



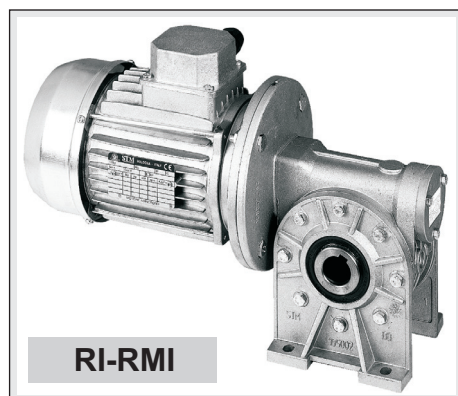
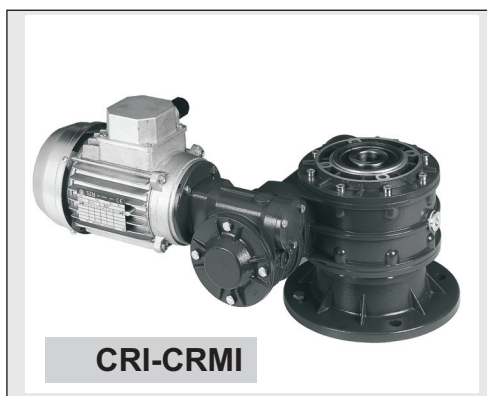
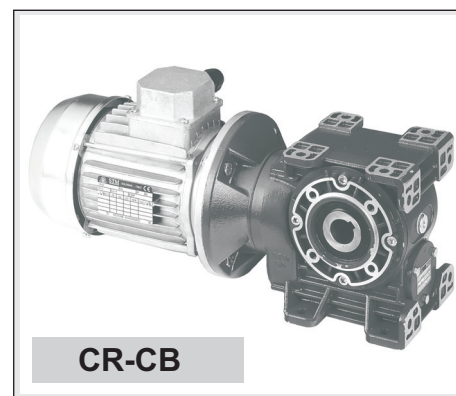
1.0 RIDUTTORI A VITE SENZA FINE R - CR - C

1.0 WORM GEARBOXES R - CR - C

1.0 SCHNECKENGETRIEBE R - CR - C

R-CR-C

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B**RI-RMI****CRI-CRMI****CR-CB****1.1 Caratteristiche tecniche**

RI-RMI - Il rinnovamento del prodotto principale dell'azienda, prevede sostanzialmente tre innovazioni: due tecnologiche e una commerciale. E' stata utilizzata la pressofusione per tutti i particolari in alluminio (dalla grandezza 28 alla 70) per migliorare la resistenza flessotorsionale viene da anni adottato il profilo ZI per la dentatura (sezione ad evolvente) per migliorare il rendimento e la silenziosità ed infine è stata introdotta la flangiatura modulare in uscita (FL) per aumentarne la flessibilità.



Nuove idee per crescere insieme: per primi dal 1987 con il brevetto del limitatore di coppia integrato all'interno del riduttore standard.

1.1 Technical characteristics

RI-RMI - The company has decided to update main product by adding three innovative principles : two technical and one commercial. All components in aluminium are die casted (from size 28 to size 70) to increase resistance to torsional and structure flexibility. ZI teething profile (section and involute) has been adopted to increase efficiency and silentness. Finally, a modular attachable output flange (FL) has been adopted to increase flexibility.



New ideas to approach a bigger market together: first since 1987 the patent of the torque limiter built inside our standard gearbox.

1.1 Technische Eigenschaften

RI-RMI - Die Erneuerung des Kernprodukt des Unternehmens bietet drei wesentliche Innovationen: zwei technische und eine wirtschaftliche. Es wurde für alle Aluminium-Teile (ab Größe 28 bis 70) das Druckgießverfahren angewendet, um den Biege-Widerstand zu verbessern. Für die Evolventenverzahnung wurde das Profil ZI verwendet, um die Leistung und Geräuschlosigkeit zu verbessern, und letztendlich wurde der modulare Ausgangsflansch (FL) eingeführt, um die Flexibilität zu erhöhen.



Neue Ideen für gemeinsames Wachstum: Seit 1987 nennen wir den Einbau des Drehmomentbegrenzers im Inneren unserer Standardgetriebe unser Patent.

CRI-CRMI - Semplicemente unendo due unità a vite senza fine, otteniamo questa serie di riduttori per applicazioni con rapporti molto lenti: basso rendimento ma alta competitività e silenziosità. Ovviamente sono disponibili tutti gli accessori della serie R, quali le viti bisporgenti in entrata, i conici sulla corona uscita, il limitatore di coppia, albero lento e il braccio di reazione.

CRI-CRMI - Simply to connect two worm gear, we obtain this gearboxes series for applications with low ratios: less efficiency but high competitiveness and silentness. All accessories of the series R are available, such as double extension input, output taper bearing, torque limiter, output solid shaft and torque arm.

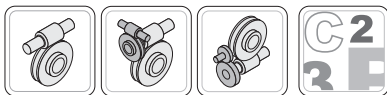
CRI-CRMI - Durch die einfache Kombination von zwei Schneckeneinheiten erhalten wir diese Getriebereihe für sehr langsame Anwendungsverhältnisse: niedrige Leistung, aber hohe Wettbewerbsfähigkeit.

Selbstverständlich stehen alle Zubehörteile der Baureihen R zur Verfügung.

CR-CB - Nella realizzazione di questi riduttori, ha dominato la scelta tecnica di realizzare un unico carter che contenesse tutti gli ingranaggi. Questa soluzione consente un efficiente smaltimento del calore unitamente ed una elevata rigidità e semplicità di applicazione. Gli effetti più positivi si riflettono sul rendimento, sulla durata e sulla coppia trasmissibile che la logica del compromesso costo/ prestazioni ne esalta la convenienza tra i rapporti intermedi.

CR-CB - When designing this range of gearbox, STM technicians decided to project one single body to include all gears. This solution allows an efficient heat dissipation as well as a high housing rigidity and application easiness. Efficiency will then be positively improved but also longevity and highest transmittable torque. The compromise cost/performances is particularly centered in the middle range reduction ratios.

CR-CB - Bei der Herstellung dieser Getriebe lag der technische Schwerpunkt auf der Konstruktion eines einzigen Gehäuses, das alle Zahnräder beinhaltet. Diese Lösung ermöglicht eine effiziente Wärmeableitung sowie eine hohe Steifigkeit und eine einfache Handhabung. Die positiven Auswirkungen spiegeln sich bei der Leistungsfähigkeit, der Dauer und der Drehmomentübertragung wider. Der notwendige Kompromiss zwischen Preis / Leistung erweist sich als äußerst vorteilhaft für mittlere Übersetzungsverhältnisse.



1.1 Caratteristiche tecniche

Caratteristiche giunto STM



- Ingombri **Ridotti**;
- Semplicità di connessione;
- **NO** Fretting;
- **NO** Vibrazioni;
- Progettato per garantire efficienza e affidabilità con servizi gravosi in presenza di urti e con numerosi avviamenti.

1.1 Technical characteristics

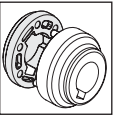
STM Special features - Coupling



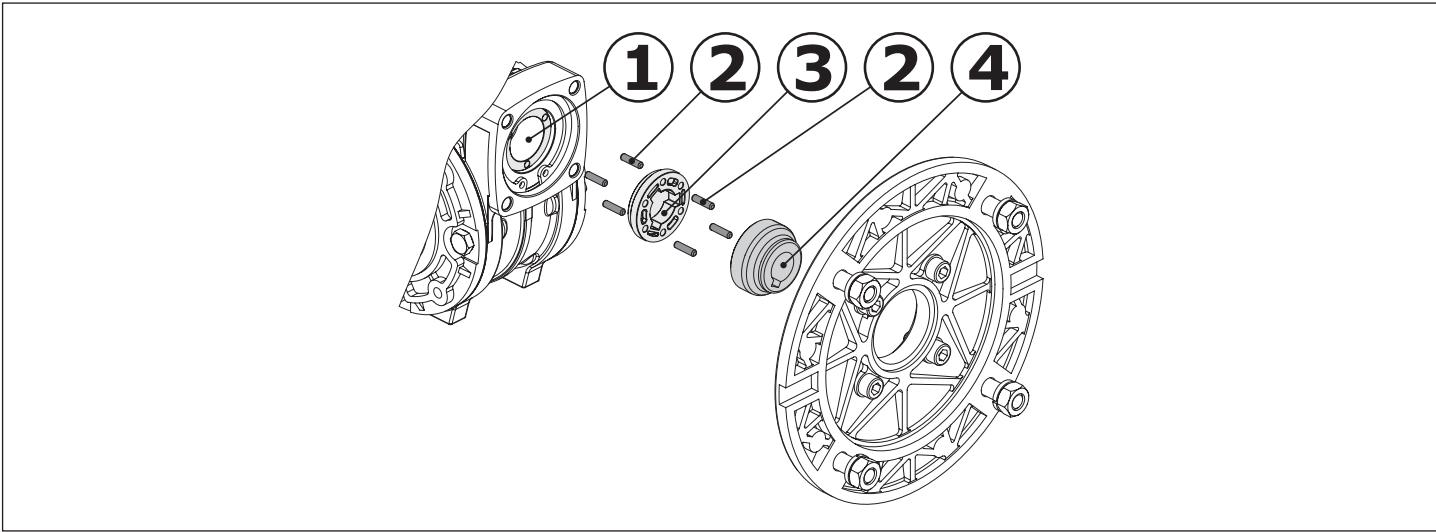
- **Reduced Sizes**
- **Simplified connections**
- **No fretting**
- **No vibrations**
- *Designed in order to warrant efficiency and reliability with heavy duty in case of bumps and frequent start-ups*

1.1 Technische Eigenschaften

Die STM Sondermerkmale - Kupplung:



- Verringerter Platzbedarf;
- Einfacher Anschluss;
- Keine Abnutzung;
- Keine Vibrationen;
- Gewährleistet Effizienz und Zuverlässigkeit bei hoher Belastung, Stossbeeinträchtigung und zahlreichen Maschinen-Starts.



MATERIALE:

- 1 - Vite senza fine
- Acciaio Cementazione;
- 2 - Pioli - - Acciaio per cuscinetti
- 3 - Giunto - Tecnopolimero PA 46
- 4 - Semigiunto - Acciaio da bonifica.

MATERIAL:

- 1 - Worm gear – cementation steel
- 2 – Pin – bearing steel
- 3 - Coupling – techno polymer PA 46
- 4 – Coupling half - tempered steel

MATERIAL:

- 1 – Schneckenwelle - Einsatzstahl
- 2 – Stifte – Lagerstahl
- 3 – Kupplung – Technopolymer PA 46
- 4 – Kupplungshälfte – Stahl wärmebehandelt

MANUTENZIONE:

- Facilità di Montaggio motore;
- Facilità di Smontaggio

MAINTENANCE:

- Easy motor assembly;
- Easy disassembly.

WARTUNG:

- Einfacher Motoreinbau;
- Einfacher Ausbau.

MODULARITA':

- Possibilità di utilizzare il giunto sulle serie "RMI" - "CRMI".

MODULARITY:

- Possibility of coupling's using specially those of "RMI" - "CRMI" series.*

MODULARITÄT

- Die Kupplung kann in den Serien „RMI“ - „CRMI...G“ verwendet werden.

TEMPI DI CONSEGNA:

- Maggiore modularità del prodotto;
- Stock a magazzino del prodotto assemblato.

DELIVERY DATES

- Higher product's modularity
- Stock warehouse finished product.

LIEFERZEITEN:

- Größere Modularität des Produktes;
- Montiertes Produkt im Lagerbestand

1.1 Caratteristiche tecniche

Limitatore di coppia STM



ATTENZIONE !

Il limitatore di coppia non può essere considerato in alcun caso un dispositivo per la sicurezza dell'operatore ma solo un sistema di protezione della macchina.

Il limitatore di coppia STM è utile in tutti i casi nei quali si voglia proteggere una trasmissione da sovraccarichi, urti e qualunque irregolarità della coppia assorbita dall'utilizzatore.

La scelta ottimale dei materiali della corona (bronzo GCuSn12 UNI 7013) e dell'albero e della bussola (acciaio temprato e rettificato) consente di garantire delle durate molto elevate anche in presenza di frequenti slittamenti.

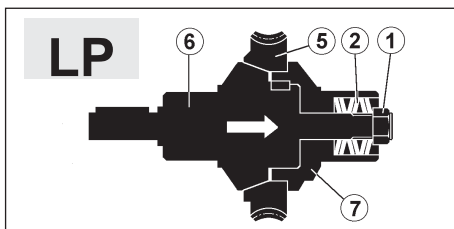
Nei confronti delle frizioni tradizionali presenta numerosi vantaggi:

- è incorporato, senza variazioni dimensionali, nei riduttori a vite senza fine semplici RI/RMI, combinati CRI/CRMI e con precoppia CR/CB nella gamma delle grandezze 28,40,50,63,70,85, 110,130,150.
- è protetto da qualunque contaminante (acqua, polvere, olio, grasso), ecc.
- è concepito per lavorare a bagno d'olio, cosa che lo rende affidabile nel tempo ed esente da usura.
- è facilmente regolabile dall'esterno tra mite il serraggio di un dado esagonale.
- può slittare anche per diversi minuti senza danneggiarsi.

Il limitatore di coppia è montato nel riduttore utilizzando cuscinetti radiali **ed escludendo l'applicazione di cuscinetti conici** in quanto i carichi assiali generati da questi ultimi provocherebbero alterazioni nella taratura del limitatore stesso.

Nel par. 1.6 sono riportati i valori della coppia di slittamento del limitatore in funzione del numero di giri del dado di regolazione o della ghiera. Ricordiamo inoltre che su specifica richiesta, nei riduttori combinati, è possibile montare il limitatore di coppia sul primo riduttore (più piccolo) con la possibilità di mantenere l'irreversibilità del gruppo, qualora la scelta dei rapporti la preveda, e con un costo più contenuto del dispositivo.

Configurazioni:



Facendo riferimento alle figure, la trasmissione del moto avviene per attrito fra le superfici dell'albero (6) della corona dentata (5) e della bussola (7) che vengono sottoposte ad una determinata compressione (regolabile) per mezzo dell'azione esercitata sulle molle a tazza (2) dal dado di regolazione o dalla ghiera (1).

1.1 Technical characteristics

STM torque limiter



ATTENTION !

The torque limiter can not be considered as a security device for the operator but as a protection system for the machine.

STM torque limiter is useful in all those cases where it is necessary to protect a transmission from overloads, shocks and any other torque irregularities.

The perfect choice of the wormwheel material (bronze GCuSn12 UNI 7013) together with the shaft and bushings which are made out of ground and hardened steel, enable the manufacturer to guarantee long life even with frequent slippings.

Several are the advantages that it offers when compared with traditional clutches:

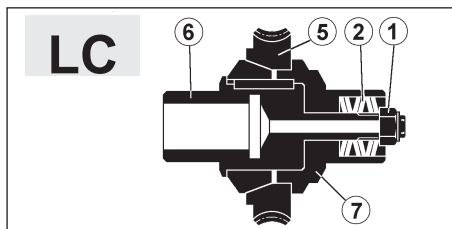
- it is built-in in the wormgearboxes type RI/RMI, in the combined units type CRI/CRMI and with primary reduction type CR/CB in sizes 28,40,50, 63,70,85,110,130,150 without any design modifications.
- it is protected from any possible polluting agents (water, dust, oil, grease) etc.
- it has been designed for oil-bath operation therefore reliable and wearfree.
- it is easily adjustable from outside by turning a standard hexagonal nut.
- it can slip for several minutes at a time without damage.

The torque limiter is assembled on to the gearbox by means of radial bearings **and not taper roller bearings** since the axial loads created by them could alter the calibration of the torque limiter itself.

On chapter 1.6 are listed the values of the slipping torque of the torque limiter in operation and of the nut's number of turns.

It is important to draw the attention on the fact that, upon request, it is possible to assemble the torque limiter on to the first gearbox (the smaller one) in the combined units and this will not affect the reversibility of the unit depending on the ratios of the gearboxes. As a result the unit will certainly be less expensive.

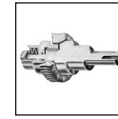
Versions:



With reference to pictures shown below, transmission of movement takes place by means of friction between the shaft, the wormwheel and the bushing. They are in fact subject of a determined compression (which can be adjusted) created by the effect of the nut on the washers.

1.1 Technische Eigenschaften

Die STM Rutschkupplung



ACHTUNG !

Bei der Rutschkupplung handelt es sich nicht um eine Sicherheitsvorrichtung für das Bedienpersonal, sondern um ein Schutzsystem für die Anlage.

Ist ein Schutz vor Überlastungen, stoßartigen Belastungen etc. erforderlich, so ist die integrierte Rutschkupplung von STM eine unentbehrliche Zusatzausstattung.

Eine optimale Werkstoffkombination - beim Schneckenrad Bronze GCuSn 12 Uni 7013 und bei der Welle gehärteter und geschliffener Stahlgarantieren auch bei häufigem Schlupf eine hohe Lebensdauer.

Sie bietet immer dann Vorteile, wenn die normale Belastung eines Antriebes überschritten wird.

- Integriert in die Standardschneckengetriebe RI/RMI, Doppelschneckengetriebe CRI/CRMI und Stirnrad-schneckengetriebe CR/CB; alle Ausführungen in den Größen 28, 40, 50, 63, 70, 85, 110, 130 und 150.
- durch die integrierte Bauweise geschützt gegen äußere Einflüsse wie Staub, Wasser, Öl, Fett, etc.
- im Ölbad laufend, dadurch zuverlässig und wartungsfrei.
- einfache Drehmomenteinstellung durch eine von außen zugängliche Einstellmutter.
- Schlupf über einen längeren Zeitraum hinweg fügt der Kupplung keinen Schaden zu, allerdings ist die erhöhte Erwärmung bei Dauerschlupf zu beachten.

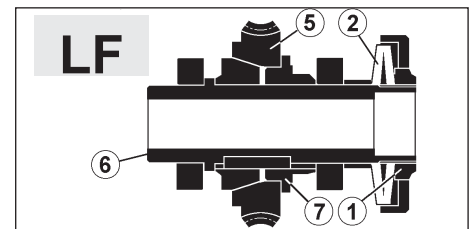
Schneckengetriebe mit Rutschkupplung können nur mit Radialagern ausgestattet werden. Zur Einstellung des Schlupfmomentes ist eine Axialverschiebung des Druckringes erforderlich, was den Einsatz von Kegelrollenlagern verhindert.

Das gewünschte Schlupfmoment kann mit Hilfe der Einstellmutter auf Basis der Werte Kapitel 1.6 eingestellt werden.

Bei Doppelschneckengetrieben ist es auf Wunsch möglich, die Rutschkupplung in die erste Stufe zu integrieren. Dadurch wird die mögliche Selbsthemmung des Getriebes erhalten und die Rutschkupplung kann kleiner dimensioniert werden.

Dies ist jedoch nur bei geeigneten Untersetzungsverhältnissen möglich.

Ausgangswellenausführungen:



Die Drehmomentübertragung findet durch Reibschluß zwischen dem Konus der Abtriebswelle und dem Schneckenrad statt. Die (einstellbare) Reibkraft wird durch die auf den Druckring wirkende Kraft der Tellerfedern erzeugt.



1.2 Bezeichnung

Maschine	Typ Conn ectio n	Size	Output Versio n	Mounti ng Ver sio n	Output Flange	Reductio n ratio	IEC type and Input Shaft	Input Versio n	Input Shaft	Designazione Motori <i>Designation Motors</i> Bezeichnung Motoren	Double Extended Input Shaft	Tapered Output Bearings	Limiter Output Version	Limiter Output Motion	Limiter HEAVY Calibration	Limiter Scope of Supply	Type Shaft Diameter	Shaft Diameter	Mounting Position Output Flange	Mounting positions	Position Terminal Box
00 M	01 Tyc on	02 SIZE	03 OV	03a MV	03b OF	04 IR	05 IECT	06 IV	07 IS		08 BE	09 TOB	10 LOV	11 LOM	12 LHC	13 LSO S	14 TYP SD	15 SD	16 MPO F	17 MP	19 PMT

[illegible]

CODE: Example of order: CR-MI 1000 CT 17 10 020 001																																				
CR	MI	28/28 ... 130/250	SID A	1 ... 8 1 ... 16	— P FL F1 F2 F3 F4 PP FF	Vedi tabelle prestazi oni See performa nce tables Siehe Leistun gs- tabellen	—	—	80B5 ... 80B14	—	— B ..B B..B	—	C	— LC LP LF	— A B	— TM	— 100 ...	— US	— ø...	—	M1 M2 M3 M4 M5 M6	1 2 3 4 5 6 7 8														
	I																																			

[illegible]

	R		CR			C
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RI	RMI		CRI	CRMI		CR	CB		CR	CB
										



1.2 Designazione

1.2 Designation

1.2 Bezeichnung

02 SIZE - Grandezza

SIZE - Size

SIZE - Größe

RI RMI		28	40	50	63	70	85	110	130	150	180	215	250
CRI CRMI		28/28	28/40 40/40	28/50 40/50	28/63 40/63	28/70 40/70 50/70 63/70	40/85 50/85 63/85 70/85	50/110 63/110 70/110 85/110	63/130 70/130 85/130	85/150 110/150	85/180 110/180 130/180	110/215	130/250
CR CB		—	40	50	—	70	85	110	130	150	180	215	250

03	RI RMI	OV - Versione Uscita	OV - Output Version	OV - Abtriebsausführung	
03a		MV - Versione Montaggio	MV - Mounting Version	MV - Bauversion	
03b		OF - Flangia Uscita	OF - Output Flange	OF - Flansche am Abtrieb	

S **Foot - "upper worm"**

I **Foot - "lower worm"**

D **Foot - "lateral worm"**

FL F. **Flange mounted**

P **Flange mounted**

PP F.F. **Flange mounted - "Two"**

A B **Foot - "upper worm"**

A B **Foot - "lower worm"**

A B **Foot - "lateral worm"**

B A A B **Left - side Standard Flange mounted**

B A A B **Left - side Standard Flange mounted**

A B **Flange mounted - "Two"**

1-5 standard

1-5 standard

1-5 standard

1-5 standard

1-5 standard

1-5 standard

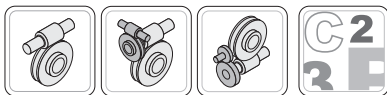
S
I
D
FL F.
P
PP F.F.

Elenco versioni Versions Ausführungen

Il senso dell'elica è destro
The helix is right-hande
Die Schnecke ist rechtsgängig

Lato uscita moto limitatore
Limiter Output Motion
Rutschkupplung-Abtriebsseite

Posizioni della Morsettiara
Position Terminal Box
Montagposition
Klemmenkasten

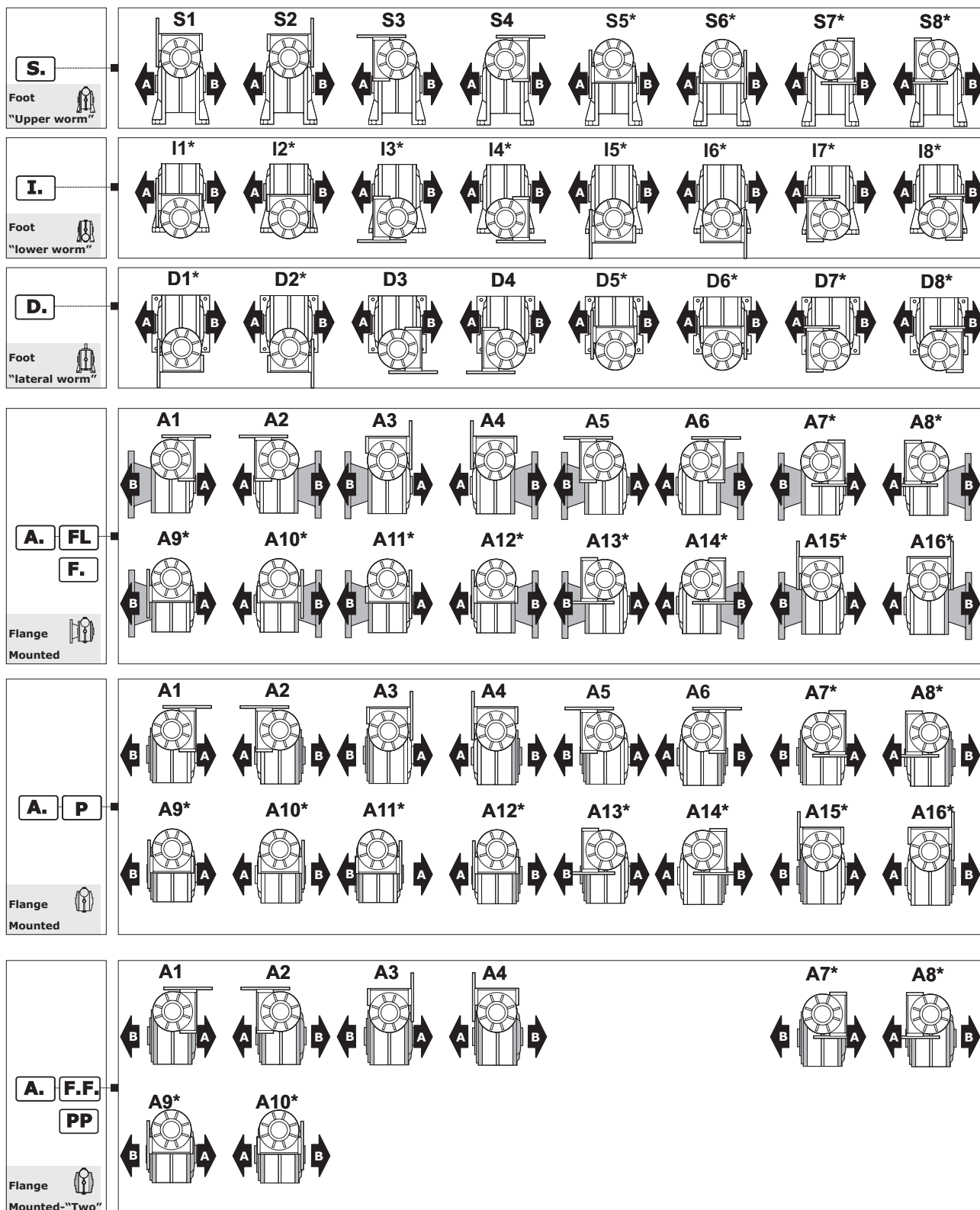


1.2 Designazione

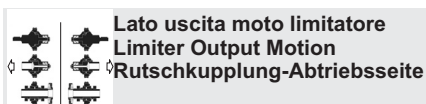
1.2 Designation

1.2 Bezeichnung

03 03a 03b	CR CRMI	OV - Versione Uscita	OV - Output Version	OV - Abtriebsausführung	
		MV - Versione Montaggio	MV - Mounting Version	MV - Bauversion	
		OF - Flangia Uscita	OF - Output Flange	OF - Flansche am Abtrieb	



B	Elenco versioni Versions Ausführungen
L	
B	
A FL F	
A P	
A F.F. PP	



(*) Per le versioni contrassegnate chiedere l'applicabilità delle flange B5 e B14 al ns. Servizio tecnico.
(*) When selecting gearboxes please ask our technicians availability of B5 and B14 flanges on the version marked.
(*) Während der Auswahl des Getriebe mit Motorflansch aufgebaut bitte unsere Techniker die Möglichkeit B5/B14 Flansch auf der benötigte Ausführung befragen.



1.2 Designazione

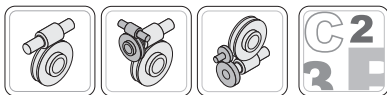
1.2 Designation

1.2 Bezeichnung

03 03a 03b	CRI CRMI	OV - Versione Uscita	OV - Output Version	OV - Abtriebausführung
		MV - Versione Montaggio	MV - Mounting Version	MV - Bauversion
		OF - Flangia Uscita	OF - Output Flange	OF - Flansche am Abtrieb



S. Foot "Upper worm"	S1-S2		S3-S8		S4-S7		S5-S6	
	I1-I2		I3-I7		I4-I8		I5-I6	
	D5-D6		D4-D7		D3-D8		D1-D2	
I. Foot "lower worm"								
D. Foot "lateral worm"								
A. FL F. Flange Mounted	A3-A4 A15-A16		A2-A5 A8-A13		A1-A6 A7-A14		A9-A10 A11-A12	
A. P Flange Mounted	A3-A4 A15-A16		A2-A5 A8-A13		A1-A6 A7-A14		A9-A10 A11-A12	
A. F.F. PP Flange Mounted-"Two"	A3-A4 A15-A16		A2-A5 A8-A13		A1-A6 A7-A14		A9-A10 A11-A12	
 Il senso dell'elica è destro The helix is right-hand Die Schnecke ist rechtsgängig		 Posizioni della Morsetteira Position Terminal Box Montagposition Klemmenkasten						



1.2 Designazione

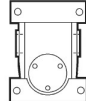
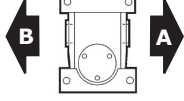
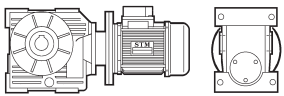
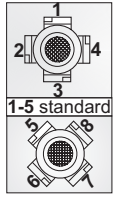
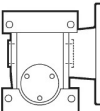
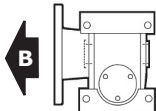
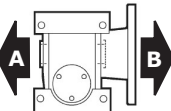
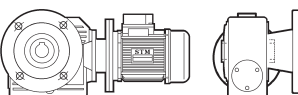
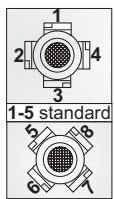
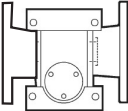
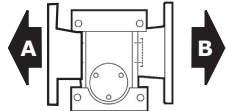
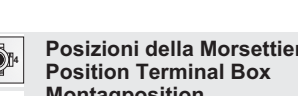
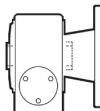
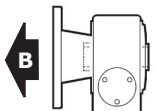
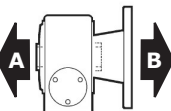
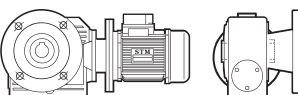
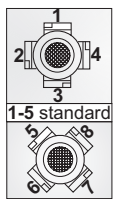
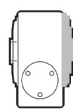
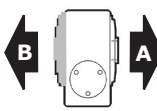
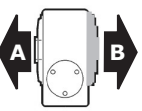
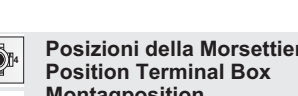
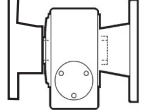
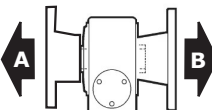
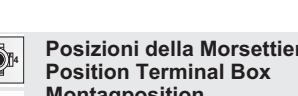
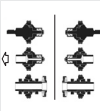
1.2 Designation

1.2 Bezeichnung

03	CB CR	OV - Versione Uscita	OV - Output Version	OV - Abtriebsausführung
03a		MV - Versione Montaggio	MV - Mounting Version	MV - Bauversion
03b		OF - Flangia Uscita	OF - Output Flange	OF - Flansche am Abtrieb



40 - 50 - 70 - 85 - 110

/	 		 
	Foot	Foot	
/FL /F. /P	 	 	 
Foot - Flange mounted	Left - side Standard Foot- Flange mounted		
/F.F.	 		 
Foot -Flange mounted - "Two"	Foot -Flange mounted - "Two"		
FL F.	 	 	 
Flange mounted	Left - side Standard Foot- Flange mounted		
P	 	 	 
Flange mounted	Left - side Standard Flange mounted		
PP F.F.	 		 
Flange mounted - "Two"	Flange mounted - "Two"		
Il senso dell'elica è destro The helix is right-hande Die Schnecke ist rechtsgängig		 Lato uscita moto limitatore Limiter Output Motion Rutschkupplung-Abtriebsseite	Posizioni della Morsettiera Position Terminal Box Montagposition Klemmenkasten



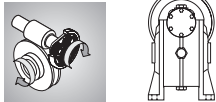
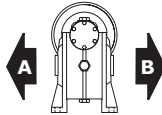
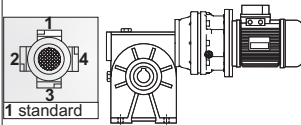
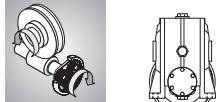
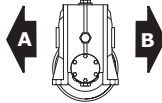
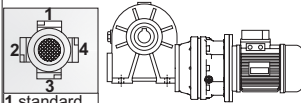
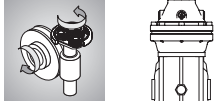
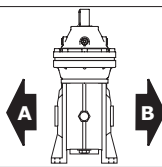
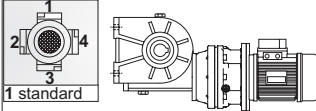
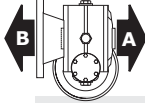
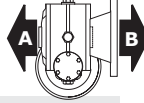
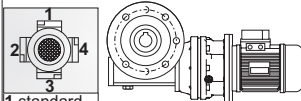
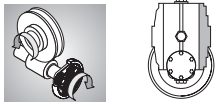
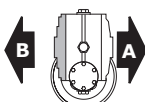
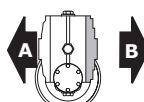
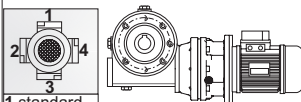
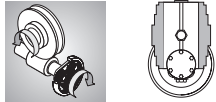
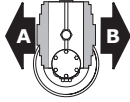
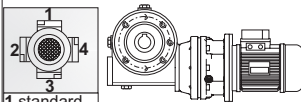
1.2 Designazione

1.2 Designation

1.2 Bezeichnung

03	CB CR	OV - Versione Uscita	OV - Output Version	OV - Abtriebsausführung	
03a		MV - Versione Montaggio	MV - Mounting Version	MV - Bauversion	
03b		OF - Flangia Uscita	OF - Output Flange	OF - Flansche am Abtrieb	

130 - 150 - 180 - 215 - 250

S		Foot - "upper worm"								
I		Foot - "lower worm"								
D		Foot - "lateral worm"								
FL F.		Flange mounted	 							
P		Flange mounted	 							
PP F.F.		Flange mounted - "Two"								
<table><tr><td>S</td></tr><tr><td>I</td></tr><tr><td>D</td></tr><tr><td>FL F.</td></tr><tr><td>P</td></tr><tr><td>PP F.F.</td></tr></table>	S	I	D	FL F.	P	PP F.F.	Elenco versioni Versions Ausführungen	 Il senso dell'elica è destro The helix is right-hande Die Schnecke ist rechtsgängig	 Lato uscita moto limitatore Limiter Output Motion Rutschkupplung-Abtriebsseite	 Posizioni della Morsettiera Position Terminal Box Montagposition Klemmenkasten
S										
I										
D										
FL F.										
P										
PP F.F.										

04 IR- Rapporto di riduzione

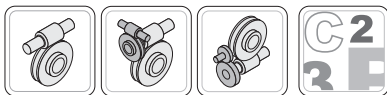
IR - Reduction ratio

IR - Übersetzungsverhältnis

(Vedi prestazioni). Tutti i valori dei rapporti sono approssimati. Per applicazioni dove necessita il valore esatto consultare il ns. servizio tecnico.

(See ratings). Ratios are approximate values. If you need exact values for a specific application, please contact our Engineering.

(Siehe "Leistungen"). Bei allen Werten der Übersetzungen handelt es sich um approximative Wertangaben. Bei Applikationen, bei denen die exakte Wertangabe erforderlich ist, muss unser Technischer Kundendienst konsultiert werden.



1.2 Designazione

1.2 Designation

1.2 Bezeichnung

05	RMI CRMI	IECT - Tipo IEC e Albero Entrata	IECT - IEC type and Input Shaft	OV - IEC Typ und Antriebswelle
06		IV - Versione Entrata	IV - Input Version	IV - Antriebsausführung
07		IS - Albero Entrata	IS - Input shaft	IS - Antriebswelle



Possibili accoppiamenti con motori IEC - Possible couplings with IEC motors - Mögliche Verbindungen mit IEC-Motoren														
		IECT	IV	IS	ir - (Rapporto di riduzione / Reduction ratio / Übersetzungsverhältnis)									
					7	10	15	20	28	40	49	56	70	80
					140	200 280	600	400	—	—	980 1372 1960	—	2800	—
28	28/28-28/40-28/50- 28/63-28/70	—	—	63	11/90 (B14)									
				56	9/120 (B5) - 9/80• (B14)									
40	40/40-40/50-40/63- 40/70-40/85	G	—	71	14/160 (B5) - 14/105 (B14) - 14/140 - 14/120 - 14/90•									
				63	11/140 (B5) - 11/90• (B14) - 11/160 - 11/120 - 11/105									
				56	9/120 (B5) - 9/160 - 9/140 - 9/105 - 9/90•									
50	50/70-50/85 50/110	G	—	80	19/120 (B14) - 19/200 (B5) - 19/160 - 19/140 - 19/105• - 19/90•									
				71	14/160 (B5) - 14/105• (B14) - 14/200 - 14/140 - 14/120 - 14/90•									
				63	11/140 (B5) - 11/90• (B14) - 11/200 - 11/160 - 11/120 - 11/105•									
63	63/70-63/85 63/110-63/130	G	—	90	24/200 (B5) - 24/140 (B14) - 24/160 - 24/120 - 24/105•									
				80	19/200 (B5) - 19/120 (B14) - 19/160 - 19/140 - 19/105•									
				71	14/160 (B5) - 14/105• (B14) - 14/200 - 14/140 - 14/120									
70	70/85-70/110 70/130	—	—	100 ⁽³⁾	28/160 (B14)									
				90	24/200 (B5) - 24/140 (B14) - 24/160 - 24/120 - 24/105•									
				80	19/200 (B5) - 19/120 (B14) - 19/160 - 19/140 - 19/105•									
				71 ⁽¹⁾	14/160 (B5) - 14/105• (B14) - 14/200 - 14/140 - 14/120									
85	85/110-85/130 85/150-85/180	—	—	100	28/250 (B5) - 28/160 (B14) - 28/200 - 28/140									
				90	24/200 (B5) - 24/140 (B14) - 24/250 - 24/160 - 24/120•									
				80 ⁽¹⁾	19/200 (B5) - 19/120• (B14) - 19/250 - 19/160 - 19/140									
110	110/150-110/180 110/215	—	—	132 ^(2/4)	38/300 (B5)									
				112	28/250 (B5) - 28/160 (B14) - 28/200									
				100	28/250 (B5) - 28/160 (B14) - 28/200									
				90 ⁽¹⁾	24/200 (B5) - 24/250 - 24/160									
130	130/180-130/250	—	—	132	38/300 (B5)									
				112	28/250 (B5) - 28/200									
				100	28/250 (B5) - 28/200									
150	—	—	—	160	42/350 (B5)									
				132	38/300 (B5) - 38/350 - 38/250 - 38/200									
				112 ⁽¹⁾	28/250 (B5) - 28/350 - 28/300 - 28/200									
				100 ⁽¹⁾	28/250 (B5) - 28/350 - 28/300 - 28/200									
180	—	—	—	180	48/350 (B5)									
				160	42/350 (B5) - 42/300 - 42/250									
				132	38/300 (B5) - 38/350 - 38/250									
215 250	—	—	—	225	60/450 (B5)									
				200	55/400 (B5)									
				180	48/350 (B5)									
				160	42/350 (B5)									
				132	38/300 (B5)									

⁽¹⁾I riduttori con vite bisporgente vengono realizzati con boccola di riduzione in acciaio (es. per 110 boccola riduzione ø 28/24).

N.B.

Per le grandezze 40, 50, 63 sono possibili solo queste configurazioni:

La bisporgenza è realizzata solo con giunto;

⁽²⁾Versione F2 - Non disponibile

⁽³⁾Si sconsiglia di montare i riduttori nelle posizioni di montaggio 03 e 04.

⁽⁴⁾ATTENZIONE!

(Vedere Paragrafo 1.12).

⁽¹⁾The and worm gearboxes with double extended input shaft have a steel axle box (e.g. for 110 axle box ø 28/24).

N.B.

These are the only configurations possible for sizes 40, 50, 63

The double extension is made by using a coupling;

⁽²⁾Version F2 not available.

⁽³⁾We advise you to mount the speed reducer in the positions 03 or 04.

⁽⁴⁾WARNING!

(Look at chapter 1.12).

⁽¹⁾Getriebe mit beidseitiger Antriebswelle haben eine Stahl-Reduziermuffe (z.B. 110 Muffe 28/24)

Hinweis:

Für die Größen 40, 50, 63 sind nur diese Konfigurationen möglich:

Das doppelte Wellenende wurde nur mit Kupplung hergestellt;

⁽²⁾Ausführung F2 - Nicht erhältlich

⁽³⁾Wir abraten die Getriebe in position Nummer 03 oder 04 zu montieren.

