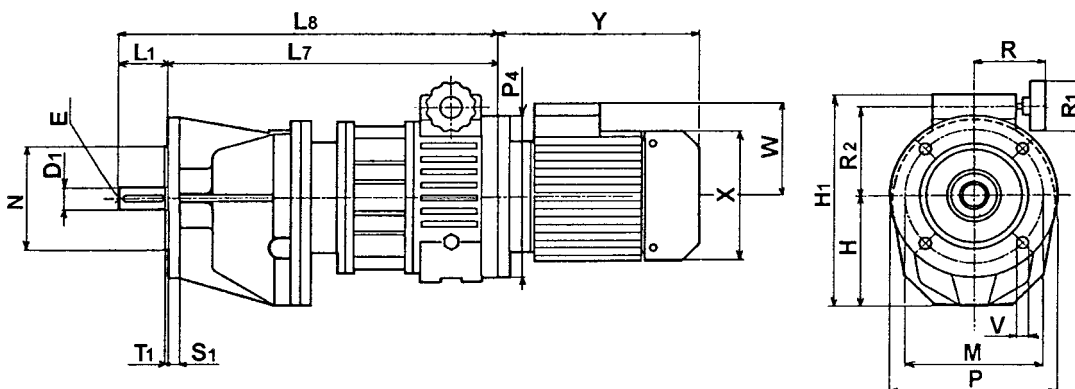
	A	B	B <sub>1</sub>	C <sub>1</sub>	S	V	V <sub>1</sub>	V <sub>2</sub>	H	H <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>7</sub>	L <sub>8</sub>	L <sub>9</sub>	M <sub>1</sub>	N <sub>1</sub>	P <sub>4</sub>	R	R <sub>1</sub>	R <sub>2</sub>	T <sub>2</sub>	V <sub>3</sub>	d <sub>j6</sub>	IS	L	D <sub>1</sub> <sub>j6</sub>	E	L <sub>1</sub>	D <sub>F7</sub>	t	t <sub>1</sub>	P <sub>1</sub>
5/2	186	120	20	24	12	11	85	150	115	220	60	58	354	492	404	130	110	160	110	85	88	4	9	14	M5	30	24	M8	50	14	5	16,3	105
10/2	220	143	16	34	12	14	90	185	135	260	65	63	403	566	463	165	130	200	130	110	106	5	12	19	M8	40	28	M8	60	19	6	21,8	120
20/2	260	190	20	15	20	14	130	200	170	320	76	77	470	677	550	165	130	200	138	110	125	5	12	24	M8	50	38	M10	80	24	8	27,3	140
30/2 50/2	310	236	28	33	25	18	170	250	210	385	90	97	592	859	702	215	180	250	158	110	150	5	14	28	M8	60	48	M10	110	28	8	31,3	160
100/2	345	270	38	43	30	22	180	280	260	495	120	120	669	1009	809	265	230	300	195	110	206	5	14	38	M10	80	60	M16	140	38	10	41,3	-

X, Y, W Vedere tabelle motori elettrici

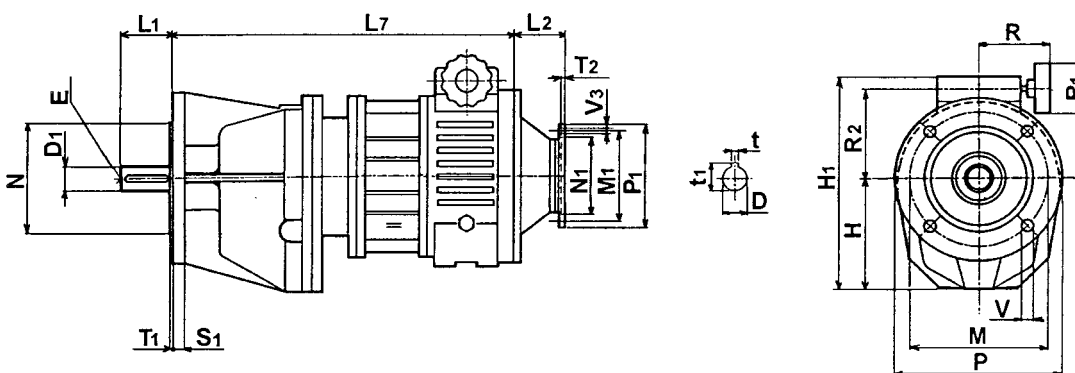
X, Y, W See electric motor table

X, Y, W Siehe Motortabelle

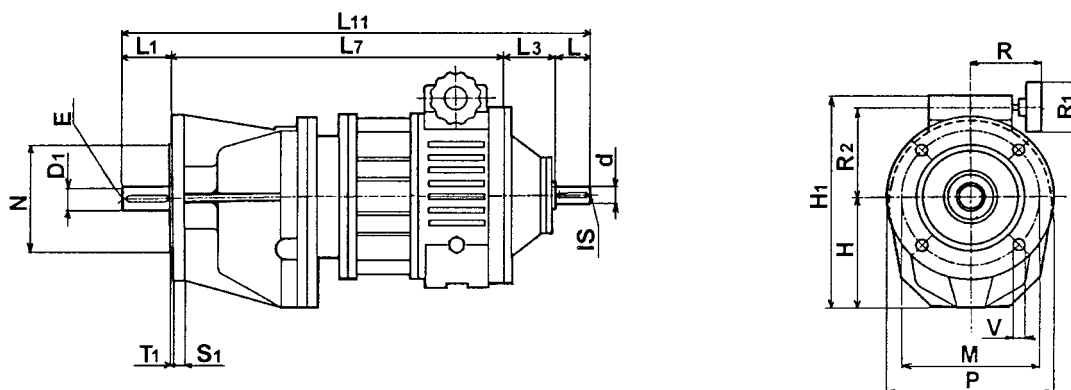
## MKDF.../2 B5



## MKDF.../2 PAM B14



## KDF.../2



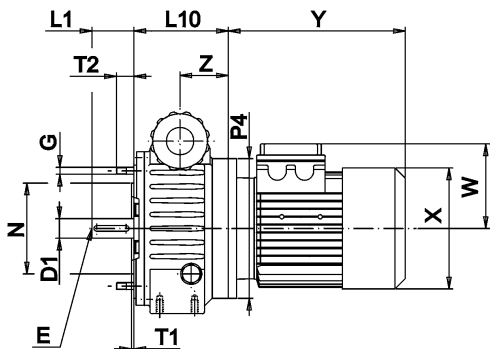
	M	N	P	S <sub>1</sub>	T <sub>1</sub>	V	H	H <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>7</sub>	L <sub>8</sub>	L <sub>11</sub>	M <sub>1</sub>	N <sub>1</sub>	P <sub>4</sub>	R	R <sub>1</sub>	R <sub>2</sub>	T <sub>2</sub>	V <sub>3</sub>	d <sub>j6</sub>	IS	L	D <sub>j6</sub>	E	L <sub>1</sub>	D <sub>F7</sub>	t	t <sub>1</sub>	P <sub>1</sub>
5/2	130	110	160	12	3,5	11	115	220	60	58	351	401	489	130	110	160	110	85	88	4	9	14	M5	30	24	M8	50	14	5	16,3	105
10/2	165	130	200	14	4	14	135	260	65	63	404	464	567	165	130	200	130	110	106	5	12	19	M8	40	28	M8	60	19	6	21,8	120
20/2	215	180	250	16	4	14	170	320	77	76	463	543	669	165	130	200	138	110	125	5	12	24	M8	50	38	M10	80	24	8	27,3	140
30/2 50/2	265	230	300	18	5	18	210	385	90	97	592	727	934	215	180	250	158	110	150	5	14	28	M8	60	48	M10	110	28	8	31,3	160
100/2	300	250	350	22	5	22	260	495	120	120	669	809	1009	265	230	300	206	110	206	5	14	38	M10	80	60	M16	140	38	10	41,3	-

X, Y, W Vedere tabelle motori elettrici

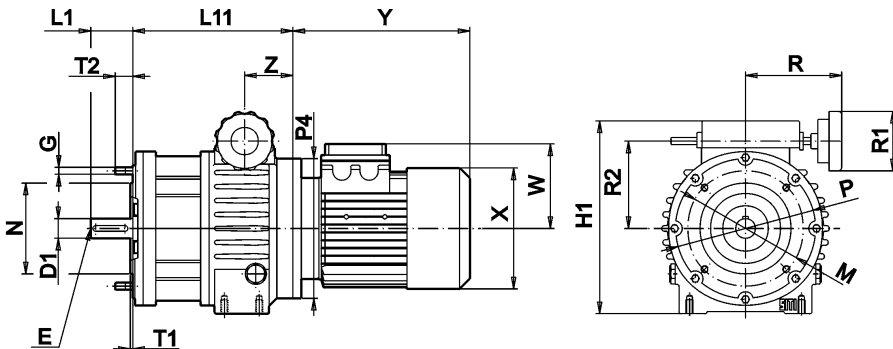
X, Y, W See electric motor table

X, Y, W Siehe Motortabelle

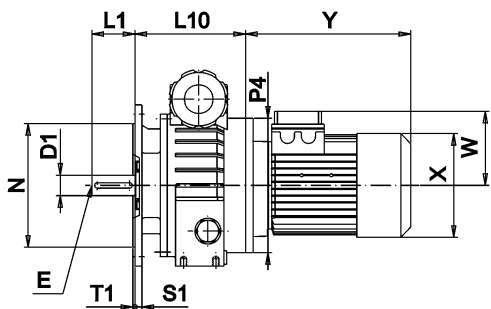
## MKFC 20 B5



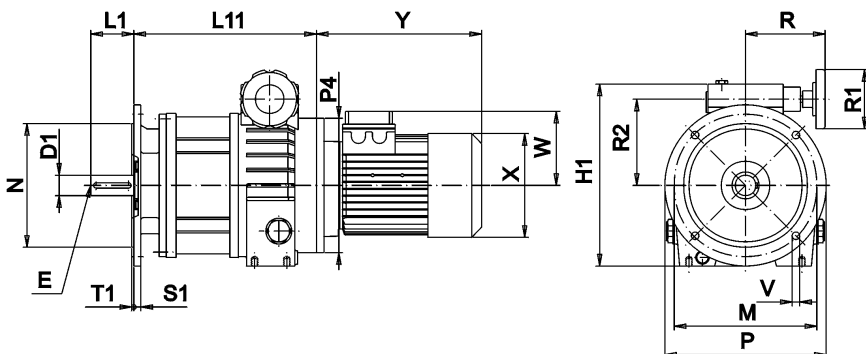
## MKDFC 20 B5



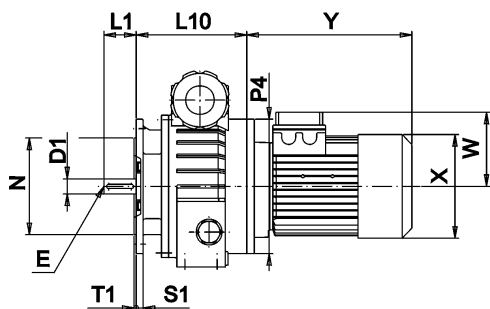
## MKFC 30-50 B5



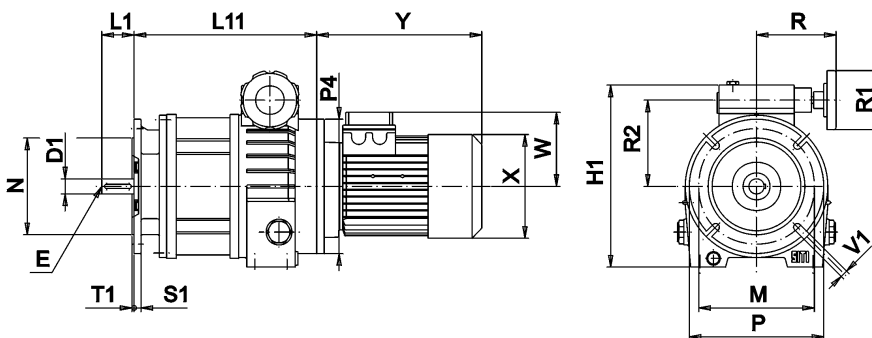
## MKDFC 30-50 B5



## MKFC 30-50 B5



## MKDFC 30-50 B5



	M	N	P	S <sub>1</sub>	T <sub>1</sub>	V	V <sub>1</sub>	G	T <sub>2</sub>	H <sub>1</sub>	L <sub>10</sub>	L <sub>11</sub>	P <sub>4</sub>	R	R <sub>1</sub>	R <sub>2</sub>	D <sub>1</sub>	E	L <sub>1</sub>	Z
20	165	130	200	--	3,5	--	--	M10	25	276	125	229	200	138	85	125	24	M8	50	69
																	28		60	
30	265	230	300	13	4	14	--	--	--	338,5	205,5	339,5	250	148	110	160,5	38	M10	80	87
						--											14		28	
50	215	180	250																	

X, Y, W Vedere tabelle motori elettrici

X, Y, W See electric motor table

X, Y, W Siehe Motortabelle

## CARICO RADIALE ED ASSIALE ESTERNO AMMISSIBILE

I carichi radiali ammissibili sono indicati nella tabella sottostante e si intendono applicati alla mezzeria della sporgenza dell'albero nel caso di applicazione con fattore di servizio  $sf = 1$ .

Il carico assiale ammissibile che può essere sopportato, quando combinato a carichi radiali esterni, è pari al 20-25% del corrispondente carico radiale massimo.

Per velocità di rotazione diverse da quelle indicate nella tabella, i valori dei carichi ammissibili si possono ricavare per interpolazione.

## MAX. ALLOWABLE EXTERNAL RADIAL AND AXIAL LOAD

The allowable radial loads are indicated in the chart below and they are meant to be applied to the center line of the shaft projection, in case the application is relative to a service factor  $sf = 1$

The axial load that can be withstood, when combined with external radial loads, is 20-25% of the corresponding maximum external radial load.

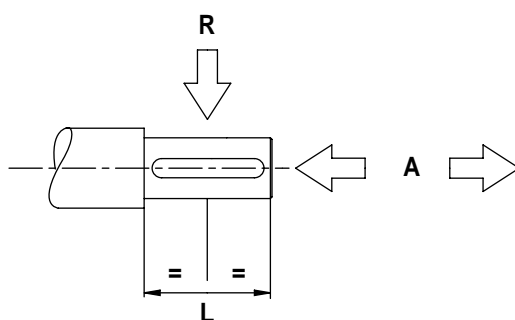
For ratios that differ from those indicated in the chart, the allowable loads can be determined by interpolation.

## ZULÄSSIGE EXTERNE RADIALE UND AXIALE BELASTUNG

Die zulässigen, radialen Belastungen sind in der nachfolgenden Tabelle angegeben und werden auf der Mittellinie der Welle bei Anwendungen mit Betriebsfaktor  $sf=1$  aufgebracht.

Die max. zulässige, axiale Belastung (wenn diese mit externen, radialen Belastungen kombiniert ist) entspricht einem Wert von 20-25% der max. radialen Belastung.

Für Untersetzungsverhältnissen, die von den in der Tabelle angegebenen Werten abweichen, können die zulässigen Belastungswerte durch Interpolation erhalten werden.



		K - KF - KD - KDF													
		2		5		10		20		30		50		100	
		A	R	A	R	A	R	A	R	A	R	A	R	A	R
$n_1$		Albero entrata / Input shaft / Eingangswelle													
1400		87	350	100	400	137	550	237	950	475	1900	475	1900	625	2500

		K - MK / KF - MKF / KD - MKD / KDF - MKDF															
		Albero uscita / Output shaft / Abtriebswelle															
$n_2$		40	160	62	250	100	400	157	630	250	1000	500	2000	312	1250	625	2500
1000		40	160	62	250	100	400	157	630	250	1000	500	2000	312	1250	625	2500
190		62	250	100	400	157	630	250	1000	500	2000	500	2000	900	3600		

		K - MK / KF - MKF / KD - MKD / KDF - MKDF													
		2/1		5/1		10/1		20/1		30/1		50/1		100/1	
		A	R	A	R	A	R	A	R	A	R	A	R	A	R
$n_2$		Albero uscita / Output shaft / Abtriebswelle													
500		87	350	137	550	224	900	500	2000	875	3500	875	3500	1375	5500
320		105	420	162	650	262	1050	550	2200	1075	4300	1075	4300	1575	6300
200		125	500	187	750	300	1200	625	2500	1250	5000	1250	5000	1875	7500
125		142	570	212	850	337	1350	700	2800	1450	5800	1450	5800	2125	8500
80		162	650	237	950	375	1500	787	3150	1625	6500	1625	6500	2375	9500
50		187	750	262	1050	412	1650	850	3400	1825	7300	1825	7300	2700	10800
≤ 30		200	800	287	1150	450	1800	937	3750	2000	8000	2000	8000	3125	12500

		K - MK / KF - MKF / KD - MKD / KDF - MKDF													
		2/2		5/2		10/2		20/2		30/2		50/2		100/2	
		A	R	A	R	A	R	A	R	A	R	A	R	A	R
$n_2$		Albero uscita / Output shaft / Abtriebswelle													
250		312	1250	425	1700	687	2750	1050	4200	1687	6700	1680	6750	2475	9900
200		335	1340	460	1840	740	2960	1130	4520	1815	7260	1815	7260	2650	10600
160		362	1450	497	1990	795	3180	1217	4870	1955	7820	1955	7820	2830	11350
125		390	1560	537	2150	855	3420	1310	5240	2107	8430	2107	8430	3050	12200
100		417	1670	580	2320	920	3680	1412	5650	2270	9080	2270	9080	3275	13100
80		465	1860	625	2500	990	3960	1500	6090	2445	9780	2445	9780	3525	14100
63		515	2060	675	2700	1067	4270	1637	6550	2625	10500	2625	10500	3800	15200
50		565	2260	722	2890	1150	4600	1762	7050	2825	11300	2825	11300	4075	16300
40		625	2500	750	3000	1250	5000	1875	7500	3000	12000	3000	12000	4375	17500
≤ 30		662	2650	787	3150	1312	5250	1975	7900	3175	12700	3175	12700	4625	18500

MOTOVARIATORI COMBINATI MK/MHL.../3

**COMBINED MOTORIZES VARIATORS MK/MHL.../3**

*KOMBINIERTE VERSTELLGETRIEBE MIT MOTOR MK/MHL.../3*

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO (*) TYPE (*) TYP (*)	<b>i</b>	<b>Poli</b> <b>poles</b> <i>polig</i>	<b>M<sub>LM</sub></b>	<b>sf</b>
<b>0,12</b> <b>0,16</b>	1,3	0,2	666	1554	<b>MKF2+MHL50/3 (PAM63)</b>	464,96	6	1518	1
	1,5	0,3	593	1384	<b>MKF2+MHL50/3 (PAM63)</b>	414,1	6	1518	1,1
	1,9	0,4	533	1554	<b>MKF2+MHL50/3 (PAM63)</b>	464,96	4	1518	1
	2,1	0,4	475	1384	<b>MKF2+MHL50/3 (PAM63)</b>	414,1	4	1518	1,1
	2,4	0,5	422	1232	<b>MKF2+MHL50/3 (PAM63)</b>	368,53	4	1518	1,2
	2,6	0,5	330	771	<b>MKF2+MHL40/3 (PAM63)</b>	230,52	6	759	1
	3,1	0,6	278	649	<b>MKF2+MHL40/3 (PAM63)</b>	194,16	6	759	1,2
	3,8	0,7	264	771	<b>MKF2+MHL40/3 (PAM63)</b>	230,52	4	759	1
	4,5	0,9	223	649	<b>MKF2+MHL40/3 (PAM63)</b>	194,16	4	759	1,2
	4,5	0,8	194	453	<b>MKF2+MHL30/3 (PAM63)</b>	135,39	6	443	1
	5,2	1	167	390	<b>MKF2+MHL30/3 (PAM63)</b>	116,57	6	443	1,1
	6,5	1,3	155	453	<b>MKF2+MHL30/3 (PAM63)</b>	135,39	4	443	1
	7,5	1,5	134	390	<b>MKF2+MHL30/3 (PAM63)</b>	116,57	4	443	1,1
	8,7	1,6	100	234	<b>MKF2+MHL25/3 (PAM63)</b>	69,91	6	202	0,9
	10,2	1,9	86	200	<b>MKF2+MHL25/3 (PAM63)</b>	59,93	6	202	1
14,7	2,8	69	200	<b>MKF2+MHL25/3 (PAM63)</b>	59,93	4	202	1	
16,9	3,3	60	174	<b>MKF2+MHL25/3 (PAM63)</b>	52,1	4	202	1,2	
<b>0,18</b> <b>0,25</b>	1,9	0,4	710	1554	<b>MKF2+MHL50/3 (PAM63)</b>	464,96	4	1518	1
	2,1	0,4	633	1384	<b>MKF2+MHL50/3 (PAM63)</b>	414,1	4	1518	1,1
	2,4	0,5	563	1232	<b>MKF2+MHL50/3 (PAM63)</b>	368,53	4	1518	1,2
	3,3	0,6	396	1507	<b>MKF5+MHL50/3 (PAM71)</b>	197,3	6	1518	1
	3,8	0,7	350	1332	<b>MKF5+MHL50/3 (PAM71)</b>	174,36	6	1518	1,1
	3,8	0,7	352	771	<b>MKF2+MHL40/3 (PAM63)</b>	230,52	4	759	1
	3,8	0,8	355	1332	<b>MKF2+MHL50/3 (PAM63)</b>	464,96	2	1518	1,1
	4,2	0,9	316	1186	<b>MKF2+MHL50/3 (PAM63)</b>	414,1	2	1518	1,3
	4,5	0,9	297	649	<b>MKF2+MHL40/3 (PAM63)</b>	194,16	4	759	1,2
	6,2	1,3	214	803	<b>MKF2+MHL40/3 (PAM63)</b>	280,11	2	759	0,9
	6,3	1,1	212	806	<b>MKF5+MHL40/3 (PAM71)</b>	105,52	6	759	0,9
	6,5	1,3	207	453	<b>MKF2+MHL30/3 (PAM63)</b>	135,39	4	443	1
	7,4	1,3	179	681	<b>MKF5+MHL40/3 (PAM71)</b>	89,11	6	759	1,1
	7,5	1,5	178	390	<b>MKF2+MHL30/3 (PAM63)</b>	116,57	4	443	1,1
	7,6	1,6	176	660	<b>MKF2+MHL40/3 (PAM63)</b>	230,52	2	759	1,1
	11	2,3	122	456	<b>MKF2+MHL30/3 (PAM63)</b>	159,24	2	443	1
	11,4	2,1	116	442	<b>MKF5+MHL30/3 (PAM71)</b>	57,9	6	443	1
	12,9	2,7	103	388	<b>MKF2+MHL30/3 (PAM63)</b>	135,39	2	443	1,1
	14,7	2,8	92	200	<b>MKF2+MHL25/3 (PAM63)</b>	59,93	4	202	1
	16,9	3,3	80	174	<b>MKF2+MHL25/3 (PAM63)</b>	52,1	4	202	1,2
25	5,1	53	200	<b>MKF2+MHL25/3 (PAM63)</b>	69,91	2	202	1	
29,2	6	46	172	<b>MKF2+MHL25/3 (PAM63)</b>	59,93	2	202	1,2	

(\*) Il PAM è riferito al riduttore MHL.

(\*) PAM refers to the MHL gearbox.

(\*) PAM bezieht sich auf das MHL-Untersetzungsgetriebe.



$kW_1$ $HP_1$	$n_2$ $min^{-1}$	$n_2$ $min^{-1}$	$M_2$ $Nm$	$M_2$ $Nm$	TIPO (*) TYPE (*) TYP (*)	i	Poli poles polig	$M_{LIM}$	sf
<b>0,25</b> <b>0,33</b>	1,9	0,4	977	1554	MKF2+MHL50/3 (PAM63)	464,96	4	1518	1
	2,1	0,4	870	1384	MKF2+MHL50/3 (PAM63)	414,1	4	1518	1,1
	2,4	0,5	774	1232	MKF2+MHL50/3 (PAM63)	368,53	4	1518	1,2
	3,3	0,6	546	1507	MKF5+MHL50/3 (PAM71)	197,3	6	1518	1
	3,8	0,7	483	1332	MKF5+MHL50/3 (PAM71)	174,36	6	1518	1,1
	3,8	0,7	484	771	MKF2+MHL40/3 (PAM63)	230,52	4	759	1
	3,8	0,8	488	1332	MKF2+MHL50/3 (PAM63)	464,96	2	1518	1,1
	4,2	0,9	435	1186	MKF2+MHL50/3 (PAM63)	414,1	2	1518	1,3
	4,5	0,9	408	649	MKF2+MHL40/3 (PAM63)	194,16	4	759	1,2
	5,1	1	358	1507	MKF5+MHL50/3 (PAM71)	197,3	4	1518	1
	5,7	1,1	316	1332	MKF5+MHL50/3 (PAM71)	174,36	4	1518	1,1
	6,2	1,3	294	803	MKF2+MHL40/3 (PAM63)	280,11	2	759	0,9
	6,3	1,1	292	806	MKF5+MHL40/3 (PAM71)	105,52	6	759	0,9
	6,5	1,3	284	453	MKF2+MHL30/3 (PAM63)	135,39	4	443	1
	6,8	1,3	267	1124	MKF5+MHL50/3 (PAM71)	147,12	4	1518	1,4
	7,4	1,3	247	681	MKF5+MHL40/3 (PAM71)	89,11	6	759	1,1
	7,5	1,5	245	390	MKF2+MHL30/3 (PAM63)	116,57	4	443	1,1
	7,6	1,6	242	660	MKF2+MHL40/3 (PAM63)	230,52	2	759	1,1
	9,5	1,8	191	806	MKF5+MHL40/3 (PAM71)	105,52	4	759	0,9
	11	2,3	167	456	MKF2+MHL30/3 (PAM63)	159,24	2	443	1
	11,2	2,1	162	681	MKF5+MHL40/3 (PAM71)	89,11	4	759	1,1
	11,4	2,1	160	442	MKF5+MHL30/3 (PAM71)	57,9	6	443	1
	12,9	2,7	142	388	MKF2+MHL30/3 (PAM63)	135,39	2	443	1,1
	13,2	2,5	138	580	MKF5+MHL40/3 (PAM71)	75,97	4	759	1,3
	14,7	2,8	126	200	MKF2+MHL25/3 (PAM63)	59,93	4	202	1
	15,3	2,9	118	498	MKF5+MHL40/3 (PAM71)	65,23	4	759	1,5
	16,8	3,2	108	456	MKF5+MHL30/3 (PAM71)	59,7	4	443	1
	16,9	3,3	109	174	MKF2+MHL25/3 (PAM63)	52,1	4	202	1,2
	17,8	3,4	102	430	MKF5+MHL40/3 (PAM71)	56,28	4	759	1,8
25	5,1	73	200	MKF2+MHL25/3 (PAM63)	69,91	2	202	1	
29,2	6	63	172	MKF2+MHL25/3 (PAM63)	59,93	2	202	1,2	
<b>0,37</b> <b>0,5</b>	3,3	0,6	829	1507	MKF5+MHL50/3 (PAM71)	197,3	6	1518	1
	3,8	0,7	733	1332	MKF5+MHL50/3 (PAM71)	174,36	6	1518	1,1
	3,8	0,8	710	1332	MKF2+MHL50/3 (PAM63)	464,96	2	1518	1,1
	4,2	0,9	633	1186	MKF2+MHL50/3 (PAM63)	414,1	2	1518	1,3
	4,4	0,8	603	1724	MKF5+MHL50/3 (PAM71)	225,64	4	1518	0,9
	5,1	1	528	1507	MKF5+MHL50/3 (PAM71)	197,3	4	1518	1
	5,7	1,1	466	1332	MKF5+MHL50/3 (PAM71)	174,36	4	1518	1,1
	6,2	1,3	428	803	MKF2+MHL40/3 (PAM63)	280,11	2	759	0,9
	6,3	1,1	443	806	MKF5+MHL40/3 (PAM71)	105,52	6	759	0,9
	6,8	1,3	393	1124	MKF5+MHL50/3 (PAM71)	147,12	4	1518	1,4
	7,4	1,3	374	681	MKF5+MHL40/3 (PAM71)	89,11	6	759	1,1
	7,6	1,6	352	660	MKF2+MHL40/3 (PAM63)	230,52	2	759	1,1
	7,9	1,5	339	967	MKF5+MHL40/3 (PAM71)	126,62	4	759	0,8
	9,5	1,8	282	806	MKF5+MHL40/3 (PAM71)	105,52	4	759	0,9
	11	2,3	243	456	MKF2+MHL30/3 (PAM63)	159,24	2	443	1
	11,2	2,1	238	681	MKF5+MHL40/3 (PAM71)	89,11	4	759	1,1
	11,4	2,1	243	442	MKF5+MHL30/3 (PAM71)	57,9	6	443	1
	12,9	2,7	207	388	MKF2+MHL30/3 (PAM63)	135,39	2	443	1,1
	13,2	2,5	203	580	MKF5+MHL40/3 (PAM71)	75,97	4	759	1,3
	17,3	3,3	155	442	MKF5+MHL30/3 (PAM71)	57,9	4	443	1
25	5,1	107	200	MKF2+MHL25/3 (PAM63)	69,91	2	202	1	
29,2	6	92	172	MKF2+MHL25/3 (PAM63)	59,93	2	202	1,2	

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<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO (*) TYPE (*) TYP (*)	<b>i</b>	<b>Poli</b> <b>poles</b> <i>polig</i>	<b>M<sub>LIM</sub></b>	<b>sf</b>
<b>0,55</b> <b>0,75</b>	3	0,5	1364	3147	<b>MKF10+MHL60/3 (PAM90)</b>	219,7	6	2910	0,9
	3,7	0,7	1101	2540	<b>MKF10+MHL60/3 (PAM90)</b>	177,3	6	2910	1,1
	4,1	0,7	999	2306	<b>MKF10+MHL60/3 (PAM90)</b>	161	6	2910	1,3
	4,6	0,9	902	3147	<b>MKF10+MHL60/3 (PAM90)</b>	219,7	4	2910	0,9
	5,2	1	782	1804	<b>MKF10+MHL50/3 (PAM90)</b>	125,93	6	1518	0,8
	5,6	1,1	728	2540	<b>MKF10+MHL60/3 (PAM90)</b>	177,3	4	2910	1,1
	5,7	1	714	1649	<b>MKF10+MHL60/3 (PAM90)</b>	115,1	6	2910	1,8
	6,1	1,1	676	1561	<b>MKF10+MHL50/3 (PAM90)</b>	108,97	6	1518	1
	6,2	1,2	661	2306	<b>MKF10+MHL60/3 (PAM90)</b>	161	4	2910	1,3
	6,5	1,2	648	1768	<b>MKF5+MHL50/3 (PAM71)</b>	308,48	2	1518	0,9
	6,9	1,3	590	1362	<b>MKF10+MHL50/3 (PAM90)</b>	95,1	6	1518	1,1
	7,6	1,5	549	1499	<b>MKF5+MHL50/3 (PAM71)</b>	261,54	2	1518	1
	8,9	1,7	474	1293	<b>MKF5+MHL50/3 (PAM71)</b>	225,64	2	1518	1,2
	9,2	1,7	447	1561	<b>MKF10+MHL50/3 (PAM90)</b>	108,97	4	1518	1
	9,3	1,7	440	1015	<b>MKF10+MHL50/3 (PAM90)</b>	70,86	6	1518	1,5
	10,5	2	391	1362	<b>MKF10+MHL50/3 (PAM90)</b>	95,1	4	1518	1,1
	10,9	2	375	866	<b>MKF10+MHL50/3 (PAM90)</b>	60,43	6	1518	1,8
	12	2,3	343	1197	<b>MKF10+MHL50/3 (PAM90)</b>	83,55	4	1518	1,3
	13,9	2,6	303	827	<b>MKF5+MHL40/3 (PAM71)</b>	144,39	2	759	0,9
	14,1	2,7	291	1015	<b>MKF10+MHL50/3 (PAM90)</b>	70,83	4	1518	1,5
15,8	3	266	726	<b>MKF5+MHL40/3 (PAM71)</b>	126,62	2	759	1	
16,5	3,1	248	866	<b>MKF10+MHL50/3 (PAM90)</b>	60,43	4	1518	1,8	
24	4,6	175	477	<b>MKF5+MHL30/3 (PAM71)</b>	83,24	2	443	0,9	
28,9	5,5	145	396	<b>MKF5+MHL30/3 (PAM71)</b>	69,16	2	443	1,1	
34,5	6,6	122	332	<b>MKF5+MHL30/3 (PAM71)</b>	57,9	2	443	1,3	
<b>0,75</b> <b>1</b>	4,6	0,9	1217	3147	<b>MKF10+MHL60/3 (PAM90)</b>	219,7	4	2910	0,9
	5,6	1,1	982	2540	<b>MKF10+MHL60/3 (PAM90)</b>	177,3	4	2910	1,1
	6,2	1,2	892	2306	<b>MKF10+MHL60/3 (PAM90)</b>	161	4	2910	1,3
	6,5	1,2	825	1768	<b>MKF5+MHL50/3 (PAM71)</b>	308,48	2	1518	0,9
	7,6	1,5	699	1499	<b>MKF5+MHL50/3 (PAM71)</b>	261,54	2	1518	1
	8,7	1,7	638	1649	<b>MKF10+MHL60/3 (PAM90)</b>	115,1	4	2910	1,8
	9,2	1,7	604	1561	<b>MKF10+MHL50/3 (PAM90)</b>	108,97	4	1518	1
	13,9	2,6	386	827	<b>MKF5+MHL40/3 (PAM71)</b>	144,39	2	759	0,9
	14,1	2,7	392	1015	<b>MKF10+MHL50/3 (PAM90)</b>	70,83	4	1518	1,5
	15,8	3	339	726	<b>MKF5+MHL40/3 (PAM71)</b>	126,62	2	759	1
	19	3,6	282	605	<b>MKF5+MHL40/3 (PAM71)</b>	105,52	2	759	1,3
	24	4,6	223	477	<b>MKF5+MHL30/3 (PAM71)</b>	83,24	2	443	0,9
	28,9	5,5	185	396	<b>MKF5+MHL30/3 (PAM71)</b>	69,16	2	443	1,1
<b>1,1</b> <b>1,5</b>	3,7	0,7	2241	5171	<b>MKF20+MHL70/3 (PAM100)</b>	180,48	6	5060	1
	4,3	0,8	1927	4447	<b>MKF20+MHL70/3 (PAM100)</b>	155,22	6	5060	1,1
	4,9	0,9	1679	3875	<b>MKF20+MHL70/3 (PAM100)</b>	135,27	6	5060	1,3
	5,5	1,1	1482	5171	<b>MKF20+MHL70/3 (PAM90)</b>	180,48	4	5060	1
	5,7	1	1429	3298	<b>MKF20+MHL60/3 (PAM90)</b>	115,1	6	2910	0,9
	6,4	1,2	1275	4447	<b>MKF20+MHL70/3 (PAM90)</b>	155,22	4	5060	1,1
	6,6	1,2	1234	2848	<b>MKF20+MHL60/3 (PAM90)</b>	99,4	6	2910	1
	7	1,3	1590	3289	<b>MKF10+MHL60/3 (PAM90)</b>	287	2	2910	0,9
	7,4	1,4	1111	3875	<b>MKF20+MHL70/3 (PAM90)</b>	135,27	4	5060	1,3
	8,1	1,5	1373	2841	<b>MKF10+MHL60/3 (PAM90)</b>	247,9	2	2910	1
	8,4	1,6	978	3413	<b>MKF20+MHL70/3 (PAM90)</b>	119,13	4	5060	1,5
	8,7	1,6	945	2180	<b>MKF20+MHL60/3 (PAM90)</b>	76,1	6	2910	1,3
	8,7	1,7	945	3298	<b>MKF20+MHL60/3 (PAM90)</b>	115,1	4	2910	0,9
	9,1	1,7	1217	2518	<b>MKF10+MHL60/3 (PAM90)</b>	219,7	2	2910	1,2
	10,1	1,9	816	2848	<b>MKF20+MHL60/3 (PAM90)</b>	99,4	4	2910	1
	10,9	2	750	1731	<b>MKF20+MHL50/3 (PAM90)</b>	60,43	6	1518	0,9
	11,3	2,1	982	2032	<b>MKF10+MHL60/3 (PAM90)</b>	177,3	2	2910	1,4