⁽⁴⁾ACHTUNG!

(s. S. 1.12).

1.2 Designazione

1.2 Designation

1.2 Bezeichnung

05	CB	IECT - Tipo IEC e Albero Entrata	IECT - IEC type and Input Shaft	OV - IEC Typ und Antriebswelle
06		IV - Versione Entrata	IV - Input Version	IV - Antriebsausführung
07		IS - Albero Entrata	IS - Input shaft	IS - Antriebswelle



40 - 50 - 70 - 85 - 110



130 - 150 - 180 - 215 - 250

Possibili accoppiamenti con motori IEC - Possible couplings with IEC motors - Mögliche Verbindungen mit IEC-Motoren

Size	IECT	IV	IS	ir	
				Tutti / All / Alle	
40	—	—	63	11/140 (B5) - 11/90 • (B14)	11/120 - 11/80
			56	9/120 (B5) - 9/80 (B14)	9/140
			71	14/160 (B5)	14/140
50	—	—	63	11/140 (B5) - 11/90 • (B14)	11/160
			56	9/120 (B5) - 9/80 • (B14)	9/160 - 9/140
			90	24/200 (B5)	
70	—	—	80	19/200 (B5)	19/160
			71	14/160 (B5)	14/140
			63	11/140 (B5)	11/160
			90	24/200 (B5)	24/160
85	—	—	80	19/200 (B5)	19/160
			71	14/160 (B5)	14/140
			63	11/140 (B5)	11/160
			112	28/250 (B5)	
110	—	—	100	28/250 (B5)	
			90	24/200 (B5)	
			80	19/200 (B5)	
			80	19/200 (B5)	

Nella tab. sono riportate le grandezze motore accoppiabili (IEC) unitamente alle dimensioni albero/flangia motore standard

Legenda:

11/140 (B5): combinazioni albero/flangia standard

11/120 : combinazioni albero/flangia a richiesta

In table the possible shaft/flange dimensions IEC standard are listed.

Key:

11/140 : standard shaft/flange combination

11/120 : shaft/flange combinations upon request

In Tabelle sind die möglichen Welle/Flansch- Abmessungen IEC-Standard aufgelistet.

Legende:

11/140 : Standardkombinationen Welle/Flansch

11/120 : Sonderkombinationen Welle/Flansch

Size	IECT	IV	IS	ir	
				Tutti / All / Alle	
130 150	—	—	180	48/350 (B5)	
			160	42/350 (B5)	
			132	38/300 (B5)	
			112	28/250 (B5)	
			100	28/250 (B5)	
			90	24/200 (B5)	
			80	19/200 (B5)	
			71	14/160 (B5)	
			63	11/140 (B5)	
			225	60/450 (B5)	
180 215	—	—	200	55/400 (B5)	
			180	48/350 (B5)	
			160	42/350 (B5)	
			132	38/300 (B5)	
			112	28/250 (B5)	
			100	28/250 (B5)	
			90	24/200 (B5)	
			80	14/160 (B5)	
			71	11/140 (B5)	
			63	9/120 (B5)	
250	—	—	280	75/550 (B5)	
			250	65/550 (B5)	
			225	60/450 (B5)	
			200	55/400 (B5)	
			180	48/350 (B5)	
			160	42/350 (B5)	
			132	38/300 (B5)	
			112	28/250 (B5)	
			100	28/250 (B5)	
			90	24/200 (B5)	
			80	19/200 (B5)	
			71	14/160 (B5)	
			63	11/140 (B5)	
			63	11/140 (B5)	

IECT	—	Accoppiamento diretto / Direct coupling / Direkte Passung
	G	Accoppiamento con Giunto / Direct with coupling / Direkte mit Kupplung
IV	—	Predisposto per accoppiamento con Unità Motrice IEC / pre arrangement motor IEC / geeignet für die Kombination mit Antriebseinheit IEC
	N	A richiesta / on Request / Auf Anfrage Predisposto per accoppiamento con Unità Motrice NEMA/ pre arrangement motor NEMA / geeignet für die Kombination mit Antriebseinheit NEMA - CT 36 US GB
IS	...	Grandezza IEC / Size IEC /

**Posizione morsettiera - Vedere - 19 - PMT - Pagina B15****Terminal board position - Look - 19 - PMT - Page B15****Lage des Klemmenkastens - Siehe - 19 - PMT - Auf Seite B15****Designazione motore elettrico**

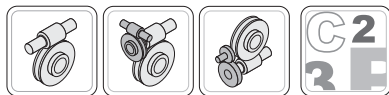
Se è richiesto un motoriduttore completo di motore è necessario riportare la designazione di quest'ultimo. A tale proposito consultare il ns. catalogo dei motori elettrici Electronic Line.

Electric motor designation

For applications requiring a gearmotor, motor designation must be specified. To this end, please refer to our Electronic Line electric motor catalogue.

Bezeichnung des Elektromotors

Wird ein Getriebemotor komplett mit Elektromotor angefordert, müssen dessen Daten angegeben werden. Diesbezüglich verweisen wir auf unseren Katalog der Elektromotoren "Electronic Line".



1.2 Designazione

1.2 Designation

1.2 Bezeichnung

05	RI	IECT - Tipo IEC e Albero Entrata	IECT - IEC type and Input Shaft	OV - IEC Typ und Antriebswelle
06	CRI	IV - Versione Entrata	IV - Input Version	IV - Antriebsausführung
07	CR	IS - Albero Entrata	IS - Input shaft	IS - Antriebswelle



— Nessuna indicazione = diametro standard;

— No indications = standard diameter;

— Keine Angabe = Standard-durchmesser

RI		28 (Ø 9)	40 (Ø 11)	50 (Ø 14)	63 (Ø 18)	70 (Ø 19)	85 (Ø 24)	110 (Ø 28)	130 (Ø 38)	150 (Ø 42)	180 (Ø 48)	215 (Ø 48)	250 (Ø 55)
CRI		28/28 28/40 28/50 28/63 28/70 (Ø 9)	40/40 40/50 40/63 40/70 40/85 (Ø 11)	50/70 50/85 50/110 (Ø 14)	63/70 63/85 63/110 63/130 (Ø 18)	70/85 70/110 70/130 (Ø 19)	85/110 85/130 85/150 85/180 (Ø 24)	110/150 110/180 110/215 (Ø 28)	130/180 130/250 (Ø 38)	— (Ø 42)	— (Ø 48)	— (Ø 48)	— (Ø 55)
CR		— (Ø 9)	40 (Ø 14)	50 (Ø 19)	— (Ø 18)	70 (Ø 24)	85 (Ø 28)	110 (Ø 32)	130 (Ø 38)	150 (Ø 38)	180 (Ø 48)	215 (Ø 48)	250 (Ø 65)

08 BE - Bisporgenza Entrata

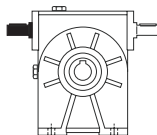
BE - Input double extension

BE - Doppelte vorstehende Antriebswelle

1)RI-RMI - CR-CB

— Nessuna indicazione = vite senza bisporgenza;

B = vite con bisporgenza.



1)RI-RMI - CR CB

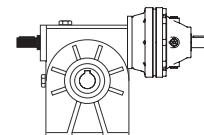
— No indications = input shaft without double extension;

B = double extended input shaft.

1)RI-RMI - CR-CB

— Keine Angabe = Schnecken ohne doppeltes Wellenende

B = Schnecke mit doppeltem Wellenende



2)CRI-CRMI

— Nessuna indicazione = vite senza bisporgenza;

2.1 - B

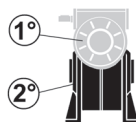
CRI28/50..B - Bisporgenza 2°

2.2 - ...B

CRI28/50..28B-Bisporgenza 1°

2.3 - B...B

CRI28/50..B28 B - Bisporgenza 1° e 2°.



2)CRI-CRMI

— No indications = input shaft without double extension;

2.1 - B

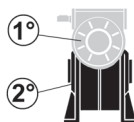
CRI28/50..B-Double Extension 2°

2.2 - ...B:

CRI28/50.28B-Double Extension 1°

2.3 - B...B:

CRI28/50..B28 B-Double Extension 1° and 2°.



2)CRI-CRMI

— Keine Angabe = Schnecke ohne doppeltes Wellenende

2.1 - B

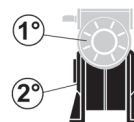
CRI28/50..B 2°

2.2 - ...B

CRI28/50..28B 1°

2.3 - B.. B

CRI28/50..B28 B 1° und 2°



N.B.
Vedere note pagina B10.

N.B.
Please see notes page B10

Zu beachten sind bitte die Hinweise auf Seite B10.

09 TOB - Cuscinetti Conici Uscita

TOB - Tapered Output Bearings

TOB - Abtriebskegellager



— Nessuna indicazione = Cuscinetti Uscita del tipo radiale a una corona di sfere;



C = Cuscinetti conici in uscita.

N.B. Per Le versioni con limitatore di coppia questa opzione non è disponibile

— No indications = Output Radial Ball Bearing

C = Tapered output bearings.

N.B. For the versions using limiters

— Keine Angabe = Abtriebslager vom Typ Radial-Kugellager;

C = Ausgangskegellager.

Hinweis: Für die Ausführung mit Drehzahlbegrenzer

1.2 Designazione**10 LOV - Versione Limitatore**

Alla designazione del riduttore, determinata restando i dati necessari nei rispettivi cataloghi, deve seguire la lettera **L** che contraddistingue il limitatore incorporato, unitamente alla versione desiderata:

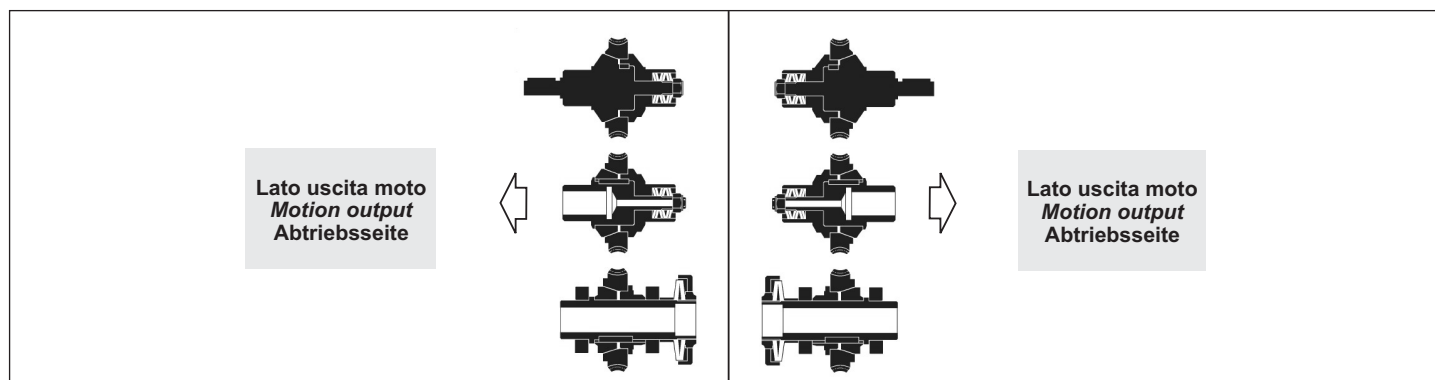
1.2 Designation**LOV - Limiter Output Version**

Once the right designation of the gearbox has been selected following the indications reported in the respective catalogues, letter **L** must be added to indicate the built-in limiter together with the required version:

1.2 Bezeichnung**LOV - Rutschkupplung-Ausführung**

Nach der Wahl des Getriebetyps (basierend auf den im jeweiligen Katalogabschnitt zu findenden Angaben) wird der Getriebespezifikation bei Bedarf einer Rutschkupplung der Buchstabe **L** hinzugefügt. Der Typ der Rutschkupplung muß folgendermaßen gekennzeichnet werden:

LP		albero sporgente	double extended shaft	Vollwelle
LC		albero cavo non passante	hollow shaft	einseitig Hohlwelle
LF		albero cavo passante	through hollow shaft	durchgehend Hohlwelle

11 LOM - Lato uscita moto limitatore**LOM - Limiter Output Motion****LOM - Rutschkupplung-Abtriebsseite**

E' molto importante precisare anche il lato dove si desidera l'uscita del moto **A, B**, avvalendosi degli schemi riportati nelle pagine **A 5-6-7-8-9**, ricordando che, ovviamente, dalla parte opposta dell'uscita sarà possibile effettuare la taratura del limitatore agendo sull'apposito dado o ghiera.

Per la determinazione della posizione dell'albero di uscita nelle versioni a piedi o PP, è sufficiente osservare il riduttore dalla parte entrata moto o (per la versione di montaggio **D**) lato vite; se l'albero è desiderato sul lato sinistro, la posizione di montaggio del limitatore sarà in esecuzione **A**, viceversa, se l'albero è a destra si dovrà richiedere l'esecuzione **B**.

Nelle versioni FL o P, l'esecuzione **A** è considerata quella che prevede l'uscita-moto dal lato del coperchio chiuso o coperchio F0 (lato opposto alla flangia); l'esecuzione **B** è invece quella in cui l'uscita-moto è dalla stessa parte della flangia FL o P.

A tale proposito si desidera evidenziare che nelle versioni FL è stata riportata l'esecuzione dell'albero di uscita tipo "A". Anche se tecnicamente fattibile, la ghiera o il dado si trovano all'interno della flangia stessa, pertanto difficilmente accessibili.

It is also essential to specify where the output of motion **A** and **B** is required according to the diagram shown in the page **A 5-6-7-8-9**, reminding that on the opposite side of the output it is possible to carry out the limiter calibration by acting on the appropriate nut or ring nut.

In order to determine the position of the output shaft in foot or PP version, it is enough to look at the gearbox from the input side or wormshaft side (mounting position **D**), if shaft is required on to the left hand side, mounting position of limiter will be **A**, on the contrary, if shaft is required on to the right hand side, version **B** should be required.

In the FL or P versions, execution **A** is the one that provides the output of motion from the closed cover or F0 cover (on the opposite side of the flange); execution **B**, instead, is the one that provides the output of motion from FL or P side.

In this context please note that in the version FL the output shaft is executed with type "A". Even if technically possible, washers or nuts are in the flange itself and these are hard to reach.

Außerdem muß die Abtriebsseite **A, B** mit Hilfe der anschließend aufgeführten Skizzen **A 5-6-7-8-9** angegeben werden - unter Berücksichtigung, daß die Einstellmutter sich auf der dem Abtrieb gegenüberliegenden Seite befindet.

Zur Bestimmung der Lage der Abtriebswelle wird ein Getriebe in Fußversion oder Version PP von der Eingangsseite oder (bei der Montageversion **D**) von der Schraubenseite betrachtet: befindet sich die Welle auf der linken Seite, ist die Montagestellung des Drehmomentbegrenzers Ausführung **A**, andernfalls - wenn die Welle sich auf der rechten Seite befindet - handelt es sich um Ausführung **B**.

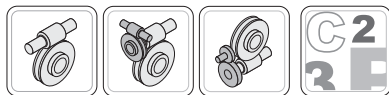
Bei den Versionen in einfacher P- oder Flanschausführung ist zu beachten, daß bei der Ausführung **A** der Abtrieb auf der Seite des geschlossenen oder F0-Deckels (gegenüber dem Flansch), liegt folglich befindet sich die Einstellmutter dann im Flansch.

In diesem Zusammenhang wird darauf hingewiesen, dass in der Version FL die Ausgangswelle mit Typ "A" ausgeführt wird. Auch wenn technisch möglich, sind Unterlegscheiben oder Muttern im Flansch selbst zu finden und daher schwer zu erreichen.

N.B. La scelta della posiz. A e B dell'albero uscita è dipendente dalla versione di montaggio del riduttore.

NOTE. Choice of shaft positions **A** and **B** are related to mounting position of gearbox.

HINWEIS. Die Wahl der Abtriebsposition **A** oder **B** ist abhängig von der Montageposition des Getriebes.

**1.2 Designazione****12 LHC - Taratura maggiorata limitatore**

— Nessuna indicazione = Senza taratura maggiorata;
Disponibile - RI-RMI;

TM = Taratura maggiorata
Disponibile - RI-RMI - CRI-CRMI - CR-CB

13 LSOS - Stato fornitura limitatore

— Nessuna indicazione = Se non specificato il limitatore è fornito NON TARATO.

... = A richiesta è possibile fornire il limitatore tarato con un valore specifico della coppia di slittamento M_{2S} .

Nelle tabelle delle prestazioni sono riportate le coppie di slittamento M_{2S} in funzione del numero dei giri del dado, o della ghiera di regolazione ottenibili con la disposizione standard delle molle.

Altrimenti è possibile accordarsi con nostro Ufficio Commerciale per un valore di taratura specifico.

14 TYPSED - Tipo Albero uscita

— Nessuna indicazione = le dimensioni dell'albero sono secondo il sistema di misura SI (mm);

US = a richiesta
è possibile richiedere alberi con le dimensioni secondo il sistema di misura US (inch).

CT 36 US GB

15 SD - Diametro Albero**Diametro albero:**

— Nessuna indicazione = diametro foro standard;

diametro foro opzionale = (vedi tabella).

1.2 Designation**LHC - Limiter HEAVY Calibration**

— No indications = Without HEAVY Calibration;
Available - RI-RMI

TM = HEAVY Calibration
Available - RI-RMI - CRI-CRMI - CR-CB

LSOS - Limiter-Scope of the supply

— No indications = If not specified in detail, the limiter is supplied without calibration.

On request it is possible to provide the limiter with a calibrated slipping torque M_{2S} :

In the following tables the slipping torques M_{2S} are listed according to number of turns of nut or ring nut obtainable with a standard arrangement of the springs.

Otherwise is possible to agree specific setting value with our Sales Dept. .

TYPSED - Typ output shaft

— No indications = The shaft dimensions are subject to the system of units SI (mm).

US = On request
It's possible to request shafts dimensions according US measurement system (inch).

CT 36 US GB

SD - Shaft diameter**Shaft Diameter:**

— No indications = standard hole diameter;

optional hole diameter = (see table).

1.2 Bezeichnung**LHC - Rutschkupplung-Erhöhtes Ansprechmoment**

— Keine Angabe = Ohne Erhöhtes Ansprechmoment;
Verfügbar - RI-RMI;

TM = Erhöhtes Ansprechmoment
Verfügbar - RI-RMI - CRI-CRMI - CR-CB

LSOS - Rutschkupplung-Lieferzustand

— Keine Angabe = Wenn nicht detailliert angegeben, wird der Begrenzer ohne Kalibrierung geliefert

Auf Anfrage ist es möglich, den Begrenzer mit einem kalibrierten Rutschmoment M_{2S} zu liefern.

In der folgenden Tabelle sind die Rutschmomente M_{2S} dargestellt, wie sie je nach Stellung der Sechskant- oder Nutmutter mit der Standardanordnung der Tellerfedern erreicht werden.

Es ist außerdem möglich mit unserer Verkaufsabteilung einen bestimmten Eichwert festzusetzen.

TYPSED - Typ Abtriebswelle

— Keine Angabe = Die Wellendimensionen unterliegen dem Einheitensystem SI (mm)

US = Auf Anfrage
es ist möglich Wellen anzufordern, die den amerikanischen Abmessungen (inch) entsprechen.

CT 36 US GB

SD - Durchmesser Abtriebswelle**Wellendurchmesser:**

— Keine Angabe = Standard-Bohrungsdurchmesser

Optionaler Bohrungsdurchmesser = (siehe Tabelle).

RI - RMI	28	40	50	63	70	85	110	130	150	180	215	250
CRI - CRMI	28/28	28/40 40/40	28/50 40/50	28/63 40/63	28/70 40/70 50/70 63/70	40/85 50/85 63/85 70/85	50/110 63/110 70/110 85/110	63/130 70/130 85/130	85/150 110/150	85/180 110/180 130/180	110/215	130/250
CR - CB	—	40	50	—	70	85	110	130	150	180	215	250
Standard (mm)	14	19	24	25	28	32	42	48	55	65	90	110
Optional (mm)	—	(18)	(25)	—	—	(35)	—	—	—	—	—	—

1.2 Designazione**16 MPOF - Lato Flangia Uscita**

— Nessuna indicazione = flangia uscita con montaggio destro;

SIN = flange uscita con montaggio sinistro.

1.2 Designation**MPOF - Mounting Position Output**

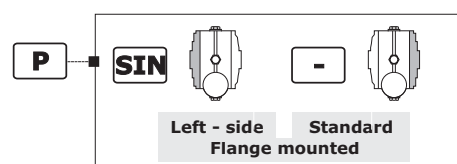
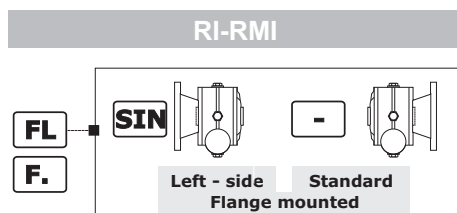
— No indication (standard) = output flange on right side;

SIN = output flange on left side.

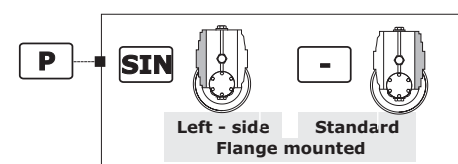
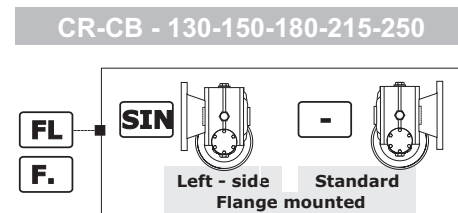
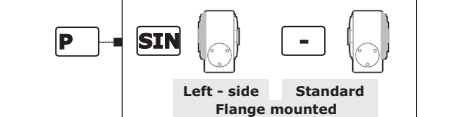
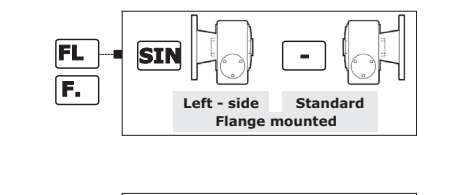
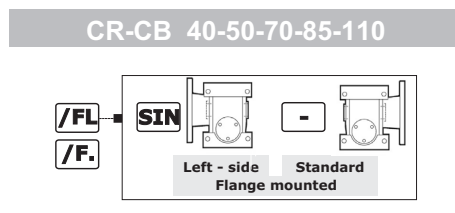
1.2 Bezeichnung**MPOF - Montageseite Abtriebsflansch**

— Keine Angabe (Standard) = Abtriebsflansch rechts;

SIN = Abtriebsflansch links.

**CRI-CRMI**

- Fare riferimento ai campi 3 - 3a - 3b
- Reference fields 3 - 3a - 3b
- Referenzfelder 3 - 3a - 3b

**17 MP - Posizioni di montaggio**

[M2, M3, M4, M5, M6] Posizioni di montaggio con indicazione dei tappi di livello, carico e scarico; se non specificato si considera standard la posizione **M1** (vedi par. 1.4)

MP - Mounting positions

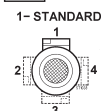
[M2, M3, M4, M5, M6] Mounting position with indication of breather level and drain plugs; if not specified, standard position is **M1** (see par. 1.4).

MP - Einbaulagen

Montageposition **[M2, M3, M4, M5, M6]** mit Angabe von . Entlüftung, Schaugläsern und Ablassschraube. Wenn nicht näher spezifiziert, wird die Standard - position **M1** zugrunde gelegt (s. Abschnitt 1.4).

18 OPT-ACC. - Opzioni**OPT-ACC - Options****OPT-ACC. - Optionen**

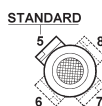
vedi par. 1.9 see pa. 1.9 s. Abschnitt 1.9	ACC1	AL	Alberi lenti - AL	Output shafts - AL	Abtriebswellen - AL
		AL_BU	Alberi lenti Bisporgenti - AL_BU	Double Output shafts - AL_BU	Beidseitige Abtriebswellen - AL_BU
		PROT.	Coperchio di protezione	Protection cover	Schutzzvorrichtungdeckel
	ACC3	BRS	Braccio Reazione Semplice	Torque arm - Single	Drehmomentstütze - Normal
		BRS_VKL	Braccio Reazione Semplice_con boccola_VKL	Torque arm - Single_with VKL_bushing	Drehmomentstütze - Normal_mit VKL - Buchse
vedi Sezione A-1.12 see Section A-1.12 s. Abschnitt A-1.12	ACC9	ELSX	Vite senza fine - Elica Sinistra	Worm Geraboxe - Left helix	Linksgängige Schraubenlinie der Schnecke
		OPT	Materiale degli anelli di tenuta	Materials of Seals	Dichtungsstoffe
		OPT1	Stato fornitura olio	Scope of the supply - Options - OIL	Optionen - Lieferzustand - Optionen - Öl
		OPT2	Verniciatura	Painting and surface protection	Lackierung und Oberflächenschutz

19 PMT - Posizioni della Morsettiera**PMT - Position Terminal Box****PMT - Montagposition Klemmenkasten**

[2, 3, 4] Posizione della morsettiera del motore se diversa da quella standard (1).

N.B.

La configurazione standard della flangia at-tacco motore prevede 4 fori a 45°.



Per le flange contrassegnate con il simbolo (+) (vedi pagina B10) i fori per il fissaggio al motore sono disposti in croce (esempio +). Pertanto è opportuno valutare l'ingombro della morsettiera del motore che verrà installato in quanto essa verrà a trovarsi orientata a 45° rispetto agli assi. Per la scelta della posizione della morsettiera rispetto agli assi fare riferimento allo schema seguente (in cui la posizione 5 è quella standard):

[2, 3, 4] Position of the motor terminal box if different from the standard one (1).

Note.

The standard configuration for the 4 holes is 45° to the axles (like an x: see par 2.3).

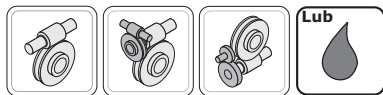
For the flanges marked with (+) (see page B10) the holes to fit the motor are on the axles (like a +). Therefore we suggest to check the dimensions of the terminal board of the motor as it will be at 45° to the axles. Please choose the terminal board position referring to the following sketch (in which n° 5 is the standard position):

Montageposition Klemmenkasten **[2, 3, 4]**, wenn abweichend von Standardposition [1] (für Motorgetriebe).

HINWEIS.

In der Standardkonfiguration sind die 4 Flanschbohrungen im 45°-Winkel zu den Achsen angeordnet

Bei Flanschen, die mit (+) (Siehe auf Seite B10) gekennzeichnet sind, sind die Bohrungen auf den Achsen angeordnet (wie ein +). Es sollte deshalb der Platzbedarf des Motorklemmenkastens beachtet werden, da er sich in 45°-Position zu den Achsen befinden wird. Die Lage des Klemmenkastens des Motors wählen Sie bitte anhand der folgenden Skizze (Pos. 5 ist Standardposition):



1.4 Lubrificazione

1.4 Lubrication

1.4 Schmierung



Posizioni di montaggio
Mounting positions
Montagepositionen

RI - RMI

S							
I							
D							
F. P							
		M1	M2	M3	M4	M5	M6

- ▽ Carico / Breather plug / Nachfüllen - Entlüftung
● Livello / Level plug / Pegel
▼ Scarico / Drain plug / Ablassschraube

Posizioni di montaggio - Mounting positions - Montagepositionen		
RI RMI		Prescrizioni da indicare in fase d'ordine Ordering requirements Anforderungen bei der Bestellung
	28	Non necessaria Not necessary Nicht erforderlich
	40	
	50	
	63	
	70	
	85	Necessaria Necessary Erforderlich
	110	
	130	
	150	
	180	
	215	
	250	

M3-M4

Particolare attenzione va posta per i riduttori montati nelle posizioni M3 e M4 che sono forniti con il cuscinetto schermato.

M3-M4

Particular attention should be paid to worm gearboxes with a shielded bearing mounted in positions M3 and M4.

M3-M4

Besondere Aufmerksamkeit sollte den Getrieben zukommen, die in den Einbautagen M3 und M4 montiert werden und mit abgeschirmtem Lager geliefert werden.

TARGHETTA - RIDUTTORE

NON NECESSARIA

Indicata sempre nella targhetta del riduttore la posizione di montaggio "M1".

NECESSARIA

La posizione richiesta è indicata nella targhetta del riduttore

Identification Plate - Gearbox

NOT NECESSARY

The mounting position is always indicated on the nameplate "M1".

NECESSARY

The indication it on the label of the gearbox

Typeschild - Getriebe

NICHT ERFORDERLICH

Die Einbaulage ist immer auf dem Typenschild angegeben "M1".

ERFORDERLICH

Findet man die angefragte Position auf dem Typenschild des Getriebe



1.4 Lubrificazione

1.4 Lubrication

1.4 Schmierung

Lub  RI RMI	Quantità di lubrificante - Lubricant Quantity - Schmiermittelmenge - [Kg]								OPT1	Tappi-Plug-Stopf			
			M1	M2	M3	M4	M5	M6		N°	Diameter	Type	
	RI-RMI	28	0.030						INOIL_STD	1	1/8"	▼  ▼ 	
		40	0.070							1	1/4"		
	RI	50	0.170							1	1/4"		
	RMI		0.130							1			
	RI	63	0.350							1			3/8"
	RMI		0.240							1			
	RI-RMI	70	0.550							1			
		85	1.100 0.800 (LP-LC-LF)	0.550						1			
	RI-RMI	110	2.600	2.100						OUTOIL	3	1/2"	▼  δ  • 
		130	4.100	2.900									
		150	6.000	5.000									
		180	11.00	9.000									
215		20.00	13.00										
250		29.00	20.00										



RI-RMI 85-110-130-150-180-215-250

M1 - Durante il riempimento attenersi ai quantitativi poiché in alcuni casi il livello del lubrificante oltrepassa la spia di livello.

M2-M3-M4-M5-M6 - Quantità indicative; durante il riempimento attenersi alla spia di livello.



Attenzione !:

Il tappo di sfiato è allegato solo nei riduttori che hanno più di un tappo olio

Nota: Se in fase d'ordine la posizione di montaggio è omessa, il riduttore verrà fornito con i tappi predisposti per la posizione M1.

Eventuali forniture con predisposizioni tappi diverse da quella indicata in tabella, dovranno essere concordate.

RI-RMI 85-110-130-150-180-215-250

M1 - During filling keep to the required quantities as in some cases the level of the lubricant exceeds the level shown by the indicator:

M2-M3-M4-M5-M6 - Indicative quantities, check the oil sight glass during filling.

Warning!:

A breather plug is supplied only with worm gearboxes that have more than one oil plug

Note: If the mounting position is not specified in the order, the worm gearbox supplied will have plugs pre-arranged for position M1.

The supply of gearboxes with different plug pre-arrangements has to be agreed with the manufacturer.

RI-RMI 85-110-130-150-180-215-250

M1 - Für die Auffüllung sind die angegebenen Mengen zu beachten, da in einigen Fällen der Füllstand des Schmiermittels das Füllstands-Kontrollfenster übersteigt.

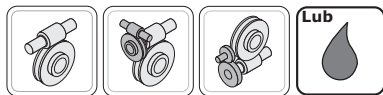
M2-M3-M4-M5-M6-Richtungsweisende Mengen, bei der Auffüllung auf das Füllstand-Kontrollfenster Bezug nehmen.

Achtung!:

Der Entlüftungstopfen ist lediglich bei den Getrieben vorhanden, die über mehr als einen Ölfüllstopfen verfügen

Anmerkung: Sollte in der Auftragsphase die Einbaulage nicht angegeben werden, wird das Getriebe mit Stopfen für die Einbaulage M1.

Lieferungen, die eine Auslegung hinsichtlich der Stopfen aufweisen, die von den Angaben in der Tabelle abweichen, müssen vorab vereinbart werden..



Posizioni di montaggio
Mounting positions
Montagepositionen

CRI - CRMI

Posizioni di montaggio - Mounting positions - Montagepositionen			
	 1° 2°	Posizioni Positions Positionen	Prescrizioni da indicare in fase d'ordine Ordering requirements Anforderungen bei der Bestellung
			SIZE 1
			SIZE 2
CRI CRMI	28/28	M1-M2 M3-M4 M5-M6	Non necessaria Not necessary Nicht erforderlich
	28/40		
	28/50		
	28/63		
	28/70		
	40/40		
	40/50		
	40/63		
	40/70		
	40/85		
	50/70		
	50/85		
	50/110		
	63/70		
	63/85		
	63/110		
	63/130		
	70/85		
	70/110		
	70/130		
	85/110	M1-M2 M3-M4 M5-M6	Necessaria Necessary Erforderlich
	85/130		
	85/150		
	85/180		
	110/150		
	110/180		
	110/215		
	130/180		
	130/250		

SIZE1
Per i riduttori 85/...; 110/..., 130/... è **necessario** specificare la posizione di montaggio dei riduttori "SIZE 1" - 85, 110 e 130 facendo riferimento allo schema dei riduttori RI-RMI.

SIZE1
For 85/...; 110/..., 130/... , gearboxes **it is necessary** to specify the mounting position of the gearboxes "SIZE 1" - 85, 110 and 130 referring to the RI-RMI gearbox diagram.

SIZE1
Für die Getriebe 85/...; 110/..., 130/... , **muss** die Einbaulage des Getriebes "SIZE 1" - 85, 110 und 130 verbindlich angegeben werden. Dabei ist auf den Anschlussplan der Getriebe RI-RMI Bezug zu nehmen.

M3-M4
Particolare attenzione va posta per i riduttori montati nelle posizioni M3 e M4 che sono forniti con il cuscinetto schermato.

M3-M4
Particular attention should be paid to worm gearboxes with a shielded bearing mounted in positions M3 and M4.

M3-M4
Besondere Aufmerksamkeit sollte den Getrieben zukommen, die in den Einbaulagen M3 und M4 montiert werden und mit abgeschirmtem Lager geliefert werden.

TARGHETTA - RIDUTTORE

NON NECESSARIA
Indicata sempre nella targhetta del riduttore la posizione di montaggio "M1".

NECESSARIA
La posizione richiesta è indicata nella targhetta del riduttore

Identification Plate - Gearbox

NOT NECESSARY
The mounting position is always indicated on the nameplate "M1".

NECESSARY
The indication it on the label of the gearbox

Typeschild - Getriebe

NICHT ERFORDERLICH
Die Einbaulage ist immer auf dem Typenschild angegeben "M1".

ERFORDERLICH
Findet man die angefragte Position auf dem Typenschild des Getriebe



1.4 Lubrificazione

1.4 Lubrication

1.4 Schmierung

Lub 	Quantità di lubrificante - Lubricant Quantity - Schmiermittelmenge - [Kg]										OPT1	Tappi-Plug-Stopf				
		Size 1	M1	M2	M3	M4	M5	M6	Size 2	M1-M2-M3 M4-M5-M6		N°	Diameter	Type		
CRI CRMI	28/28	28	0.030						28	0.030	INOIL_STD	Vedere corrispettiva SIZE1 e SIZE2 facendo riferimento ai riduttori della serie R See corresponding SIZE1 and SIZE2 with reference to gear series R Siehe entsprechend SIZE 1 und SIZE 2 mit Bezug auf die Getriebe der Serie R				
	28/40	28							40	0.070						
	28/50	28							50	0.130						
	28/63	28							63	0.240						
	28/70	28							70	0.550						
	40/40	40	0.070						40	0.070						
	40/50	40							50	0.130						
	40/63	40							63	0.240						
	40/70	40							70	0.550						
	40/85	40							85	1.100 0.800*						
	50/70	50	CRI - 0.170 CRMI - 0.130						70	0.550						
	50/85	50							85	1.100 0.800*						
	50/110	50	110	2.600												
	63/70	63	CRI - 0.350 CRMI - 0.240						70	0.550						
	63/85	63							85	1.100 0.800*						
	63/110	63							110	2.600						
	63/130	63							130	4.100						
	70/85	70	0.550						85	1.100 0.800*						
	70/110	70							110	2.600						
	70/130	70							130	4.100						
	85/110	85	1.100 0.800*	0.550						110					2.600	OUTOIL
	85/130	85								130					4.100	
	85/150	85								150					6.000	
	85/180	85								180					11.00	
	110/150	110	2.600	2.100						150					6.000	
	110/180	110								180					11.00	
	110/215	110								215					20.00	
	130/180	130	4.100	2.900						180					11.00	
	130/250	130								250					29.00	


SIZE 1
RI-RMI 85-110-130

M1 - Durante il riempimento attenersi ai quantitativi poiché in alcuni casi il livello del lubrificante oltrepassa la spia di livello.

M2-M3-M4-M5-M6 - Quantità indicative; durante il riempimento attenersi alla spia di livello.

SIZE 2

Durante il riempimento attenersi ai quantitativi poiché in alcuni casi il livello del lubrificante oltrepassa la spia di livello.

SIZE 1-SIZE2

* **RI-RMI 85** - Versioni LC-LP-LF.

SIZE 1
RI-RMI 85-110-130

M1 - During filling keep to the required quantities as in some cases the level of the lubricant exceeds the level shown by the indicator.

M2-M3-M4-M5-M6 - Indicative quantities, check the oil sight glass during filling.

SIZE 2

During filling keep to the required quantities as in some cases the level of the lubricant exceeds the level shown by the indicator.

SIZE1-SIZE2

* **RI-RMI 85** - Versions LC-LP-LF.

SIZE 1
RI-RMI 85-110-130

M1 - Für die Auffüllung sind die angegebenen Mengen zu beachten, da in einigen Fällen der Füllstand des Schmiermittels das Füllstands-Kontrollfenster übersteigt.

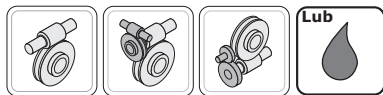
M2-M3-M4-M5-M6 - Richtungsweisende Mengen, bei der Auffüllung auf das Füllstand-Kontrollfenster Bezug nehmen.

SIZE 2

Für die Auffüllung sind die angegebenen Mengen zu beachten, da in einigen Fällen der Füllstand des Schmiermittels das Füllstands-Kontrollfenster übersteigt.

SIZE1-SIZE2

* **RI-RMI 85** - Ausführungen LC-LP-LF.



1.4 Lubrificazione

1.4 Lubrication

1.4 Schmierung



Posizioni di montaggio
Mounting positions
 Montagepositionen

CR - CB

40 - 50 - 70 - 85 - 110

	M1	M2	M3	M4	M5	M6

- ▽ Carico / *Breather plug* / Nachfüllen - Entlüftung
- Livello / *Level plug* / Pegel
- ▼ Scarico / *Drain plug* / Ablassschraube

Posizioni di montaggio - <i>Mounting positions</i> - Montagepositionen			
CR CB		Posizioni Positions Positionen	Prescrizioni da indicare in fase d'ordine <i>Ordering requirements</i> Anforderungen bei der Bestellung
	40	M1-M2 M3-M4 M5-M6	Non necessaria <i>Not necessary</i> Nicht erforderlich
	50		Necessaria <i>Necessary</i> Erforderlich
	70		
	85		
	110		

TARGHETTA - RIDUTTORE

NON NECESSARIA
 Indicata sempre nella targhetta del riduttore la posizione di montaggio "M1".

NECESSARIA
 La posizione richiesta è indicata nella targhetta del riduttore

Identification Plate - Gearbox

NOT NECESSARY
 The mounting position is always indicated on the nameplate "M1".

NECESSARY
 The indication it on the label of the gearbox

Typeschild - Getriebe

NICHT ERFORDERLICH
 Die Einbaulage ist immer auf dem Typenschild angegeben "M1".

ERFORDERLICH
 Findet man die angefragte Position auf dem Typenschild des Getriebe



1.4 Lubrificazione

1.4 Lubrication

1.4 Schmierung

 CR CB	Quantità di lubrificante - Lubricant Quantity - Schmiermittelmenge - [Kg]							OPT1	Tappi-Plug-Stopf		
		M1	M2	M3	M4	M5	M6		N°	Diameter	Type
	40	0.260	0.260	0.260	0.260	0.260	0.260	INOIL_STD	1	1/4"	
	50	0.440	0.600	0.600	0.600	0.440	0.440		1	1/4"	
	70	0.950	1.300	1.300	1.300	0.950	0.950		1	3/8"	
	85	1.550	2.800	2.800	2.800	1.550	1.550	OUTOIL	4	3/8"	
	110	3.600	6.000	6.000	6.000	3.600	3.600		4	1/2"	



Durante il riempimento attenersi ai quantitativi poiché in alcuni casi il livello del lubrificante oltrepassa la spia di livello.

During filling keep to the required quantities as in some cases the level of the lubricant exceeds the level shown by the indicator.

Für die Auffüllung sind die angegebenen Mengen zu beachten, da in einigen Fällen der Füllstand des Schmiermittels das Füllstands-Kontrollfenster übersteigt.



Attenzione !:

Il tappo di sfiato è allegato solo nei riduttori che hanno più di un tappo olio

Warning!:

A breather plug is supplied only with worm gearboxes that have more than one oil plug

Achtung!:

Der Entlüftungsstopfen ist lediglich bei den Getrieben vorhanden, die über mehr als einen Ölfüllstopfen verfügen

Nota: Se in fase d'ordine la posizione di montaggio è omessa, il riduttore verrà fornito con i tappi predisposti per la posizione M1.

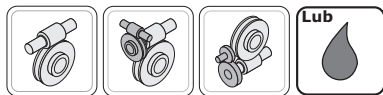
Note: If the mounting position is not specified in the order, the worm gearbox supplied will have plugs pre-arranged for position M1.

Anmerkung: Sollte in der Auftragsphase die Einbaulage nicht angegeben werden, wird das Getriebe mit Stopfen für die Einbaulage M1.

Eventuali forniture con predisposizioni tappi diverse da quella indicata in tabella, dovranno essere concordate.

The supply of gearboxes with different plug pre-arrangements has to be agreed with the manufacturer.

Lieferungen, die eine Auslegung hinsichtlich der Stopfen aufweisen, die von den Angaben in der Tabelle abweichen, müssen vorab vereinbart werden..



1.4 Lubrificazione

1.4 Lubrication

1.4 Schmierung



Posizioni di montaggio
Mounting positions
Montagepositionen

CR - CB

130 - 150 - 180 - 215 - 250

S							
I							
D							
F. P							
		M1	M2	M3	M4	M5	M6

▽ Carico / Breather plug / Nachfüllen - Entlüftung
● Livello / Level plug / Pegel
▼ Scarico / Drain plug / Ablassschraube

Posizioni di montaggio - Mounting positions - Montagepositionen			
CR CB		Posizioni Positions Positionen	Prescrizioni da indicare in fase d'ordine Ordering requirements Anforderungen bei der Bestellung
	130	M1-M2 M3-M4 M5-M6	Necessaria Necessary Erforderlich
	150		
	180		
	215		
	250		

TARGHETTA - RIDUTTORE

NON NECESSARIA

Indicata sempre nella targhetta del riduttore la posizione di montaggio "M1".

NECESSARIA

La posizione richiesta è indicata nella targhetta del riduttore

Identification Plate - Gearbox

NOT NECESSARY

The mounting position is always indicated on the nameplate "M1".

NECESSARY

The indication it on the label of the gearbox

Typeschild - Getriebe

NICHT ERFORDERLICH

Die Einbaulage ist immer auf dem Typenschild angegeben "M1".

ERFORDERLICH

Findet man die angefragte Position auf dem Typenschild des Getriebe



1.4 Lubrificazione

1.4 Lubrication

1.4 Schmierung

Lub CR CB	Quantità di lubrificante - Lubricant Quantity - Schmiermittelmenge - [Kg]							OPT1	Tappi-Plug-Stopf		
		M1	M2	M3	M4	M5	M6		N°	Diameter	Type
	130	5.100	3.900	5.750	3.900	3.400	3.400	OUTOIL	5-CB 7-CR	1/2" - 1/4"	
	150	7.900	6.200	9.300	6.200	5.600	5.600				
	180	13.20	10.70	15.85	10.70	9.850	9.850				
	215	23.45	14.90	27.55	14.90	13.95	13.95		6-CB 8-CR	1" - 1/4"	
	250	34.45	22.90	40.95	22.90	21.45	21.45				



Quantità indicative; durante il riempimento attenersi alla spia di livello.

Indicative quantities, check the oil sight glass during filling.

Richtungsweisende Mengen, bei der Auffüllung auf das Füllstand-Kontrollfenster Bezug nehmen.



Attenzione !:
Il tappo di sfiato è allegato solo nei riduttori che hanno più di un tappo olio

Warning!:
A breather plug is supplied only with worm gearboxes that have more than one oil plug

Achtung!:
Der Entlüftungstopfen ist lediglich bei den Getrieben vorhanden, die über mehr als einen Ölfüllstopfen verfügen

Nota: Se in fase d'ordine la posizione di montaggio è omessa, il riduttore verrà fornito con i tappi predisposti per la posizione M1.

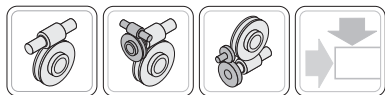
Note: If the mounting position is not specified in the order, the worm gearbox supplied will have plugs pre-arranged for position M1.

Anmerkung: Sollte in der Auftragsphase die Einbaulage nicht angegeben werden, wird das Getriebe mit Stopfen für die Einbaulage M1.

Eventuali forniture con predisposizioni tappi diverse da quella indicata in tabella, dovranno essere concordate.

The supply of gearboxes with different plug pre-arrangements has to be agreed with the manufacturer.

Lieferungen, die eine Auslegung hinsichtlich der Stopfen aufweisen, die von den Angaben in der Tabelle abweichen, müssen vorab vereinbart werden..



1.5 Carichi radiali e assiali

Quando la trasmissione del moto avviene tramite meccanismi che generano carichi radiali sull'estremità dell'albero, è necessario verificare che i valori risultanti non eccedono quelli indicati nelle tabelle.

Nella Tab. 2.5 - 2.6 sono riportati i valori dei carichi radiali ammissibili per l'albero veloce (Fr_1). Come carico assiale ammissibile contemporaneo si ha:

$$Fa_1 = 0.2 \times Fr_1$$

Tab. 2.5



RI



CRI

n_1 min ⁻¹	Fr_1 (N)											
	RI - CRI											
	28	40	50	63	70	85	110	130	150	180	215	250
2800	51	187	272	357	425	595	850	1360	1870	2125	2593	3370
1400	60	220	320	420	500	700	1000	1600	2200	2500	3250	4225
900	60	250	350	460	530	800	1200	1800	2350	2700	3500	4600
700	70	280	400	500	570	900	1300	2000	2500	3000	3800	4800
500	70	310	450	530	600	1000	1450	2200	2700	3200	4000	5300

Tab. 2.6



CR

n_1 min ⁻¹	Fr_1 (N)									
	CR									
	40	50	70	85	110	130	150	180	215	250
2800	468	510	723	808	1275	900	900	4000	4000	7000
1400	550	600	850	950	1500	1000	1000	5000	5000	8000
900	605	660	935	1045	1650	1200	1200	6000	6000	10000

In Tab. 2.7 - 2.8 sono riportati i valori dei carichi radiali ammissibili per l'albero lento (Fr_2). Come carico assiale ammissibile contemporaneo si ha:

$$Fa_2 = 0.2 \times Fr_2$$

Tab. 2.7



**RI
RMI**



**CRI
CRMI**

n_2 min ⁻¹	Fr_2 (N)									
	RI - RMI - CRI - CRMI									
	28	40	50	63	70	85	110	130	150	180
400	506	686	925	946	1279	1626	2168	2890	4263	4516
280	595	808	1088	1114	1505	1913	2550	3400	5015	5313
200	700	950	1280	1310	1770	2250	3000	4000	5900	6250
140	750	1050	1450	1680	2350	2400	3150	4250	6700	6900
93	800	1200	1620	1740	2700	2500	3600	4800	7500	7500
70	900	1350	1850	1930	3100	2650	4150	5300	8400	8500
50	950	1500	2100	2150	3300	3560	4850	6600	9400	10300
35	1000	1600	2230	2300	3700	3850	5700	7500	10100	11500
29	1070	1700	2400	2500	3900	4400	6200	8200	11100	12500
25	1130	1800	2580	2700	4100	4620	6600	8750	12000	13400
20	1200	1950	2700	2900	4300	5150	7200	9600	12700	15200
18	1280	2100	2850	3100	4450	5500	7800	10300	14000	16300
14	1430	2300	3200	3300	4700	5800	8250	10700	15000	17000

Nei riduttori CRI-CRMI utilizzare i carichi a 14 min⁻¹ (ovviamente i valori indicati in tabella si riferiscono al secondo riduttore).

1.5 Axial and overhung loads

Should transmission movement determine radial loads on the angular shaft end, it is necessary to make sure that resulting values do not exceed the ones indicated in the tables.

In Table 2.5 - 2.6 permissible radial load for input shaft are listed (Fr_1). Contemporary permissible axial load is given by the following formula:

$$Fa_1 = 0.2 \times Fr_1$$

1.5 Radiale und Axiale Belastungen

Wird das Wellenende auch durch Radialkräfte belastet, so muß sichergestellt werden, daß die resultierenden Werte die in der Tabelle angegebenen nicht überschreiten.

In Tabelle 2.5 - 2.6 sind die Werte der zulässigen Radialbelastungen für die Antriebswelle (Fr_1) angegeben. Die Axialbelastung beträgt dann:

$$Fa_1 = 0.2 \times Fr_1$$

In Table 2.6 - 2.8 permissible radial loads for output shaft are listed (Fr_2). Permissible axial load is given by the following formula:

$$Fa_2 = 0.2 \times Fr_2$$

In Tabelle 2.6 - 2.8 sind die Werte der zulässigen Radialbelastungen für die Abtriebswelle angegeben.

Als zulässige Axialbelastung gilt:

$$Fa_2 = 0.2 \times Fr_2$$

Use 14 min⁻¹ loads in the CRI-CRMI gearboxes (obviously the values in the table refer to the second gearbox).

Bei den Getrieben CRI-CRMI sind Lasten mit 14 min⁻¹ zu verwenden (die in der Tabelle angegebenen Werte beziehen sich natürlich auf das zweite Getriebe).



1.5 Carichi radiali e assiali

1.5 Axial and overhung loads

1.5 Radiale und Axiale Belastungen

Tab. 2.8



**CR
CB**

n_2 min ⁻¹	Fr_2 (N)							
	CR - CB							
	40	50	70	85	110	130	150	180
30	1700	2400	3900	4400	6200	8200	11100	12500
27	1800	2580	4100	4620	6600	8750	12000	13400
23	1850	2600	4200	4800	6800	8900	12500	14000
20	1950	2700	4300	5150	7200	9600	12700	15200
16	2100	2850	4450	5500	7800	10300	14000	16300
13	2300	3200	4700	5800	8250	10700	15000	17000
10	2300	3200	4700	5800	8250	10700	15000	17000
5	2300	3350	4700	5800	8250	10700	15000	17000

A richiesta possono essere fornite versioni rinforzate con cuscinetti a rulli conici sulla corona in grado di sopportare carichi superiori a quelli ammessi dalle versioni normali.

Si veda a tal proposito la tabella 2.9 - 2.10, in cui sono riportati i valori dei carichi radiali e assiali ammissibili sull'albero uscita nel caso di cuscinetti conici sulla corona. Si consiglia, in questi casi, di adottare versioni flangiate, verificando che il carico assiale venga interamente assorbito dal cuscinetto alloggiato nella flangia di fissaggio.

Si sconsiglia, invece (nei riduttori RI-RMI, CRI-CRMI) la versione a piede, in quanto la resistenza meccanica della struttura non è sufficiente a garantire la necessaria sicurezza sia statica sia dinamica (urti e sovraccarichi).

Tale soluzione non è prevista sulla grandezza 28.

In order to increase the load capacity of the gearboxes it is possible to fit taper roller bearings on to the output shaft. Such reinforced versions are available upon request.

With regard to this reinforced version, let see output radial and axial load values shown on tab. 2.9 - 2.10. It's advisable to use flange mounted versions and to make sure that the axial load is absorbed by the bearing, housed in the fixing flange.

The foot mounted version is not recommended, because the structural safety is very reduced, with regard both to static and dynamic conditions.

Please note that this solution is not available for size 28.

Für größere Belastungen stehen auf Wunsch auch verstärkte Ausführungen mit Kegelrollenlagern für die Schneckenwelle zur Verfügung.

Tabelle 2.9 - 2.10 listet die zulässigen Radial- und Axiallasten bei Verwendung von Kegelrollenlagern auf. Es wird in diesen Fällen empfohlen, Flanschausführungen zu verwenden und sicherzustellen, daß die axiale Last vollständig vom Lager, das sich im Befestigungsflansch befindet, aufgenommen wird. Die Fußversion empfiehlt sich in diesem Falle nicht, da deren Festigkeit nicht ausreicht, um die erforderliche Sicherheit gegen Stöße und Überlasten sowohl in statischer wie in dynamischer Hinsicht zu gewährleisten. Hinweis:

Für die Baugröße 28 ist diese Lösung nicht vorgesehen.

Tab. 2.9

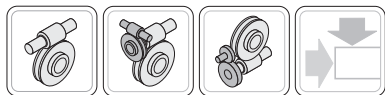


**RI
RMI**



**CRI
CRMI**

CARICHI RADIALI - ASSIALI CON CUSCINETTI CONICI SULLA CORONA AXIAL AND OVERHUNG LOADS WITH TAPER ROLLER BEARINGS ON WORMWHEEL RADIALE UND AXIALE BELASTUNGEN MIT KEGELROLLENLAGERN AUF DEM SCHNECKENRAD [N]																						
n ₂ (rpm)	RI - RMI																					
	40		50		63		70		85		110		130		150		180		215		250	
	Fr ₂	Fa ₂	Fr ₂	Fa ₂	Fr ₂	Fa ₂	Fr ₂	Fa ₂	Fr ₂	Fa ₂	Fr ₂	Fa ₂	Fr ₂	Fa ₂	Fr ₂	Fa ₂	Fr ₂	Fa ₂	Fr ₂	Fa ₂	Fr ₂	Fa ₂
400	2076	2708	4603	5325	4693	5415	5415	6588	5415	7220	7671	9837	7491	10559	14440	18772	17148	22382	20921	27306	25105	32767
280	2185	2850	4845	5605	4940	5700	5700	6935	5700	7600	8075	10355	7885	11115	15200	19760	18050	23560	22021	28743	26425	34492
200	2300	3000	5100	5900	5200	6000	6000	7300	6000	8000	8500	10900	8300	11700	16000	20800	19000	24800	23180	30256	27816	36307
140	2300	3000	5600	6500	5750	6650	6700	8200	6600	8800	9200	11800	8400	11850	17500	22700	20000	26000	24400	31720	29280	38064
93	2300	3000	6300	7300	6500	7550	7500	9150	7600	10100	9200	11800	9000	12700	18500	24000	21000	27400	25620	33428	30744	40114
70	2300	3000	6550	7600	6200	7200	7600	9300	6500	8650	9200	11800	9500	13400	19200	25000	22000	28700	26840	35014	32208	42017
50	2300	3000	6900	8000	6900	8000	8700	10600	7900	10500	10600	13600	10000	14100	20000	26000	23000	30000	28060	36600	33672	43920
35	2300	3000	6900	8000	6900	8000	9000	11000	9000	12000	13900	17800	12600	17750	20000	26000	23000	30000	28060	36600	33672	43920
29	2300	3000	6900	8000	6900	8000	9000	11000	9000	12000	14800	19000	13600	19200	20000	26000	23000	30000	28060	36600	33672	43920
25	2300	3000	6900	8000	6900	8000	9000	11000	9000	12000	14800	19000	14600	20600	20000	26000	23000	30000	28060	36600	33672	43920
20	2300	3000	6900	8000	6900	8000	9000	11000	9000	12000	14800	19000	15600	22000	20000	26000	23000	30000	28060	36600	33672	43920
18	2300	3000	6900	8000	6900	8000	9000	11000	9000	12000	14800	19000	15600	22000	20000	26000	23000	30000	28060	36600	33672	43920



1.5 Carichi radiali e assiali

1.5 Axial and overhung loads

1.5 Radiale und Axiale Belastungen

Tab. 2.10



CR
CB

CARICHI RADIALI - ASSIALI CON CUSCINETTI CONICI SULLA CORONA AXIAL AND OVERHUNG LOADS WITH TAPER ROLLER BEARINGS ON WORMWHEEL RADIALE UND AXIALE BELASTUNGEN MIT KEGELROLLENLAGERN AUF DEM SCHNECKENRAD [N]																				
n ₂ (rpm)	CR - CB																			
	40		50		70		85		110		130		150		180		215		250	
	Fr ₂	Fa ₂	Fr ₂	Fa ₂	Fr ₂	Fa ₂	Fr ₂	Fa ₂	Fr ₂	Fa ₂	Fr ₂	Fa ₂	Fr ₂	Fa ₂	Fr ₂	Fa ₂	Fr ₂	Fa ₂	Fr ₂	Fa ₂
60	2300	3000	6550	7600	7600	9300	6500	8650	9200	11800	9500	13400	19200	25000	22000	28700	26840	35014	32208	42017
50	2300	3000	6900	8000	8700	10600	7900	10500	10600	13600	10000	14100	20000	26000	23000	30000	28060	36600	33672	43920
40	2300	3000	6900	8000	9000	11000	9000	12000	13900	17800	12600	17750	20000	26000	23000	30000	28060	36600	33672	43920
30	2300	3000	6900	8000	9000	11000	9000	12000	14800	19000	13600	19200	20000	26000	23000	30000	28060	36600	33672	43920
25	2300	3000	6900	8000	9000	11000	9000	12000	14800	19000	14600	20600	20000	26000	23000	30000	28060	36600	33672	43920
20	2300	3000	6900	8000	9000	11000	9000	12000	14800	19000	15600	22000	20000	26000	23000	30000	28060	36600	33672	43920
15	2300	3000	6900	8000	9000	11000	9000	12000	14800	19000	15600	22000	20000	26000	23000	30000	28060	36600	33672	43920
10	2300	3000	6900	8000	9000	11000	9000	12000	14800	19000	15600	22000	20000	26000	23000	30000	28060	36600	33672	43920
5	2300	3000	6900	8000	9000	11000	9000	12000	14800	19000	15600	22000	20000	26000	23000	30000	28060	36600	33672	43920

I carichi radiali indicati nelle tabelle si intendono applicati a metà della sporgenza dell'albero e sono riferiti ai riduttori operanti con fattore di servizio 1.

Valori intermedi relativi a velocità non riportate possono essere ottenuti per interpolazione considerando però che Fr_1 a 500 min^{-1} e Fr_2 a 14 min^{-1} rappresentano i carichi massimi consentiti.

Per i carichi non agenti sulla mezziera dell'albero lento o veloce si ha:

The radial loads shown in the tables are applied on the centre line of the shaft extension and are related to gearboxes working with service factor 1.

Intermediate values of speeds that are not listed can be obtained through interpolation but it must be considered that Fr_1 at 500 min^{-1} and Fr_2 at 14 min^{-1} represent the maximum allowable loads.

For loads which are not applied on the centre line of the output or input shaft, following values will be obtained:

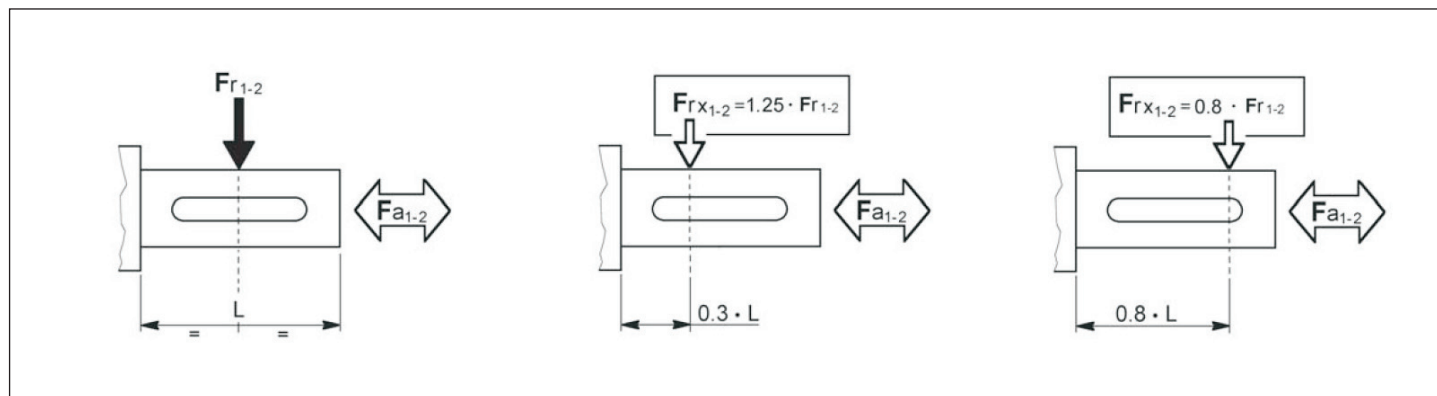
Bei den in der Tabelle angegebenen Radialbelastungen wird eine Krafterwirkung auf die Mitte des Wellenendes zugrunde gelegt; außerdem arbeiten die Getriebe mit Betriebsfaktor 1. Zwischenwerte für nicht aufgeführte Drehzahlen können durch Interpolation ermittelt werden. Hierbei ist jedoch zu berücksichtigen, daß die Werte von Fr_1 bei 500 min^{-1} und von Fr_2 bei 14 min^{-1} die Maximalbelastungen repräsentieren. Bei Lasten, die nicht auf die Mitte der Ab- bzw. Antriebswellen wirken, legt man folgende Werte zugrunde:

a 0.3 della sporgenza:
 $Fr_x = 1.25 \times Fr_{1-2}$
 a 0.8 dalla sporgenza:
 $Fr_x = 0.8 \times Fr_{1-2}$

at 0.3 from extension:
 $Fr_x = 1.25 \times Fr_{1-2}$
 at 0.8 from extension:
 $Fr_x = 0.8 \times Fr_{1-2}$

0.3 vom Wellenabsatz:
 $Fr_x = 1.25 \times Fr_{1-2}$
 0.8 vom Wellenabsatz:
 $Fr_x = 0.8 \times Fr_{1-2}$

Tab. 2.11





1.6 Prestazioni riduttori RI

1.6 RI Gearboxes performances

1.6 Leistungen der RI-Getriebe

RI 28



1.4

ir	n ₁ = 2800 min ⁻¹ ⚠				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹				RMI	RMI...G	
	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC		
7	400	11	0.56	83	200	15	0.39	81	129	18	0.31	79	71	22	0.21	78	63-56	—	
10	280	13	0.47	81	140	17	0.32	79	90	20	0.24	77	50	24	0.17	76			
15	187	14	0.35	78	93	18	0.23	75	60	20	0.17	73	33	24	0.12	71			
20	140	12	0.23	75	70	15	0.15	72	45	18	0.12	69	25	21	0.08	67			
28	100	15	0.23	69	50	19	0.16	64	32	21	0.12	61	17.9	25	0.08	58			
40	70	13	0.15	64	35	16	0.10	59	23	18	0.08	56	12.5	21	0.05	53	56		
49	57	12	0.12	61	29	15	0.08	56	18.4	17	0.06	52	10.2	20	0.04	49			
56	50	12	0.11	59	25	15	0.07	54	16.1	17	0.06	52	8.9	19	0.04	47			
70	40	11	0.08	55	20	13	0.06	49	12.9	15	0.04	46	7.1	17	0.03	43			
80	35	10	0.07	50	17.5	12	0.05	45	11.3	13	0.04	41	6.3	15	0.03	38			
100	28	9	0.06	47	14.0	10	0.04	41	9.0	10	0.02	38	5.0	11	0.02	35			



RI 40



2.1

ir	n ₁ = 2800 min ⁻¹ ⚠				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹				RMI	RMI...G	
	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC		
7	400	27	1.3	84	200	37	0.93	83	129	44	0.73	81	71	54	0.50	80	71-63-56	71-63-56	
10	280	31	1.1	83	140	42	0.76	81	90	49	0.58	79	50	59	0.40	78			
15	187	32	0.78	80	93	42	0.53	77	60	49	0.41	75	33	59	0.28	73			
20	140	29	0.56	76	70	37	0.37	73	45	43	0.29	70	25	51	0.20	67			
28	100	34	0.50	71	50	43	0.34	67	32	50	0.26	64	17.9	59	0.18	61			
40	70	32	0.36	65	35	40	0.24	60	23	45	0.19	56	12.5	53	0.13	53	63-56		
49	57	30	0.29	62	29	38	0.20	57	18.4	43	0.16	53	10.2	50	0.11	49			
56	50	28	0.24	60	25	36	0.17	54	16.1	40	0.13	51	8.9	47	0.09	47			
70	40	23	0.18	53	20	28	0.12	47	12.9	32	0.10	44	7.1	37	0.07	39			
80	35	21	0.15	50	17.5	26	0.11	44	11.3	29	0.09	40	6.3	34	0.06	36			
100	28	23	0.13	51	14.0	28	0.09	45	9.0	30	0.07	41	5.0	31	0.04	38			

RI 50



3.8

ir	n ₁ = 2800 min ⁻¹ ⚠				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹				RMI	RMI...G
	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
7	400	50	2.5	85	200	68	1.7	84	129	81	1.3	83	71	100	0.91	82	80-71	80-71-63
10	280	55	1.9	84	140	73	1.3	82	90	86	1.0	81	50	105	0.70	79		
15	187	58	1.4	82	93	76	0.93	80	60	89	0.71	79	33	106	0.48	77		
20	140	57	1.1	79	70	74	0.71	76	45	86	0.55	74	25	102	0.38	71		
28	100	62	0.88	74	50	80	0.60	70	32	92	0.46	67	17.9	109	0.32	64		
40	70	64	0.67	70	35	81	0.45	66	23	92	0.34	63	12.5	108	0.24	59	80-71-63	
49	57	57	0.51	67	29	72	0.34	63	18.4	82	0.27	59	10.2	96	0.19	55	71-63	
56	50	55	0.44	65	25	69	0.30	60	16.1	78	0.23	56	8.9	91	0.16	53		
70	40	52	0.36	61	20	64	0.24	56	12.9	72	0.19	52	7.1	84	0.13	48		
80	35	47	0.30	57	17.5	58	0.21	51	11.3	66	0.17	47	6.3	75	0.11	43		
100	28	42	0.23	54	14.0	52	0.16	48	9.0	59	0.13	44	5.0	60	0.08	40		

⚠ ATTENZIONE!

Per situazioni con velocità di ingresso particolari attenersi alla tabella pagina A2.

I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

N.B. Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come nel par. 1.7-A). Per maggiori informazioni contattare l'ufficio tecnico STM.

⚠ WARNING!

If in presence of non standard input speed please attain to the page A2.

Listed weights are for reference only and can vary according to the gearbox version.

NOTE. Please pay attention to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. chapter 1.7-A). For details please contact our technical department.

⚠ ACHTUNG!

Mit unstandardisierte Antriebsgeschwindigkeit bitte auf Seite A2.

Die angegebenen Gewichte sind Richtwerte und können je nach Getriebeversion etwas variieren.

HINWEIS. Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten (s. S. 1.7-A). Für weitere Informationen wenden Sie sich bitte an unser technisches Büro.



1.6 Leistungen der RI-Getriebe

6.0

RI 70

RI 85

**CT16 IGBD 3.0**



1.6 Prestazioni riduttori RI

1.6 RI Gearboxes performances

1.6 Leistungen der RI-Getriebe

RI 110



38

ir	n ₁ = 2800 min ⁻¹ ⚠				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹				RMI	RMI...G
	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
7	400	341	16.6	86	200	478	11.6	86	129	577	9.1	85	71	720	6.4	84	132-112 100	—
10	280	391	13.5	85	140	537	9.3	85	90	640	7.2	84	50	788	5.0	82		
15	187	396	9.3	83	93	535	6.4	82	60	632	5.0	80	33	769	3.4	78		
20	140	465	8.3	82	70	617	5.6	81	45	722	4.3	79	25	869	3.0	76	112-100	
28	100	433	5.9	77	50	570	4.0	75	32	665	3.1	72	17.9	796	2.2	69	112-100 90	
40	70	493	4.9	74	35	638	3.2	72	23	737	2.6	68	12.5	873	1.8	65		
49	57	452	3.8	72	29	581	2.5	69	18.4	667	1.9	66	10.2	786	1.4	62		
56	50	364	2.7	71	25	465	1.8	69	16.1	532	1.4	64	8.9	624	0.97	60		
70	40	381	2.3	68	20	483	1.6	64	12.9	551	1.2	60	7.1	644	0.88	55		
80	35	390	2.2	66	17.5	491	1.5	62	11.3	559	1.1	58	6.3	651	0.80	53		
100	28	355	1.7	62	14.0	444	1.1	57	9.0	503	0.89	53	5.0	583	0.62	49		



RI 130



48

ir	n ₁ = 2800 min ⁻¹ ⚠				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹				RMI	RMI...G
	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
7	400	501	24	88	200	706	16.8	88	129	855	13.2	87	71	1070	9.5	84	132-112 100	—
10	280	574	19.3	87	140	791	13.3	87	90	946	10.5	85	50	1167	7.4	83		
15	187	622	14.5	84	93	840	9.8	84	60	993	7.5	83	33	1210	5.3	80		
20	140	686	12.1	83	70	915	8.1	83	45	1073	6.2	82	25	1296	4.4	77		
28	100	607	8.4	76	50	805	5.5	76	32	941	4.2	75	17.9	1131	3.1	69		
40	70	693	6.9	74	35	903	4.5	73	23	1045	3.5	71	12.5	1243	2.5	65	112-100	
49	57	681	5.7	72	29	880	3.8	70	18.4	1014	2.8	69	10.2	1200	2.0	63		
56	50	636	4.6	72	25	814	3.1	69	16.1	935	2.3	68	8.9	1100	1.7	62		
70	40	639	3.9	69	20	812	2.5	67	12.9	928	2.0	62	7.1	1086	1.4	58		
80	35	616	3.3	68	17.5	778	2.2	64	11.3	886	1.7	60	6.3	1034	1.2	56		
100	28	551	2.5	64	14.0	691	1.7	59	9.0	785	1.3	55	5.0	913	0.94	51		

RI 150



77

ir	n ₁ = 2800 min ⁻¹ ⚠				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹				RMI	RMI...G
	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
7	400	754	36	88	200	1070	25	88	129	1300	20	87	71	1630	14.2	86	160-132 112-100	—
10	280	850	29	87	140	1180	19.9	87	90	1420	15.6	86	50	1755	10.9	84		
15	187	935	22	85	93	1270	14.6	85	60	1500	11.4	83	33	1830	7.9	81		
20	140	1070	18.7	84	70	1430	12.5	84	45	1680	9.7	82	25	2040	6.8	79	132-112 100	
28	100	965	13.1	77	50	1280	8.8	76	32	1500	6.8	74	17.9	1810	4.8	71		
40	70	1070	10.3	76	35	1400	6.8	75	23	1630	5.3	73	12.5	1950	3.8	67		
49	57	1020	8.2	74	29	1320	5.6	71	18.4	1530	4.3	69	10.2	1800	3.0	65		
56	50	1018	7.2	74	25	1306	4.7	73	16.1	1500	3.7	68	8.9	1768	2.6	64		
70	40	927	5.5	70	20	1183	3.7	67	12.9	1355	2.9	63	7.1	1591	2.0	59		
80	35	896	4.8	69	17.5	1136	3.2	66	11.3	1297	2.5	62	6.3	1518	1.7	57		
100	28	818	3.6	66	14.0	1029	2.4	62	9.0	1169	1.9	58	5.0	1361	1.3	54		

⚠ ATTENZIONE!

Per situazioni con velocità di ingresso particolari attenersi alla tabella pagina A2.

I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

N.B. Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come nel par. 1.7-A). Per maggiori informazioni contattare l'ufficio tecnico STM.

⚠ WARNING!

If in presence of non standard input speed please attain to the page A2.

Listed weights are for reference only and can vary according to the gearbox version.

NOTE. Please pay attention to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. chapter 1.7-A). For details please contact our technical department.

⚠ ACHTUNG!

Mit unstandardisierte Antriebsgeschwindigkeit bitte auf Seite A2.

Die angegebenen Gewichte sind Richtwerte und können je nach Getriebeversion etwas variieren.

HINWEIS. Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten (s. S. 1.7-A). Für weitere Informationen wenden Sie sich bitte an unser technisches Büro.



1.6 Prestazioni riduttori RI

1.6 RI Gearboxes performances

1.6 Leistungen der RI-Getriebe

RI 180



130

ir	n ₁ = 2800 min ⁻¹ ⚠				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹				RMI	RMI...G
	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
7	400	1015	48	89	200	1510	36	89	129	1840	28	88	71	2320	20	86	180-160 132	—
10	280	1190	40	88	140	1650	27	88	90	1990	22	87	50	2470	15.2	85		
15	187	1315	30	86	93	1800	20	86	60	2140	15.8	85	33	2620	11.2	82		
20	140	1515	26	84	70	2037	17.8	84	45	2400	13.6	83	25	2910	9.5	80	160-132	
28	100	1400	18.3	80	50	1870	12.4	79	32	2200	9.6	77	17.9	2660	6.8	73		
40	70	1525	14.9	75	35	2000	9.8	75	23	2330	7.5	73	12.5	2790	5.3	69		
49	57	1600	12.9	74	29	2080	8.4	74	18.4	2415	6.5	72	10.2	2870	4.6	66		
56	50	1630	11.5	74	25	2103	7.5	73	16.1	2423	5.7	71	8.9	2864	4.1	66		
70	40	1482	8.6	72	20	1900	5.9	68	12.9	2182	4.5	66	7.1	2570	3.2	61		
80	35	1424	7.6	69	17.5	1816	5.0	67	11.3	2079	3.8	65	6.3	2440	2.7	59		
100	28	1281	5.8	65	14.0	1622	3.8	63	9.0	1850	2.9	61	5.0	2163	2.1	54	132	

RI 215



260

ir	n ₁ = 2800 min ⁻¹ ⚠				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹				RMI	RMI...G
	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
7*	400	1660	77	90	200	2400	56	90	129	2900	44	89	71	3700	32	86	225-200	—
10*	280	2170	71	89	140	3041	50	89	90	3670	39	88	50	4600	28	85		
15*	187	2400	53	88	93	3300	37	88	60	3900	28	87	33	4800	20	83		
19,5	144	2500	43	87	72	3300	29	86	46	3900	22	85	26	4700	16	81	180-160 132	
28*	100	2400	29	86	50	3200	20	85	32	3200	12,8	84	17,9	4500	11	78		
40*	70	2400	22	81	35	3100	14,4	79	23	3600	11,0	77	12,5	4300	7,9	71		
50*	56	2400	18	78	28	3150	12,2	76	18,0	3650	9,3	74	10,0	4300	6,4	70		
57*	49	2284	15	76	25	2970	10,3	74	15,8	3465	8,1	71	8,8	4125	6,0	63		
69*	41	2400	13	76	20	3100	8,9	74	13,0	3600	6,9	71	7,2	4200	5,1	63		
80*	35	2200	12	70	17,5	2800	7,5	68	11,3	3200	5,9	64	6,3	3800	4,4	57		
100*	28	2150	9,0	70	14,0	2700	5,8	68	9,0	3100	4,6	64	5,0	3600	3,3	57		

RI 250



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ir	n ₁ = 2800 min ⁻¹ ⚠				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹				RMI	RMI...G
	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
7*	400	2200	102	90	200	3200	74	90	129	4000	61	89	71	5000	43	86	225-200	—
11*	255	3050	91	89	127	4270	64	89	82	5150	50	89	45	6400	36	85		
15*	187	3600	79	89	93	5000	55	89	60	6000	43	88	33	7300	30	84		
20*	140	3500	60	86	70	4800	41	86	45	5700	32	85	25	7000	23	80		
29,5*	95	3600	42	85	47	4800	28	84	31	5700	22	83	16,9	6850	15,6	78	180-160 132	
40*	70	3800	35	80	35	5000	23	79	23	5800	17,7	77	12,5	7000	12,9	71		
49*	57	3800	29	78	29	5000	19,4	77	18,4	5800	14,9	75	10,2	7000	10,8	69		
60*	47	3600	23	77	23	4700	15,1	76	15,0	5500	11,7	74	8,3	6500	8,5	67		
70*	40	3400	20	72	20	4400	13,0	71	12,9	5000	9,9	68	7,1	6000	7,4	61		
79*	35	3000	15,9	70	17,7	3900	10,5	69	11,4	4500	8,0	67	6,3	5300	5,9	60		
98*	29	3000	12,8	70	14,3	3900	8,5	69	9,2	4500	6,5	67	5,1	5300	4,7	60		

* A richiesta / On request / Auf Anfrage

⚠ ATTENZIONE!

Per situazioni con velocità di ingresso particolari attenersi alla tabella pagina A2.

I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

N.B. Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come nel par. 1.7-A). Per maggiori informazioni contattare l'ufficio tecnico STM.

⚠ WARNING!

If in presence of non standard input speed please attain to the page A2.

Listed weights are for reference only and can vary according to the gearbox version.

NOTE. Please pay attention to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. chapter 1.7-A). For details please contact our technical department.

⚠ ACHTUNG!

Mit unstandardisierte Antriebsgeschwindigkeit bitte auf Seite A2.

Die angegebenen Gewichte sind Richtwerte und können je nach Getriebeversion etwas variieren.

HINWEIS. Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten (s. S. 1.7-A). Für weitere Informationen wenden Sie sich bitte und unser technisches Büro.



1.6 Prestazioni riduttori CRI

1.6 CRI gearboxes performances

1.6 Leistungen der CRI-Getriebe

CRI 28/28



2.8

ir	i ₁ x _{i2}	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140	7x20	10.0	27	0.05	52	63 - 56	—
200	10x20	7.0	27	0.04	49		
280	10x28	5.0	27	0.03	42		
400	20x20	3.5	27	0.02	44		
600	15x40	2.3	27	0.02	35		
980	49x20	1.4	27	0.01	34	56	
1372	49x28	1.0	27	0.01	28		
1960	49x40	0.71	27	0.01	25		
2800	70x40	0.50	27	0.01	21		
4000	100x40	0.35	27	0.01	17		
5600	100x56	0.25	27	0.01	15		
7000	100x70	0.20	20	0.01	13		
8000	100x80	0.18	16	0.01	11		
10000	100x100	0.14	12	0.01	10		

CRI 28/40



3.5

ir	i ₁ xl ₂	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140	7x20	10.0	64	0.13	51	63 - 56	—
200	10x20	7.0	70	0.10	49		
280	10x28	5.0	70	0.08	43		
400	20x20	3.5	70	0.06	43		
600	15x40	2.3	70	0.05	33		
980	49x20	1.4	70	0.03	32	56	
1372	49x28	1.0	70	0.03	29		
1960	49x40	0.71	70	0.02	24		
2800	70x40	0.50	70	0.02	20		
4000	100x40	0.35	70	0.02	16		
5600	100x56	0.25	65	0.01	14		
7000	100x70	0.20	50	0.01	11		
8000	100x80	0.18	45	0.01	10		
10000	100x100	0.14	35	0.01	11		

CRI 40/40



4.2

ir	i ₁ x _{i2}	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140	7x20	10.0	64	0.13	52	71-63-56	71-63-56
200	10x20	7.0	70	0.10	50		
280	10x28	5.0	70	0.08	45		
400	20x20	3.5	70	0.06	44		
600	15x40	2.3	70	0.05	34		
980	49x20	1.4	70	0.03	33	63-56	
1372	49x28	1.0	70	0.03	29		
1960	49x40	0.71	70	0.02	24		
2800	70x40	0.50	70	0.02	19		
4000	100x40	0.35	70	0.01	18		
5600	100x56	0.25	65	0.01	15		
7000	100x70	0.20	50	0.01	12		
8000	100x80	0.18	45	0.01	11		
10000	100x100	0.14	35	0.01	12		

CRI 28/50



5.2

ir	i ₁ x _{i2}	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140	7x20	10.0	110	0.21	54	63 - 56	—
200	10x20	7.0	110	0.15	52		
280	10x28	5.0	110	0.13	46		
400	20x20	3.5	110	0.09	46		
600	15x40	2.3	110	0.07	38		
980	49x20	1.4	110	0.05	35	56	
1372	49x28	1.0	110	0.04	30		
1960	49x40	0.71	110	0.03	27		
2800	70x40	0.50	110	0.02	24		
4000	100x40	0.35	110	0.02	19		
5600	100x56	0.25	110	0.02	16		
7000	100x70	0.20	110	0.02	15		
8000	100x80	0.18	75	0.01	12		
10000	100x100	0.14	60	0.01	11		

CRI 40/50



5.9

ir	i ₁ x _{i2}	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %		
140	7x20	10.0	110	0.21	56	71-63-56	71-63-56
200	10x20	7.0	110	0.15	53		
280	10x28	5.0	110	0.12	47		
400	20x20	3.5	110	0.09	47		
600	15x40	2.3	110	0.07	39		
980	49x20	1.4	110	0.05	36	63 - 56	
1372	49x28	1.0	110	0.04	30		
1960	49x40	0.71	110	0.03	28		
2800	70x40	0.50	110	0.03	23		
4000	100x40	0.35	110	0.02	21		
5600	100x56	0.25	110	0.02	18		
7000	100x70	0.20	110	0.01	16		
8000	100x80	0.18	75	0.01	14		
10000	100x100	0.14	60	0.01	13		

CRI 28/63



7.4

ir	i ₁ x <i>i</i> ₂	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140	7x20	10.0	207	0.34	56	63 - 56	—
200	10x20	7.0	228	0.31	53		
280	10x28	5.0	250	0.29	46		
400	20x20	3.5	192	0.20	46		
600	15x40	2.3	250	0.16	38		
980	49x20	1.4	189	0.11	35	56	
1372	49x28	1.0	223	0.07	30		
1960	49x40	0.71	223	0.06	27		
2800	70x40	0.50	244	0.06	23		
4000	100x40	0.35	188	0.04	19		
5600	100x56	0.25	230	0.04	16		
7000	100x70	0.20	220	0.03	15		
8000	100x80	0.18	200	0.03	14		
10000	100x100	0.14	140	0.02	12		

I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

Listed weights are for reference only and can vary according to the gearbox version.