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$kW_1$ $HP_1$	max $n_2$ $min^{-1}$	min $n_2$ $min^{-1}$	min $M_2$ Nm	max $M_2$ Nm	TIPO (*) TYPE (*) TYP (*)	i	Poli poles polig	$M_{LIM}$	sf
1,1 1,5	12,4	2,3	662	1527	MKF20+MHL60/3 (PAM90)	53,3	6	2910	1,9
	12,4	2,4	892	1845	MKF10+MHL60/3 (PAM90)	161	2	2910	1,6
	13,1	2,5	625	2180	MKF20+MHL60/3 (PAM90)	76,1	4	2910	1,3
	13,6	2,6	815	1686	MKF10+MHL50/3 (PAM90)	147,12	2	1518	0,9
	15,9	3	698	1443	MKF10+MHL50/3 (PAM90)	125,93	2	1518	1,1
	16,5	3,1	496	1731	MKF20+MHL50/3 (PAM90)	60,43	4	1518	0,9
	17,4	3,3	638	1319	MKF10+MHL60/3 (PAM90)	115,1	2	2910	2,2
	18,4	3,5	604	1249	MKF10+MHL50/3 (PAM90)	108,97	2	1518	1,2
	18,8	3,6	438	1527	MKF20+MHL60/3 (PAM90)	53,3	4	2910	1,9
	20,1	3,8	551	1139	MKF10+MHL60/3 (PAM90)	99,4	2	2910	2,6
	26,3	5	421	871	MKF10+MHL40/3 (PAM90)	75,97	2	759	0,9
	28,2	5,4	392	812	MKF10+MHL50/3 (PAM90)	70,83	2	1518	1,9
	30,7	5,8	361	748	MKF10+MHL40/3 (PAM90)	65,23	2	759	1
	33,1	6,3	335	693	MKF10+MHL50/3 (PAM90)	60,43	2	1518	2,2
35,5	6,8	312	645	MKF10+MHL40/3 (PAM90)	56,28	2	759	1,2	

1,5 2	5,5	1	1934	5688	MKF30+MHL70/3 (PAM100)	119,13	6	5060	0,9
	5,5	1,1	1982	5171	MKF20+MHL70/3 (PAM100)	180,48	4	5060	1
	6,2	1,1	1718	5051	MKF30+MHL70/3 (PAM100)	105,79	6	5060	1
	6,4	1,2	1705	4447	MKF20+MHL70/3 (PAM100)	155,22	4	5060	1,1
	7,4	1,4	1486	3875	MKF20+MHL70/3 (PAM100)	135,27	4	5060	1,3
	8,4	1,6	1308	3413	MKF20+MHL70/3 (PAM100)	119,13	4	5060	1,5
	8,6	1,6	1247	3668	MKF30+MHL70/3 (PAM100)	76,81	6	5060	1,4
	8,7	1,7	1264	3298	MKF20+MHL60/3 (PAM90)	115,1	4	2910	0,9
	9,5	1,8	1162	3031	MKF20+MHL70/3 (PAM100)	105,79	4	5060	1,7
	10,1	1,9	1092	2848	MKF20+MHL60/3 (PAM90)	99,4	4	2910	1
	10,4	1,9	1029	3027	MKF30+MHL60/3 (PAM100)	63,4	6	2910	1
	11,4	2,1	938	2759	MKF30+MHL70/3 (PAM100)	57,77	6	5060	1,8
	12,4	2,3	865	2545	MKF30+MHL60/3 (PAM100)	53,3	6	2910	1,1
	13,1	2,5	836	2180	MKF20+MHL60/3 (PAM90)	76,1	4	2910	1,3
	13,6	2,6	815	1686	MKF10+MHL50/3 (PAM90)	147,12	2	1518	0,9
	14,8	2,8	748	3223	MKF20+MHL60/3 (PAM90)	135	2	2910	0,9
	15,9	3	698	1443	MKF10+MHL50/3 (PAM90)	125,93	2	1518	1,1
	16,5	3,1	664	1731	MKF20+MHL50/3 (PAM90)	60,43	4	1518	0,9
	17,4	3,3	638	2748	MKF20+MHL60/3 (PAM90)	115,1	2	2910	1,1
	18,4	3,5	604	1249	MKF10+MHL50/3 (PAM90)	108,97	2	1518	1,2
	18,8	3,6	585	1527	MKF20+MHL60/3 (PAM90)	53,3	4	2910	1,9
	20,1	3,8	551	2373	MKF20+MHL60/3 (PAM90)	99,4	2	2910	1,2
	23,9	4,5	463	957	MKF10+MHL50/3 (PAM90)	83,55	2	1518	1,6
	26,3	5	421	871	MKF10+MHL40/3 (PAM90)	75,97	2	759	0,9
	28,2	5,4	392	812	MKF10+MHL50/3 (PAM90)	70,83	2	1518	1,9
	30,7	5,8	361	748	MKF10+MHL40/3 (PAM90)	65,23	2	759	1
	33,1	6,3	335	693	MKF10+MHL50/3 (PAM90)	60,43	2	1518	2,2
	33,1	6,3	335	1443	MKF20+MHL50/3 (PAM90)	60,43	2	1518	1,1
	35,5	6,8	312	645	MKF10+MHL40/3 (PAM90)	56,28	2	759	1,2
	37,5	7,1	295	1273	MKF20+MHL60/3 (PAM90)	53,3	2	2910	2,3

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(\*) PAM bezieht sich auf das MHL-Untersetzungsgetriebe.

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO (*) TYPE (*) TYP (*)	<b>i</b>	<b>Poli</b> <b>poles</b> <i>polig</i>	<b>M<sub>LIM</sub></b>	<b>sf</b>
<b>1,8</b> <b>2,5</b>	3,7	0,7	2379	5171	<b>MKF20+MHL70/3 (PAM100)</b>	180,48	6	5060	1
	4,3	0,8	2046	4447	<b>MKF20+MHL70/3 (PAM100)</b>	155,22	6	5060	1,1
	4,3	0,8	4002	7412	<b>MKF30+MHL70/3 (PAM100)</b>	155,22	6	2910	0,4
	5,5	1	2503	8191	<b>MKF50+MHL70/3 (PAM100)</b>	119,13	6	5060	0,6
	5,7	1	1517	3298	<b>MKF20+MHL60/3 (PAM90)</b>	115,1	6	2910	0,9
	6,2	1,1	2728	5051	<b>MKF30+MHL70/3 (PAM100)</b>	105,79	6	5060	1
	6,6	1,2	1310	2848	<b>MKF20+MHL60/3 (PAM90)</b>	99,4	6	2910	1
	7,4	1,3	1883	6163	<b>MKF50+MHL70/3 (PAM100)</b>	89,63	6	5060	0,8
	7,6	1,4	1141	2481	<b>MKF20+MHL60/3 (PAM90)</b>	86,6	6	2910	1,2
	8,6	1,6	1614	5281	<b>MKF50+MHL70/3 (PAM100)</b>	76,81	6	5060	1
	8,6	1,6	1981	3668	<b>MKF30+MHL70/3 (PAM100)</b>	76,81	6	5060	1,4
	8,7	1,6	1002	2177	<b>MKF20+MHL60/3 (PAM90)</b>	76	6	2910	1,3
	10,4	1,9	836	1816	<b>MKF20+MHL60/3 (PAM90)</b>	63,4	6	2910	1,6
	10,4	1,9	1635	3027	<b>MKF30+MHL60/3 (PAM100)</b>	63,4	6	2910	1
	10,9	2	796	1731	<b>MKF20+MHL50/3 (PAM90)</b>	60,43	6	1518	0,9
	11,4	2,1	1214	3972	<b>MKF50+MHL70/3 (PAM100)</b>	57,77	6	5060	1,3
	11,4	2,1	1490	2759	<b>MKF30+MHL70/3 (PAM100)</b>	57,77	6	5060	1,8
12,4	2,3	1374	2545	<b>MKF30+MHL60/3 (PAM100)</b>	53,3	6	2910	1,1	
13,7	2,5	1015	3323	<b>MKF50+MHL70/3 (PAM100)</b>	48,33	6	5060	1,5	

<b>2,2</b> <b>3</b>	5,5	1	2958	8191	<b>MKF50+MHL70/3 (PAM100)</b>	119,13	6	5060	0,6
	5,5	1,1	2930	8618	<b>MKF30+MHL70/3 (PAM100)</b>	180,48	4	5060	0,6
	6,4	1,2	2520	7412	<b>MKF30+MHL70/3 (PAM100)</b>	155,22	4	5060	0,7
	7,4	1,3	2226	6163	<b>MKF50+MHL70/3 (PAM100)</b>	89,63	6	5060	0,8
	8,6	1,6	1907	5281	<b>MKF50+MHL70/3 (PAM100)</b>	76,81	6	5060	1
	9,4	1,8	1754	5098	<b>MKF20+MHL70/3 (PAM100)</b>	213,52	2	5060	1
	9,5	1,8	1718	5051	<b>MKF30+MHL70/3 (PAM100)</b>	105,79	4	5060	1
	11,1	2,1	1482	4309	<b>MKF20+MHL70/3 (PAM100)</b>	180,48	2	5060	1,2
	11,4	2,1	1434	3972	<b>MKF50+MHL70/3 (PAM100)</b>	57,77	6	5060	1,3
	12,9	2,4	1275	3706	<b>MKF20+MHL70/3 (PAM100)</b>	155,22	2	5060	1,4
	13	2,5	1247	3668	<b>MKF30+MHL70/3 (PAM100)</b>	76,81	4	5060	1,4
	13,7	2,5	1200	3323	<b>MKF50+MHL70/3 (PAM100)</b>	48,33	6	5060	1,5
	14,8	2,8	1111	3230	<b>MKF20+MHL60/3 (PAM90)</b>	135,27	2	2910	0,9
	15,8	3	1029	3027	<b>MKF30+MHL60/3 (PAM100)</b>	63,4	4	2910	1
	16,8	3,2	978	2844	<b>MKF20+MHL70/3 (PAM100)</b>	119,13	2	5060	1,8
	17,3	3,3	938	2759	<b>MKF30+MHL70/3 (PAM100)</b>	57,77	4	5060	1,8
	18,8	3,6	865	2545	<b>MKF30+MHL60/3 (PAM100)</b>	53,3	4	2910	1,1
	20,1	3,8	816	2373	<b>MKF20+MHL60/3 (PAM90)</b>	99,4	2	2910	1,2
	20,7	3,9	785	2308	<b>MKF30+MHL70/3 (PAM100)</b>	48,33	4	5060	2,2
	26,3	5	625	1817	<b>MKF20+MHL60/3 (PAM90)</b>	76,1	2	2910	1,6
28,2	5,4	582	1691	<b>MKF20+MHL50/3 (PAM90)</b>	70,83	2	1518	0,9	
31,5	6	521	1514	<b>MKF20+MHL60/3 (PAM90)</b>	63,4	2	2910	1,9	
33,1	6,3	496	1443	<b>MKF20+MHL50/3 (PAM90)</b>	60,43	2	1518	1,1	
37,5	7,1	438	1273	<b>MKF20+MHL60/3 (PAM90)</b>	53,3	2	2910	2,3	

<b>3</b> <b>4</b>	8,4	1,6	2617	5688	<b>MKF30+MHL70/3 (PAM100)</b>	119,13	4	5060	0,9
	9,5	1,8	2324	5051	<b>MKF30+MHL70/3 (PAM100)</b>	105,79	4	5060	1
	10,1	1,9	2183	6835	<b>MKF50+MHL70/3 (PAM100)</b>	99,4	4	5060	0,7
	11,5	2,2	1902	5955	<b>MKF50+MHL70/3 (PAM100)</b>	86,6	4	5060	0,8
	13	2,5	1687	3668	<b>MKF30+MHL70/3 (PAM100)</b>	76,81	4	5060	1,4
	13	2,5	1687	5281	<b>MKF50+MHL70/3 (PAM100)</b>	76,81	4	5060	1
	15,1	2,9	1458	3171	<b>MKF30+MHL70/3 (PAM100)</b>	66,4	4	5060	1,6
	15,1	2,9	1458	4566	<b>MKF50+MHL70/3 (PAM100)</b>	66,4	4	5060	1,1
	15,8	3	1393	3027	<b>MKF30+MHL60/3 (PAM100)</b>	63,4	4	2910	1
	17,3	3,3	1269	3972	<b>MKF50+MHL70/3 (PAM100)</b>	57,77	4	5060	1,3
	18,8	3,6	1171	2545	<b>MKF30+MHL60/3 (PAM100)</b>	53,3	4	2910	1,1
	20,7	3,9	1062	3323	<b>MKF50+MHL70/3 (PAM100)</b>	48,33	4	5060	1,5

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<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO (*) TYPE (*) TYP (*)	<b>i</b>	Poli poles polig	<b>M<sub>LM</sub></b>	<b>sf</b>
<b>4</b> <b>5,5</b>	11,2	2,1	2653	6163	<b>MKF50+MHL70/3 (PAM100)</b>	89,63	4	5060	0,8
	11,4	2,1	2648	8827	<b>MKF100+MHL70/3 (PAM132)</b>	57,77	6	5060	0,6
	13	2,5	2274	5281	<b>MKF50+MHL70/3 (PAM100)</b>	76,81	4	5060	1
	13,7	2,5	2215	7385	<b>MKF100+MHL70/3 (PAM132)</b>	48,33	6	5060	0,7
	15,1	2,9	1966	4566	<b>MKF50+MHL70/3 (PAM100)</b>	66,4	4	5060	1,1
	17,3	3,3	1710	3972	<b>MKF50+MHL70/3 (PAM100)</b>	57,77	4	5060	1,3
	18,8	3,6	1578	3665	<b>MKF50+MHL60/3 (PAM100)</b>	53,3	4	2910	0,8
	20,7	3,9	1430	3321	<b>MKF50+MHL70/3 (PAM100)</b>	48,3	4	5060	1,5

<b>5,5</b> <b>7,5</b>	9,9	1,8	4122	10146	<b>MKF100+MHL70/3 (PAM132)</b>	66,4	6	5060	0,5
	11,4	2,1	3586	8827	<b>MKF100+MHL70/3 (PAM132)</b>	57,77	6	5060	0,6
	13	2,5	3154	11737	<b>MKF100+MHL70/3 (PAM132)</b>	76,81	4	5060	0,4
	13,7	2,5	3000	7385	<b>MKF100+MHL70/3 (PAM132)</b>	48,33	6	5060	0,7
	15,1	2,9	2727	10146	<b>MKF100+MHL70/3 (PAM132)</b>	66,4	4	5060	0,5
	17,3	3,3	2372	8827	<b>MKF100+MHL70/3 (PAM132)</b>	57,77	4	5060	0,6
	20,7	3,9	1985	7385	<b>MKF100+MHL70/3 (PAM132)</b>	48,33	4	5060	0,7

<b>7,5</b> <b>10</b>	15,1	2,9	3678	10146	<b>MKF100+MHL70/3 (PAM132)</b>	66,4	4	5060	0,5
	17,3	3,3	3200	8827	<b>MKF100+MHL70/3 (PAM132)</b>	57,77	4	5060	0,6
	20,7	3,9	2677	7385	<b>MKF100+MHL70/3 (PAM132)</b>	48,33	4	5060	0,7

<b>9,2</b> <b>12,5</b>	15,1	2,9	4566	10146	<b>MKF100+MHL70/3 (PAM132)</b>	66,4	4	5060	0,5
	17,3	3,3	3972	8827	<b>MKF100+MHL70/3 (PAM132)</b>	57,77	4	5060	0,6
	20,7	3,9	3323	7385	<b>MKF100+MHL70/3 (PAM132)</b>	48,33	4	5060	0,7

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TABELLE PRESTAZIONI

TABLE OF PERFORMANCE

LEISTUNGS TABELLE

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO (*) TYPE (*) TYP (*)	<b>i</b>	Poli <b>poles</b> <i>polig</i>	<b>M<sub>LIM</sub></b>	<b>sf</b>
<b>0,18</b> <b>0,25</b>	3,3	0	396	1507	MKDF5+MHL50/3 (PAM71)	197,3	6	1518	1
	3,8	0	350	1332	MKDF5+MHL50/3 (PAM71)	174,36	6	1518	1,1
	6,3	0	212	806	MKDF5+MHL40/3 (PAM71)	105,52	6	759	0,9
	7,4	0	179	681	MKDF5+MHL40/3 (PAM71)	89,11	6	759	1,1
	11,4	0	116	442	MKDF5+MHL30/3 (PAM71)	57,9	6	443	1
<b>0,25</b> <b>0,33</b>	3,3	0	546	1507	MKDF5+MHL50/3 (PAM71)	197,3	6	1518	1
	3,8	0	483	1332	MKDF5+MHL50/3 (PAM71)	174,36	6	1518	1,1
	5,1	0	358	1507	MKDF5+MHL50/3 (PAM71)	197,3	4	1518	1
	5,7	0	316	1332	MKDF5+MHL50/3 (PAM71)	174,36	4	1518	1,1
	6,3	0	292	806	MKDF5+MHL40/3 (PAM71)	105,52	6	759	0,9
	6,8	0	267	1124	MKDF5+MHL50/3 (PAM71)	147,12	4	1518	1,4
	7,4	0	247	681	MKDF5+MHL40/3 (PAM71)	89,11	6	759	1,1
	9,5	0	191	806	MKDF5+MHL40/3 (PAM71)	105,52	4	759	0,9
	11,2	0	162	681	MKDF5+MHL40/3 (PAM71)	89,11	4	759	1,1
	11,4	0	160	442	MKDF5+MHL30/3 (PAM71)	57,9	6	443	1
	13,2	0	138	580	MKDF5+MHL40/3 (PAM71)	75,97	4	759	1,3
	15,3	0	118	498	MKDF5+MHL40/3 (PAM71)	65,23	4	759	1,5
	16,8	0	108	456	MKDF5+MHL30/3 (PAM71)	59,7	4	443	1
17,8	0	102	430	MKDF5+MHL40/3 (PAM71)	56,28	4	759	1,8	
<b>0,37</b> <b>0,5</b>	3,3	0	829	1507	MKDF5+MHL50/3 (PAM71)	197,3	6	1518	1
	3,8	0	733	1332	MKDF5+MHL50/3 (PAM71)	174,36	6	1518	1,1
	4,4	0	603	1724	MKDF5+MHL50/3 (PAM71)	225,64	4	1518	0,9
	5,1	0	528	1507	MKDF5+MHL50/3 (PAM71)	197,3	4	1518	1
	5,7	0	466	1332	MKDF5+MHL50/3 (PAM71)	174,36	4	1518	1,1
	6,3	0	443	806	MKDF5+MHL40/3 (PAM71)	105,52	6	759	0,9
	6,8	0	393	1124	MKDF5+MHL50/3 (PAM71)	147,12	4	1518	1,4
	7,4	0	374	681	MKDF5+MHL40/3 (PAM71)	89,11	6	759	1,1
	7,9	0	339	967	MKDF5+MHL40/3 (PAM71)	126,62	4	759	0,8
	9,5	0	282	806	MKDF5+MHL40/3 (PAM71)	105,52	4	759	0,9
	11,2	0	238	681	MKDF5+MHL40/3 (PAM71)	89,11	4	759	1,1
	11,4	0	243	442	MKDF5+MHL30/3 (PAM71)	57,9	6	443	1
	13,2	0	203	580	MKDF5+MHL40/3 (PAM71)	75,97	4	759	1,3
	17,3	0	155	442	MKDF5+MHL30/3 (PAM71)	57,9	4	443	1
<b>0,55</b> <b>0,75</b>	3	0	1364	3147	MKDF10+MHL60/3 (PAM90)	219,7	6	2910	0,9
	3,7	0	1101	2540	MKDF10+MHL60/3 (PAM90)	177,3	6	2910	1,1
	4,1	0	999	2306	MKDF10+MHL60/3 (PAM90)	161	6	2910	1,3
	4,6	0	902	3147	MKDF10+MHL60/3 (PAM90)	219,7	4	2910	0,9
	5,2	0	782	1804	MKDF10+MHL50/3 (PAM90)	125,93	6	1518	0,8
	5,6	0	728	2540	MKDF10+MHL60/3 (PAM90)	177,3	4	2910	1,1
	5,7	0	714	1649	MKDF10+MHL60/3 (PAM90)	115,1	6	2910	1,8
	6,1	0	676	1561	MKDF10+MHL50/3 (PAM90)	108,97	6	1518	1
	6,2	0	661	2306	MKDF10+MHL60/3 (PAM90)	161	4	2910	1,3
	6,5	0	648	1768	MKDF5+MHL50/3 (PAM71)	308,48	2	1518	0,9
	6,9	0	590	1362	MKDF10+MHL50/3 (PAM90)	95,1	6	1518	1,1
	7,6	0	549	1499	MKDF5+MHL50/3 (PAM71)	261,54	2	1518	1
	8,9	0	474	1293	MKDF5+MHL50/3 (PAM71)	225,64	2	1518	1,2
	9,2	0	447	1561	MKDF10+MHL50/3 (PAM90)	108,97	4	1518	1
	9,3	0	440	1015	MKDF10+MHL50/3 (PAM90)	70,86	6	1518	1,5
	10,5	0	391	1362	MKDF10+MHL50/3 (PAM90)	95,1	4	1518	1,1
	10,9	0	375	866	MKDF10+MHL50/3 (PAM90)	60,43	6	1518	1,8

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(\*) PAM refers to the MHL gearbox.

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<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO (*) TYPE (*) TYP (*)	<b>i</b>	<b>Poli</b> <b>poles</b> <i>polig</i>	<b>M<sub>LM</sub></b>	<b>sf</b>
<b>0,55</b>	12	0	343	1197	<b>MKDF10+MHL50/3 (PAM90)</b>	83,55	4	1518	1,3
	13,9	0	303	827	<b>MKDF5+MHL40/3 (PAM71)</b>	144,39	2	759	0,9
<b>0,75</b>	14,1	0	291	1015	<b>MKDF10+MHL50/3 (PAM90)</b>	70,83	4	1518	1,5
	15,8	0	266	726	<b>MKDF5+MHL40/3 (PAM71)</b>	126,62	2	759	1
	16,5	0	248	866	<b>MKDF10+MHL50/3 (PAM90)</b>	60,43	4	1518	1,8
	24	0	175	477	<b>MKDF5+MHL30/3 (PAM71)</b>	83,24	2	443	0,9
	28,9	0	145	396	<b>MKDF5+MHL30/3 (PAM71)</b>	69,16	2	443	1,1
	34,5	0	122	332	<b>MKDF5+MHL30/3 (PAM71)</b>	57,9	2	443	1,3

<b>0,75</b> <b>1</b>	4,6	0	1217	3147	<b>MKDF10+MHL60/3 (PAM90)</b>	219,7	4	2910	0,9
	5,6	0	982	2540	<b>MKDF10+MHL60/3 (PAM90)</b>	177,3	4	2910	1,1
	6,2	0	892	2306	<b>MKDF10+MHL60/3 (PAM90)</b>	161	4	2910	1,3
	6,5	0	825	1768	<b>MKDF5+MHL50/3 (PAM71)</b>	308,48	2	1518	0,9
	7,6	0	699	1499	<b>MKDF5+MHL50/3 (PAM71)</b>	261,54	2	1518	1
	8,7	0	638	1649	<b>MKDF10+MHL60/3 (PAM90)</b>	115,1	4	2910	1,8
	9,2	0	604	1561	<b>MKDF10+MHL50/3 (PAM90)</b>	108,97	4	1518	1
	13,9	0	386	827	<b>MKDF5+MHL40/3 (PAM71)</b>	144,39	2	759	0,9
	14,1	0	392	1015	<b>MKDF10+MHL50/3 (PAM90)</b>	70,83	4	1518	1,5
	15,8	0	339	726	<b>MKDF5+MHL40/3 (PAM71)</b>	126,62	2	759	1
	19	0	282	605	<b>MKDF5+MHL40/3 (PAM71)</b>	105,52	2	759	1,3
	24	0	223	477	<b>MKDF5+MHL30/3 (PAM71)</b>	83,24	2	443	0,9
	28,9	0	185	396	<b>MKDF5+MHL30/3 (PAM71)</b>	69,16	2	443	1,1

<b>1,1</b> <b>1,5</b>	3,7	0	2241	5171	<b>MKDF20+MHL70/3 (PAM100)</b>	180,48	6	5060	1
	4,3	0	1927	4447	<b>MKDF20+MHL70/3 (PAM100)</b>	155,22	6	5060	1,1
	4,9	0	1679	3875	<b>MKDF20+MHL70/3 (PAM100)</b>	135,27	6	5060	1,3
	5,5	0	1482	5171	<b>MKDF20+MHL70/3 (PAM90)</b>	180,48	4	5060	1
	5,7	0	1429	3298	<b>MKDF20+MHL60/3 (PAM90)</b>	115,1	6	2910	0,9
	6,4	0	1275	4447	<b>MKDF20+MHL70/3 (PAM90)</b>	155,22	4	5060	1,1
	6,6	0	1234	2848	<b>MKDF20+MHL60/3 (PAM90)</b>	99,4	6	2910	1
	7	0	1590	3289	<b>MKDF10+MHL60/3 (PAM90)</b>	287	2	2910	0,9
	7,4	0	1111	3875	<b>MKDF20+MHL70/3 (PAM90)</b>	135,27	4	5060	1,3
	8,1	0	1373	2841	<b>MKDF10+MHL60/3 (PAM90)</b>	247,9	2	2910	1
	8,4	0	978	3413	<b>MKDF20+MHL70/3 (PAM90)</b>	119,13	4	5060	1,5
	8,7	0	945	2180	<b>MKDF20+MHL60/3 (PAM90)</b>	76,1	6	2910	1,3
	8,7	0	945	3298	<b>MKDF20+MHL60/3 (PAM90)</b>	115,1	4	2910	0,9
	9,1	0	1217	2518	<b>MKDF10+MHL60/3 (PAM90)</b>	219,7	2	2910	1,2
	10,1	0	816	2848	<b>MKDF20+MHL60/3 (PAM90)</b>	99,4	4	2910	1
	10,9	0	750	1731	<b>MKDF20+MHL50/3 (PAM90)</b>	60,43	6	1518	0,9
	11,3	0	982	2032	<b>MKDF10+MHL60/3 (PAM90)</b>	177,3	2	2910	1,4
	12,4	0	662	1527	<b>MKDF20+MHL60/3 (PAM90)</b>	53,3	6	2910	1,9
	12,4	0	892	1845	<b>MKDF10+MHL60/3 (PAM90)</b>	161	2	2910	1,6
	13,1	0	625	2180	<b>MKDF20+MHL60/3 (PAM90)</b>	76,1	4	2910	1,3
	13,6	2,6	815	1686	<b>MKDF10+MHL50/3 (PAM90)</b>	147,12	2	1518	0,9
	15,9	3	698	1443	<b>MKDF10+MHL50/3 (PAM90)</b>	125,93	2	1518	1,1
	16,5	0	496	1731	<b>MKDF20+MHL50/3 (PAM90)</b>	60,43	4	1518	0,9
	17,4	0	638	1319	<b>MKDF10+MHL60/3 (PAM90)</b>	115,1	2	2910	2,2
	18,4	3,5	604	1249	<b>MKDF10+MHL50/3 (PAM90)</b>	108,97	2	1518	1,2
	18,8	0	438	1527	<b>MKDF20+MHL60/3 (PAM90)</b>	53,3	4	2910	1,9
	20,1	0	551	1139	<b>MKDF10+MHL60/3 (PAM90)</b>	99,4	2	2910	2,6
	26,3	0	421	871	<b>MKDF10+MHL40/3 (PAM90)</b>	75,97	2	759	0,9
	28,2	5,4	392	812	<b>MKDF10+MHL50/3 (PAM90)</b>	70,83	2	1518	1,9
	30,7	0	361	748	<b>MKDF10+MHL40/3 (PAM90)</b>	65,23	2	759	1
	33,1	6,3	335	693	<b>MKDF10+MHL50/3 (PAM90)</b>	60,43	2	1518	2,2
	35,5	0	312	645	<b>MKDF10+MHL40/3 (PAM90)</b>	56,28	2	759	1,2

(\*) Il PAM è riferito al riduttore MHL.

(\*) PAM refers to the MHL gearbox.

(\*) PAM bezieht sich auf das MHL-Untersetzungsgetriebe.