Die angegebenen Gewichte sind Richtwerte und können sich je nach Getriebeversion ändern.



1.6 Prestazioni riduttori CRI

1.6 CRI gearboxes performances

1.6 Leistungen der CRI-Getriebe

CRI 40/63



8.1

ir	$i_1 x i_2$	$n_1 = 1400 \text{ min}^{-1}$				CRMI	CRMI...G
		n_2 min^{-1}	T_{2M} Nm	P kW	RD %		
140	7x20	10.0	238	0.44	57	71 - 63 - 56	IEC
200	10x20	7.0	250	0.34	54		
280	10x28	5.0	250	0.28	47		
400	20x20	3.5	250	0.20	47		
600	15x40	2.3	250	0.16	39		
980	49x20	1.4	250	0.10	36	63 - 56	71 - 63 56
1372	49x28	1.0	250	0.09	30		
1960	49x40	0.71	250	0.07	27		
2800	70x40	0.50	250	0.06	22		
4000	100x40	0.35	250	0.04	21		
5600	100x56	0.25	250	0.04	18	10000	IEC
7000	100x70	0.20	220	0.03	16		
8000	100x80	0.18	200	0.02	15		
10000	100x100	0.14	140	0.02	13		

CRI 28/70



14.4

ir	$i_1 x i_2$	$n_1 = 1400 \text{ min}^{-1}$				CRMI	CRMI...G
		n_2 min^{-1}	T_{2M} Nm	P kW	RD %		
140	7x20	10.0	207	0.34	55	63 - 56	IEC
200	10x20	7.0	228	0.30	53		
280	10x28	5.0	271	0.28	45		
400	20x20	3.5	192	0.20	46		
600	15x40	2.3	316	0.20	38		
980	49x20	1.4	189	0.11	35	56	—
1372	49x28	1.0	223	0.08	29		
1960	49x40	0.71	288	0.08	27		
2800	70x40	0.50	244	0.04	25		
4000	100x40	0.35	188	0.04	18		
5600	100x56	0.25	230	0.05	16	10000	IEC
7000	100x70	0.20	245	0.03	14		
8000	100x80	0.18	256	0.04	13		
10000	100x100	0.14	190	0.02	12		

CRI 40/70



16.1

ir	$i_1 x i_2$	$n_1 = 1400 \text{ min}^{-1}$				CRMI	CRMI...G
		n_2 min^{-1}	T_{2M} Nm	P kW	RD %		
140	7x20	10.0	266	0.49	56	71 - 63 - 56	IEC
200	10x20	7.0	290	0.39	54		
280	10x28	5.0	290	0.33	46		
400	20x20	3.5	320	0.25	47		
600	15x40	2.3	316	0.20	39		
980	49x20	1.4	320	0.14	35	63 - 56	71 - 63 56
1372	49x28	1.0	320	0.12	30		
1960	49x40	0.71	320	0.09	27		
2800	70x40	0.50	320	0.08	22		
4000	100x40	0.35	320	0.06	20		
5600	100x56	0.25	300	0.04	18	10000	IEC
7000	100x70	0.20	290	0.04	15		
8000	100x80	0.18	270	0.04	14		
10000	100x100	0.14	190	0.02	13		

CRI 50/70



16.8

ir	$i_1 x i_2$	$n_1 = 1400 \text{ min}^{-1}$				CRMI	CRMI...G
		n_2 min^{-1}	T_{2M} Nm	P kW	RD %		
140	7x20	10.0	266	0.49	57	80 - 71	IEC
200	10x20	7.0	290	0.39	55		
280	10x28	5.0	290	0.32	47		
400	20x20	3.5	320	0.24	49		
600	15x40	2.3	316	0.19	41		
980	49x20	1.4	320	0.12	39	71 - 63	80 - 71 63
1372	49x28	1.0	320	0.10	33		
1960	49x40	0.71	320	0.08	30		
2800	70x40	0.50	320	0.06	26		
4000	100x40	0.35	320	0.05	22		
5600	100x56	0.25	300	0.04	19	10000	IEC
7000	100x70	0.20	290	0.04	16		
8000	100x80	0.18	270	0.03	15		
10000	100x100	0.14	190	0.02	14		

CRI 63/70



19.0

ir	$i_1 x i_2$	$n_1 = 1400 \text{ min}^{-1}$				CRMI	CRMI...G
		n_2 min^{-1}	T_{2M} Nm	P kW	RD %		
140	7x20	10.0	266	0.49	57	90 - 80 - 71	IEC
200	10x20	7.0	290	0.38	56		
280	10x28	5.0	290	0.32	47		
400	20x20	3.5	320	0.25	47		
600	15x40	2.3	316	0.19	41		
980	49x20	1.4	320	0.12	40	80 - 71	90 - 80 71
1372	49x28	1.0	320	0.10	33		
1960	49x40	0.71	320	0.08	31		
2800	70x40	0.50	320	0.06	27		
4000	100x40	0.35	320	0.05	23		
5600	100x56	0.25	300	0.04	20	10000	IEC
7000	100x70	0.20	290	0.04	17		
8000	100x80	0.18	270	0.03	16		
10000	100x100	0.14	190	0.02	15		

CRI 40/85



20

ir	$i_1 x i_2$	$n_1 = 1400 \text{ min}^{-1}$				CRMI	CRMI...G
		n_2 min^{-1}	T_{2M} Nm	P kW	RD %		
140	7x20	10.0	500	0.89	59	71 - 63 - 56	IEC
200	10x20	7.0	500	0.66	56		
280	10x28	5.0	500	0.57	46		
400	20x20	3.5	500	0.37	49		
600	15x40	2.3	500	0.31	40		
980	49x20	1.4	500	0.20	37	63 - 56	71 - 63 56
1372	49x28	1.0	500	0.18	29		
1960	49x40	0.71	500	0.14	27		
2800	70x40	0.50	500	0.12	22		
4000	100x40	0.35	500	0.09	21		
5600	100x56	0.25	500	0.07	19	10000	IEC
7000	100x70	0.20	460	0.06	17		
8000	100x80	0.18	460	0.05	16		
10000	100x100	0.14	350	0.04	14		

I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

Listed weights are for reference only and can vary according to the gearbox version.

Die angegebenen Gewichte sind Richtwerte und können sich je nach Getriebeversion ändern.



1.6 Prestazioni riduttori CRI

1.6 CRI gearboxes performances

1.6 Leistungen der CRI-Getriebe

CRI 50/85



22

ir	i ₁ xl ₂	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140	7x20	10.0	500	0.88	60	80 - 71	80 - 71 63
200	10x20	7.0	500	0.65	57		
280	10x28	5.0	500	0.56	47		
400	20x20	3.5	500	0.36	51		
600	15x40	2.3	500	0.29	42		
980	49x20	1.4	500	0.18	41	71 - 63	
1372	49x28	1.0	500	0.17	32		
1960	49x40	0.71	500	0.12	30		
2800	70x40	0.50	500	0.10	26		
4000	100x40	0.35	500	0.08	22		
5600	100x56	0.25	500	0.06	21		
7000	100x70	0.20	460	0.05	18		
8000	100x80	0.18	460	0.05	17		
10000	100x100	0.14	350	0.04	14		

CRI 63/85



24

ir	i ₁ x <i>i</i> ₂	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140	7x20	10.0	500	0.88	60	90 - 80 - 71	90 - 80 71
200	10x20	7.0	500	0.64	57		
280	10x28	5.0	500	0.55	47		
400	20x20	3.5	500	0.35	52		
600	15x40	2.3	500	0.29	42		
980	49x20	1.4	500	0.18	42	71 - 80	
1372	49x28	1.0	500	0.16	33		
1960	49x40	0.71	500	0.12	31		
2800	70x40	0.50	500	0.10	27		
4000	100x40	0.35	500	0.08	23		
5600	100x56	0.25	500	0.06	22		
7000	100x70	0.20	460	0.05	19		
8000	100x80	0.18	460	0.05	18		
10000	100x100	0.14	350	0.03	15		

CRI 70/85



31

ir	i ₁ x _i ₂	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140	7x20	10.0	500	0.87	60	100-90-80	—
200	10x20	7.0	500	0.64	57		
280	10x28	5.0	500	0.55	47		
400	20x20	3.5	500	0.36	52		
600	15x40	2.3	500	0.29	42		
980	49x20	1.4	500	0.18	42	90 - 80	
1372	49x28	1.0	500	0.16	33	100-90-80	
1960	49x40	0.71	500	0.12	31	80 - 71	
2800	70x40	0.50	500	0.10	27		
4000	100x40	0.35	500	0.08	23		
5600	100x56	0.25	500	0.06	22		
7000	100x70	0.20	460	0.05	19		
8000	100x80	0.18	460	0.05	18		
10000	100x100	0.14	350	0.03	15		

CRI 50/110



42

ir	i ₁ x _i ₂	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140	7x20	10.0	1000	1.7	60	80 - 71	80 - 71 - 63
200	10x20	7.0	1000	1.3	58		
280	10x28	5.0	1000	1.0	50		
400	20x20	3.5	1000	0.71	52		
600	15x40	2.3	1000	0.56	44		
980	49x20	1.4	1000	0.37	41	71 - 63	
1372	49x28	1.0	1000	0.31	34		
1960	49x40	0.71	1000	0.24	32		
2800	70x40	0.50	1000	0.19	27		
4000	100x40	0.35	1000	0.16	23		
5600	100x56	0.25	1000	0.12	21		
7000	100x70	0.20	960	0.11	19		
8000	100x80	0.18	860	0.09	18		
10000	100x100	0.14	700	0.06	16		

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ir	i ₁ x <i>i</i> ₂	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140	7x20	10.0	1000	1.7	60	90 - 80 - 71	90 - 80 71
200	10x20	7.0	1000	1.2	59		
280	10x28	5.0	1000	1.0	51		
400	20x20	3.5	1000	0.70	52		
600	15x40	2.3	1000	0.56	44		
980	49x20	1.4	1000	0.36	42	80 - 71	
1372	49x28	1.0	1000	0.31	35		
1960	49x40	0.71	1000	0.23	32		
2800	70x40	0.50	1000	0.18	28		
4000	100x40	0.35	1000	0.15	24		
5600	100x56	0.25	1000	0.12	22		
7000	100x70	0.20	960	0.10	20		
8000	100x80	0.18	860	0.08	19		
10000	100x100	0.14	700	0.06	17		

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51

ir	i ₁ x <i>i</i> ₂	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140	7x20	10.0	1000	1.7	61	100-90-80	—
200	10x20	7.0	1000	1.2	59		
280	10x28	5.0	1000	1.0	51		
400	20x20	3.5	1000	0.70	52		
600	15x40	2.3	1000	0.56	44		
980	49x20	1.4	1000	0.36	42	100-90-80	
1372	49x28	1.0	1000	0.31	35	80 - 71	
1960	49x40	0.71	1000	0.23	32		
2800	70x40	0.50	1000	0.19	28		
4000	100x40	0.35	1000	0.15	24		
5600	100x56	0.25	1000	0.12	22		
7000	100x70	0.20	960	0.10	20		
8000	100x80	0.18	860	0.08	19		
10000	100x100	0.14	700	0.06	17		

I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

Listed weights are for reference only and can vary according to the gearbox version.

Die angegebenen Gewichte sind Richtwerte und können sich je nach Getriebeversion ändern.



1.6 Prestazioni riduttori CRI

1.6 CRI gearboxes performances

1.6 Leistungen der CRI-Getriebe

CRI 85/110



56

ir	i ₁ x <i>i</i> ₂	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140	7x20	10.0	1000	1.7	61	112-100 90	—
200	10x20	7.0	1000	1.2	60		
280	10x28	5.0	1000	1.0	51		
400	20x20	3.5	1000	0.68	54		
600	15x40	2.3	1000	0.55	45		
980	49x20	1.4	1000	0.35	42	90 - 80	
1372	49x28	1.0	1000	0.30	35		
1960	49x40	0.71	1000	0.23	33		
2800	70x40	0.50	1000	0.18	30		
4000	100x40	0.35	1000	0.14	25		
5600	100x56	0.25	1000	0.11	23		
7000	100x70	0.20	960	0.10	21		
8000	100x80	0.18	860	0.08	20		
10000	100x100	0.14	700	0.06	17		

CRI 63/130



54

ir	i ₁ x <i>i</i> ₂	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140	7x20	10.0	1660	2.8	61	90 - 80 - 71	90 - 80 71
200	10x20	7.0	1800	2.2	59		
280	10x28	5.0	1600	1.7	51		
400	20x20	3.5	1800	1.3	51		
600	15x40	2.3	1800	1.0	43		
980	49x20	1.4	1800	0.64	42	80 - 71	
1372	49x28	1.0	1800	0.56	35		
1960	49x40	0.71	1800	0.42	32		
2800	70x40	0.50	1800	0.34	28		
4000	100x40	0.35	1800	0.28	24		
5600	100x56	0.25	1700	0.19	23		
7000	100x70	0.20	1700	0.17	20		
8000	100x80	0.18	1600	0.15	20		
10000	100x100	0.14	1250	0.11	17		

CRI 70/130



61

ir	i ₁ x <i>i</i> ₂	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140	7x20	10.0	1660	2.8	62	100-90-80	—
200	10x20	7.0	1800	2.2	59		
280	10x28	5.0	1600	1.7	51		
400	20x20	3.5	1800	1.2	53		
600	15x40	2.3	1800	1.0	43		
980	49x20	1.4	1800	0.64	42	100-90-80	
1372	49x28	1.0	1800	0.56	35	80 - 71	
1960	49x40	0.71	1800	0.42	32		
2800	70x40	0.50	1800	0.34	27		
4000	100x40	0.35	1800	0.28	24		
5600	100x56	0.25	1700	0.19	23		
7000	100x70	0.20	1700	0.17	20		
8000	100x80	0.18	1600	0.15	20		
10000	100x100	0.14	1250	0.11	17		

CRI 85/130



66

ir	i ₁ x <i>i</i> ₂	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140	7x20	10.0	1660	2.8	62	112-100 90	—
200	10x20	7.0	1800	2.2	60		
280	10x28	5.0	1600	1.6	51		
400	20x20	3.5	1800	1.2	55		
600	15x40	2.3	1800	1.0	44		
980	49x20	1.4	1800	0.63	43	90 - 80	
1372	49x28	1.0	1800	0.55	35		
1960	49x40	0.71	1800	0.41	33		
2800	70x40	0.50	1800	0.32	29		
4000	100x40	0.35	1800	0.26	25		
5600	100x56	0.25	1700	0.19	24		
7000	100x70	0.20	1700	0.17	21		
8000	100x80	0.18	1600	0.14	21		
10000	100x100	0.14	1250	0.10	18		

CRI 85/150



95

ir	i ₁ x _i ₂	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140	7x20	10.0	2620	4.3	64	112-100 90	—
200	10x20	7.0	2850	3.4	61		
280	10x28	5.0	2510	2.5	53		
400	20x20	3.5	2900	1.9	55		
600	15x40	2.3	2880	1.6	45		
980	49x20	1.4	2900	0.98	44	90 - 80	
1372	49x28	1.0	2900	0.84	37		
1960	49x40	0.71	2900	0.64	34		
2800	70x40	0.50	2900	0.50	31		
4000	100x40	0.35	2900	0.42	25		
5600	100x56	0.25	2900	0.30	25		
7000	100x70	0.20	2600	0.25	22		
8000	100x80	0.18	2600	0.23	21		
10000	100x100	0.14	1950	0.15	19		

CRI 110/150



115

ir	i ₁ x _i ₂	n ₁ = 1400 min ⁻¹				CRMI	CRMI..C
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %		
140	7x20	10.0	2620	4.3	65	132-112-100	—
200	10x20	7.0	2850	3.4	62		
280	10x28	5.0	2510	2.5	54		
400	20x20	3.5	2900	1.9	57	112-100	
600	15x40	2.3	2880	1.5	46	132-112-100	
980	49x20	1.4	2900	0.92	47	112-100-90	
1372	49x28	1.0	2900	0.79	39		
1960	49x40	0.71	2900	0.60	36		
2800	70x40	0.50	2900	0.47	32		
4000	100x40	0.35	2900	0.39	27		
5600	100x56	0.25	2900	0.28	27		
7000	100x70	0.20	2600	0.23	23		
8000	100x80	0.18	2600	0.21	22		
10000	100x100	0.14	1950	0.14	21		

I pesi riportati sono indicativi e possono variare in funzione della versione del riduttore.

Listed weights are for reference only and can vary according to the gearbox version.

Die angegebenen Gewichte sind Richtwerte und können sich je nach Getriebeversion ändern.



1.6 Prestazioni riduttori CRI

1.6 CRI gearboxes performances

1.6 Leistungen der CRI-Getriebe

CRI 85/180



148

ir	i ₁ x _{i2}	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140	7x20	10.0	3750	6.1	65	112-100 90	—
200	10x20	7.0	4095	4.8	62		
280	10x28	5.0	3700	3.5	55		
400	20x20	3.5	4400	3.0	56		
600	15x40	2.3	4160	2.2	46		
980	49x20	1.4	3850	1.6	44	90 - 80	
1372	49x28	1.0	4600	1.3	38		
1960	49x40	0.71	4600	1.0	34		
2800	70x40	0.50	4600	0.79	31		
4000	100x40	0.35	4250	0.62	26		
5600	100x56	0.25	4600	0.48	25		
7000	100x70	0.20	4600	0.44	22		
8000	100x80	0.18	4200	0.37	21		
10000	100x100	0.14	3300	0.26	19		

CRI 110/180



168

ir	i ₁ x _{i2}	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140	7x20	10.0	3750	6.0	65	132-112-100	—
200	10x20	7.0	4095	4.8	63		
280	10x28	5.0	3700	3.5	55		
400	20x20	3.5	4600	2.9	58		
600	15x40	2.3	4160	2.2	47		
980	49x20	1.4	4600	1.5	47	132-112-100	
1372	49x28	1.0	4600	1.2	40	112-100-90	
1960	49x40	0.71	4600	0.96	36		
2800	70x40	0.50	4600	0.75	32		
4000	100x40	0.35	4600	0.60	28		
5600	100x56	0.25	4600	0.45	27		
7000	100x70	0.20	4600	0.41	23		
8000	100x80	0.18	4200	0.35	22		
10000	100x100	0.14	3300	0.24	20		

CRI 130/180



178

ir	i ₁ xi ₂	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140	7x20	10.0	3750	5.9	67	132-112-100	—
200	10x20	7.0	4095	4.7	64		
280	10x28	5.0	3700	3.4	57		
400	20x20	3.5	4600	2.9	59		
600	15x40	2.3	4160	2.1	48		
980	49x20	1.4	4600	1.4	48	112-100	
1372	49x28	1.0	4600	1.2	41		
1960	49x40	0.71	4600	0.95	36		
2800	70x40	0.50	4600	0.72	34		
4000	100x40	0.35	4600	0.58	29		
5600	100x56	0.25	4600	0.43	28		
7000	100x70	0.20	4600	0.40	24		
8000	100x80	0.18	4200	0.33	23		
10000	100x100	0.14	3300	0.23	21		

CRI 110/215



298

ir	i ₁ x _{i2}	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
136,5*	7X19,5	10,3	6115	9,8	67	132-112-100	—
195*	10X19,5	7,2	6624	7,7	65		
293*	15X19,5	4,8	7203	5,9	61		
390*	20X19,5	3,6	7200	4,5	60		
600*	15X40	2,3	6346	3,0	51		
956*	49X19,5	1,5	7200	2,3	48	132-112-100	
1372*	49X28	1,0	7200	1,7	47	112-100-90	
1960*	49X40	0,71	7200	1,4	39		
2800*	70X40	0,50	7200	1,1	35		
4000*	100X40	0,35	7200	0,86	31		
5700*	100X57	0,25	7200	0,69	27		
6900*	100X69	0,20	7200	0,57	27		
8000*	100X80	0,18	6800	0,58	22		
10000*	100X100	0 14	5700	0 37	23		

CRI 130/250



508

ir	i ₁ Xi ₂	n ₁ = 1400 min ⁻¹				CRMI	CRMI...G
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	IEC	
140*	7X20	10,0	9008	14,5	65	132-112-100	—
200*	10X20	7,0	9773	12,0	60		
300*	15X20	4,7	10500	8,4	61		
400*	20X20	3,5	10500	7,2	53		
600*	15X40	2,3	10322	5,5	46		
980*	49X20	1,4	10500	3,3	48	112-100	
1446*	49X29,5	1,0	10500	2,6	41		
1960*	49X40	0,71	10500	2,0	39		
2800*	70X40	0,50	10500	1,4	38		
4000*	100X40	0,35	10500	1,2	31		
6000*	100X60	0,23	10500	1,1	23		
7000*	100X70	0,20	10500	0,88	25		
7900*	100X79	0,18	9000	0,67	25		
9800*	100X98	0,14	9000	0,59	23		

* A richiesta / On request / Auf Anfrage

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Die angegebenen Gewichte sind Richtwerte und können sich je nach Getriebeversion ändern.



1.6 Prestazioni riduttori CR

1.6 CR gearboxes performances

1.6 Leistungen der CR-Getriebe

CR 40



3.5

ir	$i_1 x i_2$	$n_1 = 2800 \text{ min}^{-1}$				$n_1 = 1400 \text{ min}^{-1}$				$n_1 = 900 \text{ min}^{-1}$				$n_1 = 500 \text{ min}^{-1}$				IEC
		n_2 min^{-1}	T_{2M} Nm	P kW	RD %	n_2 min^{-1}	T_{2M} Nm	P kW	RD %	n_2 min^{-1}	T_{2M} Nm	P kW	RD %	n_2 min^{-1}	T_{2M} Nm	P kW	RD %	
44.3	2.9x15	63	49	0.43	75	32	59	0.27	73	20	65	0.19	71	11.3	70	0.12	69	63 56
50.5	3.4X15	55	49	0.38	75	28	59	0.23	73	17.8	65	0.17	71	9.9	70	0.11	68	
58.2	3.9X15	48	52	0.35	75	24	65	0.23	71	15.5	70	0.16	69	8.6	70	0.09	68	
68.0	4.5X15	41	56	0.32	74	21	65	0.20	71	13.2	70	0.14	69	7.4	70	0.08	66	
82.7	3.0X28	34	50	0.28	64	16.9	59	0.17	61	10.9	65	0.13	59	6.0	70	0.08	56	
108.7	3.9X28	26	52	0.22	63	12.9	65	0.15	59	8.3	70	0.11	56	4.6	70	0.06	55	
126.9	4.5X28	22	56	0.21	62	11.0	65	0.13	59	7.1	70	0.09	56	3.9	70	0.06	52	
165.1	3.4X49	17.0	43	0.14	53	8.5	50	0.09	49	5.5	56	0.07	45	3.0	65	0.05	43	
222.1	4.5X49	12.6	48	0.12	51	6.3	56	0.08	47	4.1	61	0.06	44	2.3	70	0.04	41	
295.2	3.0X100	9.5	30	0.07	41	4.7	31	0.04	38	3.0	33	0.03	36	1.7	34	0.02	34	
336.8	3.4X100	8.3	30	0.06	41	4.2	31	0.04	38	2.7	33	0.03	35	1.5	35	0.02	33	
388.2	3.9X100	7.2	30	0.06	41	3.6	33	0.03	36	2.3	34	0.02	34	1.3	35	0.01	33	
453.0	4.5X100	6.2	31	0.05	40	3.1	33	0.03	36	2.0	34	0.02	33	1.1	35	0.01	31	

CR 50



5

ir	$i_1 x i_2$	$n_1 = 2800 \text{ min}^{-1}$				$n_1 = 1400 \text{ min}^{-1}$				$n_1 = 900 \text{ min}^{-1}$				$n_1 = 500 \text{ min}^{-1}$				IEC
		n_2 min^{-1}	T_{2M} Nm	P kW	RD %	n_2 min^{-1}	T_{2M} Nm	P kW	RD %	n_2 min^{-1}	T_{2M} Nm	P kW	RD %	n_2 min^{-1}	T_{2M} Nm	P kW	RD %	
48.3	3.2x15	58	89	0.68	79	29	106	0.42	77	18.6	108	0.28	75	10.4	110	0.16	73	71 63 56
52.1	3.5X15	54	94	0.67	79	27	108	0.40	76	17.3	110	0.27	74	9.6	110	0.15	73	
61.0	4.1X15	46	94	0.57	79	23	108	0.34	76	14.8	110	0.23	74	8.2	110	0.13	73	
73.3	2.6X28	38	92	0.55	67	19.1	109	0.34	64	12.3	110	0.23	62	6.8	110	0.13	59	
90.2	3.2X28	31	92	0.45	67	15.5	109	0.28	64	10.0	110	0.19	59	5.5	110	0.11	58	
97.2	3.5X28	29	97	0.44	66	14.4	110	0.27	62	9.3	110	0.18	59	5.1	110	0.10	58	
113.9	4.1X28	25	97	0.38	66	12.3	110	0.23	62	7.9	110	0.15	59	4.4	110	0.09	58	
170.1	3.5X49	16.5	86	0.26	58	8.2	103	0.17	53	5.3	110	0.12	50	2.9	110	0.07	49	
199.3	4.1X49	14.0	86	0.22	58	7.0	103	0.14	53	4.5	110	0.10	50	2.5	110	0.06	49	
261.9	2.6X100	10.7	59	0.15	44	5.3	60	0.08	40	3.4	60	0.06	38	1.9	60	0.03	35	
289.5	5.9x49	9.7	96	0.21	47	4.8	110	0.11	50	3.1	110	0.07	49	1.7	110	0.04	47	
347.0	3.5X100	8.1	60	0.12	43	4.0	60	0.07	38	2.6	60	0.05	35	1.4	60	0.03	34	
406.7	4.1X100	6.9	60	0.10	43	3.4	60	0.06	38	2.2	60	0.04	35	1.2	60	0.02	34	
590.9	5.9x100	4.7	60	0.07	40	2.4	60	0.04	35	1.5	60	0.03	34	0.8	60	0.02	32	

CR 70



16

ir	$i_1 x i_2$	$n_1 = 2800 \text{ min}^{-1}$				$n_1 = 1400 \text{ min}^{-1}$				$n_1 = 900 \text{ min}^{-1}$				$n_1 = 500 \text{ min}^{-1}$				IEC
		n_2 min^{-1}	T_{2M} Nm	P kW	RD %	n_2 min^{-1}	T_{2M} Nm	P kW	RD %	n_2 min^{-1}	T_{2M} Nm	P kW	RD %	n_2 min^{-1}	T_{2M} Nm	P kW	RD %	
44.3	2.95x15	63	170	1.4	78	32	205	0.89	76	20	234	0.67	74	11.3	263	0.43	72	90 80 71 63
50.8	3.4X15	55	170	1.3	78	28	205	0.78	76	17.7	234	0.59	73	9.8	290	0.43	70	
59.1	3.9X15	47	181	1.2	78	24	234	0.78	74	15.2	263	0.58	72	8.5	290	0.37	70	
69.6	4.6X15	40	193	1.1	77	20	234	0.67	74	12.9	263	0.49	72	7.2	312	0.34	69	
82.6	2.95X28	34	170	0.89	68	16.9	202	0.56	64	10.9	228	0.42	62	6.1	254	0.27	59	
110.3	3.9X28	25	180	0.71	67	12.7	228	0.49	62	8.2	254	0.37	59	4.5	290	0.24	57	
130.0	4.6X28	22	191	0.66	66	10.8	228	0.42	62	6.9	254	0.31	59	3.8	298	0.22	55	
166.1	3.4X49	16.9	190	0.56	60	8.4	223	0.35	56	5.4	250	0.28	51	3.0	290	0.19	48	
227.5	4.6X49	12.3	212	0.48	57	6.2	250	0.30	53	4.0	276	0.23	50	2.2	320	0.16	46	
295.0	2.95x100	9.5	144	0.30	47	4.7	166	0.19	43	3.1	175	0.14	40	1.7	183	0.09	37	
302.9	6.2X49	9.2	223	0.42	51	4.6	276	0.27	49	3.0	290	0.19	47	1.7	320	0.12	46	
338.9	3.4X100	8.3	144	0.27	47	4.1	166	0.17	43	2.7	175	0.13	38	1.5	188	0.08	36	
393.8	3.9X100	7.1	151	0.24	46	3.6	175	0.16	40	2.3	183	0.12	37	1.3	188	0.07	36	
464.3	4.6X100	6.3	159	0.23	45	3.1	175	0.14	40	2.0	183	0.10	37	1.1	190	0.07	34	
618.2	6.2x100	4.5	166	0.18	43	2.3	183	0.12	36	1.5	188	0.08	35	0.8	190	0.05	34	

I pesi riportati sono indicativi e possono variare in funzione della versione del

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Die angegebenen Gewichte sind Richtwerte und können je nach Getriebe-



1.6 Prestazioni riduttori CR

16 CR gearboxes performances

1.6 Leistungen der CR-Getriebe

CR 85



36

ir	i ₁ x _{i2}	n ₁ = 2800 min ⁻¹				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹				IEC
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	
43.0	2.9x15	65	333	2.9	79	33	403	1.8	77	21	452	1.3	75	11.6	500	0.83	73	90
51.3	3.4X15	55	333	2.4	79	27	403	1.5	77	17.5	500	1.3	73	9.7	500	0.72	71	
59.1	3.9X15	47	354	2.2	79	24	452	1.5	75	15.2	500	1.1	73	8.5	500	0.62	71	
69.0	4.6X15	41	379	2.1	78	20	452	1.3	75	13.0	500	0.94	73	7.2	500	0.55	69	
80.2	2.9X28	35	319	1.7	69	17.5	381	1.1	65	11.2	431	0.82	62	6.2	480	0.53	59	
110.4	3.9X28	25	338	1.3	68	12.7	431	0.92	62	8.2	480	0.69	59	4.5	500	0.42	57	
128.8	4.6X28	22	360	1.2	67	10.9	431	0.79	62	7.0	480	0.60	59	3.9	500	0.37	55	
167.6	3.4X49	16.7	329	0.93	62	8.4	387	0.58	58	5.4	480	0.52	52	3.0	500	0.31	50	
225.4	4.6X49	12.4	347	0.69	60	6.2	434	0.51	55	4.0	480	0.39	52	2.2	500	0.24	48	
286.4	2.9X100	9.8	243	0.50	50	4.9	281	0.33	44	3.1	304	0.24	42	1.7	327	0.15	39	
342.1	3.4X100	8.2	243	0.42	50	4.1	281	0.27	44	2.6	327	0.23	39	1.5	337	0.14	37	80
394.1	3.9X100	7.1	255	0.40	48	3.6	304	0.27	42	2.3	327	0.20	39	1.3	337	0.12	37	
460.0	4.6X100	6.1	268	0.37	46	3.0	304	0.23	42	2.0	327	0.17	39	1.1	350	0.11	35	

CR 110



50

ir	i ₁ x _{i2}	n ₁ = 2800 min ⁻¹				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹				IEC
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	
43.0	2.9x15	65	632	5.4	80	33	769	3.4	78	21	880	2.5	76	11.6	990	1.6	74	112
51.3	3.4X15	55	632	4.5	80	27	769	2.8	78	17.5	990	2.5	74	9.7	1000	1.4	72	
59.1	3.9X15	47	674	4.2	80	24	880	2.9	76	15.2	990	2.1	74	8.5	1000	1.2	72	
69.0	4.6X15	41	722	3.9	79	20	880	2.5	76	13.0	990	1.8	74	7.2	1000	1.1	70	
80.2	2.9X28	35	665	3.4	72	17.5	796	2.1	69	11.2	898	1.6	66	6.2	1000	1.0	63	
110.4	3.9X28	25	705	2.6	72	12.7	898	1.8	66	8.2	1000	1.4	63	4.5	1000	0.78	61	
128.8	4.6X28	22	751	2.4	71	10.9	898	1.5	66	7.0	1000	1.2	63	3.9	1000	0.70	58	
167.6	3.4X49	16.7	667	1.8	66	8.4	786	1.1	62	5.4	976	0.98	56	3.0	1000	0.59	53	
225.4	4.6X49	12.4	745	1.5	64	6.2	881	0.97	59	4.0	976	0.73	56	2.2	1000	0.46	51	
286.4	2.9X100	9.8	503	0.97	53	4.9	583	0.61	49	3.1	617	0.42	48	1.7	650	0.28	42	90
342.1	3.4X100	8.2	503	0.81	53	4.1	583	0.51	49	2.6	650	0.43	42	1.5	670	0.26	40	
394.1	3.9X100	7.1	528	0.76	52	3.6	617	0.48	48	2.3	650	0.37	42	1.3	670	0.22	40	
460.0	4.6X100	6.1	556	0.70	51	3.0	617	0.42	47	2.0	650	0.32	42	1.1	700	0.21	38	

CR 130



67

ir	i ₁ x _{i2}	n ₁ = 2800 min ⁻¹				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹				IEC
		n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	n ₂ min ⁻¹	T _{2M} Nm	P kW	RD %	
40,4	5,77x7	69	1110	10,1	80	35	1372	6,4	78	22	1540	4,7	77	12,4	1800	3,1	76	180
50,4	7,2x7	56	1194	8,7	79	28	1456	5,5	78	17,9	1624	4,0	77	9,9	1800	2,5	75	
57,7	5,77x10	49	1196	7,7	79	24	1455	4,8	77	15,6	1621	3,5	76	8,7	1800	2,2	74	
72,0	7,2x10	39	1279	6,7	78	19,4	1538	4,1	76	12,5	1704	3,0	75	6,9	1800	1,8	73	
85,3	4,26x20	33	1200	5,6	74	16,4	1445	3,5	72	10,6	1602	2,5	70	5,9	1810	1,6	68	
115,4	5,77x20	24	1307	4,5	73	12,1	1553	2,8	71	7,8	1709	2,0	69	4,3	1800	1,2	67	
144,0	7,2x20	19,4	1386	3,9	72	9,7	1631	2,4	70	6,3	1788	1,7	68	3,5	1800	1,0	66	
161,5	5,77x28	17,3	1158	3,2	65	8,7	1387	2,0	62	5,6	1534	1,5	59	3,1	1800	1,0	57	
201,6	7,2x28	13,9	1231	2,8	64	6,9	1461	1,8	61	4,5	1607	1,3	58	2,5	1800	0,84	56	
230,8	5,77x40	12,1	1262	2,6	62	6,1	1493	1,6	58	3,9	1641	1,2	56	2,2	1800	0,77	53	90
288,0	7,2x40	9,7	1336	2,2	61	4,9	1567	1,4	57	3,1	1715	1,0	55	1,7	1800	0,63	52	
323,1	5,77x56	8,7	1100	1,7	59	4,3	1299	1,1	56	2,8	1426	0,78	53	1,5	1700	0,55	50	
403,2	7,2x56	6,9	1163	1,5	58	3,5	1363	0,91	54	2,2	1490	0,67	52	1,2	1700	0,45	49	
504,0	7,2x70	5,6	1161	1,3	54	2,8	1347	0,78	50	1,8	1465	0,57	48	1,0	1700	0,39	45	80
576,0	7,2x80	4,9	1105	1,1	52	2,4	1281	0,67	49	1,6	1393	0,49	47	0,87	1600	0,33	44	
720,0	7,2x100	3,9	967	0,83	48	1,9	1113	0,51	44	1,3	1206	0,38	42	0,69	1250	0,23	39	

I pesi riportati sono indicativi e possono variare in funzione della versione del

Listed weights are for reference only and can vary according to the gearbox version.

Die angegebenen Gewichte sind Richtwerte und können je nach Getriebe-



1.6 Prestazioni riduttori CR

16 CR gearboxes performances

1.6 Leistungen der CR-Getriebe

CR 150



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ir	$i_1 \times i_2$	$n_1 = 2800 \text{ min}^{-1}$				$n_1 = 1400 \text{ min}^{-1}$				$n_1 = 900 \text{ min}^{-1}$				$n_1 = 500 \text{ min}^{-1}$				IEC
		n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	
		min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	
40,4	5,77x7	69	1689	15,2	81	35	2091	9,6	79	22	2348	7,0	78	12,4	2900	4,9	76	180 160 132 112 100 90 80 71 63
50,4	7,2x7	56	1818	13,2	80	28	2220	8,2	78	17,9	2476	6,0	77	9,9	2900	4,0	76	
57,7	5,77x10	49	1807	11,6	79	24	2212	7,3	77	15,6	2471	5,3	76	8,7	2900	3,5	74	
72,0	7,2x10	39	1936	10,0	79	19,4	2342	6,2	77	12,5	2600	4,5	75	6,9	2900	2,9	74	
85,3	4,26x20	33	1888	8,6	76	16,4	2287	5,4	73	10,6	2541	3,9	72	5,9	2879	2,5	69	
115,4	5,77x20	24	2062	7,0	75	12,1	2461	4,3	72	7,8	2715	3,1	70	4,3	2900	1,9	68	
144,0	7,2x20	19,4	2190	6,0	74	9,7	2589	3,7	71	6,3	2843	2,7	70	3,5	2900	1,6	68	
161,5	5,77x28	17,3	1848	5,0	67	8,7	2214	3,2	63	5,6	2448	2,3	61	3,1	2900	1,6	59	
201,6	7,2x28	13,9	1965	4,4	66	6,9	2332	2,7	62	4,5	2565	2,0	60	2,5	2900	1,3	58	
230,8	5,77x40	12,1	1980	4,0	64	6,1	2353	2,5	60	3,9	2591	1,8	58	2,2	2900	1,2	55	
288,0	7,2x40	9,7	2099	3,4	62	4,9	2472	2,1	59	3,1	2710	1,6	57	1,7	2900	0,98	54	
323,1	5,77x56	8,7	1797	2,7	61	4,3	2116	1,7	58	2,8	2320	1,2	55	1,5	2591	0,80	53	
403,2	7,2x56	6,9	1899	2,3	60	3,5	2218	1,4	56	2,2	2422	1,0	54	1,2	2900	0,73	51	
504,0	7,2x70	5,6	1705	1,8	55	2,8	1986	1,1	51	1,8	2165	0,83	49	1,0	2600	0,59	46	
576,0	7,2x80	4,9	1620	1,5	53	2,4	1877	0,96	50	1,6	2041	0,70	47	0,87	2259	0,46	44	
720,0	7,2x100	3,9	1451	1,2	50	1,9	1679	0,74	46	1,3	1823	0,54	44	0,69	1950	0,34	41	

CR 180



163

ir	$i_1 \times i_2$	$n_1 = 2800 \text{ min}^{-1}$				$n_1 = 1400 \text{ min}^{-1}$				$n_1 = 900 \text{ min}^{-1}$				$n_1 = 500 \text{ min}^{-1}$				IEC
		n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	n_2	T_{2M}	P	RD	
		min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	min^{-1}	Nm	kW	%	
37,3	5,33x7	75	2349	22,7	81	38	2958	14,6	80	24	3347	10,8	78	13,4	3864	7,0	77	225 200 180 160 132 112 100 90 80 71 63
52,5	7,5x7	53	2648	18,4	81	27	3258	11,6	79	17,1	3647	8,4	78	9,5	4164	5,5	76	
62,0	6,2x10	45	2607	15,4	80	23	3187	9,7	78	14,5	3557	7,1	77	8,1	4049	4,6	75	
75,0	7,5x10	37	2766	13,6	79	18,7	3346	8,5	77	12,0	3716	6,1	76	6,7	4208	3,9	74	
85,0	4,25x20	33	2707	12,2	76	16,5	3312	7,7	74	10,6	3698	5,7	72	5,9	4211	3,7	70	
106,7	5,33x20	26	2905	10,6	75	13,1	3510	6,6	73	8,4	3896	4,8	71	4,7	4409	3,1	69	
124,0	6,2x20	23	3036	9,6	75	11,3	3642	6,0	72	7,3	4027	4,3	71	4,0	4541	2,8	69	
150,0	7,5x20	18,7	3203	8,4	74	9,3	3808	5,2	72	6,0	4194	3,8	70	3,3	4600	2,4	68	
173,6	6,2x28	16,1	2771	6,8	68	8,1	3318	4,3	65	5,2	3666	3,2	63	2,9	4130	2,1	60	
213,3	5,33x40	13,1	2782	5,9	65	6,6	3330	3,7	61	4,2	3679	2,8	59	2,3	4143	1,8	56	
248,0	6,2x40	11,3	2901	5,4	64	5,6	3448	3,4	60	3,6	3798	2,5	58	2,0	4262	1,6	55	
261,3	5,33x49	10,7	2857	5,1	63	5,4	3399	3,2	59	3,4	3745	2,4	57	1,9	4204	1,6	54	
303,8	6,2x49	9,2	2975	4,6	62	4,6	3517	2,9	58	3,0	3863	2,1	56	1,6	4322	1,4	53	
367,5	7,5x49	7,6	3124	4,1	61	3,8	3666	2,6	57	2,4	4011	1,9	55	1,4	4471	1,2	52	
420,0	7,5x56	6,7	3113	3,6	61	3,3	3641	2,2	57	2,1	3977	1,6	55	1,2	4424	1,1	52	
434,0	6,2x70	6,5	2663	3,1	57	3,2	3131	2,0	53	2,1	3429	1,5	51	1,2	3826	1,0	48	
525,0	7,5x70	5,3	2792	2,8	56	2,7	3260	1,7	52	1,7	3558	1,3	50	1,0	3955	0,85	47	
600,0	7,5x80	4,7	2629	2,4	54	2,3	3044	1,5	51	1,5	3308	1,1	48	0,83	3660	0,71	45	
750,0	7,5x100	3,7	2333	1,8	50	1,9	2704	1,1	46	1,2	2941	0,85	44	0,67	3300	0,57	40	

I pesi riportati sono indicativi e possono variare in funzione della versione del

Listed weights are for reference only and can vary according to the gearbox version.

Die angegebenen Gewichte sind Richtwerte und können je nach Getriebe-

N.B. Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come nel par. 1.7-A). Per maggiori informazioni contattare l'ufficio tecnico STM.

NOTE. Please pay attention to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. chapter 1.7-A). For details please contact our technical department.

HINWEIS. Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten (s. S. 1.7-A). Für weitere Informationen wenden Sie sich bitte an unser technisches Büro.



1.6 Prestazioni riduttori CR

16 CR gearboxes performances

1.6 Leistungen der CR-Getriebe

CR 215



303

ir	i ₁ Xi ₂	n ₁ = 2800 min ⁻¹				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹				IEC
		n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	
		min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	
42,5*	4,25x10	66	4223	36	81	33	5282	23	79	21,2	5957	16,9	78	11,8	6855	11,1	76	225
53,3*	5,33x10	53	4570	31	81	26	5629	19,7	79	16,9	6304	14,4	77	9,4	7202	9,3	76	
62,0*	6,2x10	45	4800	28	80	23	5859	17,7	78	14,5	6534	12,9	77	8,1	7200	8,1	75	
75,0*	7,5x10	37	5090	25	80	18,7	6150	15,5	78	12,0	6825	11,2	76	6,7	7200	6,7	75	
80,0*	5,33x15	35	4794	22	79	17,5	5828	14,0	76	11,3	6487	10,2	75	6,3	7200	6,5	73	
112,5*	7,5x15	25	5303	17,8	78	12,4	6336	11,0	75	8,0	7200	8,2	74	4,4	7200	4,7	71	
120,9*	6,2x19,5	23	4953	15,7	76	11,6	5942	9,8	74	7,4	6573	7,1	72	4,1	7200	4,5	70	
146,3*	7,5x19,5	19,1	5225	13,9	76	9,6	6214	8,5	73	6,2	6844	6,2	71	3,4	7200	3,7	69	
173,6*	6,2x28	16,1	4649	12,4	63	8,1	5584	7,4	63	5,2	6181	5,3	63	2,9	6974	3,3	63	
213,3*	5,33x40	13,1	4279	8,7	68	6,6	5108	5,5	64	4,2	5637	4,0	62	2,3	6341	2,6	59	
248,0*	6,2x40	11,3	4459	7,9	67	5,6	5289	4,9	63	3,6	5818	3,6	61	2,0	6521	2,4	58	
266,7*	5,33x50	10,5	4286	7,3	65	5,3	5108	4,6	61	3,4	5631	3,4	58	1,9	6328	2,2	55	
300,0*	7,5x40	9,3	4687	6,9	66	4,7	5516	4,3	62	3,0	6045	3,2	60	1,7	6749	2,1	57	
375,0*	7,5x50	7,5	4690	5,8	63	3,7	5512	3,7	59	2,4	6035	2,7	57	1,3	6732	1,8	53	
427,8*	6,2x69	6,5	4337	4,9	61	3,3	5087	3,1	57	2,1	5565	2,3	54	1,2	6201	1,5	51	
517,5*	7,5x69	5,4	4543	4,3	60	2,7	5293	2,7	56	1,7	5771	2,0	53	1,0	6407	1,3	50	
600,0*	7,5x80	4,7	4136	3,8	53	2,3	4814	2,4	49	1,5	5246	1,8	47	0,83	5820	1,2	43	
750,0*	7,5x100	3,7	3909	2,9	53	1,9	4523	1,8	49	1,2	4914	1,3	47	0,67	5434	0,87	44	



CR 250



527

ir	i ₁ Xi ₂	n ₁ = 2800 min ⁻¹				n ₁ = 1400 min ⁻¹				n ₁ = 900 min ⁻¹				n ₁ = 500 min ⁻¹				IEC
		n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	n ₂	T _{2M}	P	RD	
		min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	min ⁻¹	Nm	kW	%	
38,5*	3,5x11	73	5508	51,3	82	36	7052	33	80	23	8036	25	79	13	9346	16,3	78	280
52,5*	3,5x15	53	6328	43,7	81	27	7925	28	79	17,1	8942	21	78	9,5	10296	13,3	77	
61,9*	4,13x15	45	6707	39,5	81	23	8303	25	79	14,5	9321	18,2	78	8,1	10500	11,6	77	225
77,5*	5,17x15	36	7225	34,2	80	18,1	8822	21	78	11,6	9839	15,4	77	6,5	10500	9,3	76	
90,0*	6x15	31	7570	31	80	15,6	9166	19,1	78	10	10184	13,8	77	5,6	10500	8,1	76	200
108,8*	7,25x15	26	8005	27,2	79	12,9	9602	16,7	78	8,3	10500	11,9	77	4,6	10500	6,7	75	
120,0*	6x20	23	7190	23,1	76	11,7	8677	14,3	74	7,5	9625	10,4	73	4,2	10500	6,4	71	180
145,0*	7,25x20	19,3	7596	20,3	76	9,7	9083	12,5	74	6,2	10031	9	72	3,4	10500	5,4	71	
177,0*	6x29,5	15,8	7068	15,9	74	7,9	8463	9,8	72	5,1	9353	7,1	70	2,8	10500	4,6	68	160
206,7*	5,17x40	13,5	6876	14,4	68	6,8	8234	9	65	4,4	9099	6,6	63	2,4	10251	4,3	61	
240,0*	6x40	11,7	7169	13	67	5,8	8527	8,1	64	3,8	9392	5,9	63	2,1	10500	3,8	60	132
290,0*	7,25x40	9,5	7169	11	65	4,8	8527	6,9	62	3,1	9392	5	60	1,7	10500	3,2	58	
360,0*	6x60	7,9	7539	9,7	64	3,9	8897	6	61	2,5	9763	4,4	59	1,4	10500	2,7	57	112
435,0*	7,25x60	6,4	6954	7,5	63	3,2	8156	4,6	59	2,1	8922	3,4	57	1,1	10500	2,3	55	
507,5*	7,25x70	5,5	5210	5,3	57	2,8	6175	3,4	53	1,8	6789	2,5	51	1,0	7607	1,7	47	100
572,8*	7,25x79	4,9	5682	5,3	55	2,4	6646	3,3	51	1,6	7260	2,5	49	0,87	8078	1,6	45	
710,5*	7,25x98	3,9	5682	4,2	55	2,0	6646	2,7	51	1,3	7260	2,1	47	0,70	8078	1,3	45	90
																		80
																		71
																		63

* A richiesta / On request / Auf Anfrage

I pesi riportati sono indicativi e possono variare in funzione della versione del

Listed weights are for reference only and can vary according to the gearbox version.

Die angegebenen Gewichte sind Richtwerte und können je nach Getriebe-

N.B. Per i riduttori evidenziati dal doppio bordo nella colonna delle potenze è necessario verificare lo scambio termico del riduttore (come nel par. 1.7-A). Per maggiori informazioni contattare l'ufficio tecnico STM.

NOTE. Please pay attention to the frame around the input power value: for this gearboxes it's important to check the thermal capacity (comp. chapter 1.7-A). For details please contact our technical department.

HINWEIS. Sind in den Tabellen Nennleistungen eingerahmt, so ist die thermische Leistungsgrenze der Getriebe zu beachten (s. S. 1.7-A). Für weitere Informationen wenden Sie sich bitte an unser technisches Büro.



1.6 Prestazioni Limitatore

Nelle tabelle seguenti sono riportate le coppie di slittamento M_{2S} in funzione del numero dei giri del dado, o della ghiera di regolazione ottenibili con la disposizione standard delle molle (par. 1.6.1).

Tali valori prescindono dalle prestazioni delle dentature.

Valori più elevati di M_{2S} si possono ottenere, a richiesta, con una diversa disposizione delle molle.

I valori di taratura si riferiscono ad una condizione statica (durante lo slittamento la coppia trasmessa decade considerevolmente) ed hanno un significato indicativo in quanto ottenuti per via teorica.

E' opportuno verificare periodicamente la coppia di taratura soprattutto durante la prima fase di funzionamento.

16 Performances limiter

In the following tables the slipping torques M_{2S} are listed according to number of turns of nut or ring nut obtainable with a standard arrangement of the springs (chapter 1.6.1).

Such data prescind from tothing performances.

M_{2S} higher values can eventually be obtained with a different arrangement of the springs.

Calibration values refer to a static condition (during slippage torque reports a considerable decrease) and are approximate being calculated on a theoretic basis. It is important therefore to check the calibration torque periodically especially during first phase of running.

1.6 Leistungen der Rutschkupplung

In der folgenden Tabelle sind die Rutschmomente M_{2S} dargestellt, wie sie je nach Stellung der Sechskant- oder Nutmutter mit der Standardanordnung der Tellerfedern erreicht werden (siehe Kapitel 1.6.1).

Diese Werte lassen die maximal übertragbare Leistung der Getriebe in Abhängigkeit von der Untersetzung jedoch außer acht.

Mit einer anderen Anordnung der Tellerfedern können auch größere Rutschmomente M_{2S} erreicht werden.

Die angegebenen Werte sind statische Momente (das Rutschmoment nimmt während des Schlupfvorganges ab) und sind nur als Näherungswerte zu betrachten.

Das eingestellte Rutschmoment sollte in der Einlaufphase in periodischen Abständen überprüft und gegebenenfalls korrigiert werden.

Senza Taratura maggiorata Without Heavy calibration Ohne Erhöhtes Ansprechmoment		LP LC												LF															
RI RMI	ir	N° GIRI DEL DADO DI REGOLAZIONE N° OF TURNS OF ADJUSTEMENT RING NUT DREHUNGEN DER EINSTELLMUTTER														N° GIRI DEL DADO DI REGOLAZIONE N° OF TURNS OF ADJUSTEMENT RING NUT DREHUNGEN DER EINSTELLMUTTE													
		1/2	2/3	1	1 1/3	1 2/3	2	2 1/3	2 2/3	3	3 1/3	3 2/3	1/4	1/2	2/3	1	1 1/3	1 2/3	2	2 1/3	2 2/3	3	3 1/3	3 2/3	4				
		M _{2s} (Nm)														M _{2s} (Nm)													
28	tutti i rapporti all ratios alle Untersetzungen	4	5.5	7.5	10	13									15	28	36	51	64	75	86	97							
40		12	16	24	31	38	46								21	40	52	74	93	110	126	141	154	167					
50		16	20	29	39	47	55	63							27	51	66	93	120	140	160	175	195	210					
63		21	27	41	55	65	79	89	101	112	124				24	45	58	81	100	115	125	135	145	151	155	160			
70		21	27	41	55	65	79	89	101	112	124				50	85	115	160	200	240	280	310	340	370	395	420			
85	7-10-15-28	60	79	113.5	148	175	210	236	265	298	323	345			60	95	120	170	220	265	300	340	370	400	430	460			
	20-40-49	66	87	125	163	192.5	231	260	292	328	356	380			80	100	130	190	240	290	330	370	400	440	470	500			
	56 - 100	72	95	136	178	210	253	284	319	358	388	415			140	260	340	490	630	750	860	960	1060	1150	1230	1310	1390		
110	7-10-15-28	106	141	207	271	334	392	454	516	572	630			150	285	370	530	670	800	930	1040	1140	1230	1330	1410	1500			
	20-40-49	114	152	224	293	361	423	490	557	618	680			170	330	430	600	770	930	1060	1190	1300	1415	1520	1620	1720			
	56 - 100	131	174	257	336	414	486	560	640	709	781			244	476	625	910	1180	1438	1686	1920	2160	2390						
130	tutti / all / alle	240	310	450	590	720	850	950						550	860	1130	1660	2170	2660	3140	3600	4050	4500	4930	5370				
150	tutti / all / alle	550	730	1070	1390	1700	1990	2200																					

TM				LP		LC		LF																	
Taratura maggiorata Heavy calibration Erhöhtes Ansprechmoment																									
RI	CRI	ir	CR	ir	N° GIRI DEL DADO DI REGOLAZIONE N° OF TURNS OF ADJUSTEMENT RING NUT DREHUNGEN DER EINSTELLMUTTER																				
RMI	CRM		CB		1/2	2/3	1	1 1/3	1 2/3	2	2 1/3	N° GIRI DEL DADO DI REGOLAZIONE N° OF TURNS OF ADJUSTEMENT RING NUT DREHUNGEN DER EINSTELLMUTTER													
					1/2	2/3	1	1 1/3	1 2/3	2	2 1/3	1/4	1/2	2/3	1	1 1/3	1 2/3	2	2 1/3	2 2/3	3	3 1/3	3 2/3	4	
					M _{2s} (Nm)							M _{2s} (Nm)													
28	28	tutti / all / alle	—		12.5	17	24					15	28	36	51	64	75	86	97						
40	40		40	tutti/all/alle	40	53	77	91					21	40	52	74	93	110	126	141	154	167			
50	50		50		50	65	93	128					51	100	130	190	245	295	345	385	440	480			
63	63		—		96	125	178	231	288				38	74	96	135	175	210	240	270	300	320	350		
70	70		70	tutti/all/alle	96	125	178	231	288				100	125	160	230	300	360	410	460	510	560	600	640	680
85	85	7-10-15-28	85	43.0 - 128.8	146	185	263	350	414	471	542		110	135	180	255	330	390	450	510	560	610	650	700	750
		20-40-49		167.6 - 225.4	161	204	289	385	456	518	596		120	150	195	280	350	425	490	550	610	665	715	765	815
		56 - 100		286.4 - 460.0	176	223	316	420	497	566	651		190	380	500	740	930	1150	1350	1500	1700	1850	2020	2180	—
110	110	7-10-15-28	110	43.0 - 128.8	261	342	501	653	805	945			200	400	540	780	1000	1230	1430	1620	1800	2000	2170	2360	—
		20-40-49		167.6 - 225.4	282	369	541	705	869	1021			220	450	600	900	1150	1380	1620	1840	2070	2300	2500	2700	—
		56 - 100		286.4 - 460.0	323	424	621	810	998	1172			244	476	625	910	1180	1438	1686	1920	2160	2390			
130	130	tutti / all / alle	130	tutti/all/alle	470	620	910	1180	1450	1700	1900														
150	150	tutti / all / alle	150	tutti/all/alle	830	110	1600	2050	2500	3000	3350														

ATTENZIONE !

Quando è richiesto il minimo errore di taratura è opportuno verificare in pratica, staticamente, che la frizione slitti effettivamente al valore desiderato è comunque consigliabile testare la coppia trasmissibile direttamente sulla macchina utilizzatrice.

ATTENTION !

When minimum calibration error is required it is always advisable to actually verify, statically, that clutch slips at the required value. We suggest, however, to test the torque directly on to the machine.

ACHTUNG !

Um Abweichungen zu vermeiden, müssen die eingestellten Momente im eingebauten Zustand kontrolliert und eventuell korrigiert werden.



1.6 Prestazioni Limitatore

1.6 Performances limiter

1.6 Leistungen der Rutschkupplung

1.6.1 Disposizione delle molle

La disposizione standard delle molle garantisce una buona sensibilità di regolazione e consente di trasmettere la massima coppia nominale del riduttore.

1.6.1 Springs arrangement

Standard arrangement of springs guarantees an acceptable setting and enables the gearbox to transmit the maximum nominal torque

1.6.1 Anordnung der Tellerfedern

Die Standardanordnung der Tellerfedern erlaubt eine feinfühligkeit Einstellung des Rutschmomentes bis zum maximalen Nennmoment des Getriebes.

	LP LC					LF			
			RI - RMI	CRI - CRMI	CR - CB			RI - RMI	CR - CB
			TM					TM	
28	5 molle/springs 20/10.2/1.1		6 molle/springs 20/10.2/1.1						
40	5 molle/springs 23/12.2/1.5		6 molle/springs 23/12.2/1.5						
50	5 molle/springs 31.5/16.3/1.75		6 molle/springs 31.5/16.3/1.75						
63	7 molle/springs 31.5/16.3/2		6 molle/springs 31.5/16.3/2		—				
70	7 molle/springs 34/16.3/2		6 molle/springs 34/16.3/2						
85	10 molle/springs 40/18.3/2		9 molle/springs 40/18.3/2						
110	10 molle/springs 45/22.4/2.5		9 molle/springs 45/22.4/2.5						
130	3 molle/springs 60/30.5/3.5		6 molle/springs 60/30.5/3.5		—				
150	6 molle/springs 60/30.5/3.5		9 molle/springs 60/30.5/3.5		—				

2	
3	
5	
6	
7	
9	
10	

Per problemi specifici è opportuno consultarci, ma a livello indicativo si può affermare che accoppiando più molle con lo stesso verso (in parallelo) si incrementa la coppia massima di slittamento raggiungibile; viceversa alternandone il posizionamento in serie si aumenta la sensibilità di taratura.

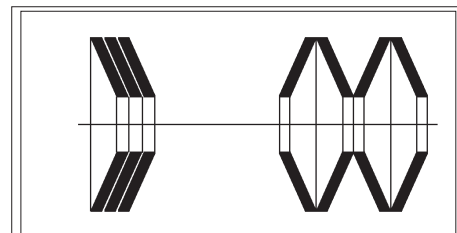
Should the user require any specific information, we suggest to contact our technical department. On a general basis, however, if the springs are arranged in the same direction, a higher maximum torque of slippage can be reached; on the contrary by alternating their arrangement the calibration sensitivity is increased.

IN PARALLELO

max. coppia
min. sensibilità
PARALLEL
max. torque
min. sensitivity
PARALLEL
max. Moment
min. Empfindlichkeit

IN SERIE

min. coppia
max. sensibilità
SERIES
min. torque
max. sensitivity
SERIE
min. Moment
max. Empfindlichkeit



Das Rutschmoment ist umso größer, je mehr Tellerfedern parallel angeordnet sind (progressive Federkennlinie). Wird ein niedrigeres Moment oder eine erhöhte Justiergenauigkeit gewünscht, so können die Federn auch gegensinnig angeordnet werden (degressive Federkennlinie). Sollten spezifische Fragen bestehen, so empfehlen wir, unser technisches Büro zu Rate zu ziehen.

STANDARD *line* Basic

1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		0.09 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.09 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.09 kW	 Ptn kW
390	7	1.8	6.0	R28	T56A2	0.6	15.4	56	28.6	1.4	R40	T63B6	0.3	3.4	400	120.5	2.7	40/70	T56B4	0.6
273	10	2.5	5.1	R28	T56A2	0.5	14.9	90	36.9	3.0	CB50	T56B4	0.7	3.4	400	120.3	2.1	40/63	T56B4	0.6
191	7	3.6	4.1	R28	T56B4	0.6	14.8	58	39.9	1.8	CB40	T63B6	0.6	3.4	400	118.4	1.6	28/63	T56B4	0.4
182	15	3.7	3.8	R28	T56A2	0.5	14.6	59	42.4	6.2	CB70	T63B6	1.5	3.4	400	118.4	1.6	28/70	T56B4	0.4
137	20	4.8	6.1	R40	T56A2	0.6	14.1	61	45.2	2.4	CB50	T63B6	1.0	3.4	400	117.9	0.9	28/50	T56B4	0.4
137	20	4.7	2.5	R28	T56A2	0.4	13.8	97	38.5	2.9	CB50	T56B4	0.7	3.4	400	120.7	0.9	40/50	T56B4	0.6
134	10	5.1	3.4	R28	T56B4	0.5	13.7	199	36.3	2.4	CB50	T56A2	0.6	3.4	400	110.5	0.6	28/40	T56B4	0.4
123	7	5.5	3.3	R28	T63B6	0.6	13.4	100	29.0	1.0	R40	T56B4	0.3	3.4	400	112.5	0.6	40/40	T56B4	0.6
98	28	6.3	5.4	R40	T56A2	0.5	12.7	68	47.0	1.5	CB40	T63B6	0.6	3.3	407	100.0	0.6	CB50	T56B4	0.5
98	28	6.1	2.5	R28	T56A2	0.3	12.3	222	35.7	1.3	CB40	T56A2	0.4	3.3	262	100.0	0.6	CB50	T63B6	0.5
89	15	7.4	5.7	R40	T56B4	0.7	12.3	70	50.4	5.2	CB70	T63B6	1.5	3.0	286	120.0	2.5	CB85	T63B6	1.0
89	15	7.2	2.5	R28	T56B4	0.5	12.3	70	36.4	2.0	R50	T63B6	0.5	3.0	290	141.4	0.8	CB50	T63B6	0.5
86	10	7.9	6.2	R40	T63B6	0.8	12.3	109	41.2	1.6	CB40	T56B4	0.5	2.9	295	117.5	1.5	CB70	T63B6	0.7
86	10	7.7	2.6	R28	T63B6	0.5	12.3	70	30.6	1.0	R40	T63B6	0.3	2.8	303	142.6	2.0	CB70	T63B6	0.7
68	40	8.2	3.9	R40	T56A2	0.4	11.8	73	45.2	2.4	CB50	T63B6	0.7	2.5	339	129.1	1.4	CB70	T63B6	0.7
68	40	8.1	1.6	R28	T56A2	0.3	11.8	114	45.4	2.4	CB50	T56B4	0.7	2.5	342	133.8	2.4	CB85	T63B6	0.9
67	20	9.4	4.0	R40	T56B4	0.6	10.8	80	37.6	1.8	R50	T63B6	0.5	2.2	600	154.1	3.2	40/85	T56B4	0.7
67	20	9.2	1.6	R28	T56B4	0.4	10.8	80	31.8	0.9	R40	T63B6	0.3	2.2	600	146.6	2.2	28/70	T56B4	0.5
62	44	10.4	4.7	CB40	T56A2	0.7	10.6	127	48.0	1.4	CB40	T56B4	0.5	2.2	600	150.5	2.1	40/70	T56B4	0.7
57	15	11.2	4.4	R40	T63B6	0.7	10.4	262	36.4	1.6	CB50	T56A2	0.5	2.2	600	146.1	1.7	28/63	T56B4	0.5
57	15	11.0	1.8	R28	T63B6	0.5	10.4	83	51.4	4.4	CB70	T63B6	1.2	2.2	600	150.0	1.7	40/63	T56B4	0.7
56	49	9.6	3.1	R40	T56A2	0.4	10.4	83	48.8	1.3	CB40	T63B6	0.5	2.2	600	145.6	0.8	28/50	T56B4	0.5
56	49	9.4	1.3	R28	T56A2	0.3	9.6	140	50.3	5.3	40/70	T56B4	1.0	2.2	600	150.0	0.7	40/50	T56B4	0.7
55	50	11.8	4.2	CB40	T56A2	0.7	9.6	140	51.2	4.6	40/63	T56B4	1.0	2.2	394	154.1	2.1	CB85	T63B6	0.9
49	56	10.6	2.6	R40	T56A2	0.4	9.6	140	49.4	4.2	28/70	T56B4	0.6	2.2	394	145.8	1.3	CB70	T63B6	0.7
49	56	10.4	1.2	R28	T56A2	0.2	9.6	140	50.4	4.1	28/63	T56B4	0.6	1.9	460	179.5	1.8	CB85	T63B6	0.9
48	28	12.0	3.6	R40	T56B4	0.5	9.6	140	48.5	2.3	28/50	T56B4	0.6	1.9	464	171.6	1.1	CB70	T63B6	0.7
48	28	11.5	1.7	R28	T56B4	0.3	9.6	140	50.3	2.2	40/50	T56B4	1.0	1.7	504	241.5	6.1	CB130	T63B6	2.0
47	58	13.7	3.8	CB40	T56A2	0.7	9.6	140	45.7	1.4	28/40	T56B4	0.6	1.5	576	271.4	5.1	CB130	T63B6	2.0
45	61	15.2	6.2	CB50	T56A2	1.2	9.6	140	46.8	1.4	40/40	T56B4	1.0	1.4	618	216.9	0.9	CB70	T63B6	0.7
43	20	14.8	5.8	R50	T63B6	0.9	9.6	90	52.9	2.1	CB50	T63B6	0.7	1.4	980	232.0	2.2	40/85	T56B4	0.4
43	20	14.0	3.1	R40	T63B6	0.6	9.4	290	43.0	2.2	CB50	T56A2	0.6	1.4	980	219.8	1.5	40/70	T56B4	0.4
43	20	13.8	1.3	R28	T63B6	0.4	9.3	295	38.0	0.8	CB40	T56A2	0.3	1.4	980	225.0	1.1	40/63	T56B4	0.4
40	68	15.8	3.5	CB40	T56A2	0.7	8.9	97	57.2	1.9	CB50	T63B6	0.7	1.4	980	220.9	0.9	28/70	T56B4	0.3
39	70	11.7	2.0	R40	T56A2	0.3	8.6	100	43.9	1.3	R50	T63B6	0.4	1.4	980	220.9	0.9	28/63	T56B4	0.3
39	70	12.1	0.9	R28	T56A2	0.2	8.6	100	40.9	0.7	R40	T63B6	0.3	1.2	720	318.0	5.7	CB150	T63B6	2.6
37	73	15.4	6.0	CB50	T56A2	0.8	8.1	165	51.7	1.0	CB40	T56B4	0.4	1.2	720	303.2	4.0	CB130	T63B6	1.8
34	80	12.6	1.7	R40	T56A2	0.3	8.1	337	43.5	0.7	CB40	T56A2	0.3	0.98	1372	254.2	2.0	40/85	T56B4	0.4
34	80	12.7	0.8	R28	T56A2	0.2	7.9	109	61.2	1.1	CB40	T63B6	0.4	0.98	1372	264.2	1.2	40/70	T56B4	0.4
34	40	15.4	2.6	R40	T56B4	0.4	7.9	170	57.9	1.8	CB50	T56B4	0.6	0.98	1372	261.6	1.0	40/63	T56B4	0.4
34	40	15.2	1.1	R28	T56B4	0.3	7.9	347	47.0	1.3	CB50	T56A2	0.5	0.98	1372	254.1	0.9	28/70	T56B4	0.3
33	83	16.7	3.0	CB40	T56A2	0.5	7.8	110	64.8	3.9	CB70	T63B6	1.0	0.98	1372	264.1	0.8	28/63	T56B4	0.3
31	28	18.7	4.9	R50	T63B6	0.7	7.5	114	67.3	1.6	CB50	T63B6	0.7	0.68	1960	340.9	1.5	40/85	T56B4	0.4
31	28	17.9	2.8	R40	T63B6	0.5	7.0	388	50.0	0.6	CB40	T56A2	0.3	0.68	1960	342.9	0.9	40/70	T56B4	0.4
31	28	17.0	1.2	R28	T63B6	0.3	6.8	127	70.8	1.0	CB40	T63B6	0.4	0.68	1960	341.1	0.8	28/70	T56B4	0.2
30	44	20.6	2.9	CB40	T56B4	0.7	6.7	199	67.7	1.5	CB50	T56B4	0.6	0.68	1960	340.9	0.7	40/63	T56B4	0.4
30	90	19.0	4.8	CB50	T56A2	0.8	6.7	407	55.1	1.1	CB50	T56A2	0.5	0.68	1960	340.2	0.7	28/63	T56B4	0.2
28	97	20.2	4.8	CB50	T56A2	0.8	6.7	200	69.2	4.2	40/70	T56B4	0.9	0.48	2800	394.7	1.3	40/85	T56B4	0.3
28	48	23.7	4.5	CB50	T56B4	1.1	6.7	200	69.2	3.6	40/63	T56B4	0.9	0.48	2800	394.5	0.8	40/70	T56B4	0.3
27	49	17.9	2.1	R40	T56B4	0.4	6.7	200	67.9	3.4	28/70	T56B4	0.5	0.48	2800	394.7	0.6	40/63	T56B4	0.3
27	49	17.5	0.9	R28	T56B4	0.3	6.7	200	67.9	3.4	28/63	T56B4	0.5	0.34	4000	529.4	0.9	40/85	T56B4	0.3
27	100	16.0	1.4	R40	T56A2	0.3	6.7	200	66.9	1.6	28/50	T56B4	0.5	0.34	4000	505.3	0.6	40/		





**0.13
kW**

STANDARD *line* Basic

1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		0.13 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.13 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.13 kW	Ptn kW
18.0	49	40.8	2.0	R50	T63C6	0.6	5.9	228	112.1	2.2	CB70	T63A4	1.0	0.98	1372	381.7	0.8	40/70	T63A4	0.4
18.0	49	36.5	1.2	R40	T63C6	0.4	5.3	166	119.5	2.1	CB70	T63C6	0.8	0.98	1372	416.0	0.8	50/70	T63A4	0.7
17.6	50	50.0	1.3	CB40	T63C6	0.6	5.2	168	123.3	3.9	CB85	T63C6	1.1	0.98	1372	377.9	0.7	40/63	T63A4	0.4
17.3	51	52.5	4.5	CB70	T63C6	1.5	5.2	170	120.2	0.9	CB50	T63C6	0.5	0.68	1960	583.0	1.7	50/110	T63A4	0.7
16.9	52	54.4	2.0	CB50	T63C6	1.0	5.1	262	97.5	0.6	CB50	T63A4	0.5	0.68	1960	492.4	1.0	40/85	T63A4	0.4
16.8	80	37.9	1.5	R50	T63A4	0.5	4.8	280	119.3	4.2	40/85	T63A4	0.9	0.68	1960	546.2	0.9	50/85	T63A4	0.7
16.8	80	32.5	0.8	R40	T63A4	0.3	4.8	280	121.7	4.1	50/85	T63A4	1.4	0.68	1960	495.2	0.6	40/70	T63A4	0.4
16.7	165	42.4	1.0	CB40	T56B2	0.4	4.8	280	119.3	2.4	40/70	T63A4	0.9	0.48	2800	698.9	1.4	50/110	T63A4	0.6
16.2	170	48.0	1.8	CB50	T56B2	0.7	4.8	280	122.0	2.4	50/70	T63A4	1.4	0.48	2800	570.2	0.9	40/85	T63A4	0.3
16.1	83	49.3	4.1	CB70	T63A4	1.2	4.8	280	116.7	2.3	28/70	T63A4	0.5	0.48	2800	670.1	0.7	50/85	T63A4	0.6
16.1	83	47.1	1.3	CB40	T63A4	0.5	4.8	280	119.0	2.1	28/63	T63A4	0.5	0.34	4000	838.7	1.2	50/110	T63A4	0.5
15.7	56	44.3	1.8	R50	T63C6	0.6	4.8	280	121.7	2.1	40/63	T63A4	0.9	0.34	4000	764.7	0.7	40/85	T63A4	0.3
15.7	56	40.3	1.0	R40	T63C6	0.3	4.8	280	119.2	0.9	28/50	T63A4	0.5	0.34	4000	802.5	0.6	50/85	T63A4	0.5
15.2	58	56.5	1.2	CB40	T63C6	0.6	4.8	280	122.2	0.9	40/50	T63A4	0.9	0.24	5600	1083	0.9	50/110	T63A4	0.5
14.9	59	59.9	4.4	CB70	T63C6	1.5	4.8	280	111.0	0.6	28/40	T63A4	0.5	0.19	7000	1236	0.8	50/110	T63A4	0.5
14.9	90	53.3	2.0	CB50	T63A4	0.7	4.8	280	116.7	0.6	40/40	T63A4	0.9	0.17	8000	1315	0.7	50/110	T63A4	0.5
14.4	61	63.6	1.7	CB50	T63C6	1.0	4.7	286	116.3	2.4	CB85	T63A4	1.0							
13.8	199	56.0	1.5	CB50	T56B2	0.6	4.6	290	134.9	0.8	CB50	T63A4	0.6							
13.8	97	55.6	2.0	CB50	T63A4	0.7	4.5	295	117.3	1.4	CB70	T63A4	0.7							
13.4	100	44.5	1.2	R50	T63A4	0.5	4.4	303	137.5	2.0	CB70	T63A4	0.7							
13.4	100	41.8	0.7	R40	T63A4	0.3	4.4	199	140.2	0.8	CB50	T63C6	0.5							
12.9	68	66.4	1.1	CB40	T63C6	0.6	4.0	339	134.9	1.2	CB70	T63A4	0.7							
12.6	70	71.1	3.7	CB70	T63C6	1.5	3.9	342	139.4	2.0	CB85	T63A4	1.0							
12.6	70	51.4	1.4	R50	T63C6	0.5	3.9	225	165.1	2.9	CB85	T63C6	1.1							
12.6	70	43.3	0.7	R40	T63C6	0.3	3.9	228	160.9	1.7	CB70	T63C6	0.8							
12.4	222	55.1	0.9	CB40	T56B2	0.4	3.4	394	153.2	2.0	CB85	T63A4	1.0							
12.3	109	59.5	1.1	CB40	T63A4	0.5	3.4	394	145.8	1.2	CB70	T63A4	0.7							
12.2	110	63.2	3.6	CB70	T63A4	1.2	3.4	400	192.6	5.2	50/110	T63A4	1.0							
12.1	73	63.8	1.7	CB50	T63C6	0.7	3.4	400	181.6	2.8	40/85	T63A4	0.6							
11.8	114	65.6	1.7	CB50	T63A4	0.7	3.4	400	189.0	2.6	50/85	T63A4	1.0							
11.0	80	70.0	6.2	CB85	T63C6	1.5	3.4	400	174.1	1.8	40/70	T63A4	0.6							
11.0	80	53.0	1.2	R50	T63C6	0.5	3.4	400	181.7	1.8	50/70	T63A4	1.0							
11.0	80	44.9	0.6	R40	T63C6	0.3	3.4	400	173.8	1.4	40/63	T63A4	0.6							
10.6	83	72.6	3.1	CB70	T63C6	1.2	3.4	400	171.0	1.1	28/63	T63A4	0.4							
10.6	83	69.3	0.9	CB40	T63C6	0.5	3.4	400	171.0	1.1	28/70	T63A4	0.4							
10.6	127	69.3	0.9	CB40	T63A4	0.5	3.4	400	170.2	0.6	28/50	T63A4	0.4							
10.5	262	56.2	1.1	CB50	T56B2	0.5	3.4	400	174.4	0.6	40/50	T63A4	0.6							
10.4	129	74.1	5.8	CB85	T63A4	1.5	3.1	286	169.6	1.8	CB85	T63C6	1.0							
10.3	130	74.7	3.1	CB70	T63A4	1.2	3.0	295	166.1	1.1	CB70	T63C6	0.7							
9.8	90	74.9	1.5	CB50	T63C6	0.7	2.9	460	178.8	1.7	CB85	T63A4	1.0							
9.6	140	76.6	6.5	40/85	T63A4	1.0	2.9	303	201.6	1.4	CB70	T63C6	0.7							
9.6	140	77.8	6.4	50/85	T63A4	1.5	2.9	464	172.3	1.0	CB70	T63A4	0.7							
9.6	140	72.6	3.7	40/70	T63A4	1.0	2.7	323	242.0	5.9	CB130	T63C6	2.2							
9.6	140	73.9	3.6	50/70	T63A4	1.5	2.7	504	233.5	5.8	CB130	T63A4	2.2							
9.6	140	74.0	3.2	40/63	T63A4	1.0	2.6	339	182.0	1.0	CB70	T63C6	0.7							
9.6	140	71.4	2.9	28/70	T63A4	0.6	2.6	342	188.1	1.7	CB85	T63C6	0.9							
9.6	140	72.7	2.8	28/63	T63A4	0.6	2.3	576	261.0	4.9	CB130	T63A4	2.2							
9.6	140	70.1	1.6	28/50	T63A4	0.6	2.2	600	244.8	4.1	50/110	T63A4	1.2							
9.6	140	72.6	1.5	40/50	T63A4	1.0	2.2	600	222.6	2.2	40/85	T63A4	0.7							
9.6	140	66.0	1.0	28/40	T63A4	0.6	2.2	600	233.8	2.1	50/85	T63A4	1.2							
9.6	140	67.6	0.9	40/40	T63A4	1.0	2.2	394	216.9	1.5	CB85	T63C6	0.9							
9.5	290	66.2	1.5	CB50	T56B2	0.6	2.2	600	211.8	1.5	28/70	T63A4	0.5							
9.1	97	80.8	1.4	CB50	T63C6	0.7	2.2	600	217.4	1.5	40/70	T63A4	0.7							
8.8	100	61.9	1.0	R50	T63C6	0.4	2.2	600	228.2	1.4	50/70	T63A4	1.2							
8.1	165	74.7	0.7	CB40	T63A4	0.4	2.2	600	211.0	1.2	28/63	T63A4	0.5							
8.1	166	86.0	2.6	CB70	T63A4	1.0	2.2	600	216.7	1.2	40/63	T63A4	0.7							
8.1	109	85.8	0.8	CB40	T63C6	0.4	2.2	394	206.9	0.9	CB70	T63C6	0.7							
8.0	110	91.5	5.8	CB85	T63C6	1.3	2.2	403	296.2	5.0	CB130	T63C6	2.2							
8.0	110	91.5	2.2	CB70	T63C6	1.0	2.2	618	205.1	0.9	CB70	T63A4								