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO (*) TYPE (*) TYP (*)	<b>i</b>	<b>Poli</b> <b>poles</b> <i>polig</i>	<b>M<sub>LIM</sub></b>	<b>sf</b>
<b>1,5</b> <b>2</b>	5,5	0	1934	5688	MKDF30+MHL70/3 (PAM100)	119,13	6	5060	0,9
	5,5	0	1982	5171	MKDF20+MHL70/3 (PAM100)	180,48	4	5060	1
	6,2	0	1718	5051	MKDF30+MHL70/3 (PAM100)	105,79	6	5060	1
	6,4	0	1705	4447	MKDF20+MHL70/3 (PAM100)	155,22	4	5060	1,1
	7,4	0	1486	3875	MKDF20+MHL70/3 (PAM100)	135,27	4	5060	1,3
	8,4	0	1308	3413	MKDF20+MHL70/3 (PAM100)	119,13	4	5060	1,5
	8,6	0	1247	3668	MKDF30+MHL70/3 (PAM100)	76,81	6	5060	1,4
	8,7	0	1264	3298	MKDF20+MHL60/3 (PAM90)	115,1	4	2910	0,9
	9,5	0	1162	3031	MKDF20+MHL70/3 (PAM100)	105,79	4	5060	1,7
	10,1	0	1092	2848	MKDF20+MHL60/3 (PAM90)	99,4	4	2910	1
	10,4	0	1029	3027	MKDF30+MHL60/3 (PAM100)	63,4	6	2910	1
	11,4	0	938	2759	MKDF30+MHL70/3 (PAM100)	57,77	6	5060	1,8
	12,4	0	865	2545	MKDF30+MHL60/3 (PAM100)	53,3	6	2910	1,1
	13,1	0	836	2180	MKDF20+MHL60/3 (PAM90)	76,1	4	2910	1,3
	13,6	0	815	1686	MKDF10+MHL50/3 (PAM90)	147,12	2	1518	0,9
	14,8	0	748	3223	MKDF20+MHL60/3 (PAM90)	135	2	2910	0,9
	15,9	0	698	1443	MKDF10+MHL50/3 (PAM90)	125,93	2	1518	1,1
	16,5	0	664	1731	MKDF20+MHL50/3 (PAM90)	60,43	4	1518	0,9
	17,4	0	638	2748	MKDF20+MHL60/3 (PAM90)	115,1	2	2910	1,1
	18,4	0	604	1249	MKDF10+MHL50/3 (PAM90)	108,97	2	1518	1,2
	18,8	0	585	1527	MKDF20+MHL60/3 (PAM90)	53,3	4	2910	1,9
	20,1	0	551	2373	MKDF20+MHL60/3 (PAM90)	99,4	2	2910	1,2
	23,9	0	463	957	MKDF10+MHL50/3 (PAM90)	83,55	2	1518	1,6
	26,3	0	421	871	MKDF10+MHL40/3 (PAM90)	75,97	2	759	0,9
	28,2	0	392	812	MKDF10+MHL50/3 (PAM90)	70,83	2	1518	1,9
	30,7	0	361	748	MKDF10+MHL40/3 (PAM90)	65,23	2	759	1
	33,1	0	335	693	MKDF10+MHL50/3 (PAM90)	60,43	2	1518	2,2
	33,1	0	335	1443	MKDF20+MHL50/3 (PAM90)	60,43	2	1518	1,1
35,5	0	312	645	MKDF10+MHL40/3 (PAM90)	56,28	2	759	1,2	
37,5	0	295	1273	MKDF20+MHL60/3 (PAM90)	53,3	2	2910	2,3	
<b>1,8</b> <b>2,5</b>	3,7	0	2379	5171	MKDF20+MHL70/3 (PAM100)	180,48	6	5060	1
	4,3	0	2046	4447	MKDF20+MHL70/3 (PAM100)	155,22	6	5060	1,1
	4,3	0	4002	7412	MKDF30+MHL70/3 (PAM100)	155,22	6	2910	0,4
	5,5	0	2503	8191	MKDF50+MHL70/3 (PAM100)	119,13	6	5060	0,6
	5,7	0	1517	3298	MKDF20+MHL60/3 (PAM90)	115,1	6	2910	0,9
	6,2	0	2728	5051	MKDF30+MHL70/3 (PAM100)	105,79	6	5060	1
	6,6	0	1310	2848	MKDF20+MHL60/3 (PAM90)	99,4	6	2910	1
	7,4	0	1883	6163	MKDF50+MHL70/3 (PAM100)	89,63	6	5060	0,8
	7,6	0	1141	2481	MKDF20+MHL60/3 (PAM90)	86,6	6	2910	1,2
	8,6	0	1614	5281	MKDF50+MHL70/3 (PAM100)	76,81	6	5060	1
	8,6	0	1981	3668	MKDF30+MHL70/3 (PAM100)	76,81	6	5060	1,4
	8,7	0	1002	2177	MKDF20+MHL60/3 (PAM90)	76	6	2910	1,3
	10,4	0	836	1816	MKDF20+MHL60/3 (PAM90)	63,4	6	2910	1,6
	10,4	0	1635	3027	MKDF30+MHL60/3 (PAM100)	63,4	6	2910	1
	10,9	0	796	1731	MKDF20+MHL50/3 (PAM90)	60,43	6	1518	0,9
	11,4	0	1214	3972	MKDF50+MHL70/3 (PAM100)	57,77	6	5060	1,3
	11,4	0	1490	2759	MKDF30+MHL70/3 (PAM100)	57,77	6	5060	1,8
	12,4	0	1374	2545	MKDF30+MHL60/3 (PAM100)	53,3	6	2910	1,1
13,7	0	1015	3323	MKDF50+MHL70/3 (PAM100)	48,33	6	5060	1,5	
<b>2,2</b> <b>3</b>	5,5	0	2930	8618	MKDF30+MHL70/3 (PAM100)	180,48	4	5060	0,6
	5,5	0	2958	8191	MKDF50+MHL70/3 (PAM100)	119,13	6	5060	0,6
	6,4	0	2520	7412	MKDF30+MHL70/3 (PAM100)	155,22	4	5060	0,7
	7,4	0	2226	6163	MKDF50+MHL70/3 (PAM100)	89,63	6	5060	0,8
	8,6	0	1907	5281	MKDF50+MHL70/3 (PAM100)	76,81	6	5060	1
	9,4	0	1754	5098	MKDF20+MHL70/3 (PAM100)	213,52	2	5060	1
	9,5	0	1718	5051	MKDF30+MHL70/3 (PAM100)	105,79	4	5060	1
	11,1	0	1482	4309	MKDF20+MHL70/3 (PAM100)	180,48	2	5060	1,2

(\*) Il PAM è riferito al riduttore MHL.

(\*) PAM refers to the MHL gearbox.

(\*) PAM bezieht sich auf das MHL-Untersetzungsgetriebe.



$kW_1$ $HP_1$	max $n_2$ $min^{-1}$	min $n_2$ $min^{-1}$	min $M_2$ Nm	max $M_2$ Nm	TIPO (*) TYPE (*) TYP (*)	i	Poli poles polig	$M_{LM}$	sf
<b>2,2</b> <b>3</b>	11,4	0	1434	3972	MKDF50+MHL70/3 (PAM100)	57,77	6	5060	1,3
	12,9	0	1275	3706	MKDF20+MHL70/3 (PAM100)	155,22	2	5060	1,4
	13	0	1247	3668	MKDF30+MHL70/3 (PAM100)	76,81	4	5060	1,4
	13,7	0	1200	3323	MKDF50+MHL70/3 (PAM100)	48,33	6	5060	1,5
	14,8	0	1111	3230	MKDF20+MHL60/3 (PAM90)	135,27	2	2910	0,9
	15,8	0	1029	3027	MKDF30+MHL60/3 (PAM100)	63,4	4	2910	1
	16,8	0	978	2844	MKDF20+MHL70/3 (PAM100)	119,13	2	5060	1,8
	17,3	0	938	2759	MKDF30+MHL70/3 (PAM100)	57,77	4	5060	1,8
	18,8	0	865	2545	MKDF30+MHL60/3 (PAM100)	53,3	4	2910	1,1
	20,1	0	816	2373	MKDF20+MHL60/3 (PAM90)	99,4	2	2910	1,2
	20,7	0	785	2308	MKDF30+MHL70/3 (PAM100)	48,33	4	5060	2,2
	26,3	0	625	1817	MKDF20+MHL60/3 (PAM90)	76,1	2	2910	1,6
	28,2	0	582	1691	MKDF20+MHL50/3 (PAM90)	70,83	2	1518	0,9
	31,5	0	521	1514	MKDF20+MHL60/3 (PAM90)	63,4	2	2910	1,9
	33,1	0	496	1443	MKDF20+MHL50/3 (PAM90)	60,43	2	1518	1,1
37,5	0	438	1273	MKDF20+MHL60/3 (PAM90)	53,3	2	2910	2,3	

<b>3</b> <b>4</b>	8,4	0	2617	5688	MKDF30+MHL70/3 (PAM100)	119,13	4	5060	0,9
	9,5	0	2324	5051	MKDF30+MHL70/3 (PAM100)	105,79	4	5060	1
	10,1	0	2183	6835	MKDF50+MHL70/3 (PAM100)	99,4	4	5060	0,7
	11,5	0	1902	5955	MKDF50+MHL70/3 (PAM100)	86,6	4	5060	0,8
	13	0	1687	3668	MKDF30+MHL70/3 (PAM100)	76,81	4	5060	1,4
	13	0	1687	5281	MKDF50+MHL70/3 (PAM100)	76,81	4	5060	1
	15,1	0	1458	3171	MKDF30+MHL70/3 (PAM100)	66,4	4	5060	1,6
	15,1	0	1458	4566	MKDF50+MHL70/3 (PAM100)	66,4	4	5060	1,1
	15,8	0	1393	3027	MKDF30+MHL60/3 (PAM100)	63,4	4	2910	1
	17,3	0	1269	3972	MKDF50+MHL70/3 (PAM100)	57,77	4	5060	1,3
	18,8	0	1171	2545	MKDF30+MHL60/3 (PAM100)	53,3	4	2910	1,1
	20,7	0	1062	3323	MKDF50+MHL70/3 (PAM100)	48,33	4	5060	1,5

<b>4</b> <b>5,5</b>	11,2	0	2653	6163	MKDF50+MHL70/3 (PAM100)	89,63	4	5060	0,8
	11,4	0	2648	8827	MKDF100+MHL70/3 (PAM132)	57,77	6	5060	0,6
	13	0	2274	5281	MKDF50+MHL70/3 (PAM100)	76,81	4	5060	1
	13,7	0	2215	7385	MKDF100+MHL70/3 (PAM132)	48,33	6	5060	0,7
	15,1	0	1966	4566	MKDF50+MHL70/3 (PAM100)	66,4	4	5060	1,1
	17,3	0	1710	3972	MKDF50+MHL70/3 (PAM100)	57,77	4	5060	1,3
	18,8	0	1578	3665	MKDF50+MHL60/3 (PAM100)	53,3	4	2910	0,8
	20,7	0	1430	3321	MKDF50+MHL70/3 (PAM100)	48,3	4	5060	1,5

<b>5,5</b> <b>7,5</b>	9,9	0	4122	10146	MKDF100+MHL70/3 (PAM132)	66,4	6	5060	0,5
	11,4	0	3586	8827	MKDF100+MHL70/3 (PAM132)	57,77	6	5060	0,6
	13	0	3154	11737	MKDF100+MHL70/3 (PAM132)	76,81	4	5060	0,4
	13,7	0	3000	7385	MKDF100+MHL70/3 (PAM132)	48,33	6	5060	0,7
	15,1	0	2727	10146	MKDF100+MHL70/3 (PAM132)	66,4	4	5060	0,5
	17,3	0	2372	8827	MKDF100+MHL70/3 (PAM132)	57,77	4	5060	0,6
	20,7	0	1985	7385	MKDF100+MHL70/3 (PAM132)	48,33	4	5060	0,7

<b>7,5</b> <b>10</b>	15,1	0	3678	10146	MKDF100+MHL70/3 (PAM132)	66,4	4	5060	0,5
	17,3	0	3200	8827	MKDF100+MHL70/3 (PAM132)	57,77	4	5060	0,6
	20,7	0	2677	7385	MKDF100+MHL70/3 (PAM132)	48,33	4	5060	0,7

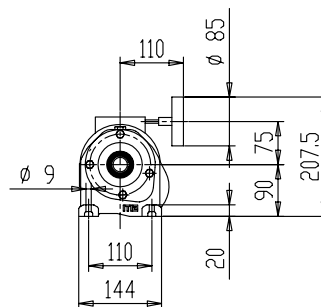
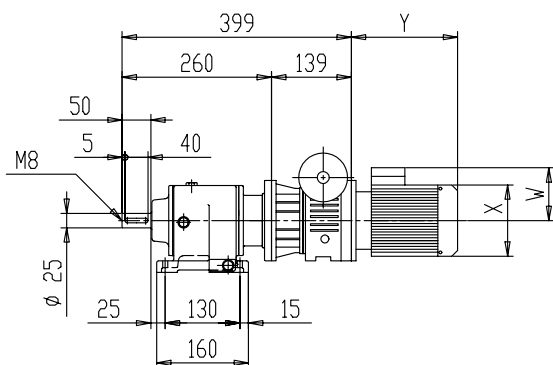
<b>9,2</b> <b>12,5</b>	15,1	0	4566	10146	MKDF100+MHL70/3 (PAM132)	66,4	4	5060	0,5
	17,3	0	3972	8827	MKDF100+MHL70/3 (PAM132)	57,77	4	5060	0,6
	20,7	0	3323	7385	MKDF100+MHL70/3 (PAM132)	48,33	4	5060	0,7

(\*) Il PAM è riferito al riduttore MHL.

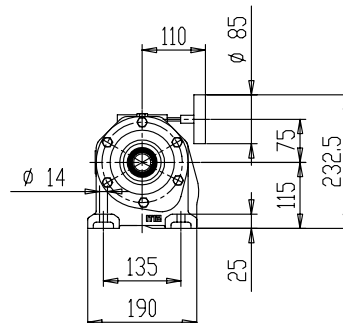
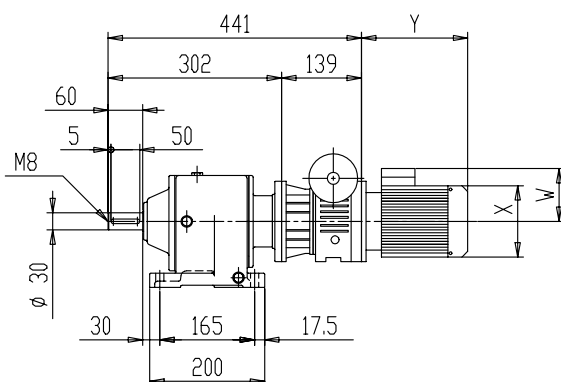
(\*) PAM refers to the MHL gearbox.

(\*) PAM bezieht sich auf das MHL-Untersetzungsgetriebe.

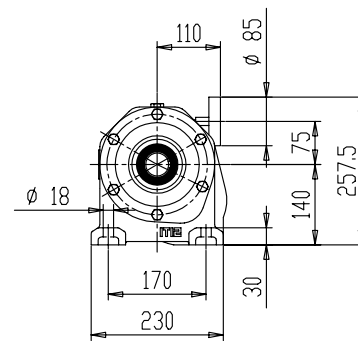
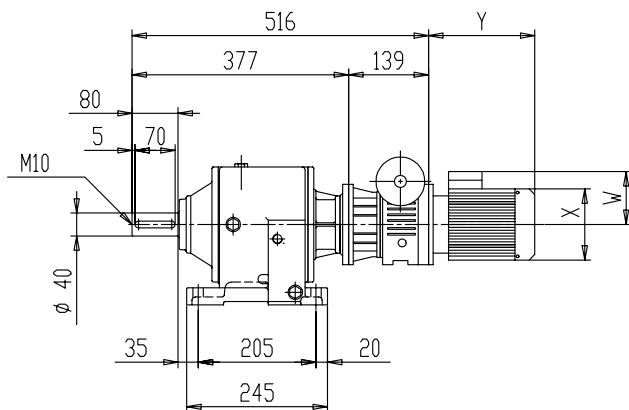
**MKF2/MHL25/3**



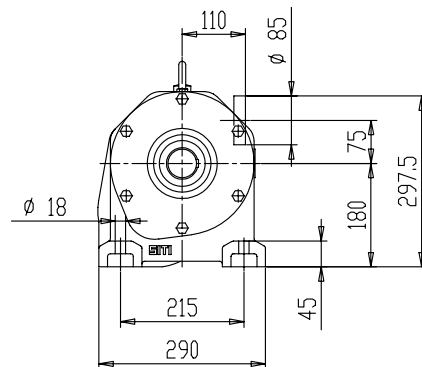
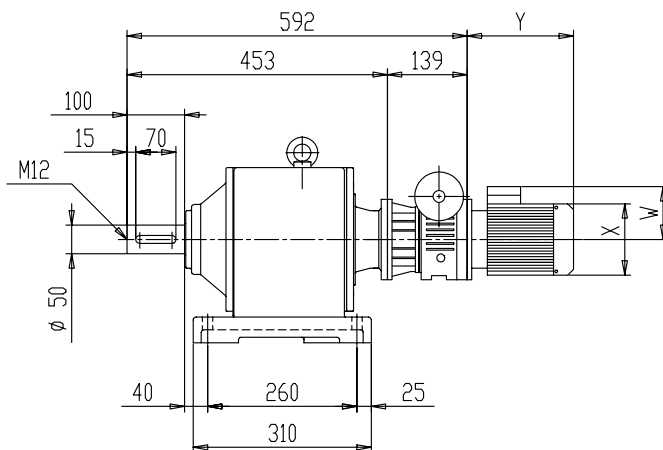
**MKF2/MHL30/3**



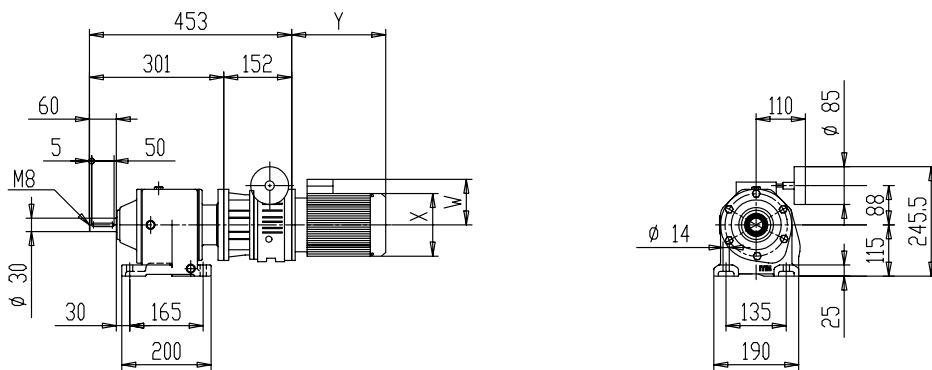
**MKF2/MHL40/3**



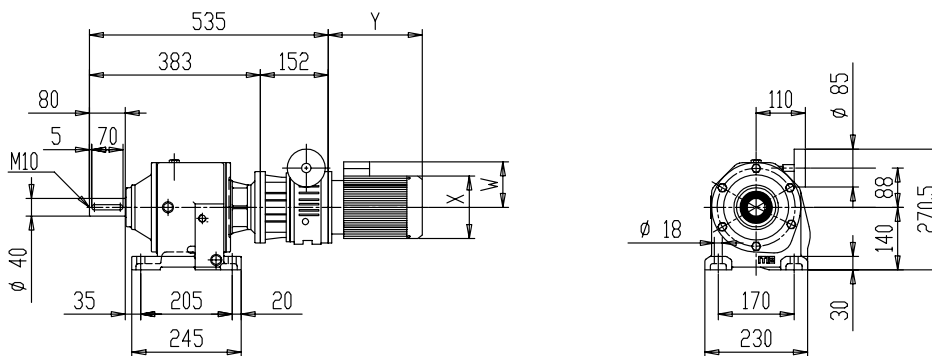
**MKF2/MHL50/3**



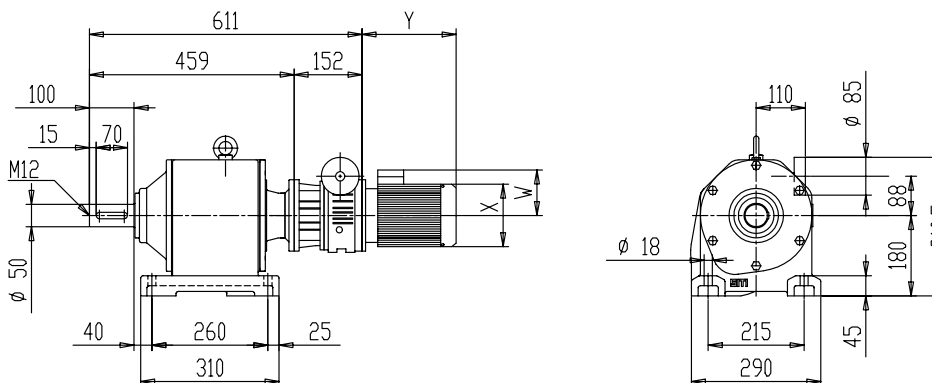
**MKF5/MHL30/3**



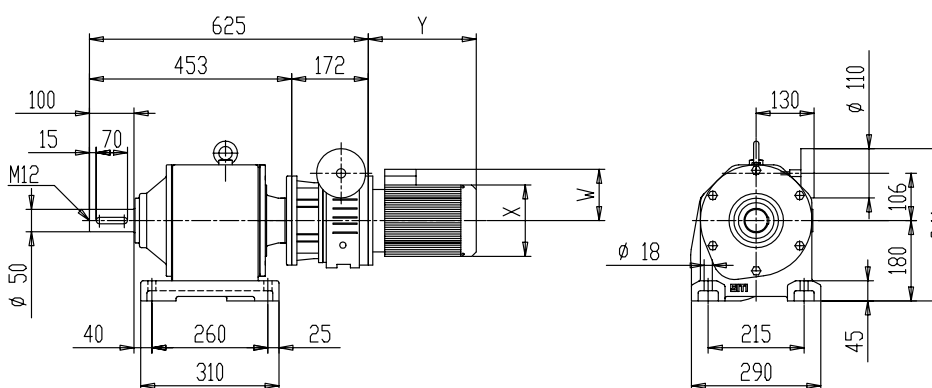
**MKF5/MHL40/3**



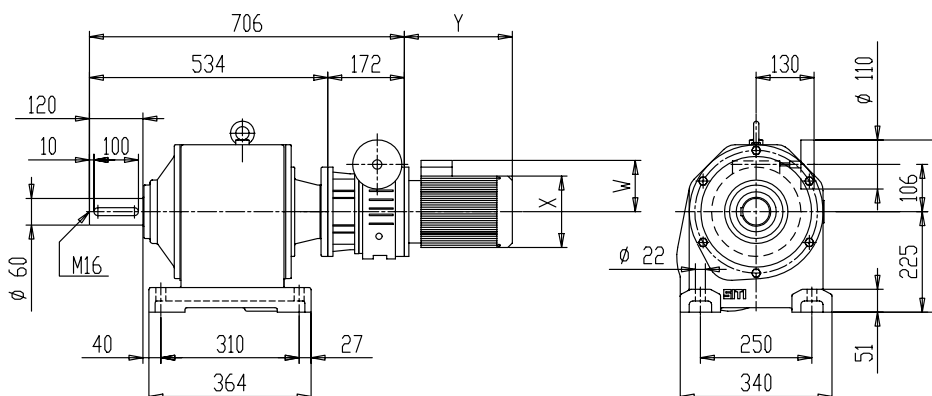
**MKF5/MHL50/3**



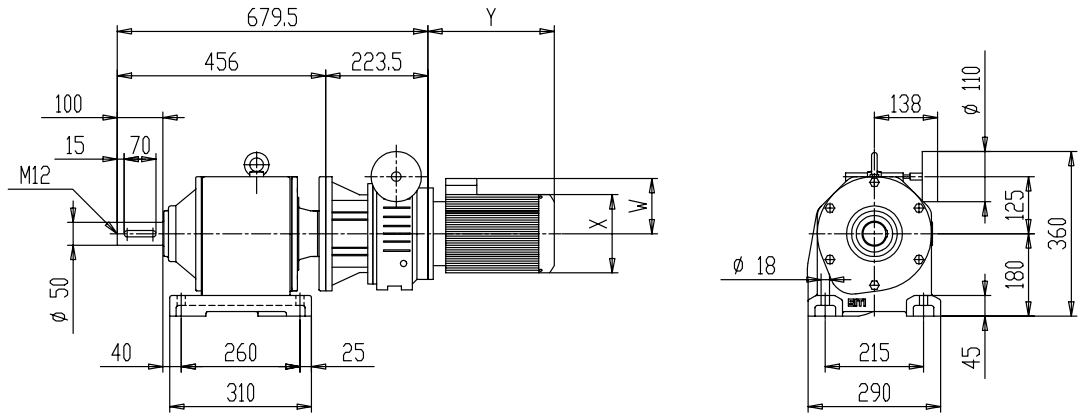
**MKF10/MHL50/3**



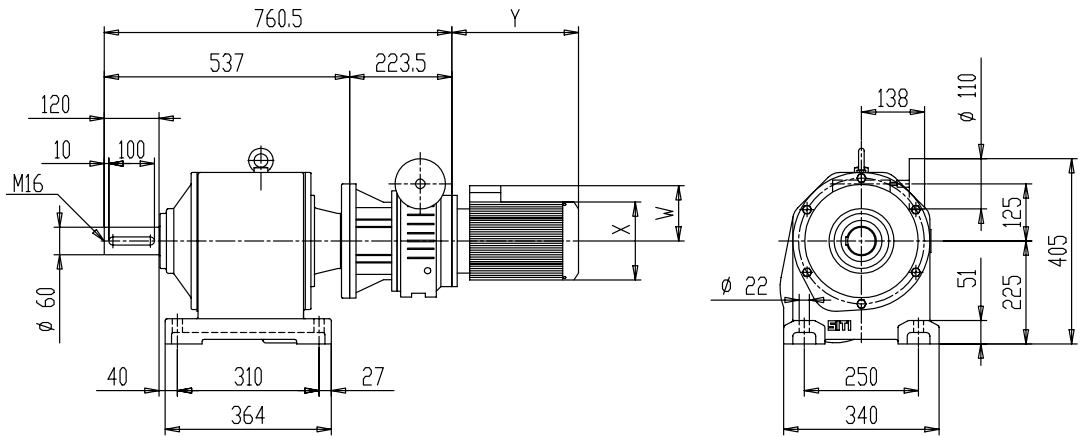
**MKF10/MHL60/3**



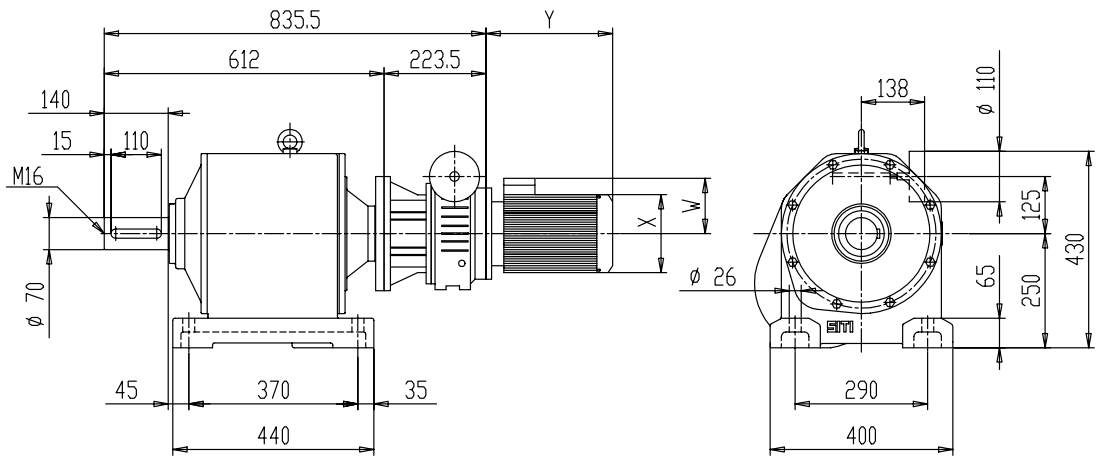
**MKF20/MHL50/3**



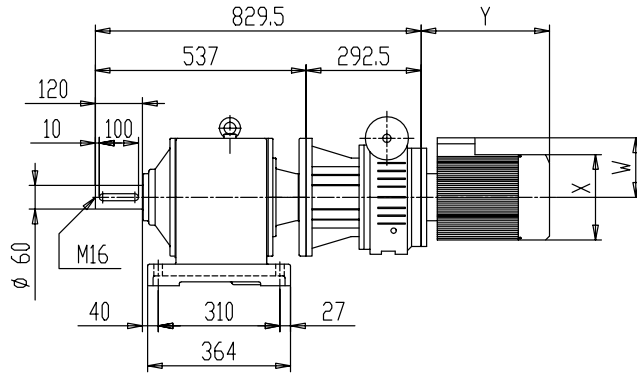
**MKF20/MHL60/3**



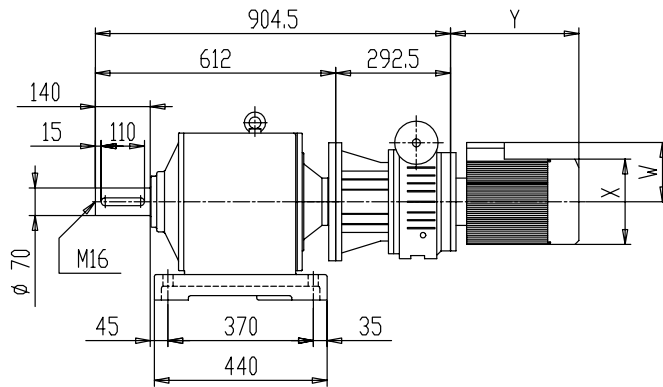
**MKF20/MHL70/3**



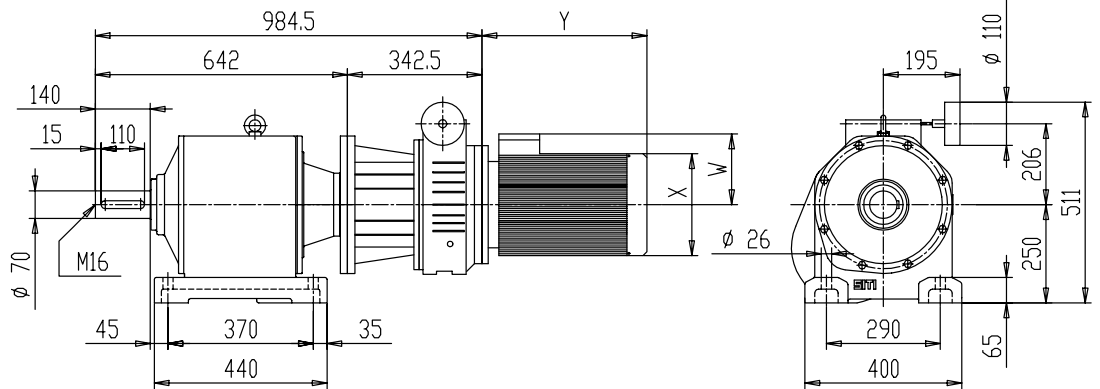
**MKF30/MHL60/3**  
**MKF50/MHL60/3**



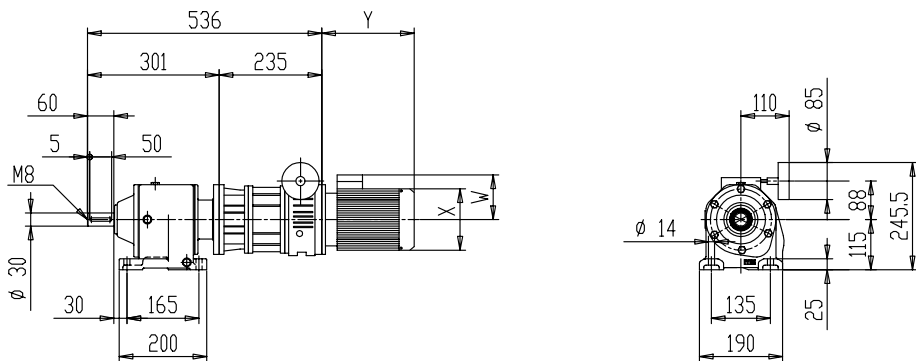
**MKF30/MHL70/3**  
**MKF50/MHL70/3**



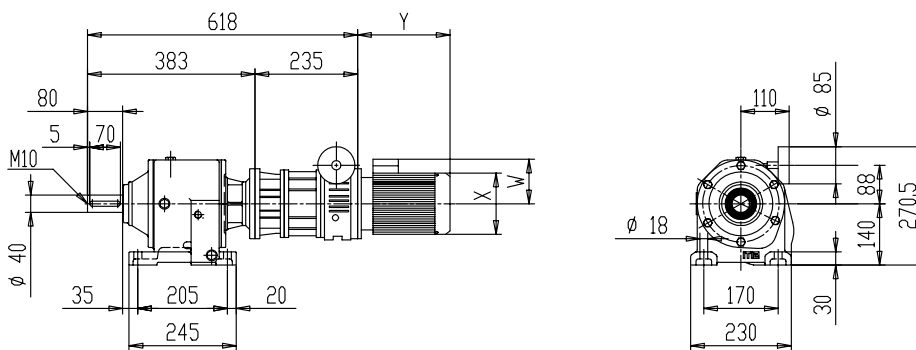
**MKF100/MHL70/3**



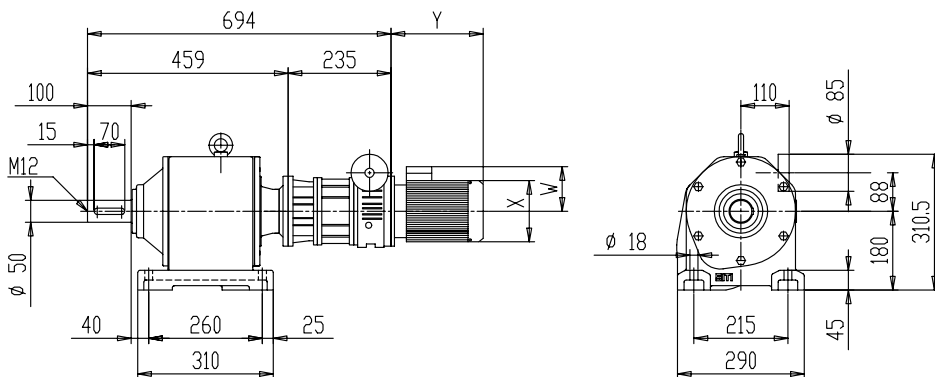
**MKDF5/MHL30/3**



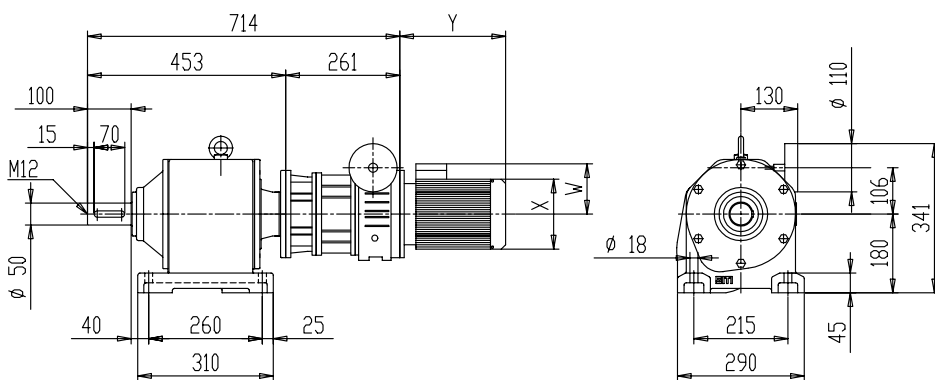
**MKDF5/MHL40/3**



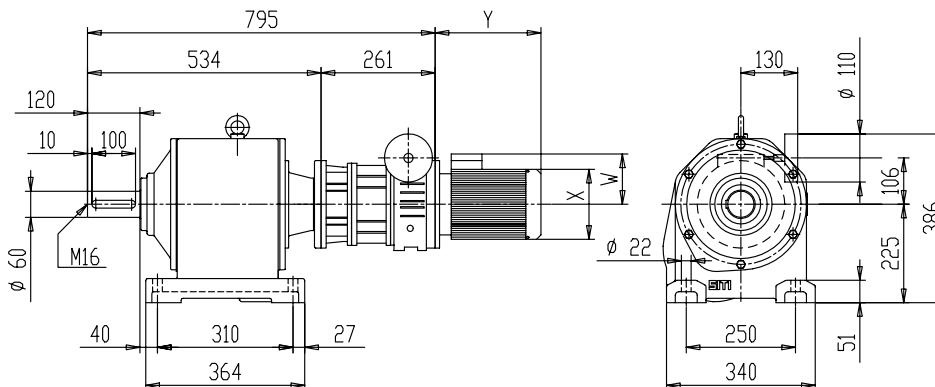
**MKDF5/MHL50/3**



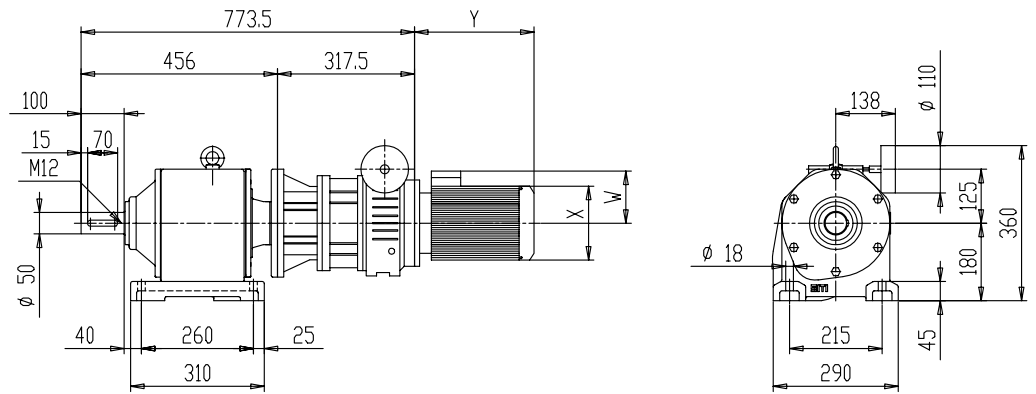
**MKDF10/MHL50/3**



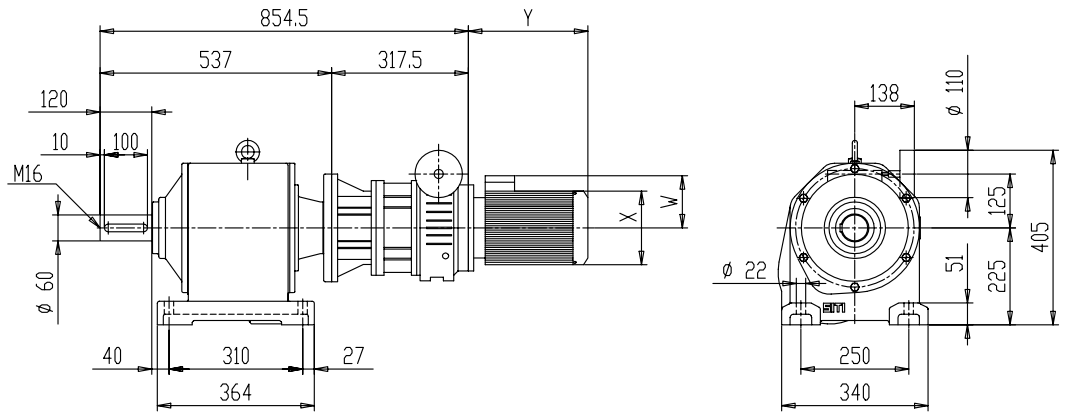
**MKDF10/MHL60/3**



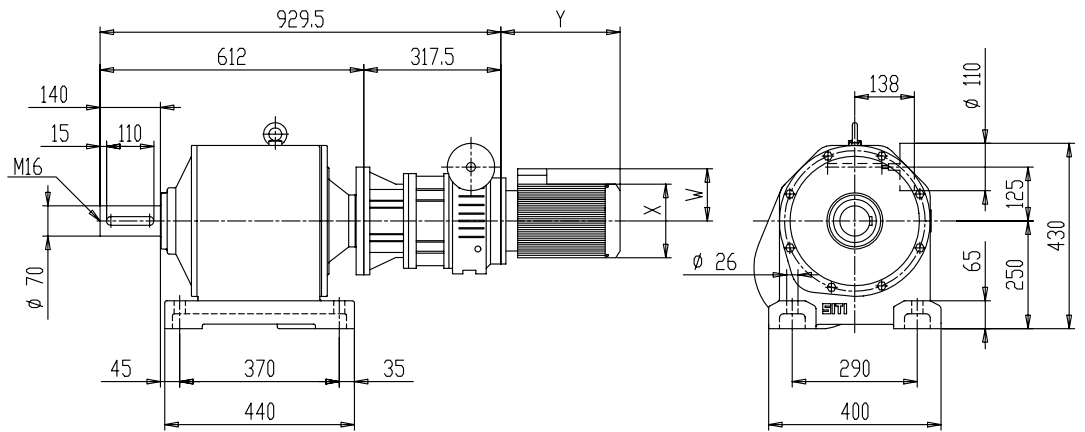
**MKDF20/MHL50/3**



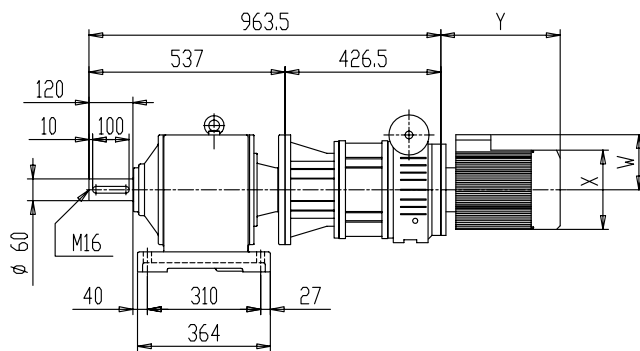
**MKDF20/MHL60/3**



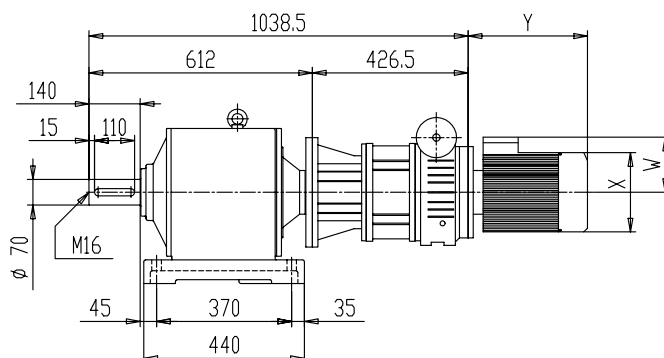
**MKDF20/MHL70/3**



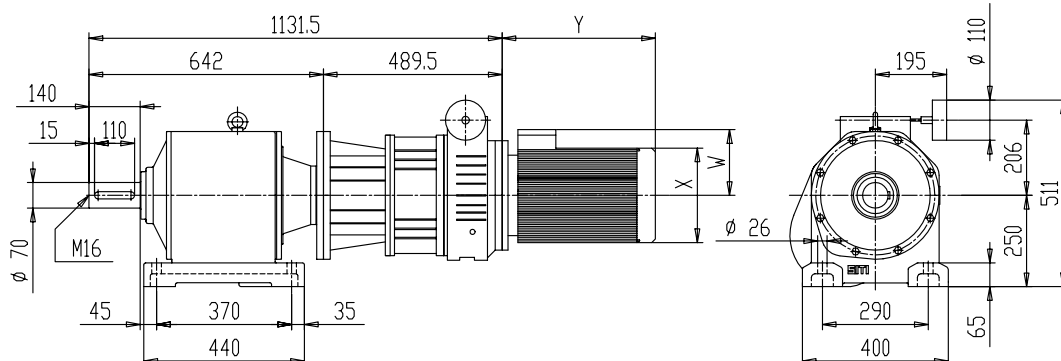
**MKDF30/MHL60/3**  
**MKDF50/MHL60/3**



**MKDF30/MHL70/3**  
**MKDF50/MHL70/3**



**MKDF100/MHL70/3**



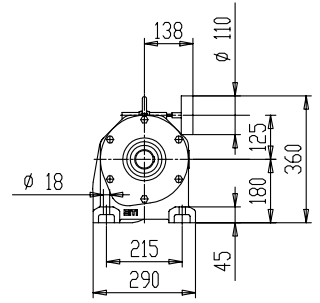
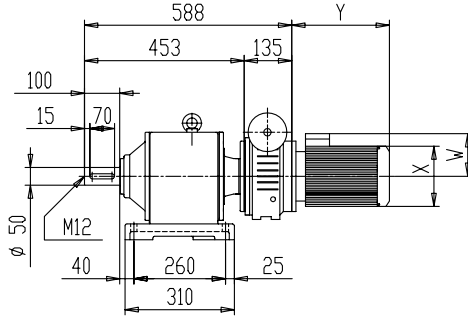


Serie con flangia compatta

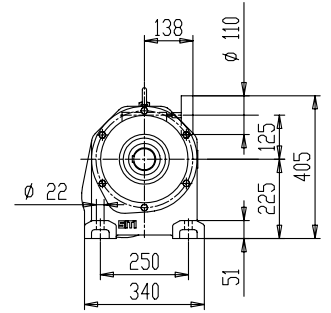
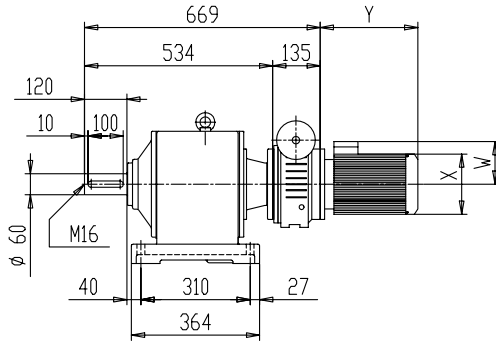
**Compact flange series**

*Baureihe mit kompakter  
flanschausführung*

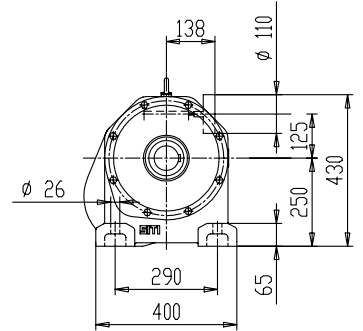
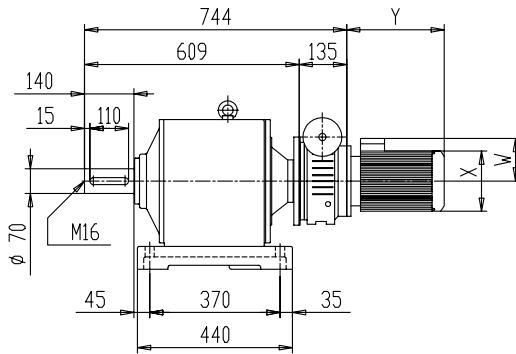
**MKFC20/MHL50/3**



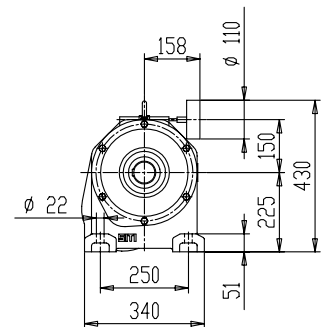
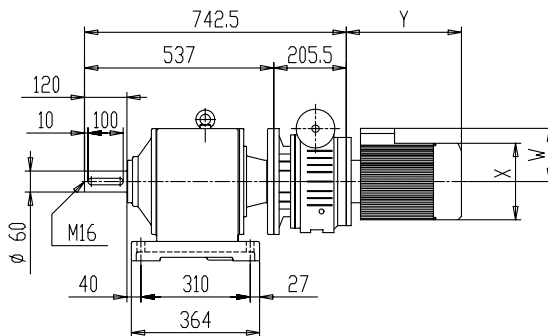
**MKFC20/MHL60/3**



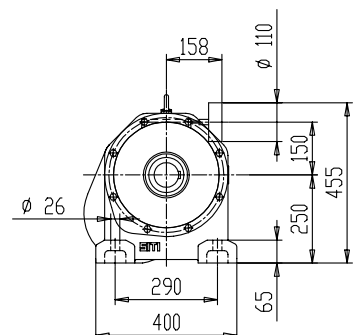
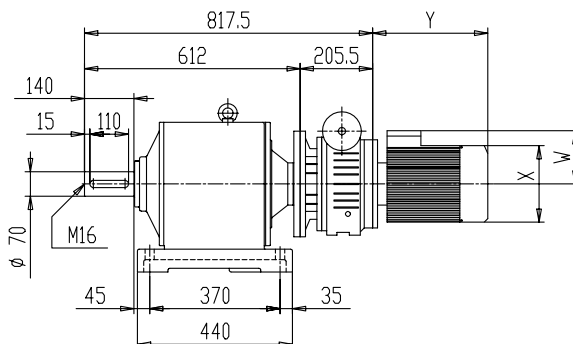
**MKFC20/MHL70/3**



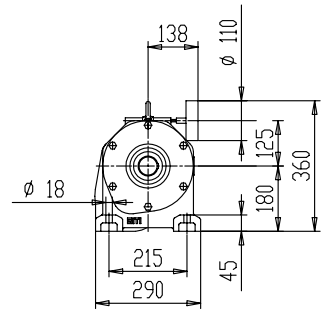
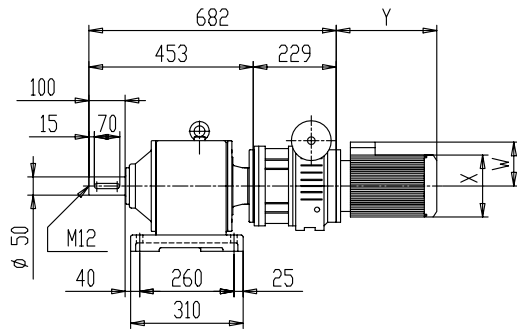
**MKFC30/MHL60/3  
MKFC50/MHL60/3**



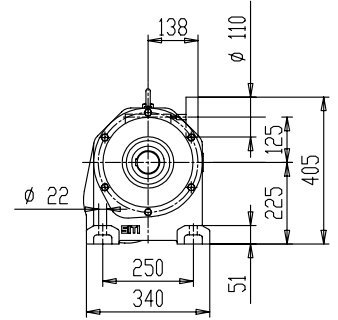
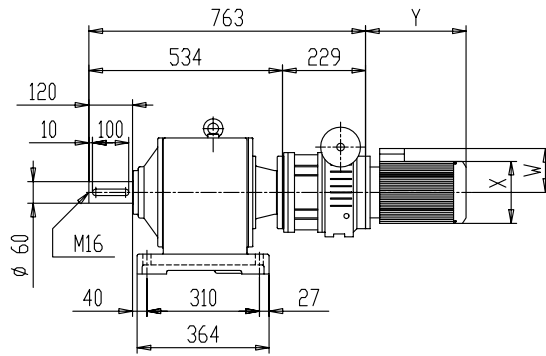
**MKFC30/MHL70/3  
MKFC50/MHL70/3**



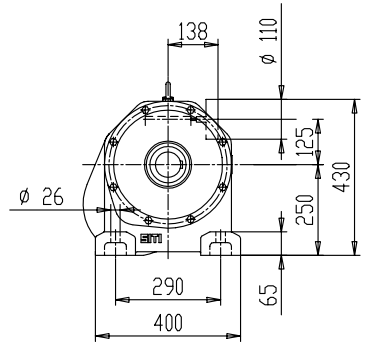
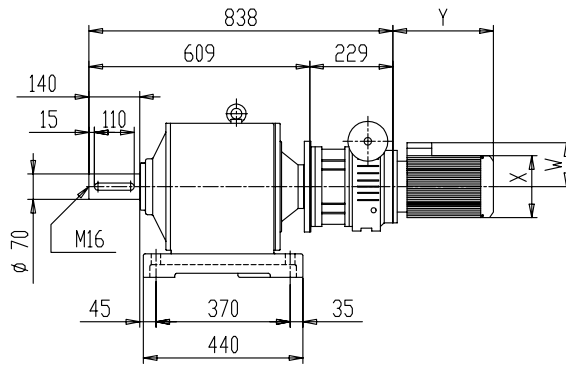
**MKDFC20/MHL50/3**



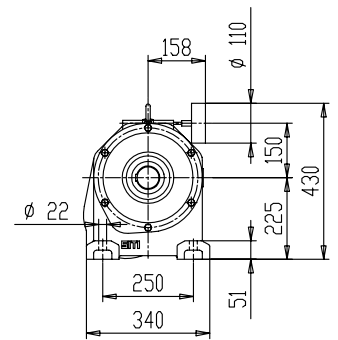
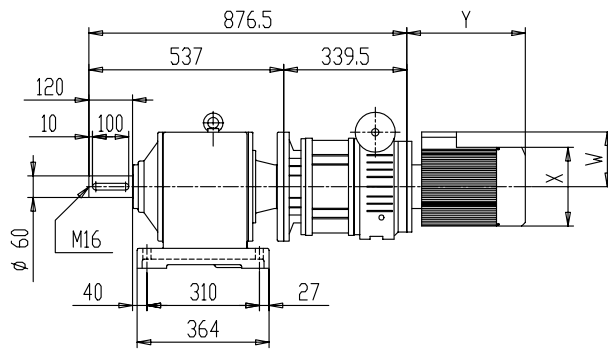
**MKDFC20/MHL60/3**



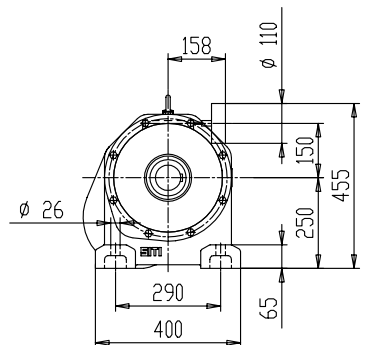
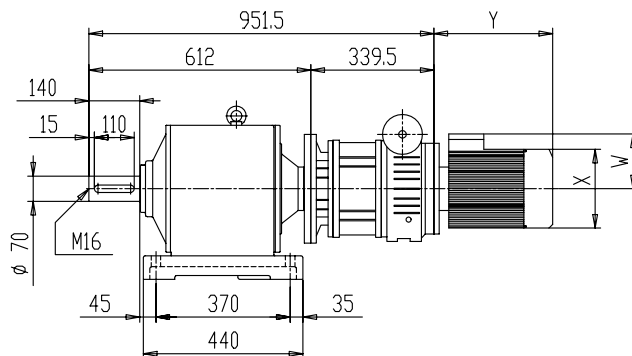
**MKDFC20/MHL70/3**



**MKFDC30/MHL60/3**  
**MKFDC50/MHL60/3**

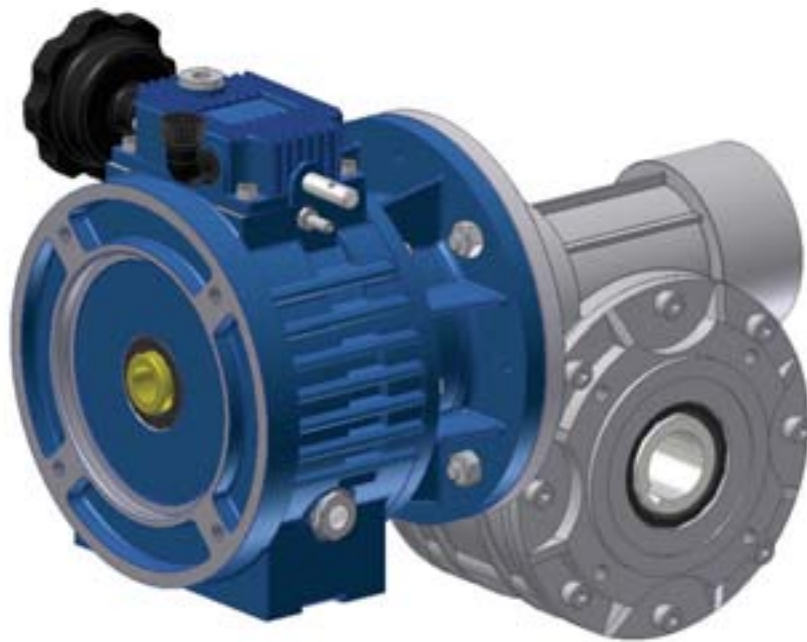


**MKFDC30/MHL70/3**  
**MKFDC50/MHL70/3**



**SITI**

MOTOVARIATORI COMBINATI MKF/MI  
**COMBINED MOTORIZED VARIATORS MKF/MI**  
*KOMBINIERTE VERSTELLGETRIEBE MKF/MI*



<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO TYPE TYP	<b>i</b>	Poli poles polig	<b>sf</b>
<b>0,12</b>	6,1	1,2	65	144	<b>MKF2 / MI70</b>	100	6	1,16
	7,6	1,4	58	129	<b>MKF2 / MI70</b>	80	6	1,34
<b>0,16</b>	8,8	1,7	47	151	<b>MKF2 / MI70</b>	100	4	1,1
	10,2	1,9	55	124	<b>MKF2 / MI70</b>	60	6	1,8
	11	2,1	48	151	<b>MKF2 / MI60</b>	80	4	0,92
	11	2,1	42	134	<b>MKF2 / MI70</b>	80	4	1,29
	12,2	2,3	48	107	<b>MKF2 / MI60</b>	50	6	1,45
	12,2	2,3	49	109	<b>MKF2 / MI70</b>	50	6	2,24
	14,7	2,8	40	128	<b>MKF2 / MI60</b>	60	4	1,13
	14,7	2,8	40	128	<b>MKF2 / MI70</b>	60	4	1,74
	15,3	2,9	40	90	<b>MKF2 / MI60</b>	40	6	1,93
	15,3	2,9	41	91	<b>MKF2 / MI70</b>	40	6	2,59
	17,6	3,4	32	102	<b>MKF2 / MI50</b>	50	4	0,83
	17,6	3,4	35	112	<b>MKF2 / MI60</b>	50	4	1,38
	20,3	3,8	30	67	<b>MKF2 / MI50</b>	30	6	1,47
	20,3	3,8	31	69	<b>MKF2 / MI60</b>	30	6	2,71
	22	4,3	26	81	<b>MKF2 / MI50</b>	40	4	1,06
	22	4,3	30	94	<b>MKF2 / MI60</b>	40	4	1,84
	24,4	4,6	27	60	<b>MKF2 / MI50</b>	25	6	1,28
	24,4	4,6	28	83	<b>MKF2 / MI60</b>	25	6	2,62
	29,3	5,7	22	70	<b>MKF2 / MI40</b>	30	4	0,78
	29,3	5,7	22	70	<b>MKF2 / MI50</b>	30	4	1,41
30,5	5,8	22	50	<b>MKF2 / MI45</b>	20	6	1,55	
30,5	5,8	23	53	<b>MKF2 / MI60</b>	20	6	2,76	
35,2	6,8	20	63	<b>MKF2 / MI40</b>	25	4	0,81	
35,2	6,8	20	62	<b>MKF2 / MI50</b>	25	4	1,24	
40,7	7,7	17	39	<b>MKF2 / MI40</b>	15	6	1,09	
40,7	7,7	17	39	<b>MKF2 / MI50</b>	15	6	2,27	
44	8,5	16	52	<b>MKF2 / MI40</b>	20	4	0,98	
44	8,5	16	52	<b>MKF2 / MI50</b>	20	4	1,51	
58,7	11,3	13	40	<b>MKF2 / MI40</b>	15	4	1,06	
58,7	11,3	12	40	<b>MKF2 / MI50</b>	15	4	2,21	
61	11,5	12	28	<b>MKF2 / MI40</b>	10	6	1,41	
61	11,5	12	27	<b>MKF2 / MI50</b>	10	6	2,86	
81,3	15,3	9	21	<b>MKF2 / MI40</b>	7,5	6	1,81	
81,3	15,3	9	21	<b>MKF2 / MI50</b>	7,5	6	3,43	
88	17	9	28	<b>MKF2 / MI40</b>	10	4	1,38	
88	17	9	28	<b>MKF2 / MI50</b>	10	4	2,79	
117,3	22,7	7	22	<b>MKF2 / MI40</b>	7,5	4	1,77	
117,3	22,7	7	22	<b>MKF2 / MI50</b>	7,5	4	3,34	
<b>0,18</b> <b>0,25</b>	6,6	1,2	108	376	<b>MKF5 / MI80</b>	100	6	0,68
	6,6	1,2	108	376	<b>MKF5 / MI90</b>	100	6	0,91
	8,3	1,5	91	307	<b>MKF5 / MI80</b>	80	6	0,94
	8,3	1,5	91	314	<b>MKF5 / MI90</b>	80	6	1,18
	8,8	1,7	78	151	<b>MKF2 / MI70</b>	100	4	1,1
	11	2,1	68	134	<b>MKF2 / MI70</b>	80	4	1,29
	11	2	80	278	<b>MKF5 / MI70</b>	60	6	0,8
	11	2	80	278	<b>MKF5 / MI80</b>	60	6	1,07
	13,2	2,4	41	248	<b>MKF5 / MI70</b>	50	6	0,98
	13,2	2,4	41	248	<b>MKF5 / MI80</b>	50	6	1,22
	14,7	2,8	62	126	<b>MKF2 / MI60</b>	60	4	1,13
	14,7	2,8	63	128	<b>MKF2 / MI70</b>	60	4	1,74
	16,5	3	60	208	<b>MKF5 / MI70</b>	40	6	1,13
	16,5	3	60	211	<b>MKF5 / MI80</b>	40	6	1,69
	17,5	3,6	37	129	<b>MKF2 / MI70</b>	100	2	1,29

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO TYPE TYP	<b>i</b>	Poli poles <i>polig</i>	<b>sf</b>
<b>0,18</b> <b>0,25</b>	17,6	3,4	55	112	MKF2 / MI60	50	4	1,38
	17,6	3,4	56	114	MKF2 / MI70	50	4	2,14
	21,9	4,5	36	127	MKF2 / MI60	80	2	1,09
	21,9	4,5	33	126	MKF2 / MI70	80	2	1,65
	22	4,3	46	94	MKF2 / MI60	40	4	1,84
	22	4,3	47	95	MKF2 / MI70	40	4	2,48
	22	4	45	156	MKF5 / MI60	30	6	1,21
	22	4	49	173	MKF5 / MI70	30	6	1,5
	26,4	4,8	41	144	MKF5 / MI60	25	6	1,15
	26,4	4,8	42	148	MKF5 / MI70	25	6	1,47
	29,2	6	29	103	MKF2 / MI50	60	2	0,82
	29,2	6	29	103	MKF2 / MI60	60	2	1,39
	29,3	5,7	35	71	MKF2 / MI50	30	4	1,39
	29,3	5,7	36	71	MKF2 / MI60	30	4	2,63
	33	6	35	125	MKF5 / MI50	20	6	0,63
	33	6	34	122	MKF5 / MI60	20	6	1,21
	35	7,2	24	87	MKF2 / MI50	50	2	0,97
	35	7,2	25	90	MKF2 / MI60	50	2	1,72
	35,2	6,8	30	62	MKF2 / MI50	25	4	1,24
	35,2	6,8	32	65	MKF2 / MI60	25	4	2,55
	43,8	9	20	70	MKF2 / MI50	40	2	1,24
	43,8	9	23	80	MKF2 / MI60	40	2	2,15
	44	8,5	25	52	MKF2 / MI50	20	4	1,51
	44	8,5	27	55	MKF2 / MI60	20	4	2,69
	44	8	25	88	MKF5 / MI50	15	6	1
	44	8	26	90	MKF5 / MI60	15	6	1,59
	58,3	12	17	59	MKF2 / MI40	30	2	0,93
	58,3	12	17	59	MKF2 / MI50	30	2	1,67
	58,7	11,3	20	40	MKF2 / MI40	15	4	0,82
	58,7	11,3	20	40	MKF2 / MI50	15	4	2,21
	66	12	18	62	MKF5 / MI50	10	6	1,27
	66	12	18	64	MKF5 / MI60	10	6	2
	70	14,4	15	54	MKF2 / MI40	25	2	0,91
	70	14,4	15	53	MKF2 / MI50	25	2	1,46
	87,5	18	12	44	MKF2 / MI40	20	2	1,1
	87,5	18	12	44	MKF2 / MI50	20	2	1,76
	88	17	14	28	MKF2 / MI40	10	4	1,38
	88	17	14	28	MKF2 / MI50	10	4	2,79
	88	16	14	48	MKF5 / MI50	7,5	6	1,5
	88	16	14	49	MKF5 / MI60	7,5	6	2,85
116,7	24	10	35	MKF2 / MI40	15	2	1,24	
116,7	24	10	34	MKF2 / MI50	15	2	2,57	
117,3	22,7	11	22	MKF2 / MI40	7,5	4	1,77	
117,3	22,7	11	22	MKF2 / MI50	7,5	4	3,34	
175	36	7	24	MKF2 / MI40	10	2	1,6	
175	36	7	24	MKF2 / MI50	10	2	3,25	
233,3	48	5	18	MKF2 / MI40	7,5	2	2,06	
233,3	48	5	18	MKF2 / MI50	7,5	2	3,9	

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO TYPE TYP	<b>i</b>	Poli poles <i>polig</i>	<b>sf</b>
<b>0,25</b> <b>0,33</b>	6,6	1,2	142	376	MKF5 / MI90	100	6	0,91
	8,3	1,5	121	307	MKF5 / MI90	80	6	1,21
	8,8	1,7	103	129	MKF2 / MI70	100	4	1,29
	10	1,9	102	392	MKF5 / MI90	100	4	0,88
	11	2,1	90	115	MKF2 / MI70	80	4	1,5
	11	2	106	278	MKF5 / MI80	60	6	1,07
	11	2	106	278	MKF5 / MI90	60	6	1,6
	12,5	2,4	90	333	MKF5 / MI90	80	4	1,11
	13,2	2,4	94	244	MKF5 / MI80	50	6	1,24
	13,2	2,4	94	244	MKF5 / MI90	50	6	1,91
	14,7	2,8	83	108	MKF2 / MI60	60	4	1,32
	14,7	2,8	83	110	MKF2 / MI70	60	4	2,03
	16,5	3	79	208	MKF5 / MI70	40	6	1,13
	16,5	3	79	208	MKF5 / MI80	40	6	1,71
	16,7	3,2	110	293	MKF5 / MI80	60	4	1,01
	16,7	3,2	110	293	MKF5 / MI90	60	4	1,52
	17,5	3,6	48	129	MKF2 / MI70	100	2	1,29
	17,6	3,4	73	96	MKF2 / MI60	50	4	1,61
	17,6	3,4	73	98	MKF2 / MI70	50	4	2,49
	20	3,8	74	260	MKF5 / MI80	50	4	1,16
	20	3,8	74	260	MKF5 / MI90	50	4	1,79
	21,9	4,5	42	115	MKF2 / MI70	80	2	1,5
	22	4,3	61	80	MKF2 / MI60	40	4	2,15
	22	4,3	61	82	MKF2 / MI70	40	4	2,89
	22	4	64	170	MKF5 / MI70	30	6	1,52
	22	4	64	170	MKF5 / MI80	30	6	2,27
	25	4,8	61	218	MKF5 / MI70	40	4	1,08
	25	4,8	61	218	MKF5 / MI80	40	4	1,64
	26,4	4,8	55	146	MKF5 / MI70	25	6	1,49
	26,4	4,8	55	146	MKF5 / MI80	25	6	2,03
	29,2	6	40	108	MKF2 / MI60	60	2	1,32
	29,2	6	41	110	MKF2 / MI70	60	2	2,03
	29,3	5,7	46	60	MKF2 / MI50	30	4	1,64
	29,3	5,7	46	61	MKF2 / MI60	30	4	3,07
	33	6	39	114	MKF5 / MI60	20	6	1,41
	33	6	44	117	MKF5 / MI70	20	6	1,79
	33,3	6,3	46	178	MKF5 / MI70	30	4	1,46
	33,3	6,3	46	178	MKF5 / MI80	30	4	2,17
	35	7,2	35	96	MKF2 / MI60	50	2	1,61
	35	7,2	36	98	MKF2 / MI70	50	2	2,49
35,2	6,8	40	53	MKF2 / MI50	25	4	1,45	
35,2	6,8	40	56	MKF2 / MI60	25	4	2,97	
40	7,6	39	152	MKF5 / MI70	25	4	1,43	
40	7,6	39	152	MKF5 / MI80	25	4	1,95	
43,8	9	30	80	MKF2 / MI60	40	2	2,15	
43,8	9	30	82	MKF2 / MI70	40	2	2,89	
44	8,5	33	44	MKF2 / MI50	20	4	1,76	
44	8,5	33	47	MKF2 / MI60	20	4	3,14	
44	8	33	88	MKF5 / MI50	15	6	1	
44	8	34	90	MKF5 / MI60	15	6	1,86	
50	9,5	32	125	MKF5 / MI60	20	4	1,18	
50	9,5	32	122	MKF5 / MI70	20	4	1,72	
58,3	12	22	60	MKF2 / MI50	30	2	1,64	
58,3	12	23	61	MKF2 / MI60	30	2	3,07	
58,7	11,3	13	35	MKF2 / MI40	15	4	1,24	
58,7	11,3	12	34	MKF2 / MI50	15	4	2,57	
66	12	23	62	MKF5 / MI50	10	6	1,12	
66	12	24	63	MKF5 / MI60	10	6	2,03	
66,7	12,7	26	94	MKF5 / MI60	15	4	1,78	