1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		0.18 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.18 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.18 kW	Ptn kW
396	7	3.6	3.1	R28	T63A2	0.6	23	40	46.5	2.0	R50	T71A6	0.7	8.5	110	120.0	4.0	CB85	T71A6	1.3
277	10	5.2	6.0	R40	T63A2	0.9	23	40	41.3	1.1	R40	T71A6	0.4	8.5	110	120.0	2.1	CB70	T71A6	1.0
277	10	5.0	2.6	R28	T63A2	0.5	23	59	55.2	4.2	CB70	T63B4	1.6	8.2	166	117.4	1.9	CB70	T63B4	1.0
194	7	7.3	5.0	R40	T63B4	1.0	22	61	58.6	1.8	CB50	T63B4	1.1	8.2	339	98.9	1.5	CB70	T63A2	0.8
194	7	7.2	2.1	R28	T63B4	0.6	22	127	48.9	1.1	CB40	T63A2	0.5	8.2	114	124.5	0.9	CB50	T71A6	0.7
185	15	7.5	4.3	R40	T63A2	0.7	21	130	53.2	3.6	CB70	T63A2	1.3	8.1	168	123.1	3.1	CB85	T63B4	1.3
185	15	7.3	1.9	R28	T63A2	0.5	21	44	60.2	3.9	CB70	T71A6	1.6	8.1	342	106.2	2.3	CB85	T63A2	1.1
139	20	9.8	5.8	R50	T63A2	1.0	20	68	60.9	1.1	CB40	T63B4	0.7	8.0	170	113.7	0.9	CB50	T63B4	0.6
139	20	9.4	3.1	R40	T63A2	0.6	19.4	70	65.5	3.6	CB70	T63B4	1.6	8.0	347	92.3	0.7	CB50	T63A2	0.5
139	20	9.3	1.3	R28	T63A2	0.4	19.4	70	49.4	1.3	R50	T63B4	0.6	7.2	129	140.7	3.4	CB85	T71A6	1.3
136	10	10.2	4.1	R40	T63B4	0.9	19.4	70	41.7	0.7	R40	T63B4	0.3	7.2	130	142.0	1.8	CB70	T71A6	1.0
136	10	10.0	1.7	R28	T63B4	0.5	19.4	48	66.6	1.6	CB50	T71A6	1.0	7.0	394	117.4	2.2	CB85	T63A2	1.0
133	7	10.5	4.2	R40	T71A6	0.9	19.0	49	54.4	3.5	R70	T71A6	1.0	7.0	394	112.3	1.3	CB70	T63A2	0.8
99	28	12.9	4.8	R50	T63A2	0.8	19.0	49	55.2	2.6	R63	T71A6	0.9	6.8	199	133.4	0.8	CB50	T63B4	0.6
99	28	12.3	2.8	R40	T63A2	0.5	19.0	49	53.5	1.5	R50	T71A6	0.6	6.8	200	141.5	3.5	40/85	T63B4	0.9
99	28	12.0	1.3	R28	T63A2	0.3	19.0	49	48.1	0.9	R40	T71A6	0.4	6.8	200	144.0	3.5	50/85	T63B4	1.4
93	10	15.0	5.7	R50	T71A6	1.3	18.6	73	59.1	1.8	CB50	T63B4	0.7	6.8	200	136.6	2.1	40/70	T63B4	0.9
93	10	14.6	3.4	R40	T71A6	0.8	18.2	51	68.8	3.4	CB70	T71A6	1.5	6.8	200	139.2	2.1	50/70	T63B4	1.4
91	15	15.2	5.0	R50	T63B4	1.2	17.9	52	71.2	1.5	CB50	T71A6	1.0	6.8	200	136.4	1.8	40/63	T63B4	0.9
91	15	14.6	2.9	R40	T63B4	0.7	17.0	80	65.8	5.8	CB85	T63B4	1.5	6.8	200	134.1	1.7	28/70	T63B4	0.5
91	15	14.2	1.3	R28	T63B4	0.5	17.0	80	51.7	1.1	R50	T63B4	0.5	6.8	200	134.1	1.7	28/63	T63B4	0.5
69	40	17.4	3.7	R50	T63A2	0.7	16.8	165	54.1	0.8	CB40	T63A2	0.4	6.8	200	131.1	0.8	28/50	T63B4	0.5
69	40	16.1	2.0	R40	T63A2	0.4	16.7	166	61.8	3.1	CB70	T63A2	1.0	6.8	200	133.8	0.8	40/50	T63B4	0.9
69	40	15.9	0.8	R28	T63A2	0.3	16.6	56	60.0	3.2	R70	T71A6	0.9	6.0	225	156.6	2.8	CB85	T63B4	1.3
68	20	19.2	3.9	R50	T63B4	1.0	16.6	56	60.0	2.4	R63	T71A6	0.8	6.0	460	131.4	2.0	CB85	T63A2	1.0
68	20	18.4	2.0	R40	T63B4	0.6	16.6	56	58.0	1.3	R50	T71A6	0.6	6.0	464	129.5	1.2	CB70	T63A2	0.8
68	20	18.2	0.8	R28	T63B4	0.4	16.6	56	52.9	0.8	R40	T71A6	0.3	6.0	228	153.1	1.6	CB70	T63B4	1.0
63	44	20.5	2.4	CB40	T63A2	0.7	16.5	168	64.7	5.1	CB85	T63A2	1.4	5.6	166	156.8	1.6	CB70	T71A6	0.8
62	15	21.9	4.1	R50	T71A6	1.2	16.4	83	67.1	3.0	CB70	T63B4	1.2	5.5	168	161.5	3.0	CB85	T71A6	1.1
62	15	20.8	2.4	R40	T71A6	0.7	16.4	83	64.0	0.9	CB40	T63B4	0.5	5.5	170	157.1	0.7	CB50	T71A6	0.5
58	48	23.5	3.8	CB50	T63A2	1.2	16.3	170	61.2	1.4	CB50	T63A2	0.7	4.9	280	176.8	5.7	50/110	T63B4	1.4
57	49	20.4	2.8	R50	T63A2	0.7	15.8	59	79.6	6.3	CB85	T71A6	2.0	4.9	280	162.7	3.1	40/85	T63B4	0.9
57	49	18.9	1.6	R40	T63A2	0.4	15.8	59	78.5	3.4	CB70	T71A6	1.5	4.9	280	166.4	3.0	50/85	T63B4	1.4
55	50	23.3	2.1	CB40	T63A2	0.7	15.3	61	83.5	1.3	CB50	T71A6	1.0	4.9	280	162.6	1.8	40/70	T63B4	0.9
53	52	25.5	3.7	CB50	T63A2	1.2	15.1	90	72.9	1.5	CB50	T63B4	0.7	4.9	280	166.2	1.7	50/70	T63B4	1.4
49	56	22.6	2.4	R50	T63A2	0.6	14.0	97	76.2	1.4	CB50	T63B4	0.7	4.9	280	159.4	1.7	28/70	T63B4	0.5
49	56	20.8	1.3	R40	T63A2	0.4	13.9	199	71.7	1.2	CB50	T63A2	0.6	4.9	280	162.5	1.5	28/63	T63B4	0.5
49	28	24.8	3.2	R50	T63B4	0.8	13.6	100	60.8	0.9	R50	T63B4	0.5	4.9	280	166.1	1.5	40/63	T63B4	0.9
49	28	23.7	1.8	R40	T63B4	0.5	13.5	69	93.1	5.4	CB85	T71A6	2.0	4.9	280	162.3	0.7	28/50	T63B4	0.5
49	28	22.6	0.8	R28	T63B4	0.3	13.3	70	93.2	2.8	CB70	T71A6	1.5	4.9	280	166.4	0.7	40/50	T63B4	0.9
48	58	27.0	1.9	CB40	T63A2	0.7	13.3	70	69.8	2.4	R70	T71A6	0.8	4.8	576	185.9	5.9	CB130	T63A2	2.3
47	59	28.6	6.3	CB70	T63A2	1.8	13.3	70	69.8	1.9	R63	T71A6	0.8	4.8	286	159.1	1.8	CB85	T63B4	1.0
47	20	27.7	5.7	R63	T71A6	1.4	13.3	70	67.2	1.1	R50	T71A6	0.5	4.7	290	183.3	0.6	CB50	T63B4	0.6
47	20	27.3	3.1	R50	T71A6	0.9	12.7	73	83.5	1.3	CB50	T71A6	0.7	4.7	199	183.3	0.6	CB50	T71A6	0.5
47	20	25.9	1.7	R40	T71A6	0.6	12.5	109	81.2	0.8	CB40	T63B4	0.5	4.6	295	160.6	1.0	CB70	T63B4	0.7
45	61	29.9	3.1	CB50	T63A2	1.2	12.5	222	70.2	0.7	CB40	T63A2	0.4	4.5	303	187.5	1.5	CB70	T63B4	0.7
41	68	31.2	1.8	CB40	T63A2	0.7	12.4	110	86.2	5.0	CB85	T63B4	1.5	4.5	618	165.1	1.0	CB70	T63A2	0.8
40	70	33.4	5.8	CB70	T63A2	1.8	12.4	110	86.2	2.6	CB70	T63B4	1.2	4.2	323	228.6	5.7	CB130	T63B4	2.5
40	70	26.5	2.0	R50	T63A2	0.6	12.3	225	83.8	4.1	CB85	T63A2	1.4	4.1	225	216.5	2.2	CB85	T71A6	1.1
40	70	23.0	1.0	R40	T63A2	0.3	12.2	228	80.7	2.6	CB70	T63A2	1.0	4.1	228	210.5	1.3	CB70	T71A6	0.8
38	73	30.3	3.0	CB50	T63A2	0.8	11.9	114	89.2	1.2	CB50	T63B4	0.7	4.0	339	184.4	0.9	CB70	T63B4	0.7
35	80	28.3	1.7	R50	T63A2	0.5	11.6	80	91.7	4.7	CB85	T71A6	1.5	4.0	342	190.2	1.5	CB85	T63B4	1.0
35	80	24.9	0.8	R40	T63A2	0.3	11.6	80	74.0	2.2	R70	T71A6	0.8	3.9	720	223.2	6.5	CB150	T63A2	3.0
34	40	33.4	2.4	R50	T63B4	0.7	11.6													

STANDARD *line* Basic

CT16 IGBD 3.0



1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		0.25 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.25 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.25 kW	Ptn kW
403	7	5.0	5.4	R40	T63B2	1.0	26	110	63.3	5.3	CB85	T63B2	1.7	9.9	286	121.0	2.0	CB85	T63B2	1.1
403	7	4.9	2.2	R28	T63B2	0.6	26	110	62.4	2.9	CB70	T63B2	1.3	9.8	90	144.0	0.8	CB50	T71B6	0.7
282	10	7.0	4.4	R40	T63B2	0.9	25	56	58.8	2.8	R70	T71A4	1.0	9.7	290	115.4	0.8	CB50	T63B2	0.6
282	10	6.9	1.9	R28	T63B2	0.5	25	56	58.8	2.2	R63	T71A4	0.9	9.6	295	117.3	1.2	CB70	T63B2	0.8
201	7	9.8	3.8	R40	T71A4	1.0	25	56	56.9	1.2	R50	T71A4	0.6	9.3	303	130.9	1.7	CB70	T63B2	0.8
188	15	10.4	5.6	R50	T63B2	1.2	25	56	51.1	0.7	R40	T71A4	0.4	9.1	97	155.4	0.7	CB50	T71B6	0.7
188	15	10.2	3.1	R40	T63B2	0.7	25	114	63.6	1.5	CB50	T63B2	0.8	8.8	100	127.7	1.1	R70	T71B6	0.7
188	15	9.9	1.4	R28	T63B2	0.5	24	59	74.9	6.0	CB85	T71A4	2.2	8.8	100	127.3	0.9	R63	T71B6	0.7
141	10	13.9	5.3	R50	T71A4	1.4	24	59	74.0	3.2	CB70	T71A4	1.6	8.5	166	157.5	1.4	CB70	T71A4	1.0
141	20	13.4	4.3	R50	T63B2	1.0	23	61	78.5	1.4	CB50	T71A4	1.1	8.4	168	165.1	2.3	CB85	T71A4	1.3
141	10	13.7	3.1	R40	T71A4	0.9	22	127	66.7	0.8	CB40	T63B2	0.5	8.3	339	134.8	1.1	CB70	T63B2	0.8
141	20	12.9	2.3	R40	T63B2	0.6	22	40	69.4	2.7	R70	T71B6	1.1	8.3	170	152.4	0.7	CB50	T71A4	0.6
141	20	12.7	0.9	R28	T63B2	0.4	22	40	69.4	2.4	R63	T71B6	1.0	8.3	342	144.6	1.7	CB85	T63B2	1.1
126	7	15.8	5.1	R50	T71B6	1.4	22	40	68.5	1.3	R50	T71B6	0.7	8.0	110	176.0	2.7	CB85	T71B6	1.3
126	7	15.4	2.9	R40	T71B6	0.9	22	40	60.8	0.7	R40	T71B6	0.4	8.0	110	175.9	1.4	CB70	T71B6	1.0
101	28	17.5	3.5	R50	T63B2	0.8	22	129	73.2	4.9	CB85	T63B2	1.7	7.7	114	182.1	0.6	CB50	T71B6	0.7
101	28	16.8	2.0	R40	T63B2	0.5	22	130	72.7	2.6	CB70	T63B2	1.3	7.2	394	160.2	1.6	CB85	T63B2	1.0
101	28	16.4	0.9	R28	T63B2	0.3	20	43	87.5	5.2	CB85	T71B6	2.2	7.2	394	153.5	1.0	CB70	T63B2	0.8
94	15	20.3	6.4	R63	T71A4	1.7	20	69	87.7	5.2	CB85	T71A4	2.2	7.1	200	196.4	5.1	50/110	T71A4	1.4
94	15	20.3	3.7	R50	T71A4	1.2	20	70	87.7	2.7	CB70	T71A4	1.6	7.1	200	199.8	5.0	63/110	T71A4	2.0
94	15	19.6	2.1	R40	T71A4	0.7	20	70	67.6	2.2	R70	T71A4	0.9	7.1	200	189.7	2.6	40/85	T71A4	0.9
88	10	22.0	3.9	R50	T71B6	1.3	20	70	68.8	1.7	R63	T71A4	0.8	7.1	200	192.9	2.6	50/85	T71A4	1.4
88	10	21.4	2.3	R40	T71B6	0.8	20	70	66.4	1.0	R50	T71A4	0.6	7.1	200	192.9	2.6	63/85	T71A4	2.0
71	20	26.1	5.2	R63	T71A4	1.5	20	44	88.4	2.6	CB70	T71B6	1.6	7.1	200	183.1	1.6	40/70	T71A4	0.9
71	20	25.7	2.9	R50	T71A4	1.0	19.3	73	79.0	1.4	CB50	T71A4	0.7	7.1	200	186.4	1.6	50/70	T71A4	1.4
71	40	23.7	2.7	R50	T63B2	0.7	18.3	48	97.8	1.1	CB50	T71B6	1.0	7.1	200	189.8	1.5	63/70	T71A4	2.0
71	20	24.7	1.5	R40	T71A4	0.6	18.0	49	79.7	2.4	R70	T71B6	1.0	7.1	200	182.7	1.4	40/63	T71A4	0.9
71	40	22.0	1.5	R40	T63B2	0.4	18.0	49	81.1	1.8	R63	T71B6	0.9	7.1	200	179.7	0.6	40/50	T71A4	0.9
71	40	21.7	0.6	R28	T63B2	0.3	18.0	49	78.5	1.0	R50	T71B6	0.6	7.0	403	197.8	5.9	CB130	T63B2	2.7
64	44	29.0	5.9	CB70	T63B2	1.8	18.0	49	70.3	0.6	R40	T71B6	0.4	6.8	129	206.5	2.3	CB85	T71B6	1.3
64	44	28.0	1.8	CB40	T63B2	0.7	17.6	80	88.1	4.3	CB85	T71A4	1.5	6.8	130	208.2	1.2	CB70	T71B6	1.0
59	48	32.1	2.8	CB50	T63B2	1.2	17.6	80	73.1	1.9	R70	T71A4	0.8	6.3	225	209.5	2.1	CB85	T71A4	1.3
59	15	31.7	4.8	R63	T71B6	1.6	17.6	80	74.5	1.5	R63	T71A4	0.8	6.2	228	204.9	1.2	CB70	T71A4	1.0
59	15	32.2	2.8	R50	T71B6	1.2	17.6	80	69.0	0.8	R50	T71A4	0.5	6.1	460	179.1	1.5	CB85	T63B2	1.0
59	15	30.5	1.6	R40	T71B6	0.7	17.3	51	101.1	4.9	CB85	T71B6	2.0	6.1	231	227.0	6.6	CB130	T71A4	2.7
58	49	27.8	2.1	R50	T63B2	0.7	17.3	51	101.0	2.3	CB70	T71B6	1.5	6.1	464	176.7	0.9	CB70	T63B2	0.8
58	49	25.7	1.2	R40	T63B2	0.4	17.0	166	84.4	2.3	CB70	T63B2	1.0	5.6	504	230.2	5.0	CB130	T63B2	2.4
56	50	31.7	1.5	CB40	T63B2	0.7	17.0	83	89.9	2.2	CB70	T71A4	1.2	5.4	162	259.5	5.9	CB130	T71B6	2.6
55	51	33.7	5.0	CB70	T63B2	1.8	16.9	52	104.6	1.1	CB50	T71B6	1.0	5.3	166	229.8	1.1	CB70	T71B6	0.8
54	52	34.8	2.7	CB50	T63B2	1.2	16.8	168	88.2	3.7	CB85	T63B2	1.4	5.2	168	237.2	2.0	CB85	T71B6	1.1
50	28	33.6	4.0	R63	T71A4	1.2	16.6	170	83.3	1.0	CB50	T63B2	0.7	5.0	280	237.0	4.2	50/110	T71A4	1.4
50	28	33.2	2.4	R50	T71A4	0.8	15.7	56	88.1	2.2	R70	T71B6	0.9	5.0	280	241.5	4.1	63/110	T71A4	2.0
50	56	30.8	1.8	R50	T63B2	0.6	15.7	56	88.2	1.6	R63	T71B6	0.8	5.0	280	217.8	2.3	40/85	T71A4	0.9
50	28	31.8	1.4	R40	T71A4	0.5	15.7	56	85.2	0.9	R50	T71B6	0.6	5.0	280	222.8	2.2	63/85	T71A4	2.0
50	56	28.5	1.0	R40	T63B2	0.4	15.7	90	97.7	1.1	CB50	T71A4	0.7	5.0	280	222.8	2.2	50/85	T71A4	1.4
49	58	36.8	1.4	CB40	T63B2	0.7	14.9	59	116.8	4.3	CB85	T71B6	2.0	5.0	280	217.7	1.3	40/70	T71A4	0.9
48	59	39.0	4.6	CB70	T63B2	1.8	14.9	59	115.1	2.3	CB70	T71B6	1.5	5.0	280	222.4	1.3	63/70	T71A4	2.0
46	61	40.8	2.3	CB50	T63B2	1.2	14.5	97	101.9	1.1	CB50	T71A4	0.7	5.0	280	222.4	1.3	50/70	T71A4	1.4
44	20	40.7	3.9	R63	T71B6	1.4	14.4	61	122.2	0.9	CB50	T71B6	1.0	5.0	280	222.4	1.1	40/63	T71A4	0.9
44	20	40.2	2.1	R50	T71B6	0.9	14.2	199	97.7	0.9	CB50	T63B2	0.6	4.9	286	212.9	1.3	CB85	T71A4	1.0
44	20	38.0	1.1	R40	T71B6	0.6	14.1	100	86.3	1.5	R70	T71A4	0.8	4.9	576	258.3	6.3	CB150	T63B2	3.2
41	68	42.6	1.3	CB40	T63B2	0.7	14.1	100	86.2	1.1	R63	T71A4	0.7	4.9	288	277.6	5.6	CB130	T71A4	2.6
40	70	45.6	4.2	CB70	T63B2	1.8	14.1	100	81.2	0.6	R50	T71A4	0.5	4.9	576	253.4	4.4	CB130	T63B2	2.3
40	70	36.1	1.4	R50	T63B2	0.6	12.8	110	115.5	3.7	CB85	T71A4								



0.25
kW

0.37
kW

STANDARD *line* Basic

1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		0.25 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.37 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.37 kW	Ptn kW
3.1	460	326.2	0.9	CB85	T71A4	1.0	409	7	7.3	3.7	R40	T71A2	1.0	57	49	41.4	1.4	R50	T63C2	0.7
3.1	288	444.8	6.1	CB150	T71B6	3.4	400	7	7.4	3.6	R40	T63C2	1.0	57	49	38.3	0.8	R40	T63C2	0.4
3.1	288	429.2	4.0	CB130	T71B6	2.3	400	7	7.3	1.5	R28	T63C2	0.6	56	51	49.1	3.5	CB70	T71A2	1.8
2.9	303	387.7	0.7	CB70	T71B6	0.7	286	10	10.4	5.3	R50	T71A2	1.4	56	50	47.3	1.0	CB40	T63C2	0.7
2.8	504	434.8	4.6	CB150	T71A4	3.0	286	10	10.3	3.0	R40	T71A2	0.9	55	52	50.8	1.9	CB50	T71A2	1.2
2.8	504	426.3	3.2	CB130	T71A4	2.2	280	10	10.6	5.2	R50	T63C2	1.4	55	51	50.9	6.5	CB85	T63C2	2.4
2.7	323	482.9	4.8	CB150	T71B6	3.3	280	10	10.5	3.0	R40	T63C2	0.9	55	51	50.2	3.4	CB70	T63C2	1.8
2.7	323	465.4	3.1	CB130	T71B6	2.2	280	10	10.2	1.3	R28	T63C2	0.5	54	52	51.8	1.8	CB50	T63C2	1.2
2.6	342	361.7	0.9	CB85	T71B6	0.9	196	7	15.2	4.5	R50	T71B4	1.5	51	56	46.3	2.8	R70	T71A2	1.0
2.5	576	487.3	3.9	CB150	T71A4	3.0	196	7	15.0	2.5	R40	T71B4	1.0	51	56	46.4	2.2	R63	T71A2	0.9
2.5	576	477.3	2.7	CB130	T71A4	2.2	191	7	15.5	4.4	R50	T63D4	1.5	51	56	45.0	1.2	R50	T71A2	0.6
2.4	600	518.0	5.9	CB180	T71A4	4.2	191	7	15.3	2.4	R40	T63D4	1.0	51	56	41.4	0.7	R40	T71A2	0.4
2.4	600	436.9	4.1	63/130	T71A4	1.7	191	7	15.0	1.0	R28	T63D4	0.6	50	56	45.9	1.2	R50	T63C2	0.6
2.4	600	447.2	2.2	63/110	T71A4	1.7	191	15	15.2	6.4	R63	T71A2	1.7	50	56	42.5	0.7	R40	T63C2	0.4
2.4	600	447.2	2.2	50/110	T71A4	1.2	191	15	15.2	3.8	R50	T71A2	1.2	49	28	51.3	2.6	R63	T71B4	1.2
2.4	600	405.8	1.2	40/85	T71A4	0.7	191	15	14.8	2.2	R40	T71A2	0.7	49	28	50.5	1.6	R50	T71B4	0.8
2.4	600	426.6	1.2	50/85	T71A4	1.2	187	15	15.5	3.7	R50	T63C2	1.2	49	28	48.4	0.9	R40	T71B4	0.5
2.4	600	426.6	1.2	63/85	T71A4	1.7	187	15	15.1	2.1	R40	T63C2	0.7	48	59	57.6	6.1	CB85	T71A2	2.4
2.4	600	397.0	0.8	40/70	T71A4	0.7	187	15	14.8	0.9	R28	T63C2	0.5	48	59	56.9	3.2	CB70	T71A2	1.8
2.4	600	415.8	0.8	50/70	T71A4	1.2	143	20	19.8	5.3	R63	T71A2	1.5	48	58	54.8	0.9	CB40	T63C2	0.7
2.4	600	415.8	0.8	63/70	T71A4	1.7	143	20	19.5	2.9	R50	T71A2	1.0	48	28	51.7	1.5	R50	T63D4	0.8
2.4	600	395.6	0.6	40/63	T71A4	0.7	143	20	18.8	1.5	R40	T71A2	0.6	48	28	49.4	0.9	R40	T63D4	0.5
2.2	394	417.1	0.8	CB85	T71B6	0.9	140	20	19.9	2.9	R50	T63C2	1.0	47	59	58.8	6.0	CB85	T63C2	2.4
2.2	403	591.3	4.1	CB150	T71B6	3.2	140	20	19.2	1.5	R40	T63C2	0.6	47	59	58.1	3.1	CB70	T63C2	1.8
2.2	403	569.6	2.6	CB130	T71B6	2.2	140	20	18.9	0.6	R28	T63C2	0.4	47	20	56.4	3.1	R70	T80A6	1.5
2.1	420	625.3	6.4	CB180	T71B6	4.5	137	10	21.4	5.9	R63	T71B4	2.0	47	20	56.4	2.8	R63	T80A6	1.4
2.0	434	599.9	5.7	CB180	T71B6	4.2	137	10	21.2	3.5	R50	T71B4	1.4	47	20	55.6	1.5	R50	T80A6	0.9
2.0	720	560.4	3.0	CB150	T71A4	2.7	137	10	20.9	2.0	R40	T71B4	0.9	47	61	59.6	1.6	CB50	T71A2	1.2
2.0	720	536.1	2.1	CB130	T71A4	2.0	134	7	22.1	6.2	R63	T80A6	2.2	46	61	60.8	1.5	CB50	T63C2	1.2
1.9	460	486.6	0.7	CB85	T71B6	0.9	134	7	21.8	3.7	R50	T80A6	1.4	46	20	58.2	2.7	R63	T71C6	1.4
1.9	750	584.3	4.6	CB180	T71A4	3.8	134	10	21.6	3.4	R50	T63D4	1.4	46	20	57.4	1.5	R50	T71C6	0.9
1.8	504	668.2	3.2	CB150	T71B6	2.9	134	10	21.3	2.0	R40	T63D4	0.9	46	20	54.3	0.8	R40	T71C6	0.6
1.8	504	655.2	2.2	CB130	T71B6	2.0	134	10	20.8	0.8	R28	T63D4	0.5	41	69	66.5	5.7	CB85	T71A2	2.4
1.7	525	710.5	5.0	CB180	T71B6	4.1	130	7	22.8	6.0	R63	T71C6	2.2	41	68	63.6	0.9	CB40	T63C2	0.7
1.5	576	733.1	2.8	CB150	T71B6	2.8	130	7	22.6	3.6	R50	T71C6	1.4	41	70	66.6	2.9	CB70	T71A2	1.8
1.5	576	733.2	1.9	CB130	T71B6	2.0	130	7	22.0	2.0	R40	T71C6	0.9	41	70	53.6	2.2	R70	T71A2	0.9
1.5	600	779.5	4.2	CB180	T71B6	3.9	102	28	26.0	4.0	R63	T71A2	1.2	41	70	54.5	1.7	R63	T71A2	0.8
1.4	980	696.6	2.6	70/130	T71A4	1.1	102	28	25.6	2.4	R50	T71A2	0.8	41	70	52.7	1.0	R50	T71A2	0.6
1.4	980	696.6	2.6	63/130	T71A4	1.0	102	28	24.6	1.4	R40	T71A2	0.5	41	69	67.9	5.6	CB85	T63C2	2.4
1.4	980	679.3	1.5	50/110	T71A4	0.7	100	28	26.2	2.4	R50	T63C2	0.8	40	70	68.0	2.8	CB70	T63C2	1.8
1.4	980	696.4	1.4	70/110	T71A4	1.1	100	28	25.1	1.4	R40	T63C2	0.5	40	70	53.9	1.0	R50	T63C2	0.6
1.4	980	696.4	1.4	63/110	T71A4	1.0	100	28	24.3	0.6	R28	T63C2	0.3	39	73	60.5	1.5	CB50	T71A2	0.8
1.4	980	612.7	0.8	40/85	T71A4	0.4	94	10	30.8	5.5	R70	T80A6	2.1	38	73	61.7	1.5	CB50	T63C2	0.8
1.4	980	679.3	0.7	50/85	T71A4	0.7	94	10	30.4	4.9	R63	T80A6	1.8	36	80	68.2	4.7	CB85	T71A2	1.7
1.4	980	694.4	0.7	63/85	T71A4	1.0	94	10	30.4	2.8	R50	T80A6	1.3	36	80	59.3	1.9	R70	T71A2	0.8
1.4	980	694.4	0.7	70/85	T71A4	1.1	91	15	31.0	4.2	R63	T71B4	1.7	36	80	60.3	1.5	R63	T71A2	0.8
1.2	720	861.5	2.1	CB150	T71B6	2.6	91	15	30.9	2.5	R50	T71B4	1.2	36	80	56.3	0.8	R50	T71A2	0.5
1.2	720	821.5	1.5	CB130	T71B6	1.8	91	15	29.8	1.4	R40	T71B4	0.7	35	80	69.7	4.6	CB85	T63C2	1.7
1.2	750	959.0	5.1	CB215	T71B6	4.7	91	10	31.4	4.7	R63	T71C6	1.8	35	80	57.6	0.8	R50	T63C2	0.5
1.2	750	897.7	3.3	CB180	T71B6	3.6	91	10	31.4	2.7	R50	T71C6	1.3	34	83	69.7	2.4	CB70	T71A2	1.3
1.0	1372	810.8	2.2	70/130	T71A4	1.1	91	10	30.7	1.6	R40	T71C6	0.8	34	40	69.1	2.3	R70	T71B4	1.2
1.0	1372	810.8	2.2	63/130	T71A4	1.0	89	15	31.6	2.4	R50	T63D4	1.2	34	40	69.1	2.1	R63	T71B4	1.1
1.0	1372	788.6	1.3	50/110	T71A4	0.7	89	15	30.5	1.4	R40	T63D4	0.7	34	40	68.1	1.2	R50	T71B4	0.7
1.0	1372	811.7	1.2	70/110	T71A4	1.1	89	15</												



1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		0.37 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.37 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.37 kW	Ptn kW
28	49	79.5	0.9	R50	T71B4	0.7	16.3	56	126.2	1.5	R70	T71C6	0.9	9.2	303	195.1	1.1	CB70	T63C2	0.8
28	48	97.6	1.1	CB50	T63D4	1.1	16.3	56	126.2	1.1	R63	T71C6	0.8	9.1	100	182.5	0.8	R70	T71C6	0.7
27	49	81.5	0.9	R50	T63D4	0.7	16.3	56	121.8	0.6	R50	T71C6	0.6	9.1	100	182.6	0.6	R63	T71C6	0.7
27	51	101.3	4.0	CB85	T71B4	2.2	16.1	83	140.2	1.4	CB70	T63D4	1.2	8.9	323	235.5	4.7	CB130	T71A2	2.7
27	51	99.9	2.1	CB70	T71B4	1.6	15.9	59	164.1	6.0	CB110	T80A6	3.4	8.7	323	240.4	4.6	CB130	T63C2	2.7
27	50	96.2	0.6	CB40	T63D4	0.7	15.9	59	161.9	3.1	CB85	T80A6	2.0	8.6	110	260.4	3.8	CB110	T80A6	2.4
26	52	101.9	1.1	CB50	T71B4	1.1	15.9	59	159.8	1.6	CB70	T80A6	1.5	8.6	110	244.0	2.0	CB85	T80A6	1.3
26	51	103.5	3.9	CB85	T63D4	2.2	15.4	59	167.3	3.0	CB85	T71C6	2.0	8.6	110	244.1	1.0	CB70	T80A6	1.0
26	51	102.2	2.0	CB70	T63D4	1.6	15.4	59	164.9	1.6	CB70	T71C6	1.5	8.5	162	258.9	5.4	CB130	T71B4	3.0
26	110	92.4	3.7	CB85	T71A2	1.7	15.2	90	148.8	0.7	CB50	T71B4	0.7	8.4	339	196.6	0.7	CB70	T71A2	0.8
26	110	91.1	2.0	CB70	T71A2	1.3	14.9	61	175.4	0.6	CB50	T71C6	1.0	8.4	342	211.6	1.1	CB85	T71A2	1.1
26	52	104.3	1.0	CB50	T63D4	1.1	14.9	90	151.6	0.7	CB50	T63D4	0.7	8.3	162	264.9	5.2	CB130	T63D4	3.0
26	109	86.7	0.6	CB40	T63C2	0.5	14.4	199	142.7	0.6	CB50	T71A2	0.6	8.3	110	251.9	1.9	CB85	T71C6	1.3
25	110	94.4	3.6	CB85	T63C2	1.7	14.1	97	155.3	0.7	CB50	T71B4	0.7	8.3	110	252.0	1.0	CB70	T71C6	1.0
25	110	93.0	1.9	CB70	T63C2	1.3	13.8	97	158.4	0.7	CB50	T63D4	0.7	8.3	339	201.1	0.7	CB70	T63C2	0.8
25	114	93.0	1.0	CB50	T71A2	0.8	13.7	100	131.6	1.0	R70	T71B4	0.8	8.3	166	239.9	0.9	CB70	T71B4	1.0
25	114	94.9	1.0	CB50	T63C2	0.8	13.7	100	131.8	0.8	R63	T71B4	0.7	8.2	342	215.6	1.1	CB85	T63C2	1.1
24	56	89.6	1.9	R70	T71B4	1.0	13.6	69	192.0	5.2	CB110	T80A6	3.4	8.2	115	298.4	5.7	CB130	T80A6	3.4
24	56	89.5	1.4	R63	T71B4	0.9	13.6	69	189.4	2.6	CB85	T80A6	2.0	8.2	168	251.7	1.5	CB85	T71B4	1.3
24	56	86.5	0.8	R50	T71B4	0.6	13.4	70	149.9	2.0	R85	T80A6	1.2	8.1	166	244.8	0.9	CB70	T63D4	1.0
24	56	88.6	0.8	R50	T63D4	0.6	13.4	70	189.3	1.4	CB70	T80A6	1.5	8.0	168	256.6	1.5	CB85	T63D4	1.3
24	40	99.3	3.6	R85	T80A6	1.5	13.4	70	142.1	1.2	R70	T80A6	0.8	7.9	115	308.3	5.5	CB130	T71C6	3.4
24	40	96.3	1.9	R70	T80A6	1.1	13.4	70	142.2	0.9	R63	T80A6	0.8	7.3	129	305.3	3.3	CB110	T80A6	2.4
24	40	96.3	1.7	R63	T80A6	1.0	13.2	69	195.6	2.6	CB85	T71C6	2.0	7.3	129	286.0	1.7	CB85	T80A6	1.3
24	40	94.8	1.0	R50	T80A6	0.7	13.0	70	195.8	1.3	CB70	T71C6	1.5	7.3	394	233.5	1.1	CB85	T71A2	1.0
23	59	114.2	4.0	CB85	T71B4	2.2	13.0	70	146.8	1.2	R70	T71C6	0.8	7.3	394	223.5	0.7	CB70	T71A2	0.8
23	59	112.6	2.1	CB70	T71B4	1.6	13.0	70	146.9	0.9	R63	T71C6	0.8	7.2	130	288.3	0.9	CB70	T80A6	1.0
23	40	99.5	1.9	R70	T71C6	1.1	12.7	225	166.7	2.1	CB85	T71A2	1.4	7.1	394	238.3	1.1	CB85	T63C2	1.0
23	40	99.4	1.7	R63	T71C6	1.0	12.5	228	160.7	1.3	CB70	T71A2	1.0	7.1	394	229.0	0.7	CB70	T63C2	0.8
23	40	97.8	0.9	R50	T71C6	0.7	12.5	73	175.4	0.6	CB50	T71C6	0.7	7.1	403	298.6	6.4	CB150	T71A2	3.7
23	59	116.7	3.9	CB85	T63D4	2.2	12.5	110	176.0	2.4	CB85	T71B4	1.5	7.1	403	288.6	4.0	CB130	T71A2	2.7
23	59	115.1	2.0	CB70	T63D4	1.6	12.5	110	176.1	1.3	CB70	T71B4	1.2	7.1	129	295.5	1.6	CB85	T71C6	1.3
22	61	119.6	0.9	CB50	T71B4	1.1	12.4	225	170.5	2.0	CB85	T63C2	1.4	7.0	130	297.4	0.9	CB70	T71C6	1.0
22	129	106.8	3.4	CB85	T71A2	1.7	12.3	228	164.1	1.3	CB70	T63C2	1.0	7.0	403	305.1	6.2	CB150	T63C2	3.7
22	130	106.0	1.8	CB70	T71A2	1.3	12.2	110	179.8	2.4	CB85	T63D4	1.5	7.0	403	294.9	3.9	CB130	T63C2	2.7
22	61	122.2	0.9	CB50	T63D4	1.1	12.2	110	179.9	1.3	CB70	T63D4	1.2	6.9	200	304.4	5.9	63/130	T71B4	2.0
22	43	121.2	3.7	CB85	T80A6	2.2	12.0	114	182.5	0.6	CB50	T71B4	0.7	6.9	200	299.1	3.3	50/110	T71B4	1.4
22	129	109.1	3.3	CB85	T63C2	1.7	11.8	80	198.5	4.5	CB110	T80A6	2.9	6.9	200	304.3	3.3	63/110	T71B4	2.0
22	130	108.2	1.8	CB70	T63C2	1.3	11.8	80	186.5	2.3	CB85	T80A6	1.5	6.9	200	289.1	1.7	40/85	T71B4	0.9
21	44	122.5	1.9	CB70	T80A6	1.6	11.8	80	162.4	1.7	R85	T80A6	1.1	6.9	200	294.1	1.7	50/85	T71B4	1.4
21	43	125.3	3.6	CB85	T71C6	2.2	11.8	80	150.3	1.1	R70	T80A6	0.8	6.9	200	294.1	1.7	63/85	T71B4	2.0
21	44	126.4	1.9	CB70	T71C6	1.6	11.8	80	153.4	0.8	R63	T80A6	0.7	6.9	200	278.7	1.0	40/70	T71B4	0.9
19.9	69	133.5	3.4	CB85	T71B4	2.2	11.4	80	192.6	2.2	CB85	T71C6	1.5	6.9	200	283.9	1.0	50/70	T71B4	1.4
19.6	70	133.6	1.8	CB70	T71B4	1.6	11.4	80	155.4	1.0	R70	T71C6	0.8	6.9	200	289.2	1.0	63/70	T71B4	2.0
19.6	70	102.9	1.4	R70	T71B4	0.9	11.4	80	158.2	0.8	R63	T71C6	0.7	6.9	200	278.6	0.9	40/63	T71B4	0.9
19.6	70	104.8	1.1	R63	T71B4	0.8	11.3	83	193.5	1.2	CB70	T80A6	1.2	6.8	202	318.0	4.6	CB130	T71B4	2.9
19.6	70	101.2	0.6	R50	T71B4	0.6	11.0	83	199.9	1.1	CB70	T71C6	1.2	6.7	200	305.8	3.3	50/110	T63D4	1.4
19.4	69	136.4	3.3	CB85	T63D4	2.2	10.6	129	206.3	2.1	CB85	T71B4	1.5	6.7	200	295.5	1.7	40/85	T63D4	0.9
19.2	49	114.2	2.9	R85	T80A6	1.3	10.5	130	207.8	1.1	CB70	T71B4	1.2	6.7	200	300.8	1.7	50/85	T63D4	1.4
19.2	49	110.5	1.7	R70	T80A6	1.0	10.4	129	210.9	2.0	CB85	T63D4	1.5	6.7	200	284.6	1.0	40/70	T63D4	0.9
19.2	49	112.3	1.3	R63	T80A6	0.9	10.3	130	212.5	1.1	CB70	T63D4	1.2	6.7	200	290.0	1.0	50/70	T63D4	1.4
19.2	49	108.7	0.8	R50	T80A6	0.6	10.0	286	176.6	1.4	CB85	T71A2	1.1	6.7	200	284.6	0.9	40/63	T63D4	0.9
19.1	70	136.6	1.7	CB70	T63D4	1.6	9.													