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO TYPE TYP	<b>i</b>	Poli poles <i>polig</i>	<b>sf</b>
<b>0,25</b>	66,7	12,7	26	91	<b>MKF5 / MI50</b>	15	4	0,96
	70	14,4	20	53	<b>MKF2 / MI50</b>	25	2	1,45
<b>0,33</b>	70	14,4	21	56	<b>MKF2 / MI60</b>	25	2	2,97
	87,5	18	16	44	<b>MKF2 / MI50</b>	20	2	1,76
	87,5	18	17	47	<b>MKF2 / MI60</b>	20	2	3,14
	88	17	18	24	<b>MKF2 / MI40</b>	10	4	1,6
	88	17	19	24	<b>MKF2 / MI50</b>	10	4	3,25
	88	16	18	48	<b>MKF5 / MI50</b>	7,5	6	1,5
	88	16	18	49	<b>MKF5 / MI60</b>	7,5	6	2,85
	100	19	18	64	<b>MKF5 / MI50</b>	10	4	1,22
	100	19	18	66	<b>MKF5 / MI60</b>	10	4	1,95
	116,7	24	13	35	<b>MKF2 / MI40</b>	15	2	1,24
	116,7	24	13	34	<b>MKF2 / MI50</b>	15	2	2,57
	117,3	22,7	14	22	<b>MKF2 / MI40</b>	7,5	4	1,77
	117,3	22,7	14	22	<b>MKF2 / MI50</b>	7,5	4	3,34
	133,3	25,3	13	49	<b>MKF5 / MI40</b>	7,5	4	0,77
	133,3	25,3	12	49	<b>MKF5 / MI50</b>	7,5	4	1,46
	175	36	9	24	<b>MKF2 / MI40</b>	10	2	1,6
	175	36	9	24	<b>MKF2 / MI50</b>	10	2	3,25
	233,3	48	7	18	<b>MKF2 / MI40</b>	7,5	2	2,06
233,3	48	7	18	<b>MKF2 / MI50</b>	7,5	2	3,9	

<b>0,37</b>	6,6	1,2	199	645	<b>MKF5 / MI90</b>	100	6	0,53
	8,3	1,5	180	588	<b>MKF5 / MI90</b>	80	6	0,63
<b>0,5</b>	8,3	1,5	206	672	<b>MKF10 / MI110</b>	80	6	0,9
	8,6	1,2	243	795	<b>MKF10 / MI110</b>	100	6	0,68
	10	1,9	151	416	<b>MKF5 / MI90</b>	100	4	0,83
	11	2	159	522	<b>MKF5 / MI80</b>	60	6	0,57
	11	2	159	522	<b>MKF5 / MI90</b>	60	6	0,85
	11	2	159	522	<b>MKF10 / MI90</b>	60	6	0,85
	11	2	175	576	<b>MKF10 / MI110</b>	80	6	1,24
	12,5	2,4	121	333	<b>MKF5 / MI90</b>	80	4	1,11
	13,2	2,4	141	465	<b>MKF5 / MI80</b>	50	6	0,65
	13,2	2,4	147	488	<b>MKF5 / MI90</b>	50	6	1
	13,2	2,4	141	465	<b>MKF10 / MI90</b>	50	6	1
	13,2	2,4	145	480	<b>MKF10 / MI110</b>	50	6	1,55
	16,5	3	118	390	<b>MKF5 / MI70</b>	40	6	0,61
	16,5	3	118	390	<b>MKF5 / MI80</b>	40	6	0,91
	16,5	3	118	390	<b>MKF10 / MI90</b>	40	6	1,25
	16,5	3	123	408	<b>MKF10 / MI110</b>	40	6	1,99
	16,7	3,2	106	293	<b>MKF5 / MI80</b>	60	4	1,01
	16,7	3,2	106	293	<b>MKF5 / MI90</b>	60	4	1,52
	17,5	3,6	72	129	<b>MKF2 / MI70</b>	100	2	1,29
	20	3,8	94	260	<b>MKF5 / MI80</b>	50	4	1,16
	20	3,8	94	260	<b>MKF5 / MI90</b>	50	4	1,79
	21,9	4,5	64	115	<b>MKF2 / MI70</b>	80	2	1,5
	22	4	96	320	<b>MKF5 / MI70</b>	30	6	1,21
	22	4	96	320	<b>MKF5 / MI80</b>	30	6	0,81
	22	4	96	320	<b>MKF10 / MI80</b>	30	6	1,63
	22	4	96	320	<b>MKF10 / MI90</b>	30	6	1,21
	25	4,8	76	211	<b>MKF5 / MI70</b>	40	4	1,12
	25	4,8	80	218	<b>MKF5 / MI80</b>	40	4	1,64
	26,4	4,8	82	274	<b>MKF5 / MI70</b>	25	6	0,79
	26,4	4,8	82	274	<b>MKF5 / MI80</b>	25	6	1,08
	26,4	4,8	83	278	<b>MKF10 / MI80</b>	25	6	1,12
	26,4	4,8	82	274	<b>MKF10 / MI90</b>	25	6	1,58
	29,2	6	61	110	<b>MKF2 / MI70</b>	60	2	2,03
	33	6	67	222	<b>MKF10 / MI80</b>	20	6	1,41
33	6	67	222	<b>MKF10 / MI90</b>	20	6	2,01	

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO TYPE TYP	<b>i</b>	Poli poles polig	<b>sf</b>
<b>0,37</b> <b>0,5</b>	33	6	68	225	MKF5 / MI60	20	6	0,74
	33	6	69	231	MKF5 / MI70	20	6	1,05
	33,3	6,3	64	178	MKF5 / MI70	30	4	1,46
	33,3	6,3	64	178	MKF5 / MI80	30	4	2,17
	35	7,2	54	96	MKF2 / MI60	50	2	1,61
	35	7,2	54	98	MKF2 / MI70	50	2	2,49
	40	7,6	55	152	MKF5 / MI70	25	4	1,43
	40	7,6	55	152	MKF5 / MI80	25	4	1,95
	43,8	9	45	80	MKF2 / MI60	40	2	2,15
	43,8	9	46	82	MKF2 / MI70	40	2	2,89
	44	8	49	164	MKF5 / MI50	15	6	0,54
	44	8	51	169	MKF5 / MI60	15	6	0,99
	44	8	52	173	MKF10 / MI70	15	6	1,4
	44	8	52	173	MKF10 / MI80	15	6	1,97
	50	9,5	45	125	MKF5 / MI60	20	4	1,18
	50	9,5	44	122	MKF5 / MI70	20	4	1,72
	58,3	12	34	60	MKF2 / MI50	30	2	1,64
	58,3	12	35	61	MKF2 / MI60	30	2	3,07
	66	12	35	116	MKF5 / MI50	10	6	0,68
	66	12	36	120	MKF5 / MI60	10	6	1,07
	66	12	36	119	MKF10 / MI70	10	6	1,88
	66	12	36	119	MKF10 / MI80	10	6	1,98
	66,7	12,7	33	91	MKF5 / MI50	15	4	0,96
	66,7	12,7	34	94	MKF5 / MI60	15	4	1,78
	70	14,4	30	53	MKF2 / MI50	25	2	1,45
	70	14,4	31	56	MKF2 / MI60	25	2	2,97
	87,5	18	25	44	MKF2 / MI50	20	2	1,76
	87,5	18	26	47	MKF2 / MI60	20	2	3,14
	88	16	27	90	MKF5 / MI50	7,5	6	0,8
	88	16	27	92	MKF5 / MI60	7,5	6	1,52
	88	16	27	91	MKF10 / MI70	7,5	6	2,27
	88	16	27	91	MKF10 / MI80	7,5	6	2,89
	100	19	23	64	MKF5 / MI50	10	4	1,22
100	19	24	66	MKF5 / MI60	10	4	1,95	
116,7	24	19	35	MKF2 / MI40	15	2	1,24	
116,7	24	19	34	MKF2 / MI50	15	2	2,57	
133,3	25,3	18	49	MKF5 / MI50	7,5	4	1,46	
133,3	25,3	18	50	MKF5 / MI60	7,5	4	2,78	
175	36	14	24	MKF2 / MI40	10	2	1,6	
175	36	13	24	MKF2 / MI50	10	2	3,25	
233,3	48	10	18	MKF2 / MI40	7,5	2	2,06	
233,3	48	10	18	MKF2 / MI50	7,5	2	3,9	



<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO TYPE TYP	<b>i</b>	Poli poles <i>polig</i>	<b>sf</b>
<b>0,55</b> <b>0,75</b>	6,6	1,2	364	795	MKF10 / MI110	100	6	0,68
	8,3	1,5	307	672	MKF10 / MI110	80	6	0,90
	10	1,9	252	840	MKF10 / MI110	100	4	0,64
	11	2	261	576	MKF10 / MI110	60	6	1,24
	12,5	2,4	212	708	MKF10 / MI110	80	4	0,86
	13,2	2,4	218	480	MKF10 / MI110	50	6	1,55
	16,5	3	185	408	MKF10 / MI110	40	6	1,89
	16,7	3,2	180	603	MKF10 / MI110	60	4	1,19
	16,7	3,2	175	585	MKF10 / MI90	60	4	0,76
	20	3,8	152	503	MKF10 / MI110	50	4	1,48
	20	3,8	146	488	MKF10 / MI90	50	4	0,96
	20	3,8	109	294	MKF5 / MI90	100	2	1,17
	22	4	144	320	MKF10 / MI110	30	6	2,58
	22	4	144	320	MKF10 / MI90	30	6	1,63
	25	4,8	129	426	MKF10 / MI110	40	4	1,90
	25	4,8	124	408	MKF10 / MI90	40	4	1,19
	25	4,8	92	250	MKF5 / MI90	80	2	1,49
	26,4	4,8	124	274	MKF10 / MI110	25	6	1,58
	26,4	4,8	124	274	MKF10 / MI90	25	6	1,08
	33	6	100	222	MKF10 / MI90	20	6	2,01
	33	6	100	222	MKF10 / MI80	20	6	1,41
	33,3	6,3	99	333	MKF10 / MI90	30	4	1,56
	33,3	6,3	99	333	MKF10 / MI80	30	4	1,16
	33,3	6,3	82	220	MKF5 / MI90	60	2	2,03
	33,3	6,3	82	220	MKF5 / MI80	60	2	1,35
	40	7,6	85	285	MKF10 / MI90	25	4	1,52
	40	7,6	84	278	MKF10 / MI80	25	4	1,12
	40	7,6	71	195	MKF5 / MI90	50	2	2,38
	40	7,6	71	195	MKF5 / MI80	50	2	1,55
	44	8	78	173	MKF10 / MI90	15	6	2,74
	44	8	78	173	MKF10 / MI80	15	6	1,97
	50	9,5	69	231	MKF10 / MI90	20	4	2,10
	50	9,5	69	231	MKF10 / MI80	20	4	1,35
	50	9,5	60	163	MKF5 / MI80	40	2	2,18
	50	9,5	60	163	MKF5 / MI70	40	2	1,45
	66	12	53	119	MKF10 / MI90	10	6	2,63
	66	12	53	119	MKF10 / MI80	10	6	1,98
	66,7	12,7	54	180	MKF10 / MI80	15	4	1,90
	66,7	12,7	54	180	MKF10 / MI70	15	4	1,35
	66,7	12,7	49	133	MKF5 / MI80	30	2	2,90
66,7	12,7	49	133	MKF5 / MI70	30	2	1,94	
80	15,2	42	114	MKF5 / MI80	25	2	2,61	
80	15,2	42	114	MKF5 / MI70	25	2	1,90	
88	16	41	91	MKF10 / MI80	7,5	6	2,89	
88	16	41	91	MKF10 / MI70	7,5	6	2,27	
100	19	37	123	MKF10 / MI80	10	4	1,91	
100	19	37	123	MKF10 / MI70	10	4	1,81	
100	19	34	94	MKF5 / MI60	20	2	1,57	
100	19	33	89	MKF5 / MI50	20	2	0,88	
133,3	25,3	28	95	MKF10 / MI80	7,5	4	2,78	
133,3	25,3	28	95	MKF10 / MI70	7,5	4	2,19	
133,3	25,3	26	61	MKF5 / MI60	15	2	2,73	
133,3	25,3	25	68	MKF5 / MI50	15	2	1,29	
200	38	18	49	MKF5 / MI60	10	2	2,60	
200	38	18	48	MKF5 / MI50	10	2	1,63	
266,7	50,7	14	38	MKF5 / MI60	7,5	2	3,70	
266,7	50,7	14	37	MKF5 / MI50	7,5	2	1,95	

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>TIPO</b> <b>TYPE</b> <b>TYP</b>	<b>i</b>	<b>Poli</b> <b>poles</b> <i>polig</i>	<b>sf</b>
<b>0,75</b> <b>1</b>	6,6	1,2	433	1410	<b>MKF20 / MI130</b>	100	6	0,59
	8,3	1,5	381	1248	<b>MKF20 / MI130</b>	80	6	0,73
	10	1,9	336	840	<b>MKF10 / MI110</b>	100	4	0,64
	11	2	354	1170	<b>MKF20 / MI130</b>	80	6	0,9
	12,5	2,4	283	708	<b>MKF10 / MI110</b>	80	4	0,86
	13,2	2,4	295	975	<b>MKF20 / MI130</b>	50	6	1,08
	16,5	3	246	816	<b>MKF20 / MI110</b>	40	6	0,99
	16,6	3	236	780	<b>MKF20 / MI130</b>	40	6	1,47
	16,7	3,2	219	549	<b>MKF10 / MI90</b>	60	4	0,81
	16,7	3,2	240	603	<b>MKF10 / MI110</b>	60	4	1,19
	20	3,8	148	294	<b>MKF5 / MI90</b>	100	2	1,17
	20	3,8	194	488	<b>MKF10 / MI90</b>	50	4	0,96
	20	3,8	200	503	<b>MKF10 / MI110</b>	50	4	1,48
	22	4	192	639	<b>MKF20 / MI110</b>	30	6	1,29
	22	4	187	621	<b>MKF20 / MI130</b>	30	6	1,98
	25	4,8	125	250	<b>MKF5 / MI90</b>	80	2	1,49
	25	4,8	162	408	<b>MKF10 / MI90</b>	40	4	1,19
	25	4,8	169	426	<b>MKF10 / MI110</b>	40	4	1,9
	26,4	4,8	165	548	<b>MKF20 / MI110</b>	25	6	1,16
	26,4	4,8	163	540	<b>MKF20 / MI130</b>	25	6	1,78
	33	6	133	444	<b>MKF20 / MI90</b>	20	6	1
	33	6	130	432	<b>MKF20 / MI110</b>	20	6	1,38
	33,3	6,3	109	220	<b>MKF5 / MI80</b>	60	2	2,03
	33,3	6,3	109	220	<b>MKF5 / MI90</b>	60	2	1,35
	33,3	6,3	132	333	<b>MKF10 / MI80</b>	30	4	1,16
	33,3	6,3	132	333	<b>MKF10 / MI90</b>	30	4	1,56
	40	7,6	97	195	<b>MKF5 / MI80</b>	50	2	1,55
	40	7,6	97	195	<b>MKF5 / MI90</b>	50	2	2,39
	40	7,6	115	289	<b>MKF10 / MI80</b>	25	4	1,08
	40	7,6	113	285	<b>MKF10 / MI90</b>	25	4	1,52
	44	8	104	347	<b>MKF20 / MI90</b>	15	6	1,37
	44	8	103	342	<b>MKF20 / MI110</b>	15	6	2,13
	50	9,5	87	178	<b>MKF5 / MI70</b>	40	2	1,33
	50	9,5	81	163	<b>MKF5 / MI80</b>	40	2	2,18
	50	9,5	92	231	<b>MKF10 / MI80</b>	20	4	1,35
	50	9,5	92	231	<b>MKF10 / MI90</b>	20	4	1,93
	66	12	71	237	<b>MKF20 / MI90</b>	10	6	1,32
	66	12	71	237	<b>MKF20 / MI110</b>	10	6	2,57
	66,7	12,7	66	133	<b>MKF5 / MI70</b>	30	2	1,94
	66,7	12,7	66	133	<b>MKF5 / MI80</b>	30	2	2,9
	66,7	12,7	71	180	<b>MKF10 / MI70</b>	15	4	1,35
	66,7	12,7	71	180	<b>MKF10 / MI80</b>	15	4	1,9
80	15,2	56	114	<b>MKF5 / MI70</b>	25	2	1,9	
80	15,2	56	114	<b>MKF5 / MI80</b>	25	2	2,61	
88	16	55	182	<b>MKF20 / MI90</b>	7,5	6	1,88	
88	16	54	180	<b>MKF20 / MI110</b>	7,5	6	3	
100	19	46	94	<b>MKF5 / MI60</b>	20	2	1,57	
100	19	45	91	<b>MKF5 / MI70</b>	20	2	2,29	
100	19	49	123	<b>MKF10 / MI70</b>	10	4	1,81	
100	19	49	123	<b>MKF10 / MI80</b>	10	4	1,91	
133,3	25,3	34	68	<b>MKF5 / MI50</b>	15	2	1,29	
133,3	25,3	34	70	<b>MKF5 / MI60</b>	15	2	2,38	
133,3	25,3	37	95	<b>MKF10 / MI70</b>	7,5	4	2,19	
133,3	25,3	37	95	<b>MKF10 / MI80</b>	7,5	4	2,78	
200	38	24	48	<b>MKF5 / MI50</b>	10	2	1,63	
200	38	24	49	<b>MKF5 / MI60</b>	10	2	2,6	
266,7	50,7	18	37	<b>MKF5 / MI50</b>	7,5	2	1,95	
266,7	50,7	18	38	<b>MKF5 / MI60</b>	7,5	2	3,7	

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO TYPE TYP	<b>i</b>	Poli poles <i>polig</i>	<b>sf</b>
<b>1,1</b>	6,6	1,2	650	1380	<b>MKF20 / MI130</b>	100	6	0,61
	8,3	1,5	572	1224	<b>MKF20 / MI130</b>	80	6	0,74
<b>1,5</b>	10	1,9	447	1500	<b>MKF20 / MI130</b>	100	4	0,56
	11	2	523	1134	<b>MKF20 / MI110</b>	60	6	0,63
	12,5	2,4	392	1320	<b>MKF20 / MI130</b>	80	4	0,69
	13,2	2,4	436	945	<b>MKF20 / MI110</b>	50	6	0,79
	16,5	3	369	804	<b>MKF20 / MI110</b>	40	6	1,01
	16,7	3,2	361	1224	<b>MKF20 / MI130</b>	60	4	0,86
	20	3,8	241	624	<b>MKF10 / MI110</b>	100	2	0,87
	20	3,8	301	1020	<b>MKF20 / MI130</b>	50	4	1,03
	22	4	289	639	<b>MKF20 / MI90</b>	30	6	0,81
	22	4	289	639	<b>MKF20 / MI110</b>	30	6	1,29
	25	4,8	217	566	<b>MKF10 / MI110</b>	80	2	1,07
	25	4,8	251	852	<b>MKF20 / MI110</b>	40	4	0,95
	25	4,8	249	845	<b>MKF20 / MI130</b>	40	4	1,45
	26,4	4,8	244	540	<b>MKF20 / MI110</b>	25	6	1,78
	26,4	4,8	247	548	<b>MKF20 / MI130</b>	25	6	1,16
	33	6	200	444	<b>MKF20 / MI90</b>	20	6	1
	33	6	195	432	<b>MKF20 / MI110</b>	20	6	1,38
	33,3	6,3	168	439	<b>MKF10 / MI90</b>	60	2	1,02
	33,3	6,3	183	482	<b>MKF10 / MI110</b>	60	2	1,48
	33,3	6,3	196	666	<b>MKF20 / MI110</b>	30	4	1,24
	33,3	6,3	191	648	<b>MKF20 / MI130</b>	30	4	1,9
	40	7,6	148	390	<b>MKF10 / MI90</b>	50	2	1,19
	40	7,6	153	402	<b>MKF10 / MI110</b>	50	2	1,85
	40	7,6	168	570	<b>MKF20 / MI90</b>	25	4	0,76
	40	7,6	168	570	<b>MKF20 / MI110</b>	25	4	1,11
	44	8	156	347	<b>MKF20 / MI90</b>	15	6	1,37
	44	8	154	342	<b>MKF20 / MI110</b>	15	6	2,13
	50	9,5	124	326	<b>MKF10 / MI90</b>	40	2	1,49
	50	9,5	129	341	<b>MKF10 / MI110</b>	40	2	2,38
	50	9,5	136	462	<b>MKF20 / MI90</b>	20	4	0,97
	50	9,5	132	450	<b>MKF20 / MI110</b>	20	4	1,32
	66	12	107	237	<b>MKF20 / MI90</b>	10	6	1,32
	66	12	107	237	<b>MKF20 / MI110</b>	10	6	2,57
	66,7	12,7	101	266	<b>MKF10 / MI80</b>	30	2	1,45
	66,7	12,7	101	266	<b>MKF10 / MI90</b>	30	2	1,95
	66,7	12,7	106	360	<b>MKF20 / MI90</b>	15	4	1
	66,7	12,7	104	356	<b>MKF20 / MI110</b>	15	4	2
	80	15,2	86	228	<b>MKF10 / MI80</b>	25	2	1,2
	80	15,2	86	228	<b>MKF10 / MI90</b>	25	2	1,6
	88	16	82	185	<b>MKF20 / MI90</b>	7,5	6	1,8
	88	16	81	182	<b>MKF20 / MI110</b>	7,5	6	3,1
	100	19	70	185	<b>MKF10 / MI80</b>	20	2	1,6
	100	19	70	185	<b>MKF10 / MI90</b>	20	2	2,1
	100	19	72	246	<b>MKF20 / MI90</b>	10	4	1,1
	100	19	72	246	<b>MKF20 / MI110</b>	10	4	2,3
	133,3	25,3	54	144	<b>MKF10 / MI70</b>	15	2	1,2
	133,3	25,3	52	139	<b>MKF10 / MI80</b>	15	2	2
	133,3	25,3	54	185	<b>MKF10 / MI90</b>	7,5	4	1,8
	133,3	25,3	55	187	<b>MKF20 / MI110</b>	7,5	4	3
	200	38	37	98	<b>MKF10 / MI70</b>	10	2	1,6
	200	38	37	98	<b>MKF10 / MI80</b>	10	2	2,2
	266,7	50,7	28	76	<b>MKF10 / MI70</b>	7,5	2	2,2
	266,7	50,7	28	76	<b>MKF10 / MI80</b>	7,5	2	3

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO TYPE TYP	<b>i</b>	Poli poles <i>polig</i>	<b>sf</b>
1,5 2	11	2	530	1152	MKF30 / MI130	60	6	0,91
	12,5	2,4	524	1320	MKF20 / MI130	80	4	0,69
	13,2	2,4	442	960	MKF30 / MI130	50	6	1,1
	16,5	3	354	768	MKF30 / MI130	40	6	1,49
	16,7	3,2	469	1152	MKF20 / MI130	60	4	0,91
	20	3,8	348	672	MKF10 / MI110	100	2	0,8
	20	3,8	313	1250	MKF20 / MI130	100	2	0,67
	20	3,8	403	1020	MKF20 / MI130	50	4	1,03
	22	4	281	612	MKF30 / MI130	30	6	2,01
	25	4,8	292	566	MKF10 / MI110	80	2	1,07
	25	4,8	336	852	MKF20 / MI110	40	4	0,95
	25	4,8	274	1100	MKF20 / MI130	80	2	0,82
	25	4,8	322	836	MKF20 / MI130	40	4	1,41
	26,4	4,8	244	540	MKF30 / MI130	25	6	1,78
	33	6	203	450	MKF30 / MI130	20	6	2,22
	33,3	6,3	226	439	MKF10 / MI90	60	2	1,02
	33,3	6,3	247	482	MKF10 / MI110	60	2	1,48
	33,3	6,3	247	1005	MKF20 / MI110	60	2	0,71
	33,3	6,3	262	666	MKF20 / MI110	30	4	1,24
	33,3	6,3	251	1020	MKF20 / MI130	60	2	1,03
	33,3	6,3	255	648	MKF20 / MI130	30	4	1,9
	40	7,6	200	390	MKF10 / MI90	50	2	1,19
	40	7,6	206	402	MKF10 / MI110	50	2	1,85
	40	7,6	206	838	MKF20 / MI110	50	2	0,89
	40	7,6	224	570	MKF20 / MI110	25	4	1,11
	40	7,6	209	850	MKF20 / MI130	50	2	1,24
	40	7,6	221	563	MKF20 / MI130	25	4	1,7
	44	8	154	338	MKF30 / MI110	15	6	2,16
	50	9,5	167	326	MKF10 / MI90	40	2	1,49
	50	9,5	174	341	MKF10 / MI110	40	2	2,38
	50	9,5	182	462	MKF20 / MI90	20	4	0,97
	50	9,5	174	675	MKF20 / MI110	40	2	1,14
	50	9,5	177	450	MKF20 / MI110	20	4	1,32
	50	9,5	187	680	MKF20 / MI130	40	2	1,69
	66	12	107	237	MKF30 / MI110	10	6	2,57
	66,7	12,7	132	266	MKF10 / MI80	30	2	1,45
	66,7	12,7	132	259	MKF10 / MI90	30	2	2,01
	66,7	12,7	141	360	MKF20 / MI90	15	4	1,32
	66,7	12,7	132	540	MKF20 / MI110	30	2	2,28
	66,7	12,7	140	356	MKF20 / MI110	15	4	2,05
	66,7	12,7	132	540	MKF20 / MI130	30	2	1,53
	80	15,2	116	228	MKF10 / MI80	25	2	1,3
80	15,2	116	228	MKF10 / MI90	25	2	1,89	
80	15,2	116	475	MKF20 / MI110	25	2	1,34	
80	15,2	125	513	MKF20 / MI130	25	2	1,95	
88	16	81	180	MKF30 / MI110	7,5	6	3	
100	19	94	185	MKF10 / MI80	20	2	1,69	
100	19	94	185	MKF10 / MI90	20	2	2,41	
100	19	97	246	MKF20 / MI90	10	4	1,27	
100	19	94	385	MKF20 / MI90	20	2	1,16	
100	19	92	375	MKF20 / MI110	20	2	1,58	
100	19	97	246	MKF20 / MI110	10	4	2,47	
133,3	25,3	73	144	MKF10 / MI70	15	2	1,69	
133,3	25,3	73	144	MKF10 / MI80	15	2	2,38	
133,3	25,3	73	300	MKF20 / MI90	15	2	1,58	
133,3	25,3	74	189	MKF20 / MI90	7,5	4	1,81	
133,3	25,3	72	296	MKF20 / MI110	15	2	2,46	
133,3	25,3	73	187	MKF20 / MI110	7,5	4	2,89	

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO TYPE TYP	<b>i</b>	Poli poles polig	<b>sf</b>
<b>1,5</b> <b>2</b>	200	38	50	98	<b>MKF10 / MI70</b>	10	2	2,27
	200	38	50	98	<b>MKF10 / MI80</b>	10	2	2,39
	200	38	50	205	<b>MKF20 / MI90</b>	10	2	1,52
	200	38	50	205	<b>MKF20 / MI110</b>	10	2	2,96
	266,7	50,7	38	76	<b>MKF10 / MI70</b>	7,5	2	2,74
	266,7	50,7	38	76	<b>MKF10 / MI80</b>	7,5	2	3,48
	266,7	50,7	38	158	<b>MKF20 / MI90</b>	7,5	2	2,17
	266,7	50,7	38	156	<b>MKF20 / MI110</b>	7,5	2	3,47

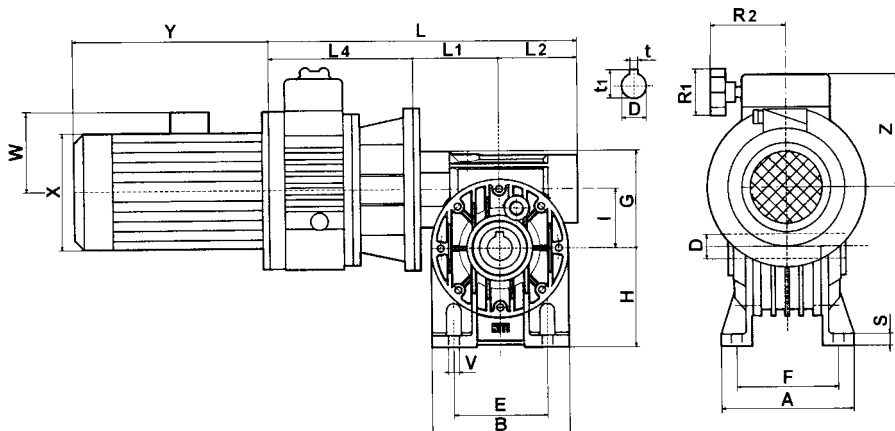
<b>1,8</b> <b>2,5</b>	6,6	1,2	1100	4320	<b>MKF50 / MI175</b>	100	6	0,7
	8,3	1,5	880	3456	<b>MKF50 / MI175</b>	80	6	0,8
	11	2	660	2592	<b>MKF50 / MI175</b>	60	6	0,9
	12,5	2,4	629	1320	<b>MKF20 / MI130</b>	80	4	0,69
	13,2	2,4	605	2304	<b>MKF50 / MI150</b>	40	6	0,9
	13,2	2,4	605	2304	<b>MKF50 / MI175</b>	50	6	1,1
	16,5	3	629	1340	<b>MKF30 / MI130</b>	40	4	0,9
	16,5	3	510	1930	<b>MKF50 / MI150</b>	40	6	0,9
	16,7	3,2	563	1152	<b>MKF20 / MI130</b>	60	4	0,91
	20	3,8	483	1020	<b>MKF20 / MI130</b>	30	6	1,03
	22	4	486	1065	<b>MKF30 / MI130</b>	30	4	1,2
	22	4	396	1534	<b>MKF50 / MI130</b>	30	6	0,8
	22	4	396	1534	<b>MKF50 / MI130</b>	30	6	1,2
	25	4,8	403	852	<b>MKF20 / MI110</b>	40	4	0,95
	25	4,8	386	816	<b>MKF20 / MI130</b>	25	6	1,41
	26,4	4,8	439	938	<b>MKF30 / MI130</b>	20	6	1
	33	6	367	750	<b>MKF50 / MI110</b>	20	6	0,8
	33	6	367	750	<b>MKF50 / MI130</b>	20	6	1
	33	6	367	750	<b>MKF50 / MI130</b>	20	6	1,4
	33,3	6,3	315	666	<b>MKF20 / MI110</b>	30	4	1,24
	33,3	6,3	306	648	<b>MKF20 / MI130</b>	30	4	1,9
	40	7,6	269	570	<b>MKF20 / MI110</b>	25	4	1,11
	40	7,6	266	563	<b>MKF20 / MI130</b>	25	4	1,7
	44	8	300	608	<b>MKF30 / MI110</b>	15	6	1,2
	44	8	244	875	<b>MKF50 / MI110</b>	15	6	0,8
	44	8	244	875	<b>MKF50 / MI130</b>	15	6	1,4
	50	9,5	218	462	<b>MKF20 / MI90</b>	20	4	0,97
	50	9,5	213	450	<b>MKF20 / MI110</b>	20	4	1,32
	66	12	208	420	<b>MKF30 / MI110</b>	10	6	1,4
	66	12	169	605	<b>MKF50 / MI110</b>	10	6	0,9
	66,7	12,7	170	360	<b>MKF20 / MI90</b>	15	4	1,32
	66,7	12,7	168	356	<b>MKF20 / MI110</b>	15	4	2,05
	88	16	162	319	<b>MKF30 / MI110</b>	7,5	6	1,9
	88	16	132	459	<b>MKF50 / MI110</b>	7,5	6	1,3
	100	19	116	246	<b>MKF20 / MI90</b>	10	4	1,27
	100	19	116	246	<b>MKF20 / MI110</b>	10	4	2,47
133,3	25,3	89	189	<b>MKF20 / MI90</b>	7,5	4	1,81	
133,3	25,3	88	187	<b>MKF20 / MI110</b>	7,5	4	2,89	