**0.37
kW**

STANDARD *line* Basic

1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		0.37 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.37 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.37 kW	 Ptn kW
5.5	166	329.2	0.8	CB70	T71C6	0.8	3.3	286	515.3	1.2	CB110	T80A6	1.8	1.5	600	1092	4.8	CB215	T71C6	4.7
5.4	168	338.9	1.4	CB85	T71C6	1.1	3.3	286	451.7	0.7	CB85	T80A6	1.0	1.5	600	1116	3.0	CB180	T71C6	3.9
5.0	576	376.7	4.3	CB150	T71A2	3.2	3.3	420	617.7	5.9	CB180	T71B4	4.7	1.4	980	1061	1.7	63/130	T71B4	1.0
5.0	576	369.7	3.0	CB130	T71A2	2.3	3.3	288	617.8	4.4	CB150	T80A6	3.4	1.4	980	1061	1.7	70/130	T71B4	1.1
4.9	280	368.6	4.3	63/130	T71B4	2.0	3.3	288	596.4	2.9	CB130	T80A6	2.3	1.4	980	1034	1.0	50/110	T71B4	0.7
4.9	280	361.3	2.8	50/110	T71B4	1.4	3.2	420	631.3	5.8	CB180	T63D4	4.7	1.4	980	1060	0.9	70/110	T71B4	1.1
4.9	280	368.5	2.7	63/110	T71B4	2.0	3.2	286	466.7	0.7	CB85	T71C6	1.0	1.4	980	1060	0.9	63/110	T71B4	1.0
4.9	280	332.1	1.5	40/85	T71B4	0.9	3.2	434	592.6	5.3	CB180	T71B4	4.3	1.4	980	1057	0.9	50/110	T63D4	0.7
4.9	280	339.4	1.5	50/85	T71B4	1.4	3.2	288	637.4	4.3	CB150	T71C6	3.4	1.3	710	1258	5.8	CB250	T80A6	7.2
4.9	280	339.4	1.5	63/85	T71B4	2.0	3.2	288	614.9	2.8	CB130	T71C6	2.3	1.3	720	1188	1.5	CB150	T80A6	2.6
4.9	280	332.2	0.9	40/70	T71B4	0.9	3.1	304	640.4	6.0	CB180	T80A6	4.6	1.3	720	1133	1.1	CB130	T80A6	1.8
4.9	280	339.6	0.9	50/70	T71B4	1.4	3.1	434	606.2	5.2	CB180	T63D4	4.3	1.3	710	1298	5.6	CB250	T71C6	7.2
4.9	280	339.6	0.9	63/70	T71B4	2.0	3.0	304	661.7	5.8	CB180	T71C6	4.6	1.3	720	1233	1.5	CB150	T71C6	2.6
4.9	280	340.1	0.7	40/63	T71B4	0.9	3.0	460	497.7	0.6	CB85	T71B4	1.0	1.3	720	1177	1.0	CB130	T71C6	1.8
4.9	576	385.2	4.2	CB150	T63C2	3.2	2.9	323	668.0	3.5	CB150	T80A6	3.3	1.3	750	1329	3.7	CB215	T80A6	4.7
4.9	576	378.2	2.9	CB130	T63C2	2.3	2.9	323	643.4	2.2	CB130	T80A6	2.2	1.3	750	1244	2.4	CB180	T80A6	3.6
4.8	280	368.9	2.7	50/110	T63D4	1.4	2.8	323	688.9	3.4	CB150	T71C6	3.3	1.2	750	1372	3.6	CB215	T71C6	4.7
4.8	280	339.4	1.5	40/85	T63D4	0.9	2.8	323	664.5	2.1	CB130	T71C6	2.2	1.2	750	1285	2.3	CB180	T71C6	3.6
4.8	280	346.4	1.4	50/85	T63D4	1.4	2.8	342	539.2	1.2	CB110	T80A6	1.6	1.0	1372	1236	1.5	70/130	T71B4	1.1
4.8	286	324.9	0.9	CB85	T71B4	1.0	2.8	342	502.0	0.7	CB85	T80A6	0.9	1.0	1372	1236	1.5	63/130	T71B4	1.0
4.8	280	339.6	0.9	40/70	T63D4	0.9	2.7	504	662.6	3.0	CB150	T71B4	3.0	1.0	1372	1201	0.8	50/110	T71B4	0.7
4.8	280	347.2	0.8	50/70	T63D4	1.4	2.7	504	649.8	2.1	CB130	T71B4	2.2	1.0	1372	1238	0.8	63/110	T71B4	1.0
4.8	280	332.0	0.8	28/70	T63D4	0.5	2.7	504	677.3	2.9	CB150	T63D4	3.0	1.0	1372	1238	0.8	70/110	T71B4	1.1
4.8	280	338.8	0.7	28/63	T63D4	0.5	2.7	504	664.5	2.0	CB130	T63D4	2.2	0.98	1372	1225	0.8	50/110	T63D4	0.7
4.8	280	346.4	0.7	40/63	T63D4	0.9	2.7	342	517.1	0.6	CB85	T71C6	0.9	0.70	1960	1617	1.1	63/130	T71B4	1.0
4.8	600	400.0	6.6	CB180	T71A2	4.4	2.6	525	704.1	4.6	CB180	T71B4	4.3	0.70	1960	1617	1.1	70/130	T71B4	1.1
4.8	288	438.0	5.6	CB150	T71B4	3.6	2.6	368	762.2	5.3	CB180	T80A6	4.5	0.70	1960	1616	0.6	63/110	T71B4	1.0
4.8	288	423.2	3.7	CB130	T71B4	2.6	2.6	525	720.5	4.5	CB180	T63D4	4.3	0.70	1960	1616	0.6	70/110	T71B4	1.1
4.7	286	331.1	0.8	CB85	T63D4	1.0	2.5	368	786.9	5.1	CB180	T71C6	4.5	0.70	1960	1616	0.6	50/110	T71B4	0.7
4.7	600	408.5	6.4	CB180	T63C2	4.4	2.4	394	621.4	1.0	CB110	T80A6	1.6	0.68	1960	1659	0.6	50/110	T63D4	0.7
4.7	202	455.8	5.6	CB150	T80A6	3.7	2.4	576	742.0	2.5	CB150	T71B4	3.0	0.49	2800	1947	0.9	70/130	T71B4	0.9
4.7	288	448.4	5.5	CB150	T63D4	3.6	2.4	576	726.9	1.8	CB130	T71B4	2.2	0.49	2800	2018	0.9	63/130	T71B4	0.8
4.7	202	440.8	3.6	CB130	T80A6	2.5	2.3	403	819.1	3.0	CB150	T80A6	3.2	0.34	4000	2494	0.7	70/130	T71B4	0.8
4.7	288	433.0	3.6	CB130	T63D4	2.6	2.3	576	758.2	2.5	CB150	T63D4	3.0	0.34	4000	2494	0.7	63/130	T71B4	0.7
4.5	303	382.5	0.7	CB70	T71B4	0.7	2.3	403	788.7	1.9	CB130	T80A6	2.2							
4.5	202	471.2	5.4	CB150	T71C6	3.7	2.3	576	742.9	1.7	CB130	T63D4	2.2							
4.5	202	455.3	3.5	CB130	T71C6	2.5	2.3	600	759.2	6.3	CB215	T71B4	4.9							
4.4	303	391.3	0.7	CB70	T63D4	0.7	2.3	600	790.4	3.9	CB180	T71B4	4.2							
4.2	323	483.3	4.4	CB150	T71B4	3.5	2.3	600	666.7	2.7	63/130	T71B4	1.7							
4.2	323	466.6	2.8	CB130	T71B4	2.5	2.3	600	681.4	1.5	63/110	T71B4	1.7							
4.2	225	473.3	2.1	CB110	T80A6	2.0	2.3	600	681.4	1.5	50/110	T71B4	1.2							
4.2	225	439.6	1.1	CB85	T80A6	1.1	2.3	600	620.8	0.8	40/85	T71B4	0.7							
4.2	323	494.0	4.3	CB150	T63D4	3.5	2.3	600	651.4	0.8	63/85	T71B4	1.7							
4.2	323	476.8	2.7	CB130	T63D4	2.5	2.3	600	651.4	0.8	50/85	T71B4	1.2							
4.1	228	429.1	0.6	CB70	T80A6	0.8	2.3	403	844.6	2.9	CB150	T71C6	3.2							
4.1	231	503.5	5.1	CB150	T80A6	3.5	2.3	403	813.1	1.8	CB130	T71C6	2.2							
4.1	231	486.1	3.4	CB130	T80A6	2.4	2.2	420	867.6	4.6	CB180	T80A6	4.5							
4.0	225	455.4	1.1	CB85	T71C6	1.1	2.2	600	776.5	6.2	CB215	T63D4	4.9							
4.0	342	387.9	0.7	CB85	T71B4	1.0	2.2	600	807.9	3.8	CB180	T63D4	4.2							
4.0	228	442.1	0.6	CB70	T71C6	0.8	2.2	600	696.8	1.4	50/110	T63D4	1.2							
4.0	720	445.2	3.3	CB150	T71A2	3.0	2.2	600	633.6	0.8	40/85	T63D4	0.7							
4.0	720	427.5	2.3	CB130	T71A2	2.2	2.2	600	665.5	0.8	50/85	T63D4	1.2							
3.9	231	520.2	5.0	CB150	T71C6	3.5	2.2	428	867.3	6.4	CB215	T80A6	5.4							
3.9	231	502.2	3.3	CB130	T71C6	2.4	2.2	420	895.6	4.4	CB180	T71C6	4.5</							



1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		0.55 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.55 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.55 kW	Ptn kW
409	7	10.9	4.6	R50	T71B2	1.5	39	73	89.9	1.0	CB50	T71B2	0.8	17.9	80	170.5	1.4	R85	T80A4	1.2
409	7	10.8	2.5	R40	T71B2	1.0	36	80	101.4	3.1	CB85	T71B2	1.7	17.9	80	158.6	0.9	R70	T80A4	0.8
286	10	15.4	6.0	R63	T71B2	2.0	36	40	101.4	3.1	R85	T80A4	1.6	17.9	80	161.8	0.7	R63	T80A4	0.8
286	10	15.4	3.6	R50	T71B2	1.4	36	40	98.5	1.6	R70	T80A4	1.2	17.7	162	193.4	6.0	CB130	T71B2	3.2
286	10	15.2	2.0	R40	T71B2	0.9	36	40	98.5	1.5	R63	T80A4	1.1	17.5	80	195.1	2.0	CB85	T71C4	1.5
204	7	21.9	6.0	R70	T80A4	2.5	36	80	88.2	1.3	R70	T71B2	0.8	17.5	80	162.2	0.9	R70	T71C4	0.8
204	7	21.6	5.3	R63	T80A4	2.2	36	80	89.6	1.0	R63	T71B2	0.8	17.5	80	165.3	0.7	R63	T71C4	0.8
204	7	21.6	3.1	R50	T80A4	1.5	36	40	97.1	0.8	R50	T80A4	0.7	17.2	166	183.0	1.0	CB70	T71B2	1.0
200	7	22.1	5.2	R63	T71C4	2.2	35	40	100.6	1.6	R70	T71C4	1.2	17.2	83	195.3	1.0	CB70	T80A4	1.2
200	7	22.1	3.1	R50	T71C4	1.5	35	40	100.6	1.4	R63	T71C4	1.1	17.0	168	191.3	1.7	CB85	T71B2	1.4
200	7	21.8	1.7	R40	T71C4	1.0	35	40	99.0	0.8	R50	T71C4	0.7	16.9	83	199.1	1.0	CB70	T71C4	1.2
191	15	22.6	4.3	R63	T71B2	1.7	34	83	103.7	1.6	CB70	T71B2	1.3	16.8	85	224.8	6.4	CB130	T80A4	4.0
191	15	22.6	2.6	R50	T71B2	1.2	33	43	123.2	6.2	CB110	T80A4	3.8	16.6	56	196.1	1.6	R85	T80B6	1.3
191	15	22.0	1.5	R40	T71B2	0.7	33	43	121.6	3.3	CB85	T80A4	2.2	16.6	56	183.3	1.0	R70	T80B6	0.9
143	10	30.5	4.7	R70	T80A4	2.2	33	28	107.6	1.6	R70	T80B6	1.2	16.6	56	183.3	0.8	R63	T80B6	0.8
143	10	30.5	4.1	R63	T80A4	2.0	33	28	107.5	1.5	R63	T80B6	1.1	16.5	85	229.6	6.3	CB130	T71C4	4.0
143	20	29.4	3.5	R63	T71B2	1.5	33	28	105.9	0.9	R50	T80B6	0.7	16.0	58	249.0	6.5	CB130	T80B6	4.3
143	10	30.1	2.4	R50	T80A4	1.4	33	43	124.2	3.2	CB85	T71C4	2.2	15.8	59	246.6	4.0	CB110	T80B6	3.4
143	20	29.0	2.0	R50	T71B2	1.0	33	44	122.8	1.7	CB70	T80A4	1.6	15.8	59	243.4	2.1	CB85	T80B6	2.0
143	20	27.9	1.0	R40	T71B2	0.6	32	44	125.4	1.6	CB70	T71C4	1.6	15.8	59	239.9	1.1	CB70	T80B6	1.5
140	10	31.1	4.0	R63	T71C4	2.0	32	90	110.7	0.8	CB50	T71B2	0.8	14.3	100	194.7	1.1	R85	T80A4	1.1
140	10	30.8	2.4	R50	T71C4	1.4	29	97	117.5	0.8	CB50	T71B2	0.8	14.3	100	187.2	0.7	R70	T80A4	0.8
140	10	30.4	1.4	R40	T71C4	0.9	29	49	117.0	2.5	R85	T80A4	1.6	14.2	202	237.4	5.2	CB130	T71B2	3.1
133	7	33.2	4.8	R70	T80B6	2.4	29	49	115.1	1.4	R70	T80A4	1.1	14.0	100	191.3	0.7	R70	T71C4	0.8
133	7	33.2	4.1	R63	T80B6	2.2	29	49	115.2	1.1	R63	T80A4	1.0	13.5	69	288.4	3.4	CB110	T80B6	3.4
133	7	32.8	2.5	R50	T80B6	1.4	29	49	113.5	0.6	R50	T80A4	0.7	13.5	69	284.4	1.8	CB85	T80B6	2.0
102	28	38.6	2.7	R63	T71B2	1.2	29	48	138.8	0.8	CB50	T71C4	1.1	13.3	70	225.3	1.3	R85	T80B6	1.2
102	28	38.1	1.6	R50	T71B2	0.8	29	100	106.5	1.0	R70	T71B2	0.8	13.3	70	284.7	0.9	CB70	T80B6	1.5
102	28	36.5	0.9	R40	T71B2	0.5	29	100	104.8	0.8	R63	T71B2	0.7	13.3	70	213.2	0.8	R70	T80B6	0.8
95	15	44.1	3.3	R70	T80A4	1.9	29	49	117.7	1.4	R70	T71C4	1.1	13.3	70	213.3	0.6	R63	T80B6	0.8
95	15	44.1	3.0	R63	T80A4	1.7	29	49	117.7	1.1	R63	T71C4	1.0	13.0	110	266.7	3.4	CB110	T80A4	2.9
95	15	44.1	1.7	R50	T80A4	1.2	29	49	115.8	0.6	R50	T71C4	0.7	13.0	110	250.6	1.7	CB85	T80A4	1.5
93	15	45.0	2.9	R63	T71C4	1.7	28	51	146.1	5.3	CB110	T80A4	3.8	13.0	110	250.3	0.9	CB70	T80A4	1.2
93	15	45.0	1.7	R50	T71C4	1.2	28	51	144.2	2.8	CB85	T80A4	2.2	12.9	72	304.9	5.6	CB130	T80B6	4.2
93	15	43.3	1.0	R40	T71C4	0.7	28	51	142.4	1.4	CB70	T80A4	1.6	12.7	110	255.7	1.7	CB85	T71C4	1.5
93	10	46.3	3.6	R70	T80B6	2.1	27	51	147.4	2.7	CB85	T71C4	2.2	12.7	110	255.9	0.9	CB70	T71C4	1.2
93	10	45.8	3.3	R63	T80B6	1.8	27	51	145.5	1.4	CB70	T71C4	1.6	12.7	225	247.9	1.4	CB85	T71B2	1.4
93	10	45.7	1.9	R50	T80B6	1.3	27	52	148.1	0.7	CB50	T71C4	1.1	12.5	228	238.9	0.9	CB70	T71B2	1.0
72	20	56.6	2.7	R70	T80A4	1.7	26	110	137.4	2.5	CB85	T71B2	1.7	12.4	115	300.0	5.2	CB130	T80A4	3.9
72	40	52.1	2.4	R70	T71B2	1.2	26	110	135.4	1.3	CB70	T71B2	1.3	12.4	231	263.0	4.8	CB130	T71B2	3.0
72	20	56.6	2.4	R63	T80A4	1.5	26	56	135.7	2.1	R85	T80A4	1.6	12.2	115	306.5	5.1	CB130	T71C4	3.9
72	40	52.1	2.2	R63	T71B2	1.1	26	56	127.6	1.3	R70	T80A4	1.0	11.6	80	298.2	3.0	CB110	T80B6	2.9
72	20	55.8	1.3	R50	T80A4	1.0	26	56	127.5	1.0	R63	T80A4	0.9	11.6	80	280.2	1.5	CB85	T80B6	1.5
72	40	51.4	1.2	R50	T71B2	0.7	25	114	138.2	0.7	CB50	T71B2	0.8	11.6	80	244.1	1.1	R85	T80B6	1.1
72	40	47.7	0.7	R40	T71B2	0.4	25	56	130.3	1.3	R70	T71C4	1.0	11.6	80	226.2	0.7	R70	T80B6	0.8
70	20	57.8	2.4	R63	T71C4	1.5	25	56	130.3	1.0	R63	T71C4	0.9	11.2	83	291.0	0.8	CB70	T80B6	1.2
70	20	57.0	1.3	R50	T71C4	1.0	24	59	164.7	5.3	CB110	T80A4	3.8	11.1	129	312.6	2.9	CB110	T80A4	2.9
70	20	54.7	0.7	R40	T71C4	0.6	24	59	162.5	2.8	CB85	T80A4	2.2	11.1	129	293.7	1.5	CB85	T80A4	1.5
67	43	62.4	5.3	CB85	T71B2	2.4	24	59	160.3	1.5	CB70	T80A4	1.6	11.0	130	295.8	0.8	CB70	T80A4	1.2
65	44	63.0	2.7	CB70	T71B2	1.8	24	59	166.0	2.7	CB85	T71C4	2.2	10.9	85	336.0	4.8	CB130	T80B6	3.5
62	15	66.1	2.6	R70	T80B6	1.7	24	59	163.7	1.4	CB70	T71C4	1.6	10.9	129	300.1	1.4	CB85	T71C4	1.5
62	15	66.1	2.3	R63	T80B6	1.6	23	40	149.1	2.4	R85	T80B6	1.5	10.8	130	302.2	0.8	CB70	T71C4	1.2
62	15	67.0	1.3	R50	T80B6	1.2	23	40	144.5	1.3	R70	T80B6	1.1	10.2	140	313.9	5.3	63/130	T80A4	2.2
60	48	69.6	1.3	CB50	T71B2	1.2	23	40	144.7	1.1	R63	T80B6	1.0	10.2						



0.55
kW

STANDARD line Basic

1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		0.55 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.55 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.55 kW	Ptn kW
8.9	323	350.1	3.1	CB130	T71B2	2.7	5.0	280	535.5	1.9	63/110	T71C4	2.0	2.7	525	1023	3.2	CB180	T71C4	4.3
8.8	162	374.8	5.9	CB150	T80A4	4.0	5.0	286	514.7	1.1	CB110	T80A4	1.8	2.5	368	1142	3.5	CB180	T80B6	4.5
8.8	162	368.9	3.8	CB130	T80A4	3.0	5.0	280	483.3	1.0	40/85	T71C4	0.9	2.5	573	1072	6.2	CB250	T80A4	7.7
8.6	162	383.0	5.8	CB150	T71C4	4.0	5.0	280	493.7	1.0	63/85	T71C4	2.0	2.5	375	1207	5.0	CB215	T80B6	5.8
8.6	162	376.9	3.7	CB130	T71C4	3.0	5.0	280	493.7	1.0	50/85	T71C4	1.4	2.5	576	1059	1.8	CB150	T80A4	3.0
8.6	166	341.6	0.7	CB70	T80A4	1.0	5.0	286	462.7	0.6	CB85	T80A4	1.0	2.5	576	1038	1.2	CB130	T80A4	2.2
8.5	168	382.6	2.1	CB110	T80A4	2.3	5.0	280	483.3	0.6	40/70	T71C4	0.9	2.4	573	1098	6.1	CB250	T71C4	7.7
8.5	168	357.7	1.1	CB85	T80A4	1.3	5.0	288	623.7	4.0	CB150	T80A4	3.6	2.4	576	1081	1.7	CB150	T71C4	3.0
8.5	110	391.7	2.6	CB110	T80B6	2.4	5.0	576	560.0	2.9	CB150	T71B2	3.2	2.4	576	1060	1.2	CB130	T71C4	2.2
8.5	110	366.7	1.3	CB85	T80B6	1.3	5.0	288	602.3	2.6	CB130	T80A4	2.6	2.4	600	1082	4.5	CB215	T80A4	4.9
8.5	110	366.7	0.7	CB70	T80B6	1.0	5.0	576	549.5	2.0	CB130	T71B2	2.3	2.4	600	1126	2.7	CB180	T80A4	4.2
8.4	166	348.4	0.6	CB70	T71C4	1.0	4.9	288	637.7	3.9	CB150	T71C4	3.6	2.4	600	949.2	1.9	63/130	T80A4	1.7
8.4	342	314.5	0.8	CB85	T71B2	1.1	4.9	288	616.0	2.5	CB130	T71C4	2.6	2.4	600	949.2	1.9	70/130	T80A4	1.9
8.3	168	365.7	1.1	CB85	T71C4	1.3	4.8	600	594.6	4.4	CB180	T71B2	4.4	2.4	600	971.7	1.0	63/110	T80A4	1.7
8.1	115	454.4	6.0	CB150	T80B6	4.9	4.7	304	648.2	5.4	CB180	T80A4	4.9	2.4	600	971.7	1.0	70/110	T80A4	1.9
8.1	115	448.0	3.8	CB130	T80B6	3.4	4.6	304	660.9	5.3	CB180	T71C4	4.9	2.4	600	971.7	1.0	50/110	T80A4	1.2
7.3	394	347.2	0.7	CB85	T71B2	1.0	4.6	202	685.2	3.7	CB150	T80B6	3.7	2.4	394	935.9	0.7	CB110	T80B6	1.6
7.2	129	459.1	2.2	CB110	T80B6	2.4	4.6	202	662.1	2.4	CB130	T80B6	2.5	2.3	600	1105	4.4	CB215	T71C4	4.9
7.2	129	430.0	1.1	CB85	T80B6	1.3	4.4	323	687.8	3.1	CB150	T80A4	3.5	2.3	600	1150	2.6	CB180	T71C4	4.2
7.2	200	433.5	4.2	63/130	T80A4	2.0	4.4	323	664.0	2.0	CB130	T80A4	2.5	2.3	600	970	1.9	63/130	T71C4	1.7
7.2	200	433.5	4.2	70/130	T80A4	2.2	4.4	213	709.2	5.2	CB180	T80B6	5.0	2.3	600	993	1.0	50/110	T71C4	1.2
7.2	200	426.0	2.3	50/110	T80A4	1.4	4.3	323	703.6	3.0	CB150	T71C4	3.5	2.3	600	993	1.0	63/110	T71C4	1.7
7.2	200	433.4	2.3	63/110	T80A4	2.0	4.3	323	679.1	1.9	CB130	T71C4	2.5	2.3	403	1228	2.0	CB150	T80B6	3.2
7.2	200	433.4	2.3	70/110	T80A4	2.2	4.2	342	615.5	0.9	CB110	T80A4	1.8	2.3	403	1183	1.3	CB130	T80B6	2.2
7.2	200	418.6	1.2	70/85	T80A4	2.2	4.1	225	711.9	1.4	CB110	T80B6	2.0	2.2	420	1307	3.0	CB180	T80B6	4.5
7.2	200	418.6	1.2	63/85	T80A4	2.0	4.1	225	661.7	0.7	CB85	T80B6	1.1	2.2	428	1307	4.3	CB215	T80B6	5.4
7.2	200	418.6	1.2	50/85	T80A4	1.4	4.0	231	756.0	3.4	CB150	T80B6	3.5	2.1	435	1399	6.4	CB250	T80B6	8.8
7.2	200	403.8	0.7	50/70	T80A4	1.4	4.0	231	729.6	2.2	CB130	T80B6	2.4	2.1	434	1252	2.7	CB180	T80B6	4.2
7.2	200	411.1	0.7	63/70	T80A4	2.0	4.0	720	661.7	2.2	CB150	T71B2	3.0	2.0	710	1333	5.0	CB250	T80A4	7.7
7.1	403	443.9	4.3	CB150	T71B2	3.7	4.0	720	635.4	1.5	CB130	T71B2	2.2	2.0	720	1214	1.4	CB150	T80A4	2.7
7.1	403	429.0	2.7	CB130	T71B2	2.7	3.9	368	769.6	4.8	CB180	T80A4	4.7	2.0	720	1162	1.0	CB130	T80A4	2.0
7.1	202	460.0	5.1	CB150	T80A4	3.9	3.8	750	730.8	5.3	CB215	T71B2	5.3	2.0	710	1360	4.9	CB250	T71C4	7.7
7.1	202	452.4	3.2	CB130	T80A4	2.9	3.8	750	689.1	3.4	CB180	T71B2	4.1	1.9	720	1246	1.3	CB150	T71C4	2.7
7.0	200	442.8	4.1	63/130	T71C4	2.0	3.8	368	787.9	4.7	CB180	T71C4	4.7	1.9	720	1191	0.9	CB130	T71C4	2.0
7.0	200	435.1	2.3	50/110	T71C4	1.4	3.8	248	812.5	4.7	CB180	T80B6	4.9	1.9	750	1348	3.4	CB215	T80A4	4.9
7.0	200	442.8	2.3	63/110	T71C4	2.0	3.6	394	694.0	0.9	CB110	T80A4	1.8	1.9	750	1265	2.1	CB180	T80A4	3.8
7.0	200	420.5	1.2	40/85	T71C4	0.9	3.6	400	748.3	2.4	63/130	T80A4	1.5	1.9	750	1377	3.3	CB215	T71C4	4.9
7.0	200	427.7	1.2	50/85	T71C4	1.4	3.6	400	777.7	2.3	70/130	T80A4	1.7	1.9	750	1292	2.1	CB180	T71C4	3.8
7.0	200	427.7	1.2	63/85	T71C4	2.0	3.6	400	762.8	1.3	70/110	T80A4	1.7	1.9	504	1391	1.6	CB150	T80B6	2.9
7.0	200	404.8	0.7	40/70	T71C4	0.9	3.6	400	762.8	1.3	50/110	T80A4	1.0	1.9	504	1363	1.1	CB130	T80B6	2.0
7.0	200	413.2	0.7	50/70	T71C4	1.4	3.6	400	762.8	1.3	63/110	T80A4	1.5	1.8	508	1464	4.6	CB250	T80B6	7.7
7.0	200	419.7	0.7	63/70	T71C4	2.0	3.6	400	747.3	0.7	50/85	T80A4	1.0	1.8	518	1547	3.7	CB215	T80B6	5.3
7.0	200	405.6	0.6	40/63	T71C4	0.9	3.6	400	763.9	0.7	70/85	T80A4	1.7	1.8	525	1484	2.4	CB180	T80B6	4.1
6.9	202	470.0	5.0	CB150	T71C4	3.9	3.6	400	763.9	0.7	63/85	T80A4	1.5	1.6	573	1589	4.6	CB250	T80B6	7.4
6.9	202	462.3	3.2	CB130	T71C4	2.9	3.6	261	841.1	4.5	CB180	T80B6	4.7	1.6	576	1534	1.3	CB150	T80B6	2.8
6.6	434	454.3	5.9	CB180	T71B2	4.7	3.6	403	828.7	2.7	CB150	T80A4	3.4	1.6	576	1532	0.9	CB130	T80B6	2.0
6.5	144	569.2	5.0	CB150	T80B6	4.9	3.6	403	799.2	1.7	CB130	T80A4	2.4	1.6	600	1592	3.3	CB215	T80B6	4.7
6.5	144	552.8	3.2	CB130	T80B6	3.3	3.5	400	765.1	2.4	63/130	T71C4	1.5	1.6	600	1626	2.0	CB180	T80B6	3.9
6.4	225	487.5	1.8	CB110	T80A4	2.3	3.5	400	780.1	1.3	50/110	T71C4	1.0	1.5	980	1583	2.4	85/180	T80A4	1.6
6.4	225	453.8	1.0	CB85	T80A4	1.3	3.5	400	780.1	1.3	63/110	T71C4	1.5	1.5	980	1582	1.8	85/150	T80A4	1.6
6.2	225	464.4	0.9	CB85	T71C4	1.3	3.5	400	735.3	0.7	40/85	T71C4								



1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n ₂ min ⁻¹	ir	T2 Nm	FS'		0.55 kW 	Ptn kW	n ₂ min ⁻¹	ir	T2 Nm	FS'		0.75 kW 	Ptn kW	n ₂ min ⁻¹	ir	T2 Nm	FS'		0.75 kW 	Ptn kW
0.71	1960	2368	0.8	70/130	T71C4	1.1	409	7	15.1	6.3	R70	T80A2	2.5	56	51	100.9	3.3	CB85	T80A2	2.4
0.51	2800	3194	1.4	85/180	T80A4	1.3	409	7	15.1	5.6	R63	T80A2	2.2	56	51	99.6	1.7	CB70	T80A2	1.8
0.51	2800	3190	0.9	85/150	T80A4	1.3	409	7	14.9	3.4	R50	T80A2	1.5	55	51	102.7	3.2	CB85	T71C2	2.4
0.51	2800	2781	0.6	70/130	T80A4	0.9	401	7	15.3	5.5	R63	T71C2	2.2	55	51	101.4	1.7	CB70	T71C2	1.8
0.51	2800	2886	0.6	63/130	T80A4	0.8	401	7	15.2	3.3	R50	T71C2	1.5	54	52	104.8	0.9	CB50	T71C2	1.2
0.51	2800	2991	0.6	85/130	T80A4	1.3	401	7	15.0	1.8	R40	T71C2	1.0	51	56	98.2	2.3	R85	T80A2	1.6
0.50	2800	2837	0.6	70/130	T71C4	0.9	286	10	21.0	5.0	R70	T80A2	2.2	51	28	99.6	1.5	R70	T80B4	1.3
0.50	2800	2938	0.6	63/130	T71C4	0.8	286	10	21.0	4.4	R63	T80A2	2.0	51	56	93.9	1.4	R70	T80A2	1.0
0.36	4000	3795	1.1	85/180	T80A4	1.1	286	10	21.0	2.6	R50	T80A2	1.4	51	28	99.6	1.4	R63	T80B4	1.2
0.36	4000	3650	0.8	85/150	T80A4	1.1	281	10	21.4	4.3	R63	T71C2	2.0	51	56	94.0	1.1	R63	T80A2	0.9
0.26	5600	5050	0.9	85/180	T80A4	1.1	281	10	21.4	2.6	R50	T71C2	1.4	51	28	98.2	0.8	R50	T80B4	0.8
0.20	7000	5776	0.8	85/180	T80A4	1.1	281	10	21.2	1.5	R40	T71C2	0.9	51	56	91.3	0.6	R50	T80A2	0.6
0.18	8000	6127	0.7	85/180	T80A4	1.1	204	7	29.8	4.4	R70	T80B4	2.5	50	56	95.7	1.4	R70	T71C2	1.0
							204	7	29.4	3.9	R63	T80B4	2.2	50	56	95.6	1.1	R63	T71C2	0.9
							204	7	29.4	2.3	R50	T80B4	1.5	48	59	118.2	5.7	CB110	T80A2	4.2
							191	15	30.8	3.5	R70	T80A2	1.9	48	59	116.8	3.0	CB85	T80A2	2.4
							191	15	30.8	3.2	R63	T80A2	1.7	48	59	115.2	1.6	CB70	T80A2	1.8
							191	15	30.8	1.9	R50	T80A2	1.2	48	59	118.8	3.0	CB85	T71C2	2.4
							187	15	31.4	3.1	R63	T71C2	1.7	48	59	117.3	1.5	CB70	T71C2	1.8
							187	15	31.4	1.8	R50	T71C2	1.2	47	20	118.6	3.1	R85	T90S6	2.2
							187	15	30.6	1.0	R40	T71C2	0.7	47	20	115.5	1.5	R70	T90S6	1.5
							143	10	41.6	3.4	R70	T80B4	2.2	47	20	115.5	1.4	R63	T90S6	1.4
							143	10	41.6	3.0	R63	T80B4	2.0	46	61	122.8	0.8	CB50	T71C2	1.2
							143	20	40.1	2.9	R70	T80A2	1.7	46	20	116.8	1.5	R70	T80C6	1.5
							143	20	40.1	2.6	R63	T80A2	1.5	46	20	116.7	1.4	R63	T80C6	1.4
							143	10	41.1	1.8	R50	T80B4	1.4	46	20	115.2	0.7	R50	T80C6	0.9
							143	20	39.6	1.4	R50	T80A2	1.0	41	69	136.5	5.3	CB110	T80A2	4.2
							141	20	40.8	2.6	R63	T71C2	1.5	41	69	134.8	2.8	CB85	T80A2	2.4
							141	20	40.3	1.4	R50	T71C2	1.0	41	70	115.7	1.8	R85	T80A2	1.3
							141	20	38.8	0.7	R40	T71C2	0.6	41	70	135.0	1.4	CB70	T80A2	1.8
							133	7	45.3	6.6	R85	T90S6	3.2	41	70	108.7	1.1	R70	T80A2	0.9
							133	7	45.3	3.5	R70	T90S6	2.4	41	70	110.5	0.9	R63	T80A2	0.8
							133	7	45.3	3.0	R63	T90S6	2.2	41	69	137.2	2.8	CB85	T71C2	2.4
							131	7	45.8	3.5	R70	T80C6	2.4	40	70	137.3	1.4	CB70	T71C2	1.8
							131	7	45.8	3.0	R63	T80C6	2.2	40	70	110.6	1.1	R70	T71C2	0.9
							131	7	45.2	1.8	R50	T80C6	1.4	40	70	112.4	0.8	R63	T71C2	0.8
							102	28	51.9	2.2	R70	T80A2	1.3	38	73	124.8	0.7	CB50	T71C2	0.8
							102	28	52.6	2.0	R63	T80A2	1.2	36	80	144.3	4.6	CB110	T80A2	3.2
							102	28	51.9	1.2	R50	T80A2	0.8	36	80	138.2	2.3	CB85	T80A2	1.7
							100	28	53.5	2.0	R63	T71C2	1.2	36	40	138.2	2.3	R85	T80B4	1.6
							100	28	52.8	1.2	R50	T71C2	0.8	36	80	126.2	1.5	R85	T80A2	1.2
							100	28	50.7	0.7	R40	T71C2	0.5	36	40	134.3	1.2	R70	T80B4	1.2
							95	15	60.1	2.4	R70	T80B4	1.9	36	40	134.3	1.1	R63	T80B4	1.1
							95	15	60.1	2.2	R63	T80B4	1.7	36	80	120.2	0.9	R70	T80A2	0.8
							95	15	60.1	1.3	R50	T80B4	1.2	36	80	122.2	0.7	R63	T80A2	0.8
							93	10	63.9	5.2	R85	T90S6	3.0	36	40	132.4	0.6	R50	T80B4	0.7
							93	10	63.2	2.7	R70	T90S6	2.1	35	80	140.7	2.3	CB85	T71C2	1.7
							93	10	62.4	2.4	R63	T90S6	1.8	35	80	122.3	0.9	R70	T71C2	0.8
							92	10	63.8	2.6	R70	T80C6	2.1	35	80	124.3	0.7	R63	T71C2	0.8
							92	10	63.1	2.4	R63	T80C6	1.8	34	83	141.4	1.2	CB70	T80A2	1.3
							92	10	63.0	1.4	R50	T80C6	1.3	34	83	143.9	1.2	CB70	T71C2	1.3
							72	40	72.1	3.4	R85	T80A2	1.6	33	43	168.0	4.6	CB110	T80B4	3.8
							72	20	77.1	2.0	R70	T80B4	1.7	33	43	165.8	2.4	CB85	T80B4	2.2
							72	40	71.1	1.8	R70	T80A2	1.2	33	28	148.8	2.1	R85	T90S6	1.6
							72	20	77.2	1.8	R63	T80B4	1.5	33	28	146.7	1.2	R70	T90S6	1.2
							72	40	71.1	1.6	R63	T80A2	1.1	33	28	146.6	1.1	R63	T90S6	1.1
							72	20	76.1	1.0	R50	T80B4	1.0	33	28	148.3	1.1	R70	T80C6	1.2
							72	40	70.1	0.9	R50	T80A2	0.7	33	28	148.3	1.1	R63	T80C6	1.1
							70	40	72.4	1.7	R70	T71C2	1.2	33	28	146.2	0.6	R50	T80C6	0.7
							70	40	72.4	1.6	R63	T71C2	1.1	33	44	167.5	1.2	CB70	T80B4	1.6
							70	40	71.3	0.9	R50	T71C2	0.7	29	49	159.6	1.8	R85	T80B4	1.6
							67	43	85.1	3.9	CB85	T80A2	2.4	29	49	157.0	1.1	R70	T80B4	1.1
							65	43												



0.75
kW

STANDARD *line* Basic

1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		0.75 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.75 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		0.75 kW	Ptn kW
24	59	224.6	3.9	CB110	T80B4	3.8	13.3	70	307.2	1.0	R85	T90S6	1.2	7.5	124	678.1	5.9	CB180	T90S6	7.0
24	59	221.6	2.0	CB85	T80B4	2.2	13.3	70	388.3	0.7	CB70	T90S6	1.5	7.4	124	685.3	5.9	CB180	T80C6	7.0
24	59	218.6	1.1	CB70	T80B4	1.6	13.1	70	310.7	1.0	R85	T80C6	1.2	7.3	394	513.0	1.0	CB110	T80A2	1.9
23	40	237.2	6.5	CB130	T90S6	4.7	13.1	70	392.1	0.7	CB70	T80C6	1.5	7.2	129	626.0	1.6	CB110	T90S6	2.4
23	40	209.5	3.5	R110	T90S6	2.6	13.0	110	363.7	2.5	CB110	T80B4	2.9	7.2	129	586.3	0.8	CB85	T90S6	1.3
23	40	203.4	1.8	R85	T90S6	1.5	13.0	110	341.7	1.3	CB85	T80B4	1.5	7.2	200	591.1	3.0	70/130	T80B4	2.2
23	40	197.0	0.9	R70	T90S6	1.1	13.0	110	341.3	0.7	CB70	T80B4	1.2	7.2	200	591.1	3.0	63/130	T80B4	2.0
23	40	197.3	0.8	R63	T90S6	1.0	12.9	72	415.8	6.3	CB150	T90S6	5.9	7.2	200	580.9	1.7	50/110	T80B4	1.4
23	40	239.8	6.4	CB130	T80C6	4.7	12.9	72	415.7	4.1	CB130	T90S6	4.2	7.2	200	591.0	1.7	63/110	T80B4	2.0
23	40	205.5	1.7	R85	T80C6	1.5	12.8	72	420.3	6.2	CB150	T80C6	5.9	7.2	200	591.0	1.7	70/110	T80B4	2.2
23	40	199.3	0.9	R70	T80C6	1.1	12.8	72	420.4	4.1	CB130	T80C6	4.2	7.2	200	570.8	0.9	50/85	T80B4	1.4
23	40	199.2	0.8	R63	T80C6	1.0	12.7	225	360.7	2.1	CB110	T80A2	2.5	7.2	200	570.8	0.9	63/85	T80B4	2.0
22	129	229.3	3.3	CB110	T80A2	3.2	12.7	225	338.0	1.0	CB85	T80A2	1.4	7.2	200	570.8	0.9	70/85	T80B4	2.2
22	129	216.5	1.7	CB85	T80A2	1.7	12.5	228	325.8	0.7	CB70	T80A2	1.0	7.1	129	632.9	1.6	CB110	T80C6	2.4
22	130	214.8	0.9	CB70	T80A2	1.3	12.5	225	344.2	1.0	CB85	T71C2	1.4	7.1	129	593.1	0.8	CB85	T80C6	1.3
22	129	220.4	1.6	CB85	T71C2	1.7	12.4	115	414.9	5.9	CB150	T80B4	5.3	7.1	403	605.3	3.1	CB150	T80A2	3.7
22	43	251.6	3.5	CB110	T90S6	3.8	12.4	115	409.1	3.8	CB130	T80B4	3.9	7.1	403	585.0	2.0	CB130	T80A2	2.7
22	43	248.4	1.8	CB85	T90S6	2.2	12.4	231	370.2	5.3	CB150	T80A2	4.1	7.1	202	627.3	3.7	CB150	T80B4	3.9
22	130	218.7	0.9	CB70	T71C2	1.3	12.4	231	358.7	3.5	CB130	T80A2	3.0	7.1	202	617.0	2.4	CB130	T80B4	2.9
21	43	254.3	3.5	CB110	T80C6	3.8	12.3	228	331.2	0.6	CB70	T71C2	1.0	7.0	403	616.6	3.1	CB150	T71C2	3.7
21	43	251.1	1.8	CB85	T80C6	2.2	12.2	231	377.0	5.3	CB150	T71C2	4.1	7.0	403	596.2	2.0	CB130	T71C2	2.7
21	44	250.7	0.9	CB70	T90S6	1.6	12.2	231	365.2	3.5	CB130	T71C2	3.0	6.8	420	641.6	4.9	CB180	T80A2	5.2
21	44	253.6	0.9	CB70	T80C6	1.6	11.6	80	406.7	2.2	CB110	T90S6	2.9	6.7	213	651.1	5.1	CB180	T80B4	5.2
21	69	262.7	3.3	CB110	T80B4	3.8	11.6	80	357.4	1.6	R110	T90S6	2.0	6.7	420	653.1	4.8	CB180	T71C2	5.2
21	69	259.2	1.7	CB85	T80B4	2.2	11.6	80	382.1	1.1	CB85	T90S6	1.5	6.6	434	619.5	4.3	CB180	T80A2	4.7
20	70	213.9	1.2	R85	T80B4	1.3	11.6	80	332.8	0.8	R85	T90S6	1.1	6.6	428	665.0	6.5	CB215	T71C2	6.4
20	70	259.6	0.9	CB70	T80B4	1.6	11.5	80	411.2	2.2	CB110	T80C6	2.9	6.5	434	631.0	4.2	CB180	T71C2	4.7
20	70	199.9	0.7	R70	T80B4	0.9	11.5	80	386.2	1.1	CB85	T80C6	1.5	6.5	144	776.2	3.7	CB150	T90S6	4.9
20	72	274.1	5.6	CB130	T80B4	4.7	11.5	80	336.6	0.8	R85	T80C6	1.1	6.5	144	753.8	2.4	CB130	T90S6	3.3
20	144	259.7	5.3	CB130	T80A2	4.0	11.1	129	426.3	2.1	CB110	T80B4	2.9	6.4	144	784.5	3.6	CB150	T80C6	4.9
20	144	264.3	5.2	CB130	T71C2	4.0	11.1	129	400.6	1.1	CB85	T80B4	1.5	6.4	144	762.4	2.3	CB130	T80C6	3.3
19.0	49	249.0	2.7	R110	T90S6	2.5	10.9	85	471.4	5.4	CB150	T90S6	5.3	6.4	225	664.7	1.3	CB110	T80B4	2.3
19.0	49	233.9	1.4	R85	T90S6	1.3	10.9	85	458.2	3.5	CB130	T90S6	3.5	6.4	225	618.8	0.7	CB85	T80B4	1.3
19.0	49	230.0	0.6	R63	T90S6	0.9	10.8	85	476.7	5.3	CB150	T80C6	5.3	6.2	460	587.3	0.9	CB110	T80A2	1.9
18.8	49	236.4	1.4	R85	T80C6	1.3	10.8	85	463.4	3.5	CB130	T80C6	3.5	6.2	150	808.6	5.2	CB180	T90S6	6.8
18.8	49	228.7	0.8	R70	T80C6	1.0	10.2	140	428.0	3.9	63/130	T80B4	2.2	6.2	231	694.2	3.4	CB150	T80B4	3.7
18.8	49	232.5	0.6	R63	T80C6	0.9	10.2	140	435.0	3.8	70/130	T80B4	2.5	6.2	231	671.3	2.2	CB130	T80B4	2.7
18.6	50	296.5	5.5	CB130	T90S6	4.5	10.2	140	420.9	2.4	63/110	T80B4	2.2	6.1	150	817.9	5.1	CB180	T80C6	6.8
18.4	50	299.7	5.4	CB130	T80C6	4.5	10.2	140	420.9	2.4	50/110	T80B4	1.5	5.8	248	744.8	4.6	CB180	T80B4	5.1
18.2	51	290.6	3.4	CB110	T90S6	3.4	10.2	140	427.8	2.3	70/110	T80B4	2.5	5.7	162	761.2	3.2	CB150	T90S6	3.8
18.2	51	286.7	1.7	CB85	T90S6	2.0	10.2	140	420.9	1.2	63/85	T80B4	2.2	5.7	162	736.1	2.1	CB130	T90S6	2.6
18.2	51	286.8	0.8	CB70	T90S6	1.5	10.2	140	420.9	1.2	50/85	T80B4	1.5	5.7	162	769.2	3.2	CB150	T80C6	3.8
18.0	51	293.8	3.4	CB110	T80C6	3.4	10.2	140	420.9	1.2	70/85	T80B4	2.5	5.7	162	744.2	2.1	CB130	T80C6	2.6
18.0	51	289.8	1.7	CB85	T80C6	2.0	10.2	140	399.8	0.7	63/70	T80B4	2.2	5.7	504	694.6	2.5	CB150	T80A2	3.3
18.0	51	289.6	0.8	CB70	T80C6	1.5	10.2	140	399.8	0.7	50/70	T80B4	1.5	5.7	504	682.4	1.7	CB130	T80A2	2.4
17.9	80	276.4	2.9	CB110	T80B4	2.9	10.0	286	379.5	1.3	CB110	T80A2	1.9	5.6	504	706.1	2.4	CB150	T71C2	3.3
17.9	80	260.5	1.5	CB85	T80B4	1.5	10.0	286	358.1	0.7	CB85	T80A2	1.1	5.6	504	693.3	1.7	CB130	T71C2	2.4
17.9	80	232.5	1.0	R85	T80B4	1.2	9.9	144	512.1	5.1	CB150	T80B4	5.1	5.5	168	724.0	1.3	CB110	T90S6	2.0
17.9	80	216.3	0.7	R70	T80B4	0.8	9.9	288	447.2	4.7	CB150	T80A2	3.9	5.5	168	672.9	0.7	CB85	T90S6	1.1
17.7	162	263.7	4.4	CB130	T80A2	3.2	9.9	144	504.8	3.2	CB130	T80B4	3.7	5.5	518	778.4	5.8	CB215	T80A2	6.3
17.4	162	268.3	4.3	CB130	T71C2	3.2	9.9	288	440.1	3.0	CB130	T80A2	2.9	5.5	261	771.1	4.4	CB180	T80B4	5.0
17.2	166																			