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO TYPE TYP	<b>i</b>	Poli poles polig	<b>sf</b>
<b>2,2</b> <b>3</b>	11	2	780	2592	<b>MKF50 / MI175</b>	60	6	0,9
	13	2	715	2304	<b>MKF50 / MI175</b>	50	6	1,1
	17	3	603	1930	<b>MKF50 / MI150</b>	40	6	0,9
	22	4	468	1534	<b>MKF50 / MI130</b>	30	6	0,8
	22	4	468	1534	<b>MKF50 / MI150</b>	30	6	1,2
	25	5	275	1000	<b>MKF20 / MI130</b>	80	2	0,9
	33	6	258	900	<b>MKF20 / MI130</b>	60	2	1,2
	33	6	354	1080	<b>MKF50 / MI130</b>	20	6	1
	40	8	237	800	<b>MKF20 / MI130</b>	50	2	1,3
	40	8	276	938	<b>MKF30 / MI130</b>	25	4	1
	44	8	289	875	<b>MKF50 / MI110</b>	15	6	0,8
	44	8	289	875	<b>MKF50 / MI130</b>	15	6	1,4
	50	10	200	670	<b>MKF20 / MI110</b>	40	2	1,1
	50	10	200	670	<b>MKF20 / MI130</b>	40	2	1,7
	50	10	231	750	<b>MKF30 / MI110</b>	20	4	0,8
	50	10	231	750	<b>MKF30 / MI130</b>	20	4	1,4
	66	12	200	605	<b>MKF50 / MI110</b>	10	6	0,9
	67	13	155	533	<b>MKF20 / MI110</b>	30	2	1,5
	67	13	155	533	<b>MKF20 / MI130</b>	30	2	2,4
	67	13	189	608	<b>MKF30 / MI110</b>	15	4	1,2
	80	15	140	469	<b>MKF20 / MI110</b>	25	2	1,4
	80	15	140	469	<b>MKF20 / MI130</b>	25	2	2
	88	16	156	459	<b>MKF50 / MI110</b>	7,5	6	1,3
	100	19	117	375	<b>MKF20 / MI90</b>	20	2	1
	100	19	117	375	<b>MKF20 / MI110</b>	20	2	1,7
	100	19	131	420	<b>MKF30 / MI110</b>	10	4	1,4
	133	25	95	304	<b>MKF20 / MI90</b>	15	2	1,3
	133	25	95	304	<b>MKF20 / MI110</b>	15	2	2,4
133	25	102	319	<b>MKF30 / MI110</b>	7,5	4	1,9	
200	38	66	210	<b>MKF20 / MI90</b>	10	2	1,3	
200	38	66	210	<b>MKF20 / MI110</b>	10	2	2,1	
267	51	52	159	<b>MKF20 / MI90</b>	7,5	2	2,1	
267	51	52	159	<b>MKF20 / MI110</b>	7,5	2	3,8	

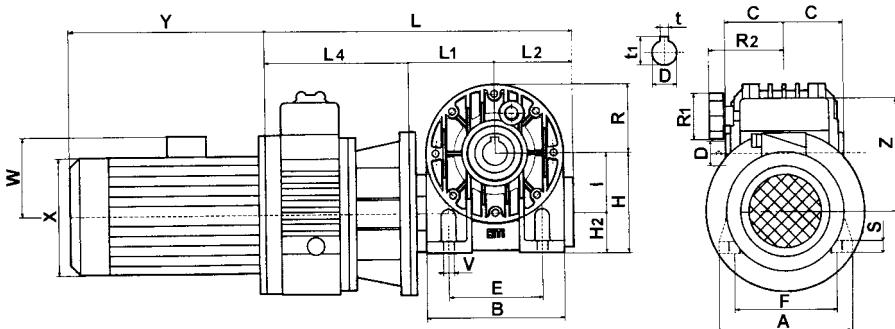
<b>3</b> <b>4</b>	17	3	690	2592	<b>MKF50 / MI175</b>	60	4	0,9
	20	4	633	2304	<b>MKF50 / MI175</b>	50	4	1,1
	25	5	534	1340	<b>MKF30 / MI130</b>	40	4	0,9
	25	5	534	1930	<b>MKF50 / MI150</b>	40	4	0,9
	33	6	414	1065	<b>MKF30 / MI130</b>	30	4	1,2
	33	6	414	2534	<b>MKF50 / MI130</b>	30	4	0,8
	33	6	414	1534	<b>MKF50 / MI150</b>	30	4	1,2
	33	6	476	2400	<b>MKF100 / MI175</b>	20	6	1
	40	8	374	938	<b>MKF30 / MI130</b>	25	4	1
	44	8	389	1944	<b>MKF100 / MI150</b>	15	6	0,9
	44	8	389	1944	<b>MKF100 / MI175</b>	15	6	1,3
	50	10	313	750	<b>MKF30 / MI130</b>	20	4	1,4
	50	10	313	1080	<b>MKF50 / MI130</b>	20	4	1
	66	12	270	1344	<b>MKF100 / MI150</b>	10	6	1,7
	66	12	270	1344	<b>MKF100 / MI175</b>	10	6	1,2
	67	13	255	608	<b>MKF30 / MI110</b>	15	4	1,2
	67	13	255	875	<b>MKF50 / MI130</b>	15	4	0,8
	67	13	255	875	<b>MKF100 / MI150</b>	15	4	1,4
	88	16	210	1020	<b>MKF100 / MI150</b>	7,5	6	1,4
	88	16	210	1020	<b>MKF100 / MI175</b>	7,5	6	2,2
	100	19	177	420	<b>MKF30 / MI110</b>	10	4	1,4
	100	19	177	605	<b>MKF50 / MI110</b>	10	4	0,9
	133	25	138	319	<b>MKF30 / MI110</b>	7,5	4	1,9
133	25	138	459	<b>MKF50 / MI110</b>	7,5	4	1,3	

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO TYPE TYP	<b>i</b>	Poli poles polig	<b>sf</b>
<b>4</b> <b>5,5</b>	17	3	930	2592	MKF50 / MI175	60	4	0,9
	20	4	853	2304	MKF50 / MI150	50	4	1,1
	25	5	719	1930	MKF50 / MI150	40	4	0,9
	33	6	558	1534	MKF50 / MI130	30	4	0,8
	33	6	558	1534	MKF50 / MI150	30	4	1,2
	33	6	653	2400	MKF100 / MI175	20	6	1
	44	8	533	1944	MKF100 / MI150	15	6	0,9
	44	8	533	1944	MKF100 / MI175	15	6	1,3
	50	10	422	1080	MKF50 / MI130	20	4	1
	66	12	370	1344	MKF100 / MI150	10	6	1,2
	66	12	370	1344	MKF100 / MI175	10	6	1,7
	67	13	344	875	MKF50 / MI110	15	4	0,8
	67	13	344	875	MKF50 / MI130	15	4	1,4
	88	16	288	1020	MKF100 / MI150	7,5	6	1,4
	88	16	288	1020	MKF100 / MI175	7,5	6	2,2
100	19	239	605	MKF50 / MI110	10	4	0,9	
133	25	186	459	MKF50 / MI110	7,5	4	1,3	
<b>5,5</b> <b>7,5</b>	33	6	884	2400	MKF100 / MI175	20	6	1
	44	8	722	1944	MKF100 / MI150	15	6	0,9
	44	8	722	1944	MKF100 / MI175	15	6	1,3
	50	10	585	2400	MKF100 / MI175	20	4	1
	66	12	501	1344	MKF100 / MI150	10	6	1,2
	66	12	501	1344	MKF100 / MI175	10	6	1,7
	67	13	477	1944	MKF100 / MI150	15	4	0,9
	67	13	477	1944	MKF100 / MI175	15	4	1,3
	88	16	390	1020	MKF100 / MI150	7,5	6	1,4
	88	16	390	1020	MKF100 / MI175	7,5	6	2,2
	100	19	331	1344	MKF100 / MI150	10	4	1,2
	100	19	331	1344	MKF100 / MI175	10	4	1,7
	133	25	258	1020	MKF100 / MI150	7,5	4	1,4
133	25	258	1020	MKF100 / MI175	7,5	4	2,2	
<b>7,5</b> <b>10</b>	50	10	789	2400	MKF100 / MI175	20	4	1
	67	13	644	1944	MKF100 / MI150	15	4	0,9
	67	13	644	1944	MKF100 / MI175	15	4	1,3
	100	19	447	1344	MKF100 / MI150	10	4	1,2
	100	19	447	1344	MKF100 / MI175	10	4	1,7
	133	25	348	1020	MKF100 / MI150	7,5	4	1,4
	133	25	348	1020	MKF100 / MI175	7,5	4	2,2
<b>9,2</b> <b>12,5</b>	50	10	979	2400	MKF100 / MI175	20	4	1
	67	13	799	1944	MKF100 / MI150	15	4	0,9
	67	13	799	1944	MKF100 / MI175	15	4	1,3
	100	19	554	1344	MKF100 / MI150	10	4	1,2
	100	19	554	1344	MKF100 / MI175	10	4	1,7
	133	25	432	1020	MKF100 / MI150	7,5	4	1,4
	133	25	432	1020	MKF100 / MI175	7,5	4	2,2
<b>11</b> <b>15</b>	50	10	1170	2400	MKF100 / MI175	20	4	1
	67	13	955	1944	MKF100 / MI150	15	4	0,9
	67	13	955	1944	MKF100 / MI175	15	4	1,3
	100	19	662	1344	MKF100 / MI150	10	4	1,2
	100	19	662	1344	MKF100 / MI175	10	4	1,7
	133	25	516	1020	MKF100 / MI150	7,5	4	1,4
	133	25	516	1020	MKF100 / MI175	7,5	4	2,2

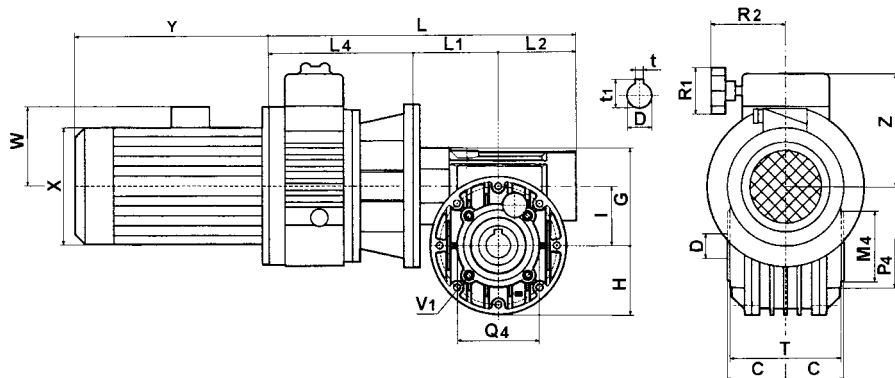
## MKF...-I...A



## MKF...-I...B



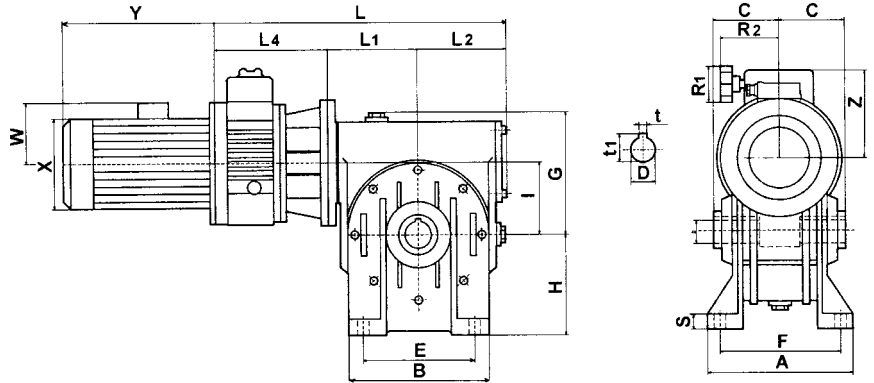
## MKF...-I...FP



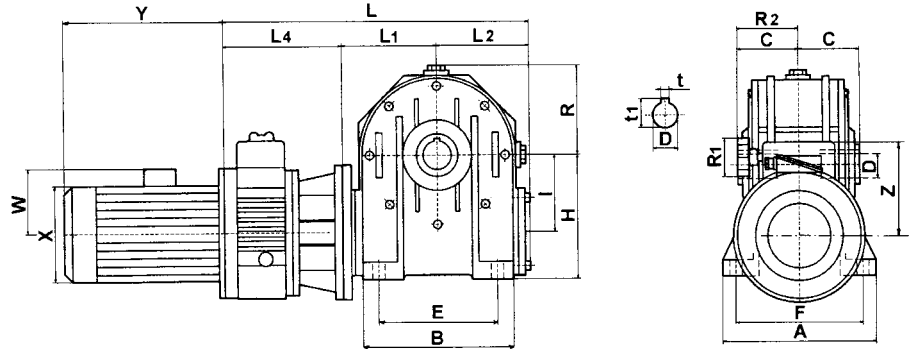
MKF	I	A	B	E	F	S	V	H	H <sub>2</sub>	G	I	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>4</sub>	Z	T	C	M <sub>4</sub>	P <sub>4</sub>	R <sub>2</sub>	R <sub>1</sub>	Q <sub>4</sub>	V <sub>1</sub>	D	t <sub>1</sub>	t
2	40	100	96	70	84	8	7	71	31	70	40	267	70	57	140	96	77	41	50	96	110	85	65	M6	19	22	6
	50	114	112	85	96	10	9	85	35	84	50	287	80	67	140	96	93	49	60	88	110	85	75	M6	24	27	8
	60	137	140	95	111	12	11	100	40	99	60	320	100	80	140	96	104	60	70	105	110	85	85	M8	25	28	8
	70	141	156	120	115	12	11	115	45	117	70	324	98	86	140	96	114	61	80	115	110	85	100	M8	28	31	8
5	50	114	112	85	96	10	9	85	35	84	50	301	81	67	153	105	93	49	60	88	110	85	75	M6	24	27	8
	60	137	140	95	111	12	11	100	40	99	60	328	95	80	153	105	104	60	70	105	110	85	85	M8	25	28	8
	70	141	156	120	115	12	11	115	45	117	70	336	97	86	153	105	114	61	80	115	110	85	100	M8	28	31	8
10	70	141	156	120	115	12	11	115	45	117	70	356	97	86	173	125	114	61	80	115	130	110	100	M8	28	31	8



## MKF...-I...A

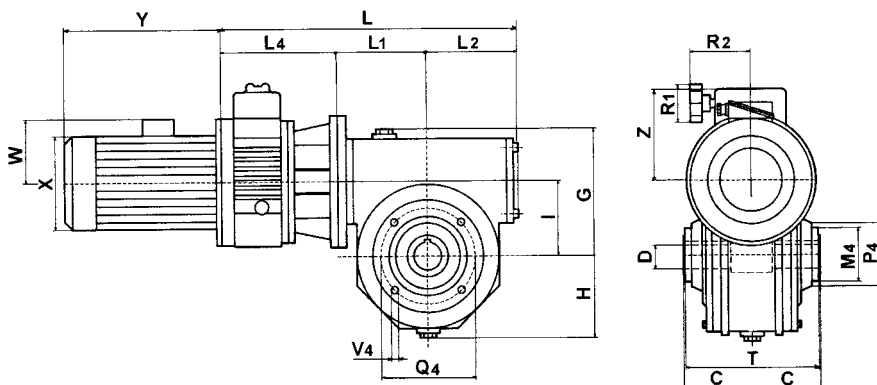


## MKF...-I...B

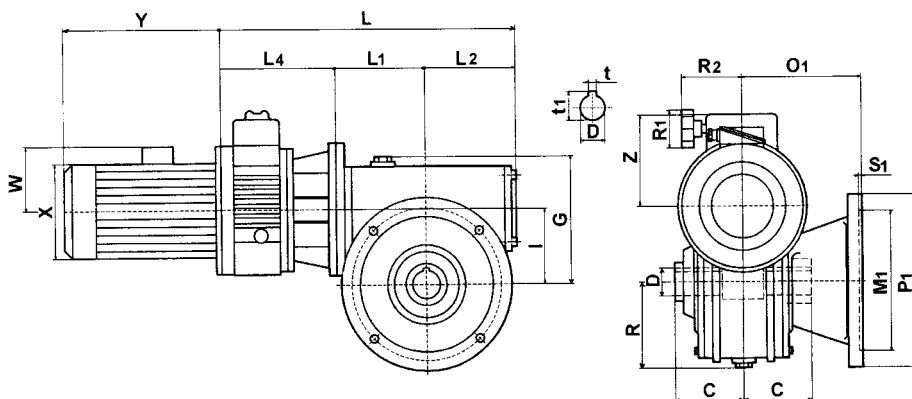


MKF	I	A	B	E	F	S	V	H	H <sub>2</sub>	G	I	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>4</sub>	R	R <sub>1</sub>	R <sub>2</sub>	C	D <sub>H7</sub>	t	t <sub>1</sub>
5	80	181	180	140	147	13	11	142	62	127	80	368	110	105	153	95	85	110	70	35	10	38,3
	90	198	210	160	164	15	13	150	60	139	90	403	126	124	153	111	85	110	75	38	10	41,3
10	80	181	180	140	147	13	11	142	62	127	80	388	110	105	173	95	110	130	70	35	10	38,3
	90	198	210	160	164	15	13	150	60	139	90	423	126	124	173	111	110	130	75	38	10	41,3
	110	190	250	200	160	18	13	172	62	170	110	465	148	144	173	141	110	138	77,5	42	12	45,3
20	90	198	210	160	164	15	13	150	60	139	90	474	126	124	224	111	110	138	75	38	10	41,3
	110	190	250	200	160	18	13	172	62	170	110	516	148	144	224	141	110	138	77,5	42	12	45,3
	130	225	280	240	190	18	15	200	70	194	130	551	167	160	224	155	110	158	95	48	14	51,8
30	110	190	250	200	160	18	13	172	62	170	110	586	148	144	293	141	110	158	77,5	42	12	45,3
	130	225	280	240	190	18	15	200	70	194	130	618	167	160	293	155	110	158	95	48	14	51,8
50	110	190	250	200	160	18	13	172	62	170	110	586	148	144	293	141	110	158	77,5	42	12	45,3
	130	225	280	240	190	18	15	200	70	194	130	618	167	160	293	155	110	158	95	48	14	51,8
	150	260	334	280	220	20	19	230	80	225	150	675	193	190	293	182	110	158	110	55	16	60,3
100	175	280	358	310	240	30	19	260	85	258	175	710	210	204	293	203	110	158	115	60	18	64,4
	150	269	334	280	220	20	19	230	80	225	150	730	193	190	343	182	110	158	110	55	16	60,3
	175	280	358	310	240	30	19	260	85	258	175	761	210	204	343	203	110	158	115	60	18	64,4

## MKF...-I...FP



## MKF...-I...F



MKF	I	M <sub>1</sub> H7	M <sub>2</sub> h7	N <sub>1</sub>	O <sub>1</sub>	P <sub>1</sub>	P <sub>4</sub>	Q <sub>1</sub>	Q <sub>4</sub>	S <sub>1</sub>	V <sub>1</sub>	V <sub>4</sub>	G	I	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>4</sub>	R	R <sub>1</sub>	R <sub>2</sub>	T	C	D H7	t	t <sub>1</sub>
5	80	130	110	13	120	200	145	165	130	5	11,5	M10	127	80	368	110	105	153	95	85	110	66,5	70	35	10	38,3
	90	180	110	14	127	250	160	215	130	5	14	M10	139	90	403	126	124	153	111	85	110	71,5	75	38	10	41,8
10	80	130	110	13	120	200	145	165	130	5	11,5	M10	127	80	388	110	105	173	95	110	130	66,5	70	35	10	38,3
	90	180	110	14	127	250	160	215	130	5	14	M10	139	90	423	126	124	173	111	110	130	71,5	75	38	10	41
20	110	180	130	18	150	250	200	215	165	5	15	M12	170	110	465	148	144	173	141	110	130	74	77,5	42	12	45,3
	90	180	110	14	127	250	160	215	130	5	14	M10	139	90	474	126	124	224	111	110	138	71,5	75	38	10	41,3
	110	180	130	18	150	300	240	265	215	5	15	M12	194	130	551	167	160	224	155	110	138	86	85	48	14	51,8
30	110	180	130	18	150	250	200	215	165	5	15	M12	170	110	586	148	144	293	141	110	158	74	77,5	42	12	45,3
	130	230	180	18	150	300	240	265	115	5	15	M12	194	130	618	167	160	293	155	110	158	86	95	48	14	51,8
50	110	180	130	18	150	250	200	215	165	5	15	M12	170	110	586	148	144	293	141	110	158	74	77,5	42	12	45,3
	130	230	180	18	150	300	240	265	215	5	15	M12	194	130	618	167	160	293	155	110	158	86	95	48	14	51,8
	150	250	180	20	175	350	250	300	215	6	17	M14	225	150	675	193	190	293	182	110	158	102	110	55	16	60,3
100	175	300	-	22	210	400	-	350	-	6	18	-	258	175	710	210	204	293	203	110	158	-	115	60	18	64,4
	150	250	180	20	175	350	250	300	215	6	17	M14	225	150	730	193	190	343	182	110	158	102	110	55	16	60,3
	175	300	-	22	210	400	-	350	-	6	18	-	258	175	761	210	204	343	203	110	158	-	115	60	18	64,4

**SITI**

MOTOVARIATORI COMBINATI MKF/MU  
**COMBINED MOTORIZED VARIATORS MKF/MU**  
*KOMBINIERTE VERSTELLGETRIEBE MKF/MU*



$kW_1$ $HP_1$	max $n_2$ $min^{-1}$	min $n_2$ $min^{-1}$	min $M_2$ Nm	max $M_2$ Nm	TIPO TYPE TYP	i	Poli poles polig	sf
<b>0,12</b>	10,2	1,9	44	104	MKF2/MU50	60	6	0,81
	12,2	2,3	40	93	MKF2/MU50	50	6	0,99
<b>0,16</b>	15,3	2,9	35	82	MKF2/MU50	40	6	1,20
	17,6	3,4	32	104	MKF2/MU50	50	4	0,88
	20,3	3,8	28	66	MKF2/MU40	30	6	0,92
	20,3	3,8	28	66	MKF2/MU50	30	6	1,43
	22,0	4,3	28	88	MKF2/MU50	40	4	1,11
	24,4	4,6	25	59	MKF2/MU40	25	6	0,86
	24,4	4,6	25	59	MKF2/MU50	25	6	1,45
	29,3	5,7	23	69	MKF2/MU40	30	4	0,88
	29,3	5,7	23	71	MKF2/MU50	30	4	1,33
	30,5	5,8	21	50	MKF2/MU40	20	6	1,06
	30,5	5,8	21	50	MKF2/MU50	20	6	2,11
	35,2	6,8	20	65	MKF2/MU40	25	4	0,82
	35,2	6,8	20	64	MKF2/MU50	25	4	1,34
	40,7	7,7	17	40	MKF2/MU40	15	6	1,42
	40,7	7,7	17	40	MKF2/MU50	15	6	2,68
	44,0	8,5	17	53	MKF2/MU40	20	4	1,01
	44,0	8,5	17	53	MKF2/MU50	20	4	1,97
	58,7	11,3	13	41	MKF2/MU40	15	4	1,37
	58,7	11,3	14	41	MKF2/MU50	15	4	2,58
	61,0	11,5	12	28	MKF2/MU40	10	6	2,03
61,0	11,5	12	28	MKF2/MU50	10	6	3,38	
81,3	15,3	9	22	MKF2/MU40	7,5	6	2,63	
81,3	15,3	9	22	MKF2/MU50	7,5	6	4,42	
88,0	17,0	10	29	MKF2/MU40	10	4	1,99	
88,0	17,0	10	29	MKF2/MU50	10	4	3,23	
117,3	22,7	7	22	MKF2/MU40	7,5	4	2,59	
117,3	22,7	7	23	MKF2/MU50	7,5	4	4,21	
122,0	23,0	6	15	MKF2/MU40	5	6	3,90	
122,0	23,0	6	15	MKF2/MU50	5	6	6,53	
176,0	34,0	5	15	MKF2/MU40	5	4	3,81	
176,0	34,0	5	15	MKF2/MU50	5	4	6,36	

$kW_1$ $HP_1$	max $n_2$ $min^{-1}$	min $n_2$ $min^{-1}$	min $M_2$ Nm	max $M_2$ Nm	TIPO TYPE TYP	i	Poli poles polig	sf
<b>0,18</b>	16,5	3,0	53	203	MKF5/MU63	40	6	0,91
	17,6	3,4	42	104	MKF2/MU50	50	4	0,88
<b>0,25</b>	22,0	4,3	37	88	MKF2/MU50	40	4	1,11
	22,0	4,0	41	155	MKF5/MU63	30	6	1,28
	26,4	4,8	41	157	MKF5/MU63	25	6	1,05
	29,3	5,7	31	69	MKF2/MU40	30	4	0,88
	29,3	5,7	30	71	MKF2/MU50	30	4	1,33
	33,0	6,0	30	114	MKF5/MU50	20	6	0,92
	33,0	6,0	33	126	MKF5/MU63	20	6	1,40
	35,0	7,2	21	97	MKF2/MU50	50	2	0,95
	35,2	6,8	27	64	MKF2/MU50	25	4	1,34
	43,8	9,0	19	84	MKF2/MU50	40	2	1,17
	44,0	8,5	22	53	MKF2/MU40	20	4	1,01
	44,0	8,5	23	53	MKF2/MU50	20	4	1,97
	44,0	8,0	24	90	MKF5/MU50	15	6	1,17
	44,0	8,0	24	91	MKF5/MU63	15	6	2,11
	58,3	12,0	16	67	MKF2/MU40	30	2	0,92
	58,3	12,0	15	66	MKF2/MU50	30	2	1,44
	58,7	11,3	18	41	MKF2/MU40	15	4	1,37

$kW_1$ $HP_1$	max $n_2$ $min^{-1}$	min $n_2$ $min^{-1}$	min $M_2$ Nm	max $M_2$ Nm	TIPO TYPE TYP	i	Poli poles polig	sf
0,18	58,7	11,3	18	41	MKF2/MU50	15	4	2,58
	66,0	12,0	17	64	MKF5/MU50	10	6	1,48
0,25	66,0	12,0	18	70	MKF5/MU63	10	6	2,65
	70,0	14,4	15	56	MKF2/MU40	25	2	0,91
	70,0	14,4	14	57	MKF2/MU50	25	2	1,51
	87,5	18,0	12	46	MKF2/MU40	20	2	1,15
	87,5	18,0	11	49	MKF2/MU50	20	2	2,16
	88,0	17,0	13	29	MKF2/MU40	10	4	1,99
	88,0	17,0	13	29	MKF2/MU50	10	4	3,23
	88,0	16,0	13	50	MKF5/MU50	7,5	6	1,93
	88,0	16,0	14	54	MKF5/MU63	7,5	6	3,40
	116,7	24,0	9	37	MKF2/MU40	15	2	1,52
	116,7	24,0	9	37	MKF2/MU50	15	2	2,85
	117,3	22,7	10	22	MKF2/MU40	7,5	4	2,59
	117,3	22,7	10	23	MKF2/MU50	7,5	4	4,21
	132,0	24,0	9	34	MKF5/MU50	5	6	2,86
	132,0	24,0	9	34	MKF5/MU63	5	6	4,96
	175,0	36,0	7	26	MKF2/MU40	10	2	2,21
	175,0	36,0	6	26	MKF2/MU50	10	2	3,71
	176,0	34,0	7	15	MKF2/MU40	5	4	3,81
176,0	34,0	7	15	MKF2/MU50	5	4	6,36	
233,3	48,0	5	20	MKF2/MU40	7,5	2	2,91	
233,3	48,0	5	20	MKF2/MU50	7,5	2	4,87	
350,0	72,0	3	13	MKF2/MU50	5	2	7,33	

$kW_1$ $HP_1$	max $n_2$ $min^{-1}$	min $n_2$ $min^{-1}$	min $M_2$ Nm	max $M_2$ Nm	TIPO TYPE TYP	i	Poli poles polig	sf
0,25	16,7	3,2	61	293	MKF5/MU75	60	4	0,87
	17,6	3,4	58	104	MKF2/MU50	50	4	0,88
0,37	22,0	4,3	51	88	MKF2/MU50	40	4	1,11
	25,0	4,8	48	214	MKF5/MU63	40	4	0,86
	29,3	5,7	43	69	MKF2/MU40	30	4	0,88
	29,3	5,7	42	71	MKF2/MU50	30	4	1,33
	33,3	6,3	37	169	MKF5/MU63	30	4	1,18
	35,0	7,2	29	97	MKF2/MU50	50	2	0,95
	35,2	6,8	37	64	MKF2/MU50	25	4	1,34
	40,0	7,6	37	151	MKF5/MU63	25	4	1,09
	43,8	9,0	26	84	MKF2/MU50	40	2	1,17
	44,0	8,5	31	53	MKF2/MU40	20	4	1,01
	44,0	8,5	31	53	MKF2/MU50	20	4	1,97
	50,0	9,5	27	122	MKF5/MU50	20	4	0,86
	50,0	9,5	30	125	MKF5/MU63	20	4	1,42
	58,3	12,0	22	67	MKF2/MU40	30	2	0,92
	58,3	12,0	21	66	MKF2/MU50	30	2	1,44
	58,7	11,3	24	41	MKF2/MU40	15	4	1,37
	58,7	11,3	25	41	MKF2/MU50	15	4	2,58
	66,7	12,7	21	94	MKF5/MU50	15	4	1,13
	66,7	12,7	22	97	MKF5/MU63	15	4	1,97
	70,0	14,4	20	56	MKF2/MU40	25	2	0,91
	70,0	14,4	19	57	MKF2/MU50	25	2	1,51
	87,5	18,0	17	46	MKF2/MU40	20	2	1,15
	87,5	18,0	16	49	MKF2/MU50	20	2	2,16
	88,0	17,0	18	29	MKF2/MU40	10	4	1,99
	88,0	17,0	18	29	MKF2/MU50	10	4	3,23
	100,0	19,0	15	66	MKF5/MU40	10	4	0,87
	100,0	19,0	15	67	MKF5/MU50	10	4	1,41
	100,0	19,0	17	68	MKF5/MU63	10	4	2,70

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> min <sup>-1</sup>	<b>min</b> <b>n<sub>2</sub></b> min <sup>-1</sup>	<b>min</b> <b>M<sub>2</sub></b> Nm	<b>max</b> <b>M<sub>2</sub></b> Nm	TIPO TYPE TYP	<b>i</b>	Poli poles polig	<b>sf</b>
<b>0,25</b>	116,7	24,0	13	37	<b>MKF2/MU40</b>	15	2	1,52
	116,7	24,0	12	37	<b>MKF2/MU50</b>	15	2	2,85
<b>0,37</b>	117,3	22,7	14	22	<b>MKF2/MU40</b>	7,5	4	2,59
	117,3	22,7	14	23	<b>MKF2/MU50</b>	7,5	4	4,21
	133,3	25,3	12	50	<b>MKF5/MU40</b>	7,5	4	1,13
	133,3	25,3	12	52	<b>MKF5/MU50</b>	7,5	4	1,84
	133,3	25,3	13	52	<b>MKF5/MU63</b>	7,5	4	3,50
	175,0	36,0	9	26	<b>MKF2/MU40</b>	10	2	2,21
	175,0	36,0	9	26	<b>MKF2/MU50</b>	10	2	3,71
	176,0	34,0	9	15	<b>MKF2/MU40</b>	5	4	3,81
	176,0	34,0	9	15	<b>MKF2/MU50</b>	5	4	6,36
	200,0	38,0	8	35	<b>MKF5/MU40</b>	5	4	1,67
	200,0	38,0	8	35	<b>MKF5/MU50</b>	5	4	2,78
	200,0	38,0	8	35	<b>MKF5/MU63</b>	5	4	4,86
	233,3	48,0	7	20	<b>MKF2/MU40</b>	7,5	2	2,91
	233,3	48,0	7	20	<b>MKF2/MU50</b>	7,5	2	4,87
	350,0	72,0	5	14	<b>MKF2/MU40</b>	5	2	4,30
	350,0	72,0	5	13	<b>MKF2/MU50</b>	5	2	7,33

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> min <sup>-1</sup>	<b>min</b> <b>n<sub>2</sub></b> min <sup>-1</sup>	<b>min</b> <b>M<sub>2</sub></b> Nm	<b>max</b> <b>M<sub>2</sub></b> Nm	TIPO TYPE TYP	<b>i</b>	Poli poles polig	<b>sf</b>
<b>0,37</b>	9,4	1,7	173	665	<b>MKF10/MU110</b>	70	6	1,03
	11,0	2,0	142	293	<b>MKF5/MU75</b>	60	6	0,87
<b>0,5</b>	11,0	2,0	156	615	<b>MKF10/MU110</b>	60	6	1,16
	13,2	2,4	134	512	<b>MKF10/MU90</b>	50	6	0,89
	13,2	2,4	137	533	<b>MKF10/MU110</b>	50	6	1,45
	16,5	3,0	111	214	<b>MKF5/MU63</b>	40	6	0,86
	16,5	3,0	115	428	<b>MKF10/MU90</b>	40	6	1,27
	16,5	3,0	117	445	<b>MKF10/MU110</b>	40	6	1,99
	16,7	3,2	90	293	<b>MKF5/MU75</b>	60	4	0,87
	22,0	4,0	85	169	<b>MKF5/MU63</b>	30	6	1,18
	22,0	4,0	87	332	<b>MKF10/MU75</b>	30	6	0,90
	22,0	4,0	94	339	<b>MKF10/MU90</b>	30	6	1,74
	22,0	4,0	93	343	<b>MKF10/MU110</b>	30	6	2,52
	25,0	4,8	71	214	<b>MKF5/MU63</b>	40	4	0,86
	26,4	4,8	86	151	<b>MKF5/MU63</b>	25	6	1,09
	26,4	4,8	78	290	<b>MKF10/MU75</b>	25	6	0,91
	26,4	4,8	81	297	<b>MKF10/MU90</b>	25	6	1,52
	26,4	4,8	83	305	<b>MKF10/MU110</b>	25	6	2,50
	33,0	6,0	63	122	<b>MKF5/MU50</b>	20	6	0,86
	33,0	6,0	69	125	<b>MKF5/MU63</b>	20	6	1,42
	33,0	6,0	65	239	<b>MKF10/MU75</b>	20	6	1,21
	33,0	6,0	68	244	<b>MKF10/MU90</b>	20	6	2,13
	33,0	6,0	68	250	<b>MKF10/MU110</b>	20	6	3,46
	33,3	6,3	54	169	<b>MKF5/MU63</b>	30	4	1,18
	35,0	7,2	42	97	<b>MKF2/MU50</b>	50	2	0,95
	40,0	7,6	55	151	<b>MKF5/MU63</b>	25	4	1,09
	43,8	9,0	37	84	<b>MKF2/MU50</b>	40	2	1,17
	44,0	8,0	50	94	<b>MKF5/MU50</b>	15	6	1,13
	44,0	8,0	50	97	<b>MKF5/MU63</b>	15	6	1,97
	44,0	8,0	51	185	<b>MKF10/MU75</b>	15	6	1,57
	44,0	8,0	52	189	<b>MKF10/MU90</b>	15	6	2,59
	44,0	8,0	53	192	<b>MKF10/MU110</b>	15	6	4,14
	50,0	9,5	40	122	<b>MKF5/MU50</b>	20	4	0,86
	50,0	9,5	44	125	<b>MKF5/MU63</b>	20	4	1,42
58,3	12,0	32	67	<b>MKF2/MU40</b>	30	2	0,92	
58,3	12,0	30	66	<b>MKF2/MU50</b>	30	2	1,44	

$kW_1$ $HP_1$	max $n_2$ $min^{-1}$	min $n_2$ $min^{-1}$	min $M_2$ Nm	max $M_2$ Nm	TIPO TYPE TYP	i	Poli poles polig	sf
<b>0,37</b> <b>0,5</b>	66,0	12,0	35	67	MKF5/MU50	10	6	1,41
	66,0	12,0	38	68	MKF5/MU63	10	6	2,70
	66,0	12,0	36	129	MKF10/MU75	10	6	2,24
	66,0	12,0	36	132	MKF10/MU90	10	6	3,46
	66,0	12,0	37	132	MKF10/MU110	10	6	5,73
	66,7	12,7	32	94	MKF5/MU50	15	4	1,13
	66,7	12,7	32	97	MKF5/MU63	15	4	1,97
	70,0	14,4	30	56	MKF2/MU40	25	2	0,91
	70,0	14,4	27	57	MKF2/MU50	25	2	1,51
	87,5	18,0	24	46	MKF2/MU40	20	2	1,15
	87,5	18,0	23	49	MKF2/MU50	20	2	2,16
	88,0	16,0	27	52	MKF5/MU50	7,5	6	1,84
	88,0	16,0	30	52	MKF5/MU63	7,5	6	3,50
	88,0	16,0	28	99	MKF10/MU75	7,5	6	2,94
	88,0	16,0	28	101	MKF10/MU90	7,5	6	4,66
	88,0	16,0	28	100	MKF10/MU110	7,5	6	7,27
	100,0	19,0	22	67	MKF5/MU50	10	4	1,41
	100,0	19,0	24	68	MKF5/MU63	10	4	2,70
	116,7	24,0	19	37	MKF2/MU40	15	2	1,52
	116,7	24,0	18	37	MKF2/MU50	15	2	2,85
	132,0	24,0	19	35	MKF5/MU50	5	6	2,78
	132,0	24,0	19	35	MKF5/MU63	5	6	4,86
	133,3	25,3	17	52	MKF5/MU50	7,5	4	1,84
	133,3	25,3	19	52	MKF5/MU63	7,5	4	3,50
	175,0	36,0	13	26	MKF2/MU40	10	2	2,21
	175,0	36,0	13	26	MKF2/MU50	10	2	3,71
	200,0	38,0	12	35	MKF5/MU50	5	4	2,78
	200,0	38,0	12	35	MKF5/MU63	5	4	4,86
	233,3	48,0	10	20	MKF2/MU40	7,5	2	2,91
	233,3	48,0	10	20	MKF2/MU50	7,5	2	4,87
	350,0	72,0	7	14	MKF2/MU40	5	2	4,30
	350,0	72,0	7	13	MKF2/MU50	5	2	7,33

$kW_1$ $HP_1$	max $n_2$ $min^{-1}$	min $n_2$ $min^{-1}$	min $M_2$ Nm	max $M_2$ Nm	TIPO TYPE TYP	i	Poli poles polig	sf
<b>0,55</b> <b>0,75</b>	6,6	1,2	316	729	MKF10/MU110	100	6	0,79
	8,3	1,5	277	640	MKF10/MU110	80	6	1,00
	9,4	1,7	255	589	MKF10/MU110	70	6	1,16
	11,0	2,0	222	513	MKF10/MU90	60	6	0,83
	11,0	2,0	230	532	MKF10/MU110	60	6	1,34
	12,5	2,4	183	758	MKF10/MU110	80	4	0,85
	13,2	2,4	198	458	MKF10/MU90	50	6	1,00
	13,2	2,4	203	468	MKF10/MU110	50	6	1,65
	14,3	2,7	169	665	MKF10/MU110	70	4	1,03
	16,5	3,0	160	368	MKF10/MU75	40	6	0,81
	16,5	3,0	171	394	MKF10/MU90	40	6	1,38
	16,5	3,0	172	397	MKF10/MU110	40	6	2,23
	16,7	3,2	134	293	MKF5/MU75	60	4	0,87
	16,7	3,2	152	615	MKF10/MU110	60	4	1,16
	20,0	3,8	131	512	MKF10/MU90	50	4	0,89
	20,0	3,8	134	533	MKF10/MU110	50	4	1,45
	22,0	4,0	129	297	MKF10/MU75	30	6	1,01
	22,0	4,0	138	319	MKF10/MU90	30	6	1,84
	22,0	4,0	138	318	MKF10/MU110	30	6	2,72
	25,0	4,8	86	264	MKF5/MU75	80	2	0,83
	25,0	4,8	105	214	MKF5/MU63	40	4	0,86
	25,0	4,8	113	428	MKF10/MU90	40	4	1,27
25,0	4,8	114	445	MKF10/MU110	40	4	1,99	

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO TYPE TYP	<b>i</b>	Poli poles <i>polig</i>	<b>sf</b>
<b>0,55</b> <b>0,75</b>	26,4	4,8	116	267	MKF10/MU75	25	6	0,99
	26,4	4,8	120	277	MKF10/MU90	25	6	1,63
	26,4	4,8	122	281	MKF10/MU110	25	6	2,71
	28,6	5,4	78	236	MKF5/MU75	70	2	1,01
	33,0	6,0	96	222	MKF10/MU75	20	6	1,30
	33,0	6,0	100	231	MKF10/MU90	20	6	2,25
	33,0	6,0	101	233	MKF10/MU110	20	6	3,71
	33,3	6,3	71	220	MKF5/MU75	60	2	1,16
	33,3	6,3	80	169	MKF5/MU63	30	4	1,18
	33,3	6,3	85	332	MKF10/MU75	30	4	0,90
	33,3	6,3	91	339	MKF10/MU90	30	4	1,74
	33,3	6,3	91	343	MKF10/MU110	30	4	2,52
	40,0	7,6	64	188	MKF5/MU63	50	2	0,92
	40,0	7,6	81	151	MKF5/MU63	25	4	1,09
	40,0	7,6	76	290	MKF10/MU75	25	4	0,91
	40,0	7,6	79	297	MKF10/MU90	25	4	1,52
	40,0	7,6	81	305	MKF10/MU110	25	4	2,50
	44,0	8,0	75	174	MKF10/MU75	15	6	1,67
	44,0	8,0	76	176	MKF10/MU90	15	6	2,78
	44,0	8,0	78	181	MKF10/MU110	15	6	4,39
	50,0	9,5	56	161	MKF5/MU63	40	2	1,15
	50,0	9,5	65	125	MKF5/MU63	20	4	1,42
	50,0	9,5	64	239	MKF10/MU75	20	4	1,21
	50,0	9,5	66	244	MKF10/MU90	20	4	2,13
	50,0	9,5	67	250	MKF10/MU110	20	4	3,46
	66,0	12,0	53	123	MKF10/MU75	10	6	2,36
	66,0	12,0	53	123	MKF10/MU90	10	6	3,70
	66,0	12,0	55	126	MKF10/MU110	10	6	6,01
	66,7	12,7	43	127	MKF5/MU63	30	2	1,57
	66,7	12,7	47	97	MKF5/MU63	15	4	1,97
	66,7	12,7	49	182	MKF10/MU63	15	4	1,05
	66,7	12,7	50	185	MKF10/MU75	15	4	1,57
	66,7	12,7	50	189	MKF10/MU90	15	4	2,59
	66,7	12,7	52	192	MKF10/MU110	15	4	4,14
	80,0	15,2	43	113	MKF5/MU63	25	2	1,46
	88,0	16,0	41	95	MKF10/MU75	7,5	6	3,06
	88,0	16,0	41	95	MKF10/MU90	7,5	6	4,93
	88,0	16,0	42	97	MKF10/MU110	7,5	6	7,51
	100,0	19,0	31	97	MKF5/MU50	20	2	1,08
	100,0	19,0	35	94	MKF5/MU63	20	2	1,89
	100,0	19,0	36	68	MKF5/MU63	10	4	2,70
	100,0	19,0	38	128	MKF10/MU63	10	4	1,44
100,0	19,0	35	129	MKF10/MU75	10	4	2,24	
100,0	19,0	35	132	MKF10/MU90	10	4	3,46	
133,3	25,3	25	74	MKF5/MU50	15	2	1,42	
133,3	25,3	25	73	MKF5/MU63	15	2	2,63	
133,3	25,3	28	52	MKF5/MU63	7,5	4	3,50	
133,3	25,3	29	98	MKF10/MU63	7,5	4	1,87	
133,3	25,3	27	99	MKF10/MU75	7,5	4	2,94	
133,3	25,3	28	100	MKF10/MU110	7,5	4	7,27	
200,0	38,0	18	51	MKF5/MU50	10	2	1,86	
200,0	38,0	19	51	MKF5/MU63	10	2	3,61	
200,0	38,0	18	35	MKF5/MU63	5	4	4,86	
200,0	38,0	18	66	MKF10/MU63	5	4	2,59	
266,7	50,7	14	39	MKF5/MU50	7,5	2	2,44	
266,7	50,7	15	39	MKF5/MU63	7,5	2	4,67	
400,0	76,0	9	26	MKF5/MU50	5	2	3,67	
400,0	76,0	9	26	MKF5/MU63	5	2	6,48	



$kW_1$ $HP_1$	max $n_2$ min <sup>-1</sup>	min $n_2$ min <sup>-1</sup>	min $M_2$ Nm	max $M_2$ Nm	TIPO TYPE TYP	i	Poli poles polig	sf
0,75 1	12,5	2,4	247	758	MKF10/MU110	80	4	0,85
	13,2	2,4	274	936	MKF20/MU110	50	6	0,82
	14,3	2,7	228	665	MKF10/MU110	70	4	1,03
	16,5	3,0	233	794	MKF20/MU110	40	6	1,11
	16,7	3,2	206	615	MKF10/MU110	60	4	1,16
	20,0	3,8	177	512	MKF10/MU90	50	4	0,89
	20,0	3,8	181	533	MKF10/MU110	50	4	1,45
	22,0	4,0	187	638	MKF20/MU90	30	6	0,92
	22,0	4,0	186	635	MKF20/MU110	30	6	1,36
	25,0	4,8	109	264	MKF5/MU75	80	2	0,83
	25,0	4,8	152	428	MKF10/MU90	40	4	1,27
	25,0	4,8	154	445	MKF10/MU110	40	4	1,99
	26,4	4,8	162	554	MKF20/MU90	25	6	0,81
	26,4	4,8	165	563	MKF20/MU110	25	6	1,35
	28,6	5,4	99	236	MKF5/MU75	70	2	1,01
	33,0	6,0	136	463	MKF20/MU90	20	6	1,12
	33,0	6,0	136	466	MKF20/MU110	20	6	1,85
	33,3	6,3	90	220	MKF5/MU75	60	2	1,16
	33,3	6,3	115	332	MKF10/MU75	30	4	0,90
	33,3	6,3	123	339	MKF10/MU90	30	4	1,74
	33,3	6,3	123	343	MKF10/MU110	30	4	2,52
	40,0	7,6	82	188	MKF5/MU63	50	2	0,92
	40,0	7,6	103	290	MKF10/MU75	25	4	0,91
	40,0	7,6	107	297	MKF10/MU90	25	4	1,52
	40,0	7,6	109	305	MKF10/MU110	25	4	2,50
	44,0	8,0	103	352	MKF20/MU90	15	6	1,39
	44,0	8,0	106	362	MKF20/MU110	15	6	2,19
	50,0	9,5	71	161	MKF5/MU63	40	2	1,15
	50,0	9,5	86	239	MKF10/MU75	20	4	1,21
	50,0	9,5	89	244	MKF10/MU90	20	4	2,13
	50,0	9,5	90	250	MKF10/MU110	20	4	3,46
	66,0	12,0	72	246	MKF20/MU90	10	6	1,85
	66,0	12,0	74	253	MKF20/MU110	10	6	3,00
	66,7	12,7	54	127	MKF5/MU63	30	2	1,57
	66,7	12,7	67	185	MKF10/MU75	15	4	1,57
	66,7	12,7	68	189	MKF10/MU90	15	4	2,59
	66,7	12,7	70	192	MKF10/MU110	15	4	4,14
	80,0	15,2	55	113	MKF5/MU63	25	2	1,46
	88,0	16,0	56	191	MKF20/MU90	7,5	6	2,46
	88,0	16,0	57	194	MKF20/MU110	7,5	6	3,76
	100,0	19,0	40	97	MKF5/MU50	20	2	1,08
	100,0	19,0	44	94	MKF5/MU63	20	2	1,89
100,0	19,0	48	129	MKF10/MU75	10	4	2,24	
100,0	19,0	48	132	MKF10/MU90	10	4	3,46	
133,3	25,3	32	74	MKF5/MU50	15	2	1,42	
133,3	25,3	32	73	MKF5/MU63	15	2	2,63	
133,3	25,3	37	99	MKF10/MU75	7,5	4	2,94	
133,3	25,3	37	100	MKF10/MU110	7,5	4	7,27	
200,0	38,0	22	51	MKF5/MU50	10	2	1,86	
200,0	38,0	24	51	MKF5/MU63	10	2	3,61	
266,7	50,7	17	39	MKF5/MU50	7,5	2	2,44	
266,7	50,7	19	39	MKF5/MU63	7,5	2	4,67	
400,0	76,0	12	26	MKF5/MU50	5	2	3,67	
400,0	76,0	12	26	MKF5/MU63	5	2	6,48	

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO TYPE TYP	<b>i</b>	Poli poles <i>polig</i>	<b>sf</b>
<b>1,1</b> <b>1,5</b>	13,2	2,4	406	936	MKF20/MU110	50	6	0,82
	16,5	3,0	344	794	MKF20/MU110	40	6	1,11
	22,0	4,0	277	638	MKF20/MU90	30	6	0,92
	22,0	4,0	275	635	MKF20/MU110	30	6	1,36
	25,0	4,8	185	642	MKF10/MU110	80	2	1,00
	25,0	4,8	228	890	MKF20/MU110	40	4	0,99
	26,4	4,8	240	554	MKF20/MU90	25	6	0,81
	26,4	4,8	244	563	MKF20/MU110	25	6	1,35
	28,6	5,4	154	471	MKF10/MU90	70	2	0,85
	28,6	5,4	170	589	MKF10/MU110	70	2	1,16
	33,0	6,0	200	463	MKF20/MU90	20	6	1,12
	33,0	6,0	202	466	MKF20/MU110	20	6	1,85
	33,3	6,3	140	440	MKF10/MU90	60	2	0,97
	33,3	6,3	154	519	MKF10/MU110	60	2	1,37
	33,3	6,3	182	686	MKF20/MU110	30	4	1,26
	40,0	7,6	124	385	MKF10/MU90	50	2	1,19
	40,0	7,6	135	451	MKF10/MU110	50	2	1,71
	40,0	7,6	161	610	MKF20/MU110	25	4	1,2
	44,0	8,0	152	352	MKF20/MU90	15	6	1,39
	44,0	8,0	157	362	MKF20/MU110	15	6	2,19
	50,0	9,5	107	326	MKF10/MU75	40	2	0,92
	50,0	9,5	107	326	MKF10/MU90	40	2	1,66
	50,0	9,5	115	375	MKF10/MU110	40	2	2,36
	50,0	9,5	133	499	MKF20/MU110	20	4	1,73
	66,0	12,0	107	246	MKF20/MU90	10	6	1,85
	66,0	12,0	109	253	MKF20/MU110	10	6	3,00
	66,7	12,7	86	265	MKF10/MU75	30	2	1,13
	66,7	12,7	86	265	MKF10/MU90	30	2	2,22
	66,7	12,7	92	285	MKF10/MU110	30	2	3,03
	66,7	12,7	104	384	MKF20/MU110	15	4	2,07
	80,0	15,2	77	232	MKF10/MU75	25	2	1,14
	80,0	15,2	77	232	MKF10/MU90	25	2	1,94
	80,0	15,2	81	253	MKF10/MU110	25	2	3,01
	88,0	16,0	83	191	MKF20/MU90	7,5	6	2,46
88,0	16,0	84	194	MKF20/MU110	7,5	6	3,76	
100,0	19,0	64	192	MKF10/MU75	20	2	1,51	
100,0	19,0	64	192	MKF10/MU90	20	2	2,72	
100,0	19,0	67	204	MKF10/MU110	20	2	4,22	
100,0	19,0	72	265	MKF20/MU110	10	4	2,87	
133,3	25,3	50	148	MKF10/MU75	15	2	1,96	
133,3	25,3	50	148	MKF10/MU90	15	2	3,32	
133,3	25,3	52	155	MKF10/MU110	15	2	5,11	
133,3	25,3	55	200	MKF20/MU110	7,5	4	3,63	
200,0	38,0	36	103	MKF10/MU75	10	2	2,80	
200,0	38,0	36	103	MKF10/MU90	10	2	4,41	
200,0	38,0	37	107	MKF10/MU110	10	2	7,10	
266,7	50,7	27	79	MKF10/MU75	7,5	2	3,67	
266,7	50,7	27	79	MKF10/MU90	7,5	2	5,95	
266,7	50,7	28	85	MKF10/MU110	7,5	2	8,59	

<b>kW<sub>1</sub></b> <b>HP<sub>1</sub></b>	<b>max</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>n<sub>2</sub></b> <b>min<sup>-1</sup></b>	<b>min</b> <b>M<sub>2</sub></b> <b>Nm</b>	<b>max</b> <b>M<sub>2</sub></b> <b>Nm</b>	TIPO TYPE TYP	<b>i</b>	Poli poles polig	<b>sf</b>
<b>1,5</b> <b>2</b>	22,0	4,0	360	1059	MKF30/MU110	30	6	0,82
	25,0	4,8	305	890	MKF20/MU110	40	4	0,99
	26,4	4,8	319	938	MKF30/MU110	25	6	0,81
	33,0	6,0	264	776	MKF30/MU110	20	6	1,11
	33,3	6,3	245	678	MKF20/MU90	30	4	0,87
	33,3	6,3	244	686	MKF20/MU110	30	4	1,26
	40,0	7,6	181	451	MKF10/MU110	50	2	1,71
	40,0	7,6	181	939	MKF20/MU110	50	2	0,82
	40,0	7,6	216	610	MKF20/MU110	25	4	1,25
	44,0	8,0	205	603	MKF30/MU110	15	6	1,32
	50,0	9,5	142	326	MKF10/MU75	40	2	0,92
	50,0	9,5	142	326	MKF10/MU90	40	2	1,66
	50,0	9,5	154	375	MKF10/MU110	40	2	2,36
	50,0	9,5	142	679	MKF20/MU90	40	2	0,80
	50,0	9,5	154	781	MKF20/MU110	40	2	1,13
	50,0	9,5	177	488	MKF20/MU90	20	4	1,07
	50,0	9,5	178	499	MKF20/MU110	20	4	1,73
	66,0	12,0	143	421	MKF30/MU110	10	6	1,80
	66,7	12,7	115	265	MKF10/MU75	30	2	1,13
	66,7	12,7	115	265	MKF10/MU90	30	2	2,22
	66,7	12,7	123	285	MKF10/MU110	30	2	3,03
	66,7	12,7	115	553	MKF20/MU90	30	2	1,06
	66,7	12,7	123	594	MKF20/MU110	30	2	1,46
	66,7	12,7	135	379	MKF20/MU90	15	4	1,29
	66,7	12,7	139	384	MKF20/MU110	15	4	2,07
	80,0	15,2	103	232	MKF10/MU75	25	2	1,14
	80,0	15,2	103	232	MKF10/MU90	25	2	1,94
	80,0	15,2	109	253	MKF10/MU110	25	2	3,01
	80,0	15,2	103	484	MKF20/MU90	25	2	0,93
	80,0	15,2	109	526	MKF20/MU110	25	2	1,45
	88,0	16,0	110	323	MKF30/MU110	7,5	6	2,25
	100,0	19,0	86	192	MKF10/MU75	20	2	1,51
	100,0	19,0	86	192	MKF10/MU90	20	2	2,72
	100,0	19,0	90	204	MKF10/MU110	20	2	4,22
	100,0	19,0	86	399	MKF20/MU90	20	2	1,30
	100,0	19,0	90	426	MKF20/MU110	20	2	2,03
	100,0	19,0	94	263	MKF20/MU90	10	4	1,73
	100,0	19,0	97	265	MKF20/MU110	10	4	2,87
	133,3	25,3	67	148	MKF10/MU75	15	2	1,96
	133,3	25,3	67	148	MKF10/MU90	15	2	3,32
133,3	25,3	70	155	MKF10/MU110	15	2	5,11	
133,3	25,3	67	308	MKF20/MU90	15	2	1,59	
133,3	25,3	70	324	MKF20/MU110	15	2	2,45	
133,3	25,3	73	202	MKF20/MU90	7,5	4	2,33	
133,3	25,3	74	200	MKF20/MU110	7,5	4	3,63	
200,0	38,0	48	103	MKF10/MU75	10	2	2,80	
200,0	38,0	48	103	MKF10/MU90	10	2	4,41	
200,0	38,0	49	107	MKF10/MU110	10	2	7,10	
200,0	38,0	48	216	MKF20/MU90	10	2	2,12	
200,0	38,0	49	223	MKF20/MU110	10	2	3,41	
266,7	50,7	37	79	MKF10/MU75	7,5	2	3,67	
266,7	50,7	37	79	MKF10/MU90	7,5	2	5,95	
266,7	50,7	37	85	MKF10/MU110	7,5	2	8,59	
266,7	50,7	37	164	MKF20/MU90	7,5	2	2,86	
266,7	50,7	37	176	MKF20/MU110	7,5	2	4,12	

$kW_1$ $HP_1$	max $n_2$ $min^{-1}$	min $n_2$ $min^{-1}$	min $M_2$ Nm	max $M_2$ Nm	TIPO TYPE TYP	i	Poli poles <i>polig</i>	sf
1,8	22,0	4,0	572	1059	MKF30/MU110	30	6	0,82
	25,0	4,8	365	890	MKF20/MU110	40	4	0,99
2,5	26,4	4,8	506	938	MKF30/MU110	25	6	0,81
	33,0	6,0	419	776	MKF30/MU110	20	6	1,11
	33,0	6,0	341	1117	MKF50/MU110	20	6	0,77
	33,3	6,3	292	686	MKF20/MU110	30	4	1,26
	40,0	7,6	259	610	MKF20/MU110	25	4	1,25
	44,0	8,0	326	603	MKF30/MU110	15	6	1,32
	44,0	8,0	265	868	MKF50/MU110	15	6	0,91
	50,0	9,5	214	499	MKF20/MU110	20	4	1,73
	66,0	12,0	227	421	MKF30/MU110	10	6	1,80
	66,0	12,0	185	606	MKF50/MU110	10	6	1,25
	66,7	12,7	166	384	MKF20/MU110	15	4	2,07
	88,0	16,0	174	323	MKF30/MU110	7,5	6	2,25
	88,0	16,0	142	464	MKF50/MU110	7,5	6	1,57
100,0	19,0	116	265	MKF20/MU110	10	4	2,87	
133,3	25,3	89	200	MKF20/MU110	7,5	4	3,63	

$kW_1$ $HP_1$	max $n_2$ $min^{-1}$	min $n_2$ $min^{-1}$	min $M_2$ Nm	max $M_2$ Nm	TIPO TYPE TYP	i	Poli poles <i>polig</i>	sf
2,2	44,0	8,0	314	868	MKF50/MU110	15	6	0,91
	50,0	9,5	264	832	MKF30/MU110	20	4	1,04
3	66,0	12,0	219	606	MKF50/MU110	10	6	1,25
	66,7	12,7	205	640	MKF30/MU110	15	4	1,24
	88,0	16,0	168	464	MKF50/MU110	7,5	6	1,57
	100,0	19,0	143	442	MKF30/MU110	10	4	1,72
	133,3	25,3	110	333	MKF30/MU110	7,5	4	2,18

$kW_1$ $HP_1$	max $n_2$ $min^{-1}$	min $n_2$ $min^{-1}$	min $M_2$ Nm	max $M_2$ Nm	TIPO TYPE TYP	i	Poli poles <i>polig</i>	sf
3	50,0	9,5	357	832	MKF30/MU110	20	4	1,04
	66,7	12,7	277	640	MKF30/MU110	15	4	1,24
4	66,7	12,7	277	921	MKF50/MU110	15	4	0,86
	100,0	19,0	194	442	MKF30/MU110	10	4	1,72
	100,0	19,0	194	636	MKF50/MU110	10	4	1,19
	133,3	25,3	148	333	MKF30/MU110	7,5	4	2,18
	133,3	25,3	148	480	MKF50/MU110	7,5	4	1,51

$kW_1$ $HP_1$	max $n_2$ $min^{-1}$	min $n_2$ $min^{-1}$	min $M_2$ Nm	max $M_2$ Nm	TIPO TYPE TYP	i	Poli poles <i>polig</i>	sf
4	66,7	12,7	374	921	MKF50/MU110	15	4	0,86
	100,0	19,0	261	636	MKF50/MU110	10	4	1,19
5,5	133,3	25,3	200	480	MKF50/MU110	7,5	4	1,51

## ACCESSORI

## ACCESSORIES

## ZUBEHÖRE

### INDICATORE GRAVITAZIONALE

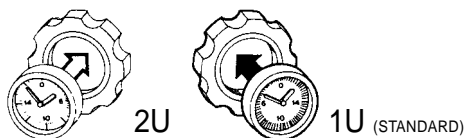
È un accessorio che va inserito a pressione al centro del volantino di comando e indica il numero dei giri effettuati dal volantino stesso. Non è utilizzabile quando l'asse della vite di comando è verticale.

### GRAVITATIONAL INDICATOR

**This accessory can be placed at the centre of the handwheel replacing the plastic disc and indicates the actual number of turns of the handwheel applied. It cannot be used if the lead screw is in a vertical position.**

### SCHWERKRAFTANZEIGE

*Dies ist ein Zubehör, das bei Entfernung der Deckel in das Kunststoffrad eingedrückt wird und die Umdrehungen des Handrades selbst anzeigt. Bei senkrechter Stellung des Handrades bzw. der Verstellspindel ist es nicht anwendbar.*



### SERVOCOMANDO A DISTANZA

Questo dispositivo è necessario per poter effettuare la regolazione della velocità del variatore a distanza. È costituito da un motoriduttore che trasmette il movimento alla vite di comando. Una frizione pretarata consente di evitare danni al sistema quando intervengono i fine corsa.

### REMOTE CONTROL

**This accessory is required to enable control of speed variation to take place at a distance. It consists of a motorized gearbox that drives the lead screw. A calibrated clutch is inserted into the mechanism to prevent damage to system when end runs intervene.**

### FERNBEDIENUNG

*Diese Zusatzvorrichtung, die aus einem Getriebemotor besteht, wird zusätzlich an den Verstelltriebmotoren angebracht, um die Drehzahl aus der Entfernung elektrisch zu regeln. Der Getriebemotor überträgt die gewünschte rechte oder linke Drehbewegung an die Verstellspindel. Eine Rutschkupplung verhindert dabei Schaden an der Verstelleinheit beim Anschlag der Gewindespindel.*

### IMPORTANTE

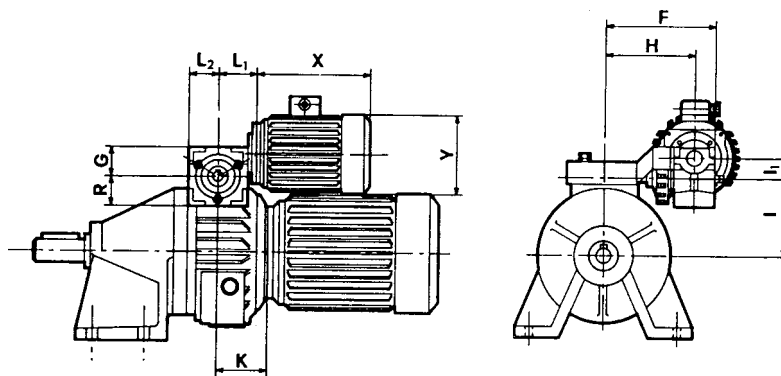
Non azionare mai il servocomando a variatore fermo.

### IMPORTANT

**Remote control can only be inserted when variator is running.**

### ACHTUNG

*Eine Drehzahlregelung darf nie im Stillstand erfolgen.*



MK	F	G	H	K	I	I <sub>1</sub>	L <sub>1</sub>	L <sub>2</sub>	R	X	Y
2	156	55	127,5	49	88	30	53	42,5	35	183	110
5	156	55	127,5	55	88	30	53	42,5	35	183	110
10	167	55	138,5	72	106	30	53	42,5	35	183	110
20	182	55	153,5	70	125	30	53	42,5	35	183	110
30/50	207	55	178,5	87	149	30	57	42,5	35	183	110
100	290	70	249	110	210	40	63	59	59	211	140

## INDICATORE DI POSIZIONE

E' composto da una scatola contenente un potenziometro azionato direttamente (tramite un sistema di demoltiplicazione) dalla vite di comando. Sullo strumento digitale di lettura si avrà una indicazione della posizione della regolazione corrispondente ad una determinata velocità.

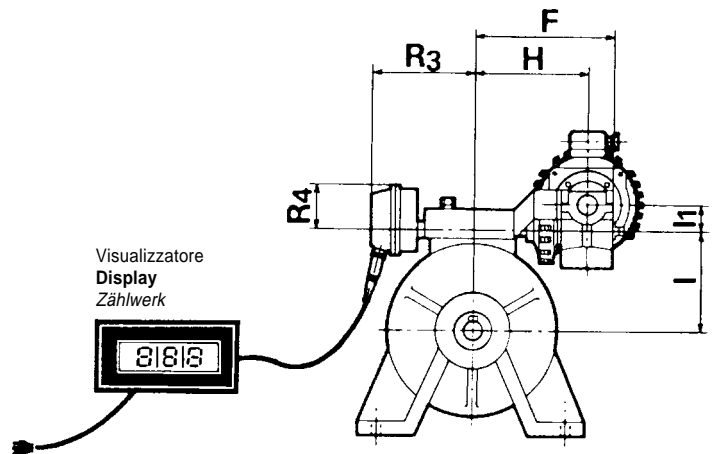
## POSITION INDICATOR

This consists of a box containing a potentiometer, driven directly (by a demultiplying system) by the lead screw. An indication of the regulation position corresponding to a given speed is given on the digital instrument box.

## POSITIONIERANZEIGEGERÄT

Es besteht aus einem Schaltkasten, in dem ein Potentiometer untergebracht ist, das direkt mittels eines Untersetzungs-systems an die Verstellspindel angeschlossen wird. Von dem digitalen Ablesegerät, in dem eine Skala angebracht ist, kann die Positionierung abgelesen werden, die letztlich einer bestimmten Drehzahl entspricht.

MK	F	H	I	I <sub>1</sub>	R <sub>3</sub>	R <sub>4</sub>
2	156	127,5	88	30	117	52,5
5	156	127,5	88	30	117	52,5
10	167	138,5	106	30	127	52,5
20	182	153,5	125	30	140	52,5
30/50	207	178,5	149	30	138	52,5
100	290	249	210	40	163	52,5



### Taratura del visualizzatore

Collegare il dispositivo al potenziometro e, dopo averlo alimentato, agire sulle regolazioni "MIN" e "MAX" per impostare il valore minimo e massimo del campo di variazione desiderato.

Il dispositivo consente di visualizzare:

- Giri del variatore
- Velocità di un nastro
- Conteggio di oggetti che transitano alle varie velocità
- Valore percentuale, ecc.

Alimentazione: 110-220 VAC (24 V a richiesta).

### Display setting

Connect the device to the potentiometer, energize it and then set maximum and minimum values for the desired variation range by using the "MAX" and "MIN" controls.

The display makes it possible to view:

- Revolutions of the speed-changer
- Belt speed
- Count of objects passing by at different speeds
- Percentage value, etc.

Power supply: 110-220 VAC (24 V on request).

### Eichen des zählwerks

Das Zählwerk wird an das Potentiometer und danach an das Netz angeschlossen. Für die Einstellung des maximalen und minimalen Bereichs ist die dazugehörige Einrichtung zu betätigen, bis die gewünschte Einstellung erfolgt ist.

Vom Zählwerk können folgende Werte abgelesen werden:

- Drehzahl des Verstellgetriebes
  - Bandgeschwindigkeit
  - Stückzahl der zu befördernden Teil bei unterschiedlichen Geschwindigkeit
  - Allgemeine prozentuale Angaben, usw.
- Speisung: 110-220 VAC (24 V auf Anfrage).

## INDICATORE DI VELOCITA'

E' un accessorio che può essere applicato esclusivamente sui variatori in versione PAM e sui gruppi con differenziale. Un sensore di prossimità A consente di rilevare gli impulsi che l'indicatore digitale visualizza sotto forma del numero di giri in uscita del variatore.

Nei casi in cui è posta una riduzione a valle del variatore (MK.../1 - MK.../2) per ottenere la visualizzazione della velocità finale, si dovrà impostare nel divisore (posto sul retro del dispositivo) il valore risultante dalla seguente espressione:

$$D = 12 \cdot i$$

dove:

D = è il valore da impostare.

i = è il rapporto di trasmissione posto a valle del variatore.

E' ovvio che nel riduttore base (MK) non essendovi ulteriori riduzioni il valore di D è 12.

## SPEED INDICATOR

**This is an accessory that can only be applied to PAM variators and variators fitted with zero systems. A proximity switch allows pulses to be picked up and transmitted to a digital read out box which will indicate the actual output speed of the variator.**

**To obtain the output speed of a variator attached to a helical gear a figure deriving from the following equation should be set on the index head (placed at back of the accessory):**

$$D = 12 \cdot i$$

where:

D = is the figure to be set.

i = is the transmission ratio applied to the variator.

**Obviously where no further speed reductions exist on the variator (MK) D will = 12.**

## DREHZAHLANZEIGE

*Dies ist ein Zusatzgerät, das ausschließlich an Verstelltriebemotoren in der Ausführung PAM und an Verstelltriebemotoren mit Differentialstufe angeschlossen wird. Ein berührungsloser Impulsgeber A sorgt dafür, dass die Abtriebsdrehzahl an einem digitalen Anzeigergerät abgelesen werden kann. Sind dem Verstelltriebemotoren eine oder mehrere Stufen nachgeschaltet (MK.../1, MK.../2), so muss in der Teilskala (auf der Rückseite des Geräts) der aus folgender Gleichung resultierende Wert eingestellt werden.*

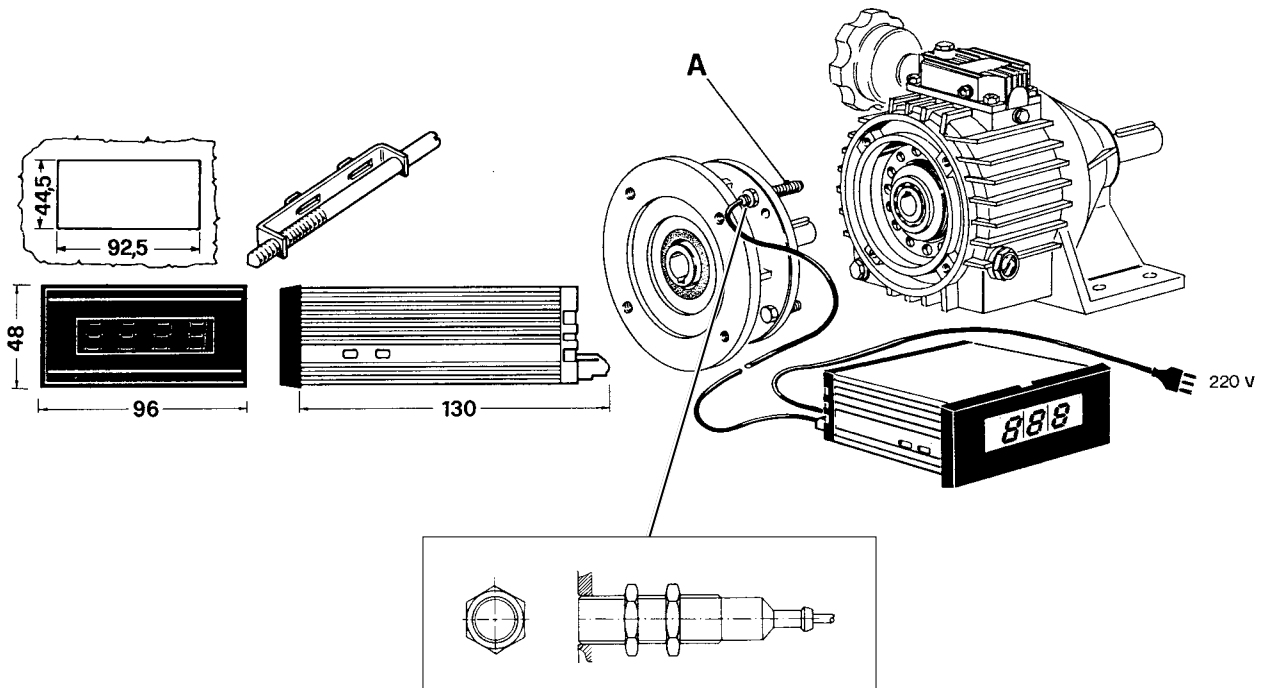
$$D = 12 \cdot i$$

dabei gilt:

D = ist ein einstellbaren Wert.

i = ist das Übersetzungsverhältnis des nachgeschalteten Getriebes.

*Es ist selbstverständlich, daß das MK-Standard-Verstellgetriebe keine Zahnrad-Untersetzen hat, so daß der Wert D = 12 ist.*



L'interruttore di prossimità induttivo in corrente continua (A) è alimentato direttamente dall'indicatore di velocità tipo NAMUR, M10.

**Direct current inductive proximity switch (A) is powered directly by speed indicator NAMUR, M10.**

*Induktiver Gleichstrom-Näherungsschalter (A) mit Direktspeisung durch das Zählwerk Typ NAMUR, M10.*

## PARTI DI RICAMBIO

Per consultare il catalogo ricambi rivolgersi all'Ufficio Tecnico della SITI S.p.a. e richiedere la documentazione cartacea o il CD-ROM interattivo.

## SPARE PARTS

To consult the spare parts catalogue, contact the SITI S.p.a. engineering office and request a hard copy of the documentation or the interactive CD-ROM.

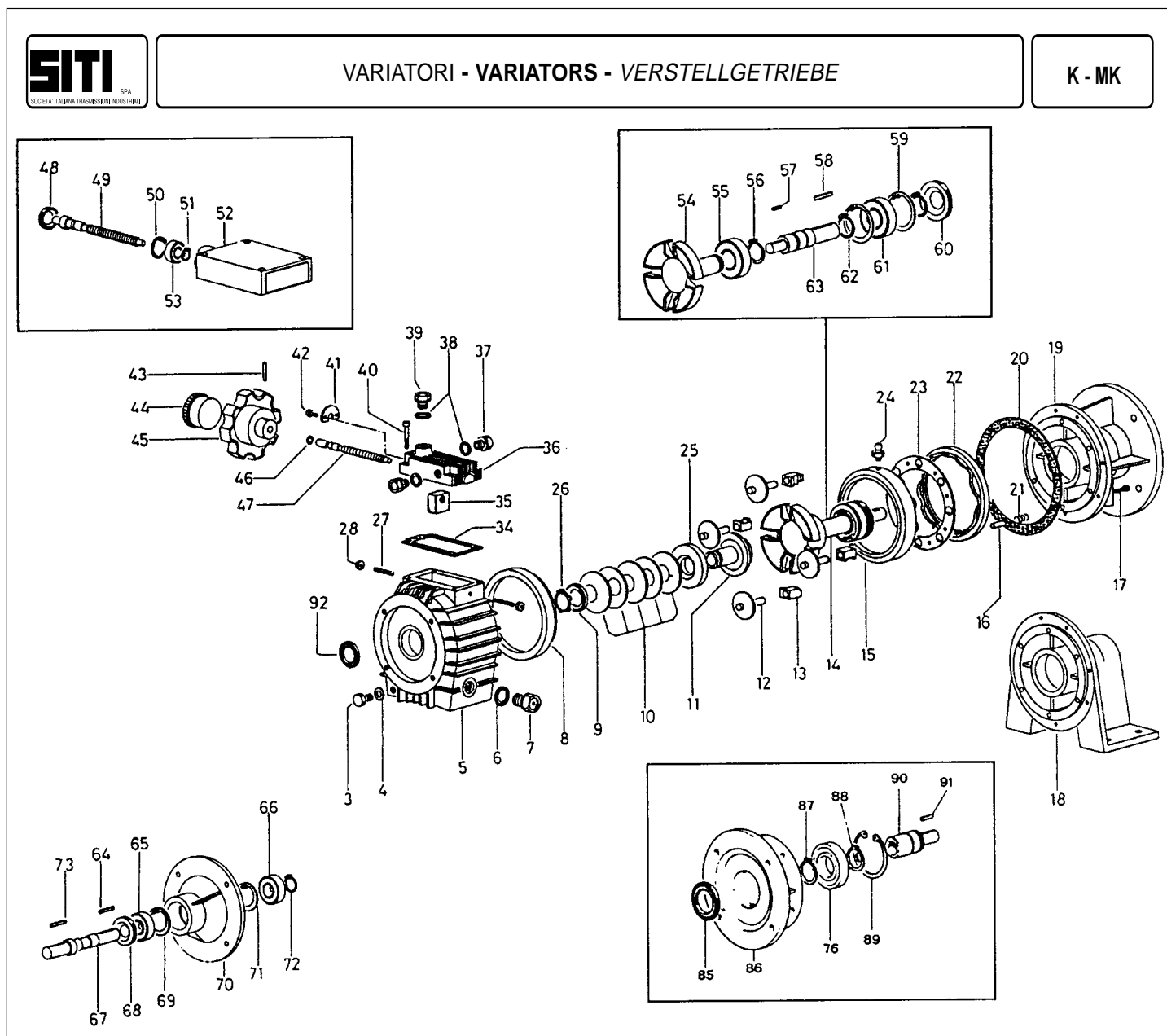
## ERSATZTEILE

Für den Ersatzteilkatalog wenden Sie sich bitte an die Technische Abteilung der SITI S.p.a.; dort erhalten Sie die Dokumentation auf Papier oder die interaktive CD-ROM.

### PARTI DI RICAMBIO DEL VARIATORE

### VARIATORS SPARE PARTS

### ERSATZTEILE DES VERSTELLGETRIEBES





## LISTA PARTI DI RICAMBIO

POS.	DESCRIZIONE
3	Tappo scarico olio
4	Rondella tappo scarico olio
5	Carcassa
6	Guarnizione tappo (spia) livello olio
7	Tappo (spia) livello olio
8	Pista planetaria esterna fissa
9	Boccola di ritegno molle a tazza
10	Molle a tazza
11	Pista planetaria interna fissa
12	Satellite
13	Boccola portasatellite
14	Gruppo portasatellite
15	Pista planetaria esterna mobile
16	Spina di riferimento
17	Vite di fissaggio
18	Piedi (Serie MK.../K...)
19	Flangia base (Serie MKF.../KF...)
20	Guarnizione
21	Molla cilindrica
22	Pista di registro
23	Anello sfere
24	Snodo sferico
25	Pista planetaria interna mobile
26	Anello elastico (Seeger tipo K)
27	Grano di fermo regolazione
28	Dado bloccaggio grano di fermo regolazione
34	Guarnizione
35	Blocchetto di comando
36	Coperchio vite di comando
37	Tappo chiuso
38	Guarnizione
39	Tappo sfciato
40	Vite fissaggio coperchio vite di comando
41	Rondella ritegno vite di comando
42	Vite di fissaggio rondella ritegno vite di comando
43	Spina di fissaggio volantino di comando
44	Indicatore gravitazionale
45	Volantino di comando
46	Anello OR
47	Vite di comando
48	Anello di tenuta
49	Vite di comando
50	Anello elastico (Seeger)
51	Anello elastico (Seeger)
52	Coperchio vite di comando
53	Cuscinetto a sfere
54	Portasatelliti
55	Cuscinetto a sfere
56	Anello (Seeger)
57	Linguetta
58	Linguetta
59	Anello elastico (Seeger)
60	Anello di tenuta
61	Cuscinetto a sfere
62	Anello elastico (Seeger)
63	Albero uscita
64	Linguetta
65	Cuscinetto a sfere
66	Cuscinetto a sfere
67	Albero entrata (Serie K.../KF...)
68	Anello di tenuta
69	Anello elastico (Seeger)
70	Coperchio entrata (Serie K.../KF...)
71	Anello elastico (Seeger)
72	Anello elastico (Seeger)
73	Linguetta
76	Cuscinetto a sfere
85	Anello di tenuta
86	Coperchio entrata
87	Anello elastico (Seeger)
88	Anello elastico (Seeger)
89	Anello elastico
90	Albero entrata
91	Linguetta
92	Anello tenuta entrata

## SPARE PARTS LIST

DESCRIPTION
Oil drain plug
Washer
Casing
Oil level plug gasket
Oil level plug
Fixed external planetary track
Cup spring retaining washer
Cup springs
Inner track
Satellite
Spider bushes
Spider
Outer track
Stop dowel
Screw
Foot casing (Type MK.../K...)
Flange casing (Type MKF.../KF...)
Gasket
Coil spring
Outer track
Ball ring
Ball joint
Inner track
Snap ring (Seeger type K)
Adjustment stop dowel
Adjustment nut
Gasket
Control block
Lead screw cover
Closed plug
Gasket
Breather plug
Cover securing screw
Stop dowel washer
Securing screw
Control handwheel pin
Gravitational indicator
Control handwheel
OR ring
Lead screw
Oil seal
Lead screw
Snap ring
Snap ring
Lead screw cover
Ball bearing
Spider
Ball bearing
Snap ring
Key
Key
Snap ring
Oil seal
Ball bearing
Snap ring
Output shaft
Key
Ball bearing
Ball bearing
Input shaft (Type K.../KF...)
Oil seal
Snap ring
Input cover (Type K.../KF...)
Snap ring
Snap ring
Key
Ball bearing
Shaft seal
Input cover
Snap ring
Snap ring
Snap ring
Key
Ball bearing
Input shaft
Key
Input shaft seal

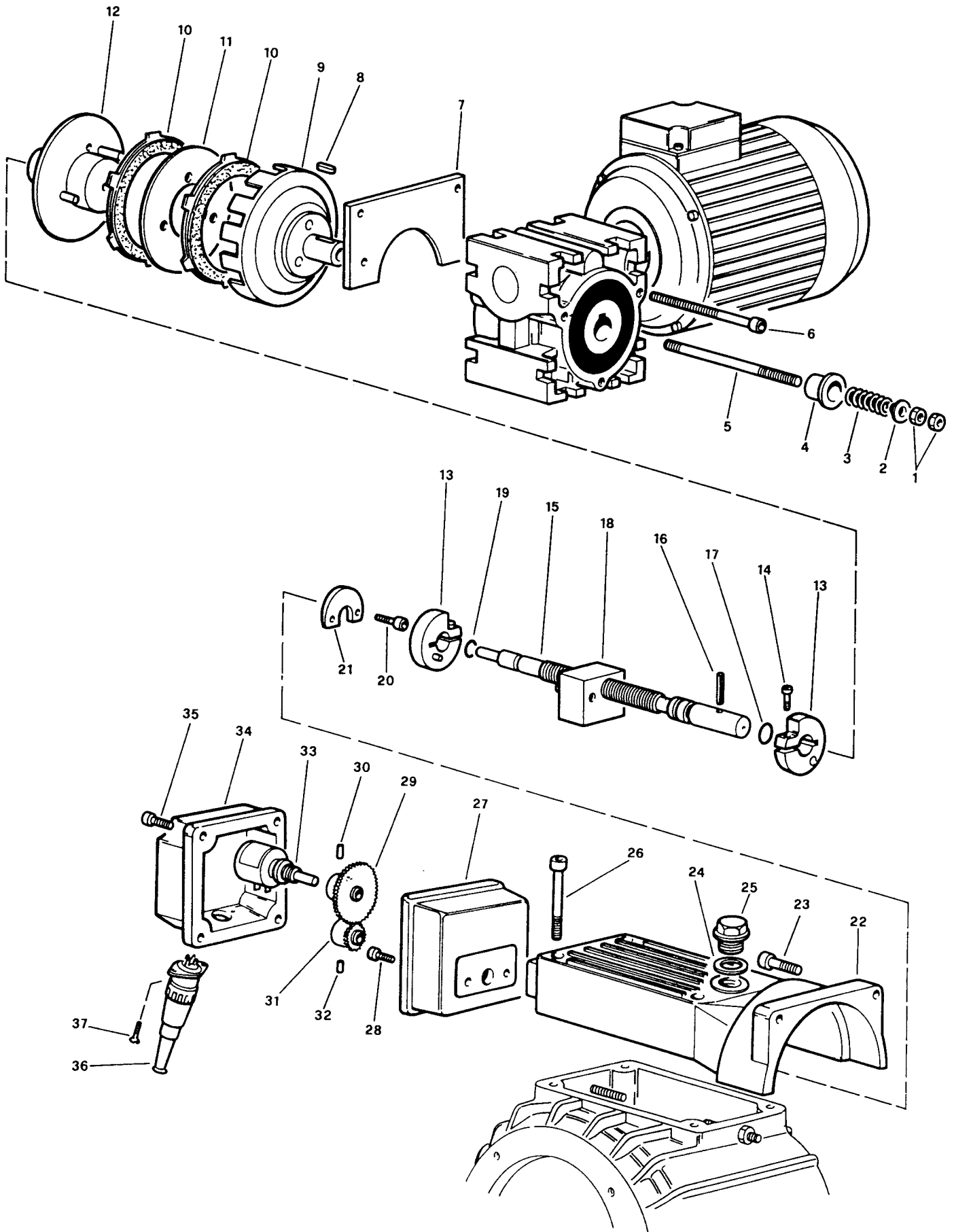
## ERSATZTEILLISTE

BESCHREIBUNG
Ölablaßschraube
Scheibe für Ölablaßschraube
Verstellgetriebegehäuse
Sichtschaubendichtung
Östandsichtschraube
Feststehender Außendruckring
Federklemmring
Tellerfedern
Feststehende innensonne
Planeten
Planetengleitsteine
Planetenträger
Beweglicher Außendruckring
Gewindestift
Befestigungsschrauben
Fußgehäuse
Flanschgehäuse
Dichtung
Zylindrische Schraubenfeder
Feststehender Einstellbaraußendruckring
Kugelkäfig
Kugelschraube
Bewegliche innensonne
Seegerring ("K" Typ)
Einstellstift
Stiftmutter
Dichtung
Verstellblock
Verstellregelungsdeckel
Geschlossene Ölschraube
Dichtung
Entlüftungsschraube
Deckelverbindungsschrauben
Verstellspindelscheibe
Schraube für Verstellspindelscheibe
Handradstift
Schwerkraftanzeige
Handrad
O Ring
Verstellspindel
Wellendichtring
Verstellspindel
Seegerring
Seegerring
Verstelldeckel
Kugellager
Planetenträger
Kugellager
Seegerring
Passfeder
Passfeder
Seegerring
Wellendichtring
Kugellager
Seegerring
Abtriebswelle
Passfeder
Kugellager
Kugellager
Eingangswelle
Wellendichtring
Seegerring
Eingangsdeckel
Seegerring
Seegerring
Passfeder
Kugellager
Wellendichtring
Deckel für Motoranbau
Seegerring
Seegerring
Seegerring
Passfeder
Kugellager
Wellendichtring
Deckel für Motoranbau
Seegerring
Seegerring
Seegerring
Passfeder
Eingangswelle
Passfeder
Eingangswellendichtring

NOTA  
Fino a MK 50 incluso.

NOTE  
Up to MK 50 included.

HINWEIS  
Bis MK 50 Eingeschlossen.



NOTA  
Solo per MK 100.

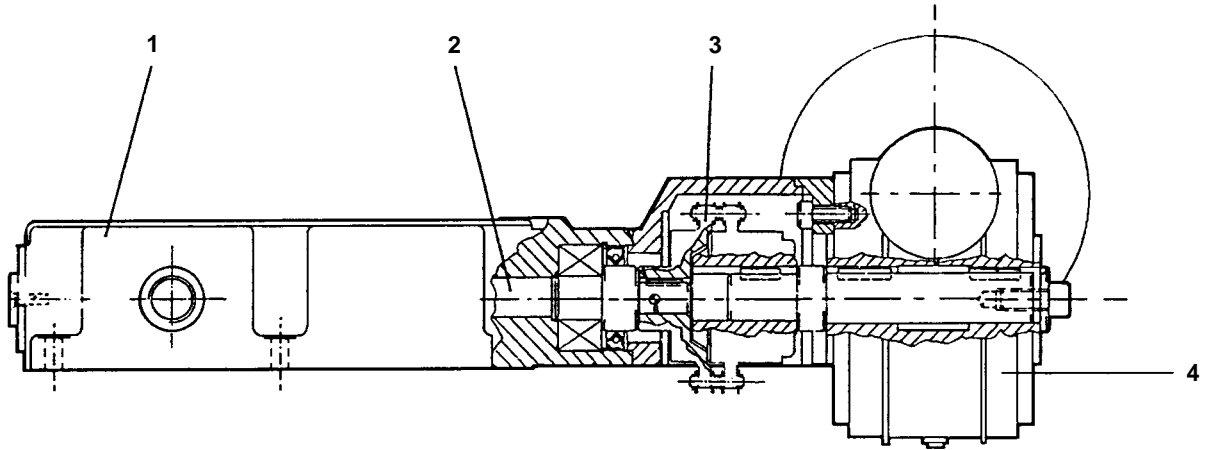
NOTE  
Only for MK 100.

HINWEIS  
Nur für MK 100.

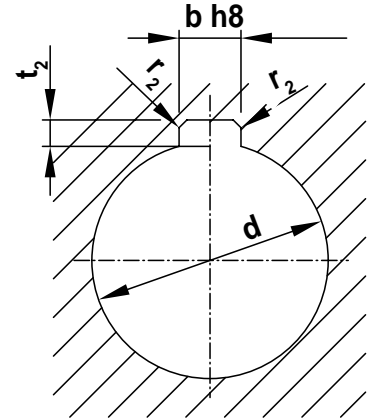
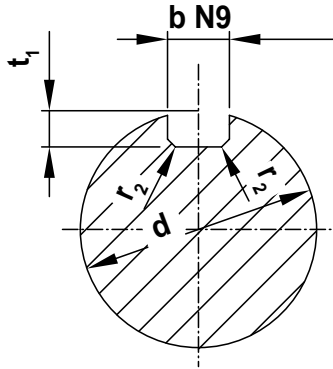
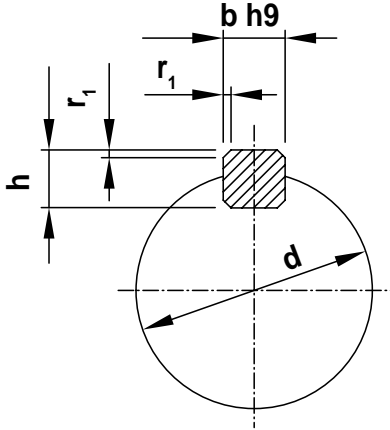
PARTI PRINCIPALI

MAIN PARTS

WICHTIGSTEN TEILE



1	Scatola vite di comando	Lead screw cover	Verstellregelungsdeckel
2	Vite di comando	Lead screw	Verstellspindel
3	Limitatore di coppia LS 50	Torque limiter LS 50	Drehmomentbegrenzer LS 50
4	Motoriduttore MI40 FP	Geared motor MI40 FP	Getriebemotor MI40 FP



d	DIN 6885				
	b x h	t <sub>1</sub>	t <sub>2</sub>	r <sub>1</sub>	r <sub>2</sub>
6 ÷ 8	2 x 2	1,2 <sup>+0,1</sup>	1 <sup>+0,1</sup>	0,2	0,2
8 ÷ 10	3 x 3	1,8 <sup>+0,1</sup>	1,4 <sup>+0,1</sup>	0,2	0,2
10 ÷ 12	4 x 4	2,5 <sup>+0,1</sup>	1,8 <sup>+0,1</sup>	0,2	0,2
12 ÷ 17	5 x 5	3,0 <sup>+0,1</sup>	2,3 <sup>+0,1</sup>	0,3	0,2
17 ÷ 22	6 x 6	3,5 <sup>+0,1</sup>	2,8 <sup>+0,1</sup>	0,3	0,2
22 ÷ 30	8 x 7	4,0 <sup>+0,2</sup>	3,3 <sup>+0,2</sup>	0,5	0,2
30 ÷ 38	10 x 8	5,0 <sup>+0,2</sup>	3,3 <sup>+0,2</sup>	0,5	0,3
38 ÷ 44	12 x 8	5,0 <sup>+0,2</sup>	3,3 <sup>+0,2</sup>	0,5	0,3
44 ÷ 50	14 x 9	5,5 <sup>+0,2</sup>	3,8 <sup>+0,2</sup>	0,5	0,3
50 ÷ 58	16 x 10	6,0 <sup>+0,2</sup>	4,3 <sup>+0,2</sup>	0,5	0,3
58 ÷ 65	18 x 11	7,0 <sup>+0,2</sup>	4,4 <sup>+0,2</sup>	0,5	0,3
65 ÷ 75	20 x 12	7,5 <sup>+0,2</sup>	4,9 <sup>+0,2</sup>	0,7	0,5
75 ÷ 85	22 x 14	9,0 <sup>+0,2</sup>	5,4 <sup>+0,2</sup>	0,7	0,5
85 ÷ 95	25 x 14	9,0 <sup>+0,2</sup>	5,4 <sup>+0,2</sup>	0,7	0,5
95 ÷ 110	28 x 16	10,0 <sup>+0,2</sup>	6,4 <sup>+0,2</sup>	0,7	0,5
110 ÷ 130	32 x 18	11,0 <sup>+0,3</sup>	7,4 <sup>+0,3</sup>	1,1	0,8
130 ÷ 150	36 x 20	12,0 <sup>+0,3</sup>	8,4 <sup>+0,3</sup>	1,1	0,8
150 ÷ 170	40 x 22	13,0 <sup>+0,3</sup>	9,4 <sup>+0,3</sup>	1,1	0,8
170 ÷ 200	45 x 25	15,0 <sup>+0,3</sup>	10,4 <sup>+0,3</sup>	1,1	0,8
200 ÷ 230	50 x 28	17,0 <sup>+0,3</sup>	11,4 <sup>+0,3</sup>	1,1	0,8
230 ÷ 260	56 x 32	20,0 <sup>+0,3</sup>	12,4 <sup>+0,3</sup>	1,8	1,4
260 ÷ 290	63 x 32	20,0 <sup>+0,3</sup>	12,4 <sup>+0,3</sup>	1,8	1,4

## CONDIZIONI GENERALI DI VENDITA

- 1) GARANZIA** - La ns. garanzia ha la durata di anni uno dalla data di fatturazione del prodotto. Essa è limitata esclusivamente alla riparazione o alla sostituzione gratuita dei pezzi da noi riconosciuti come difettosi ed il reclamo non potrà mai dar luogo all'annullamento od alla riduzione delle ordinazioni da parte del committente e tanto meno alla corresponsione di indennizzi di sorta da parte ns. Il materiale da riparare in garanzia o comunque soggetto ad anomalie, sarà da noi ritirato solo se ci perverrà in porto franco e sarà reso al cliente in porto assegnato. La ns. garanzia decade se i pezzi resi come difettosi sono stati comunque manomessi o riparati. **Per manomissione si intende anche l'applicazione del motore fuori dall'ambito e dalla sede della ns. Società.** La ns. garanzia non copre danni o difetti dovuti ad agenti esterni, deficienza di manutenzione, sovraccarico, lubrificante inadatto, scelta inesatta del tipo, errore di montaggio e danni derivanti in seguito a trasporto da parte del committente o trasportatore designato, essendo la spedizione sempre a spese e rischio del committente.
- 2) TRASPORTO** - Ad ogni effetto, anche di legge, la merce si ritiene accettata dal cliente (e consegnata) all'uscita dalla ns. sede o magazzini. Il trasporto della merce si intende sempre per contro, rischio e pericolo dell'acquirente anche se la merce è venduta franco destino e se il trasporto viene effettuato con mezzi della ditta venditrice e condotti da persona incaricata dalla medesima.
- 3) PREZZI** - La ns. Società si riserva di modificare in qualsiasi momento le proprie quotazioni (anche se confermate) se ciò si rendesse necessario in conseguenza a mutevoli condizioni di mercato o di produzione. Il listino prezzi si riferisce a merce franco ns. stabilimento, escluso imballo ed ogni eventuale altra spesa.
- 4) RECLAMI** - E' convenuto espressamente che eventuali reclami o contestazioni da farsi, a pena di nullità; sempre in forma scritta ed entro i termini di legge non danno comunque diritto all'acquirente di sospendere o ritardare i pagamenti. **Non si accettano addebiti per risarcimento di danni a cose e persone o ritardi di consegna.** Se entro 8 gg. Dal ricevimento della ns. conferma d'ordine non ci perverrà alcuna contestazione, la stessa si intenderà accettata in tutte le sue parti.
- 5) INTERESSI** - Resta espressamente convenuto che gli interessi verranno fissati ed accettati, in ogni sede di ritardato pagamento, secondo le condizioni medie di tasso applicato dagli Istituti Bancari alla Società venditrice in quel momento.
- 6) RISERVA DI PROPRIETA'** - La merce viene venduta con riserva di proprietà finché non sarà effettuato il pagamento dell'intero prezzo, di eventuali interessi e accessori. Il rilascio di cambiali ed eventuali loro rinnovi, anche parziali, non potranno considerarsi quale novazione né quale pagamento definitivo del prezzo, se non a buon fine delle stesse, né potranno comunque pregiudicare la riserva di proprietà.
- 7) FORO COMPETENTE** - Si accetta espressamente che qualsiasi controversia, comunque nascente o discendente dalla vendita deve essere rimessa, anche in via derogativa, al giudizio dell'Autorità Giudiziaria di Bologna, quale unico Foro competente; ma la ditta venditrice potrà anche adire, a sua scelta, l'autorità giudiziaria del luogo, della residenza o domicilio dell'acquirente ovvero del luogo ove si trova l'oggetto della fornitura.
- 8) RESI - NON SI ACCETTANO RESTITUZIONI DI MATERIALI** se non precedentemente autorizzato per iscritto dalla ns. Società.
- 9) LISTINO** - Il listino attualmente in vigore annulla e sostituisce tutti i precedenti.

## TERMS AND CONDITIONS OF SALE

- 1) GUARANTEE** - Our guarantee expires after one year from invoice date of the product. It only covers the replacement or repair free of charge of the defective units or parts provided that we admit that said faults or defects are to be ascribed to manufacturing processes. The customer does not have to feel entitled to cancel or reduce the outstanding orders because of defective material previously supplied. We will not be responsible for the payment of any charges related to goods to be replaced or repaired under guarantee. Returns of material will only be accepted if both back and forth transport charges will be covered by the customer. Our guarantee becomes completely null and void if units result altered or repaired. **For alteration it is included also the application of the motor out of the ambit and circle of our Society.** Our guarantee does not cover defects or faults which would be attributed to external factors, insufficient maintenance, overload, inadequate lubrication, unproper selection, mounting errors or shipping damages being shipment risks and expenses on behalf of the customer.
- 2) SHIPMENT** - Material is considered accepted by the customer once it leaves our warehouse: Shipment of goods is considered at buyer's risk even if shipment is effected free domicile of customer or through shipper's means of transports or forwarding agents appointed by the shipper.
- 3) PRICES** - Our Company reserve the right to modify their own quotation (although confirmed) if it is necessary because of the unconstant conditions of market and production. The price list refers to ex-works prices. Not including packing and any other additional costs.
- 4) COMPLAINTS** - Complaints for defective material must be effected in writing and within the legal terms or they will be considered null. In case of complaints the buyer is not anyhow entitled to stop or delay payments. **Debit notes for refunds of damages to objects or persons as well as deliveries are not accepted.** Any claims should be notified within 8 days from receipt of our order confirmation, otherwise it will be considered as accepted in all its parts.
- 5) INTERESTS** - It is understood that interests have to be agreed and accepted, in occasion of late payments, according to the current average terms, applied by the Shipper's blanks.
- 6) CONDITIONAL SALES** - We reserve the right of property on goods sold until the whole payment has been effected together with the settlement of eventual interests and accessoires. The grant of a bill or its eventual renewal cannot be considered as a definitive payment of the preice and will be subjected to collection.
- 7) PLACE OF JURISDICTION** - All disputes which may arise in relation to the sales shall be governed by the italian Law and the Law Court of Bologna shall have the sole jurisdiction. The supplier reserve th right to choose, as place od jurisdiction, the purchaser's place of residence being the final destination of goods supplied.
- 8) NO RETURNS OF MATERIAL WILL BE ACCEPTED** unless previously authorised in writing from our Society.
- 9) PRICE LIST** - This current price list cancels and replaces all the previous ones.

















**SITI** SPA

SOCIETÀ ITALIANA TRASMISSIONI INDUSTRIALI



<b>RIDUTTORI</b>	GEARBOXES
<b>MOTORIDUTTORI</b>	GEARED MOTORS
<b>VARIATORI CONTINUI</b>	SPEED VARIATORS
<b>MOTORI ELETTRICI C.A./C.C.</b>	A.C./D.C. ELECTRIC MOTORS
<b>GIUNTI ELASTICI</b>	FLEXIBLE COUPLINGS

**SEDE e STABILIMENTO**  
HEADQUARTER

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Fax. +39/051/6714858

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[commitalia@sitiriduttori.it](mailto:commitalia@sitiriduttori.it)  
[export@sitiriduttori.it](mailto:export@sitiriduttori.it)

WebSite: [www.sitiriduttori.it](http://www.sitiriduttori.it)