1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n ₂ min ⁻¹	ir	T2 Nm	FS'		0.75 kW	Ptn kW	n ₂ min ⁻¹	ir	T2 Nm	FS'		0.75 kW	Ptn kW	n ₂ min ⁻¹	ir	T2 Nm	FS'		0.88 kW	Ptn kW
4.6	202	934.3	2.7	CB150	T90S6	3.7	2.4	600	1325	0.8	50/110	T80B4	1.2	201	7	35.5	3.7	R70	T80C4	2.5
4.6	202	902.8	1.8	CB130	T90S6	2.5	2.4	600	1325	0.8	70/110	T80B4	1.9	201	7	35.0	3.3	R63	T80C4	2.2
4.6	202	944.4	2.7	CB150	T80C6	3.7	2.3	403	1674	1.4	CB150	T90S6	3.2	201	7	35.1	1.9	R50	T80C4	1.5
4.6	202	913.1	1.8	CB130	T80C6	2.5	2.3	403	1613	0.9	CB130	T90S6	2.2	141	10	49.5	2.9	R70	T80C4	2.2
4.4	323	937.9	2.3	CB150	T80B4	3.5	2.3	403	1696	1.4	CB150	T80C6	3.2	141	10	49.5	2.5	R63	T80C4	2.0
4.4	323	905.4	1.4	CB130	T80B4	2.5	2.3	403	1634	0.9	CB130	T80C6	2.2	141	10	48.9	1.5	R50	T80C4	1.4
4.4	213	1016	5.5	CB215	T90S6	6.6	2.2	420	1783	2.2	CB180	T90S6	4.5	94	15	71.5	2.0	R70	T80C4	1.9
4.4	213	967.1	3.8	CB180	T90S6	5.0	2.2	420	1799	2.2	CB180	T80C6	4.5	94	15	71.5	1.8	R63	T80C4	1.7
4.3	213	1028	5.5	CB215	T80C6	6.6	2.2	428	1782	3.1	CB215	T90S6	5.4	94	15	71.5	1.1	R50	T80C4	1.2
4.3	213	978.1	3.8	CB180	T80C6	5.0	2.2	428	1799	3.1	CB215	T80C6	5.4	71	20	91.8	1.6	R70	T80C4	1.7
4.2	342	839.3	0.7	CB110	T80B4	1.8	2.1	435	1908	4.7	CB250	T90S6	8.8	71	20	91.8	1.5	R63	T80C4	1.5
4.1	225	970.8	1.0	CB110	T90S6	2.0	2.1	434	1707	2.0	CB180	T90S6	4.2	71	20	90.6	0.8	R50	T80C4	1.0
4.1	225	981.2	1.0	CB110	T80C6	2.0	2.1	434	1723	2.0	CB180	T80C6	4.2	50	28	118.5	1.2	R70	T80C4	1.3
4.0	710	977.4	5.8	CB250	T80A2	8.4	2.1	435	1935	4.6	CB250	T80C6	8.8	50	28	118.4	1.1	R63	T80C4	1.2
4.0	231	1031	2.5	CB150	T90S6	3.5	2.0	710	1817	3.7	CB250	T80B4	7.7	50	28	116.7	0.7	R50	T80C4	0.8
4.0	231	994.9	1.6	CB130	T90S6	2.4	2.0	720	1655	1.0	CB150	T80B4	2.7	35	40	164.5	1.9	R85	T80C4	1.6
4.0	231	1044	2.5	CB150	T80C6	3.5	2.0	720	1584	0.7	CB130	T80B4	2.0	35	40	159.8	1.0	R70	T80C4	1.2
4.0	231	1008	1.6	CB130	T80C6	2.4	1.9	750	1838	2.5	CB215	T80B4	4.9	35	40	159.7	0.9	R63	T80C4	1.1
4.0	720	902.4	1.6	CB150	T80A2	3.0	1.9	750	1725	1.6	CB180	T80B4	3.8	33	43	199.9	3.8	CB110	T80C4	3.8
4.0	720	866.5	1.1	CB130	T80A2	2.2	1.9	504	1897	1.1	CB150	T90S6	2.9	33	43	197.4	2.0	CB85	T80C4	2.2
4.0	710	994.7	5.7	CB250	T71C2	8.4	1.9	504	1859	0.8	CB130	T90S6	2.0	32	44	199.3	1.0	CB70	T80C4	1.6
3.9	720	918.4	1.6	CB150	T71C2	3.0	1.8	508	1996	3.4	CB250	T90S6	7.7	29	49	189.8	1.5	R85	T80C4	1.6
3.9	720	881.2	1.1	CB130	T71C2	2.2	1.8	504	1917	1.1	CB150	T80C6	2.9	29	49	186.8	0.9	R70	T80C4	1.1
3.9	368	1049	3.5	CB180	T80B4	4.7	1.8	504	1878	0.8	CB130	T80C6	2.0	29	49	186.8	0.7	R63	T80C4	1.0
3.8	375	1109	5.0	CB215	T80B4	6.1	1.8	508	2018	3.4	CB250	T80C6	7.7	28	50	232.5	6.3	CB130	T80C4	5.1
3.8	750	996.5	3.9	CB215	T80A2	5.3	1.8	518	2109	2.7	CB215	T90S6	5.3	28	51	237.1	3.2	CB110	T80C4	3.8
3.8	750	939.7	2.5	CB180	T80A2	4.1	1.8	518	2132	2.7	CB215	T80C6	5.3	28	51	234.1	1.7	CB85	T80C4	2.2
3.8	248	1165	5.0	CB215	T90S6	6.4	1.8	525	2023	1.8	CB180	T90S6	4.1	28	51	231.0	0.9	CB70	T80C4	1.6
3.8	750	1012	3.9	CB215	T71C2	5.3	1.8	525	2046	1.7	CB180	T80C6	4.1	25	56	220.2	1.3	R85	T80C4	1.6
3.8	248	1108	3.4	CB180	T90S6	4.9	1.6	573	2167	3.4	CB250	T90S6	7.4	25	56	207.0	0.8	R70	T80C4	1.0
3.8	750	955.1	2.4	CB180	T71C2	4.1	1.6	573	2180	3.3	CB250	T80C6	7.4	25	56	207.0	0.6	R63	T80C4	0.9
3.7	248	1178	4.9	CB215	T80C6	6.4	1.6	576	2091	1.0	CB150	T90S6	2.8	24	58	266.2	5.5	CB130	T80C4	4.9
3.7	248	1120	3.4	CB180	T80C6	4.9	1.6	576	2090	0.7	CB130	T90S6	2.0	24	59	267.2	3.3	CB110	T80C4	3.8
3.6	394	946.3	0.7	CB110	T80B4	1.8	1.6	576	2103	1.0	CB150	T80C6	2.8	24	59	263.8	1.7	CB85	T80C4	2.2
3.6	400	1020	1.8	63/130	T80B4	1.5	1.6	576	2102	0.7	CB130	T80C6	2.0	24	59	260.3	0.9	CB70	T80C4	1.6
3.6	400	1061	1.7	70/130	T80B4	1.7	1.6	600	2171	2.4	CB215	T90S6	4.7	20	69	312.6	2.8	CB110	T80C4	3.8
3.6	400	1040	1.0	70/110	T80B4	1.7	1.6	600	2217	1.5	CB180	T90S6	3.9	20	69	308.6	1.5	CB85	T80C4	2.2
3.6	400	1040	1.0	63/110	T80B4	1.5	1.5	600	2201	2.4	CB215	T80C6	4.7	20	70	254.6	1.0	R85	T80C4	1.3
3.6	400	1040	1.0	50/110	T80B4	1.0	1.5	600	2247	1.5	CB180	T80C6	3.9	20	70	308.7	0.8	CB70	T80C4	1.6
3.6	261	1147	3.3	CB180	T90S6	4.7	1.5	980	2158	1.8	85/180	T80B4	1.6	20	70	238.0	0.6	R70	T80C4	0.9
3.6	403	1130	2.0	CB150	T80B4	3.4	1.5	980	2158	1.3	85/150	T80B4	1.6	20	72	326.2	4.7	CB130	T80C4	4.7
3.6	403	1090	1.3	CB130	T80B4	2.4	1.5	980	2061	0.9	70/130	T80B4	1.1	17.6	80	329.2	2.4	CB110	T80C4	2.9
3.5	261	1160	3.2	CB180	T80C6	4.7	1.5	980	2061	0.9	63/130	T80B4	1.0	17.6	80	310.2	1.2	CB85	T80C4	1.5
3.5	267	1194	4.7	CB215	T90S6	6.0	1.5	980	2109	0.9	85/130	T80B4	1.6	17.6	80	276.6	0.9	R85	T80C4	1.2
3.5	267	1204	4.7	CB215	T80C6	6.0	1.3	710	2570	2.8	CB250	T90S6	7.2	17.0	83	316.3	0.6	CB70	T80C4	1.2
3.4	420	1201	3.0	CB180	T80B4	4.7	1.3	710	2589	2.8	CB250	T80C6	7.2	16.6	85	369.8	6.2	CB150	T80C4	5.5
3.3	428	1222	4.2	CB215	T80B4	5.8	1.3	720	2442	0.7	CB150	T90S6	2.6	16.6	85	364.8	4.0	CB130	T80C4	4.0
3.3	435	1285	6.3	CB250	T80B4	9.2	1.3	720	2464	0.7	CB150	T80C6	2.6	14.1	100	315.6	0.7	R85	T80C4	1.1
3.3	434	1154	2.7	CB180	T80B4	4.3	1.2	750	2714	1.8	CB215	T90S6	4.7	12.8	110	432.8	2.1	CB110	T80C4	2.9
3.2	288	1264	2.1	CB150	T90S6	3.4	1.2	750	2541	1.2	CB180	T90S6	3.6	12.8	110	406.5	1.1	CB85	T80C4	1.5
3.2	288	1219	1.4	CB130	T90S6	2.3	1.2	750	2736	1.8	CB215	T80C6	4.7	12.3	115	493.5	5.0	CB150	T80C4	5.3
3.2	288	1280	2.1	CB150	T80C6	3.4	1.2	750	2562	1.1	CB180	T80C6	3.6	12.3	115	486.7	3.2	CB130	T80C4	3.9
3.2	288	1234	1.4	CB130	T80C6	2.3	1.0	1372	2618	1.8	85/180</									



0.88
kW

1.1
kW

STANDARD *line* Basic

1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		0.88 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		1.1 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		1.1 kW	Ptn kW
6.6	213	812.4	6.3	CB215	T80C4	7.0	407	7	22.2	4.3	R70	T80B2	2.5	40	72	207.0	6.2	CB130	T80B2	5.1
6.6	213	774.4	4.3	CB180	T80C4	5.2	407	7	22.2	3.8	R63	T80B2	2.2	36	40	229.2	6.0	CB130	T90S4	5.1
6.3	225	791.1	1.1	CB110	T80C4	2.3	407	7	21.9	2.3	R50	T80B2	1.5	36	40	211.6	3.0	R110	T90S4	3.0
6.1	231	826.6	2.8	CB150	T80C4	3.7	285	10	31.0	3.4	R70	T80B2	2.2	36	40	202.7	1.5	R85	T90S4	1.6
6.1	231	799.2	1.9	CB130	T80C4	2.7	285	10	31.0	3.0	R63	T80B2	2.0	36	40	196.9	0.8	R70	T90S4	1.2
5.7	248	930.5	5.7	CB215	T80C4	6.8	285	10	31.0	1.8	R50	T80B2	1.4	36	40	196.9	0.7	R63	T90S4	1.1
5.7	248	886.2	3.9	CB180	T80C4	5.1	204	7	43.7	5.7	R85	T90S4	3.4	36	80	212.3	3.1	CB110	T80B2	3.2
5.4	261	918.1	3.7	CB180	T80C4	5.0	204	7	43.7	3.0	R70	T90S4	2.5	36	80	203.5	1.6	CB85	T80B2	1.7
5.3	267	970.9	5.3	CB215	T80C4	6.4	204	7	43.2	2.7	R63	T90S4	2.2	36	80	185.7	1.0	R85	T80B2	1.2
5.0	280	850.2	1.9	70/130	T80C4	2.2	200	7	44.6	3.0	R70	T80D4	2.5	36	80	177.1	0.6	R70	T80B2	0.8
5.0	280	850.2	1.9	63/130	T80C4	2.0	200	7	44.1	2.6	R63	T80D4	2.2	35	40	234.1	5.9	CB130	T80D4	5.1
5.0	280	834.1	1.2	50/110	T80C4	1.4	200	7	44.1	1.5	R50	T80D4	1.5	35	40	207.1	1.5	R85	T80D4	1.6
5.0	280	850.2	1.2	63/110	T80C4	2.0	190	15	45.3	2.4	R70	T80B2	1.9	35	40	201.1	0.8	R70	T80D4	1.2
5.0	280	850.2	1.2	70/110	T80C4	2.2	190	15	45.3	2.2	R63	T80B2	1.7	35	40	201.1	0.7	R63	T80D4	1.1
5.0	280	784.3	0.6	70/85	T80C4	2.2	190	15	45.3	1.3	R50	T80B2	1.2	34	83	208.0	0.8	CB70	T80B2	1.3
5.0	280	784.3	0.6	63/85	T80C4	2.0	143	10	61.7	4.5	R85	T90S4	3.2	34	85	231.8	5.2	CB130	T80B2	4.3
5.0	280	784.3	0.6	50/85	T80C4	1.4	143	10	61.0	2.3	R70	T90S4	2.2	33	43	246.3	3.1	CB110	T90S4	3.8
4.9	286	835.6	0.7	CB110	T80C4	1.8	143	10	61.0	2.1	R63	T90S4	2.0	33	43	243.2	1.7	CB85	T90S4	2.2
4.9	288	1012	2.4	CB150	T80C4	3.6	143	20	59.0	2.0	R70	T80B2	1.7	33	28	220.6	1.4	R85	T90L6	1.6
4.9	288	977.3	1.6	CB130	T80C4	2.6	143	20	59.0	1.8	R63	T80B2	1.5	33	28	217.4	0.8	R70	T90L6	1.2
4.7	300	1109	5.0	CB215	T80C4	6.6	143	20	58.2	1.0	R50	T80B2	1.0	33	28	217.5	0.7	R63	T90L6	1.1
4.6	304	1051	3.3	CB180	T80C4	4.9	140	10	62.3	2.3	R70	T80D4	2.2	33	43	251.7	3.1	CB110	T80D4	3.8
4.4	323	1116	1.9	CB150	T80C4	3.5	140	10	62.3	2.0	R63	T80D4	2.0	33	43	248.5	1.6	CB85	T80D4	2.2
4.4	323	1077	1.2	CB130	T80C4	2.5	140	10	61.5	1.2	R50	T80D4	1.4	33	44	245.6	0.8	CB70	T90S4	1.6
3.8	368	1251	2.9	CB180	T80C4	4.7	131	7	67.1	4.4	R85	T90L6	3.2	32	44	250.8	0.8	CB70	T80D4	1.6
3.8	375	1319	4.2	CB215	T80C4	6.1	131	7	67.1	2.4	R70	T90L6	2.4	29	49	248.4	2.3	R110	T90S4	2.7
3.5	400	1218	1.5	63/130	T80C4	1.5	131	7	67.1	2.0	R63	T90L6	2.2	29	49	234.0	1.2	R85	T90S4	1.6
3.5	400	1265	1.4	70/130	T80C4	1.7	102	28	76.4	1.5	R70	T80B2	1.3	29	50	286.5	5.1	CB130	T90S4	5.1
3.5	400	1241	0.8	70/110	T80C4	1.7	102	28	77.4	1.4	R63	T80B2	1.2	29	49	239.0	1.2	R85	T80D4	1.6
3.5	400	1241	0.8	63/110	T80C4	1.5	102	28	76.4	0.8	R50	T80B2	0.8	29	49	235.3	0.7	R70	T80D4	1.1
3.5	400	1241	0.8	50/110	T80C4	1.0	95	15	89.2	3.2	R85	T90S4	2.7	29	100	217.5	0.8	R85	T80B2	1.1
3.5	403	1344	1.7	CB150	T80C4	3.4	95	15	88.2	1.6	R70	T90S4	1.9	28	51	292.2	2.6	CB110	T90S4	3.8
3.5	403	1297	1.1	CB130	T80C4	2.4	95	15	88.1	1.5	R63	T90S4	1.7	28	51	288.4	1.4	CB85	T90S4	2.2
3.4	420	1426	2.6	CB180	T80C4	4.7	93	15	90.1	1.6	R70	T80D4	1.9	28	51	284.7	0.7	CB70	T90S4	1.6
3.3	428	1456	3.5	CB215	T80C4	5.8	93	15	90.1	1.5	R63	T80D4	1.7	28	50	292.6	5.0	CB130	T80D4	5.1
3.3	434	1371	2.3	CB180	T80C4	4.3	93	15	90.1	0.8	R50	T80D4	1.2	27	51	298.5	2.6	CB110	T80D4	3.8
3.2	435	1530	5.3	CB250	T80C4	9.2	92	10	94.8	3.5	R85	T90L6	3.0	27	51	294.7	1.4	CB85	T80D4	2.2
2.8	504	1530	1.3	CB150	T80C4	3.0	92	10	93.6	1.8	R70	T90L6	2.1	27	51	291.0	0.7	CB70	T80D4	1.6
2.8	504	1501	0.9	CB130	T80C4	2.2	92	10	92.5	1.6	R63	T90L6	1.8	26	110	291.9	2.4	CB110	T80B2	3.2
2.8	508	1602	3.9	CB250	T80C4	8.1	72	20	116.1	2.7	R85	T90S4	2.4	26	110	275.6	1.2	CB85	T80B2	1.7
2.7	518	1730	3.1	CB215	T80C4	5.7	72	20	113.1	1.3	R70	T90S4	1.7	26	110	271.6	0.7	CB70	T80B2	1.3
2.7	525	1625	2.0	CB180	T80C4	4.3	72	20	113.2	1.2	R63	T90S4	1.5	26	56	283.9	1.6	R110	T90S4	2.7
2.5	573	1742	3.8	CB250	T80C4	7.7	71	40	106.1	2.3	R85	T80B2	1.6	26	56	271.4	1.0	R85	T90S4	1.6
2.5	576	1715	1.1	CB150	T80C4	3.0	71	40	104.7	1.2	R70	T80B2	1.2	25	56	277.5	1.0	R85	T80D4	1.6
2.5	576	1680	0.8	CB130	T80C4	2.2	71	40	104.7	1.1	R63	T80B2	1.1	25	56	260.6	0.6	R70	T80D4	1.0
2.4	600	1752	2.7	CB215	T80C4	4.9	71	40	103.2	0.6	R50	T80B2	0.7	25	115	317.9	6.5	CB150	T80B2	5.9
2.4	600	1824	1.7	CB180	T80C4	4.2	70	20	115.6	1.3	R70	T80D4	1.7	25	115	309.4	4.2	CB130	T80B2	4.2
2.4	600	1538	1.2	70/130	T80C4	1.9	70	20	115.5	1.2	R63	T80D4	1.5	25	58	328.0	4.4	CB130	T90S4	4.9
2.4	600	1538	1.2	63/130	T80C4	1.7	70	20	114.0	0.6	R50	T80D4	1.0	24	59	329.4	2.7	CB110	T90S4	3.8
2.4	600	1574	0.6	63/110	T80C4	1.7	66	43	126.8	5.0	CB110	T80B2	4.2	24	59	325.0	1.4	CB85	T90S4	2.2
2.4	600	1574	0.6	50/110	T80C4	1.2	66	43	125.2	2.7	CB85	T80B2	2.4	24	59	320.5	0.7	CB70	T90S4	1.6
2.4	600	1574	0.6	70/110	T80C4	1.9	65	44	126.5	1.3	CB70	T80B2	1.8	24	58	335.1	4.3	CB130	T80D4	4.9
2.0	710	2154	3.1	CB250	T80C4	7.7	61	15	135.3	2.5	R85	T90L6	2.4	24	59	336.5	2.6	CB110	T80D4	3.8



1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		1.1 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		1.1 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		1.1 kW	 Ptn kW
19.4	72	410.7	3.7	CB130	T80D4	4.7	10.0	140	651.2	2.5	70/130	T80D4	2.5	5.7	162	1092	1.4	CB130	T90L6	2.6
18.8	49	369.3	1.8	R110	T90L6	2.5	10.0	140	630.4	1.6	50/110	T80D4	1.5	5.7	248	1171	4.5	CB215	T80D4	6.8
18.8	49	346.6	0.9	R85	T90L6	1.3	10.0	140	630.4	1.6	63/110	T80D4	2.2	5.7	248	1116	3.1	CB180	T80D4	5.1
18.4	50	439.6	5.6	CB150	T90L6	6.4	10.0	140	640.7	1.6	70/110	T80D4	2.5	5.7	504	1023	1.7	CB150	T80B2	3.3
18.4	50	439.6	3.7	CB130	T90L6	4.5	10.0	140	630.0	0.8	50/85	T80D4	1.5	5.7	504	1004	1.2	CB130	T80B2	2.4
18.0	51	430.9	2.3	CB110	T90L6	3.4	10.0	140	630.0	0.8	70/85	T80D4	2.5	5.6	508	1067	4.9	CB250	T80B2	8.8
18.0	51	425.0	1.2	CB85	T90L6	2.0	10.0	140	630.0	0.8	63/85	T80D4	2.2	5.5	518	1146	4.0	CB215	T80B2	6.3
17.9	80	405.4	2.0	CB110	T90S4	2.9	10.0	286	558.3	0.9	CB110	T80B2	1.9	5.5	261	1131	3.0	CB180	T90S4	5.0
17.9	80	364.2	1.3	R110	T90S4	2.2	9.9	144	751.0	3.4	CB150	T90S4	5.1	5.5	168	1074	0.9	CB110	T90L6	2.0
17.9	80	382.0	1.0	CB85	T90S4	1.5	9.9	144	740.4	2.2	CB130	T90S4	3.7	5.4	525	1083	2.6	CB180	T80B2	4.6
17.9	80	340.9	0.7	R85	T90S4	1.2	9.9	288	657.8	3.2	CB150	T80B2	3.9	5.4	267	1196	4.3	CB215	T90S4	6.4
17.6	162	400.2	4.6	CB150	T80B2	4.5	9.9	288	647.4	2.1	CB130	T80B2	2.9	5.4	261	1157	2.9	CB180	T80D4	5.0
17.6	162	388.2	3.0	CB130	T80B2	3.2	9.7	144	767.4	3.4	CB150	T80D4	5.1	5.3	174	1251	4.9	CB215	T90L6	6.8
17.5	80	414.2	1.9	CB110	T80D4	2.9	9.7	144	756.7	2.2	CB130	T80D4	3.7	5.3	174	1251	2.9	CB180	T90L6	5.5
17.5	80	390.2	1.0	CB85	T80D4	1.5	9.5	150	793.6	4.8	CB180	T90S4	7.3	5.2	267	1223	4.2	CB215	T80D4	6.4
17.5	80	348.0	0.7	R85	T80D4	1.2	9.5	300	729.9	6.4	CB215	T80B2	7.4	5.1	280	1131	3.3	85/180	T90S4	3.2
17.0	168	408.7	1.6	CB110	T80B2	2.6	9.4	304	694.4	4.3	CB180	T80B2	5.4	5.1	280	1090	2.3	85/150	T90S4	3.2
17.0	168	384.2	0.9	CB85	T80B2	1.4	9.3	150	810.7	4.7	CB180	T80D4	7.3	5.1	280	1048	1.5	63/130	T90S4	2.0
16.8	85	455.9	5.0	CB150	T90S4	5.5	9.2	100	605.4	0.8	R110	T90L6	1.8	5.1	280	1048	1.5	85/130	T90S4	3.2
16.8	85	449.6	3.2	CB130	T90S4	4.0	8.8	162	749.6	3.0	CB150	T90S4	4.0	5.1	280	1048	1.5	70/130	T90S4	2.2
16.5	85	465.6	4.9	CB150	T80D4	5.5	8.8	162	737.8	1.9	CB130	T90S4	3.0	5.1	280	1049	1.0	85/110	T90S4	2.2
16.5	85	459.3	3.1	CB130	T80D4	4.0	8.8	323	726.5	2.5	CB150	T80B2	3.8	5.1	280	1049	1.0	70/110	T90S4	2.2
16.4	56	409.2	1.3	R110	T90L6	2.3	8.8	323	702.7	1.6	CB130	T80B2	2.7	5.1	280	1049	1.0	63/110	T90S4	2.0
16.4	56	396.2	0.8	R85	T90L6	1.3	8.6	162	766.1	2.9	CB150	T80D4	4.0	5.0	280	1071	1.5	70/130	T80D4	2.2
16.4	174	436.1	6.4	CB180	T80B2	6.4	8.6	162	753.8	1.8	CB130	T80D4	3.0	5.0	280	1071	1.5	63/130	T80D4	2.0
15.9	58	503.4	4.9	CB150	T90L6	6.2	8.6	107	867.4	4.5	CB180	T90L6	7.0	5.0	280	1051	1.0	50/110	T80D4	1.4
15.9	58	503.4	3.2	CB130	T90L6	4.3	8.5	168	765.1	1.0	CB110	T90S4	2.3	5.0	280	1071	0.9	70/110	T80D4	2.2
15.6	59	498.6	2.0	CB110	T90L6	3.4	8.4	110	791.4	1.3	CB110	T90L6	2.4	5.0	280	1071	0.9	63/110	T80D4	2.0
15.6	59	491.9	1.0	CB85	T90L6	2.0	8.4	110	741.6	0.6	CB85	T90L6	1.3	5.0	573	1163	4.9	CB250	T80B2	8.4
14.8	62	545.1	6.5	CB180	T90L6	8.9	8.3	168	781.7	1.0	CB110	T80D4	2.3	5.0	288	1247	2.0	CB150	T90S4	3.6
14.3	100	418.9	1.1	R110	T90S4	1.9	8.3	342	668.2	0.8	CB110	T80B2	1.9	5.0	288	1205	1.3	CB130	T90S4	2.6
14.1	202	491.4	4.0	CB150	T80B2	4.4	8.2	174	830.6	4.0	CB180	T90S4	5.8	5.0	576	1125	1.4	CB150	T80B2	3.2
14.1	202	476.5	2.6	CB130	T80B2	3.1	8.1	174	848.2	3.9	CB180	T80D4	5.8	5.0	576	1104	1.0	CB130	T80B2	2.3
13.4	213	510.4	5.5	CB180	T80B2	5.8	8.0	115	919.2	3.0	CB150	T90L6	4.9	4.9	290	1321	6.5	CB250	T90S4	11
13.4	107	574.0	6.1	CB180	T90S4	7.6	8.0	115	906.0	1.9	CB130	T90L6	3.4	4.9	288	1275	1.9	CB150	T80D4	3.6
13.3	69	583.3	1.7	CB110	T90L6	3.4	7.7	368	827.8	3.8	CB180	T80B2	5.2	4.9	288	1232	1.3	CB130	T80D4	2.6
13.3	69	575.3	0.9	CB85	T90L6	2.0	7.6	375	870.9	5.4	CB215	T80B2	6.8	4.8	290	1348	6.3	CB250	T80D4	11
13.1	70	479.5	1.1	R110	T90L6	2.1	7.4	124	1005	4.0	CB180	T90L6	7.0	4.8	300	1365	4.0	CB215	T90S4	6.6
13.1	70	455.6	0.7	R85	T90L6	1.2	7.2	394	755.3	0.7	CB110	T80B2	1.9	4.8	600	1172	3.5	CB215	T80B2	5.3
13.1	107	586.3	6.0	CB180	T80D4	7.6	7.2	200	910.9	4.5	85/180	T90S4	3.2	4.8	600	1194	2.2	CB180	T80B2	4.4
13.0	110	533.4	1.7	CB110	T90S4	2.9	7.2	200	896.2	3.2	85/150	T90S4	3.2	4.7	304	1297	2.7	CB180	T90S4	4.9
13.0	110	501.2	0.9	CB85	T90S4	1.5	7.2	200	866.9	2.1	63/130	T90S4	2.0	4.7	300	1395	4.0	CB215	T80D4	6.6
12.8	72	616.5	4.2	CB150	T90L6	5.9	7.2	200	866.9	2.1	70/130	T90S4	2.2	4.6	304	1322	2.7	CB180	T80D4	4.9
12.8	72	616.6	2.8	CB130	T90L6	4.2	7.2	200	881.6	2.0	85/130	T90S4	3.2	4.6	202	1385	1.9	CB150	T90L6	3.7
12.7	110	544.5	1.6	CB110	T80D4	2.9	7.2	200	866.8	1.2	70/110	T90S4	2.2	4.6	202	1339	1.2	CB130	T90L6	2.5
12.7	110	511.4	0.8	CB85	T80D4	1.5	7.2	200	866.8	1.2	63/110	T90S4	2.0	4.4	207	1491	6.1	CB250	T90L6	11
12.7	225	530.8	1.4	CB110	T80B2	2.5	7.2	200	881.4	1.1	85/110	T90S4	2.2	4.4	323	1376	1.5	CB150	T90S4	3.5
12.7	225	497.7	0.7	CB85	T80B2	1.4	7.1	129	928.3	1.1	CB110	T90L6	2.4	4.4	323	1328	1.0	CB130	T90S4	2.5
12.4	115	608.5	4.0	CB150	T90S4	5.3	7.1	202	920.1	2.5	CB150	T90S4	3.9	4.3	323	1407	1.5	CB150	T80D4	3.5
12.4	115	600.0	2.6	CB130	T90S4	3.9	7.1	202	904.9	1.6	CB130	T90S4	2.9	4.3	323	1358	1.0	CB130	T80D4	2.5
12.3	231	544.8	3.6	CB150	T80B2	4.1	7.1	403	891.5	2.1	CB150	T80B2	3.7	4.3	213	1508	3.7	CB215	T9	

**1.1
kW****1.5
kW****STANDARD** *line* **Basic**

1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		1.1 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		1.1 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		1.5 kW	Ptn kW
3.5	400	1530	1.2	63/130	T80D4	1.5	1.4	980	3233	1.2	85/180	T80D4	1.6	411	7	29.9	5.9	R85	T90S2	3.4
3.5	400	1590	1.1	70/130	T80D4	1.7	1.4	980	3232	0.9	85/150	T80D4	1.6	411	7	29.9	3.2	R70	T90S2	2.5
3.5	400	1560	0.6	70/110	T80D4	1.7	1.3	710	3797	1.9	CB250	T90L6	7.2	411	7	29.9	2.8	R63	T90S2	2.2
3.5	400	1560	0.6	50/110	T80D4	1.0	1.2	750	4013	1.2	CB215	T90L6	4.7	410	7	30.1	3.2	R70	T80C2	2.5
3.5	400	1560	0.6	63/110	T80D4	1.5	1.2	750	3757	0.8	CB180	T90L6	3.6	410	7	30.1	2.8	R63	T80C2	2.2
3.5	403	1696	1.3	CB150	T80D4	3.4	1.0	1372	4748	1.5	110/215	T90S4	2.7	410	7	29.7	1.7	R50	T80C2	1.5
3.5	403	1635	0.8	CB130	T80D4	2.4	1.0	1372	3839	1.2	85/180	T90S4	1.6	288	10	42.3	4.8	R85	T90S2	3.2
3.5	267	1766	3.2	CB215	T90L6	6.0	1.0	1372	4042	1.1	110/180	T90S4	2.7	288	10	41.8	2.5	R70	T90S2	2.2
3.4	420	1761	2.1	CB180	T90S4	4.7	1.0	1372	3735	0.8	85/150	T90S4	1.6	288	10	41.8	2.2	R63	T90S2	2.0
3.3	428	1793	2.8	CB215	T90S4	5.8	1.0	1372	3938	0.7	110/150	T90S4	2.7	287	10	41.9	2.5	R70	T80C2	2.2
3.3	420	1798	2.0	CB180	T80D4	4.7	1.0	1372	3913	1.2	85/180	T80D4	1.6	287	10	41.9	2.2	R63	T80C2	2.0
3.3	435	1884	4.3	CB250	T90S4	9.2	1.0	1372	3811	0.8	85/150	T80D4	1.6	287	10	41.9	1.3	R50	T80C2	1.4
3.3	434	1692	1.9	CB180	T90S4	4.3	0.73	1960	5613	1.3	110/215	T90S4	2.7	204	7	59.6	4.1	R85	T90L4	3.4
3.3	428	1831	2.8	CB215	T80D4	5.8	0.73	1960	4894	0.9	85/180	T90S4	1.6	204	7	59.6	2.2	R70	T90L4	2.5
3.2	434	1724	1.8	CB180	T80D4	4.3	0.73	1960	5179	0.9	110/180	T90S4	2.7	204	7	58.9	2.0	R63	T90L4	2.2
3.2	435	1925	4.2	CB250	T80D4	9.2	0.71	1960	5030	0.9	85/180	T80D4	1.6	192	15	61.2	3.4	R85	T90S2	2.7
3.2	288	1877	1.4	CB150	T90L6	3.4	0.51	2800	7207	1.0	110/215	T90S4	2.3	192	15	61.2	1.8	R70	T90S2	1.9
3.2	288	1811	0.9	CB130	T90L6	2.3	0.51	2800	6389	0.7	85/180	T90S4	1.3	192	15	61.2	1.6	R63	T90S2	1.7
3.2	290	1988	4.7	CB250	T90L6	10	0.51	2800	6589	0.7	110/180	T90S4	2.3	191	15	61.4	1.8	R70	T80C2	1.9
3.1	300	2053	2.9	CB215	T90L6	6.3	0.50	2800	6512	0.7	85/180	T80D4	1.3	191	15	61.4	1.6	R63	T80C2	1.7
3.0	304	1941	2.0	CB180	T90L6	4.6	0.36	4000	9041	0.8	110/215	T90S4	1.9	191	15	61.4	0.9	R50	T80C2	1.2
2.9	323	2027	1.1	CB150	T90L6	3.3	0.25	5700	11347	0.6	110/215	T90S4	1.9	144	20	80.6	2.9	R85	T90S2	2.4
2.9	323	1953	0.7	CB130	T90L6	2.2								144	20	79.6	1.4	R70	T90S2	1.7
2.8	504	1887	1.1	CB150	T90S4	3.0								144	20	79.6	1.3	R63	T90S2	1.5
2.8	504	1850	0.7	CB130	T90S4	2.2								144	20	79.9	1.4	R70	T80C2	1.7
2.8	508	1982	3.1	CB250	T90S4	8.1								144	20	79.9	1.3	R63	T80C2	1.5
2.8	504	1927	1.0	CB150	T80D4	3.0								144	20	78.9	0.7	R50	T80C2	1.0
2.8	504	1890	0.7	CB130	T80D4	2.2								143	10	84.2	3.3	R85	T90L4	3.2
2.8	508	2017	3.1	CB250	T80D4	8.1								143	10	83.1	1.7	R70	T90L4	2.2
2.8	518	2131	2.5	CB215	T90S4	5.7								143	10	83.2	1.5	R63	T90L4	2.0
2.7	525	2008	1.6	CB180	T90S4	4.3								134	7	90.7	6.4	R110	T100A6	5.6
2.7	518	2179	2.4	CB215	T80D4	5.7								134	7	89.6	3.3	R85	T90LB6	3.2
2.7	525	2046	1.6	CB180	T80D4	4.3								134	7	89.6	3.3	R85	T100A6	3.2
2.6	360	2421	4.0	CB250	T90L6	9.2								134	7	89.6	1.8	R70	T100A6	2.4
2.5	573	2143	3.1	CB250	T90S4	7.7								134	7	89.6	1.8	R70	T90LB6	2.4
2.5	368	2311	1.7	CB180	T90L6	4.5								134	7	89.6	1.5	R63	T90LB6	2.2
2.5	576	2118	0.9	CB150	T90S4	3.0								103	28	104.4	2.0	R85	T90S2	1.8
2.5	576	2075	0.6	CB130	T90S4	2.2								103	28	103.0	1.1	R70	T90S2	1.3
2.5	375	2444	2.5	CB215	T90L6	5.8								103	28	104.4	1.0	R63	T90S2	1.2
2.4	573	2196	3.0	CB250	T80D4	7.7								103	28	103.4	1.1	R70	T80C2	1.3
2.4	576	2162	0.9	CB150	T80D4	3.0								103	28	104.8	1.0	R63	T80C2	1.2
2.4	576	2119	0.6	CB130	T80D4	2.2								95	15	121.7	2.3	R85	T90L4	2.7
2.4	600	2163	2.2	CB215	T90S4	4.9								95	15	120.2	1.2	R70	T90L4	1.9
2.4	600	2030	2.0	85/180	T90S4	2.7								95	15	120.2	1.1	R63	T90L4	1.7
2.4	600	1986	1.5	85/150	T90S4	2.7								94	10	128.0	5.0	R110	T100A6	5.2
2.4	600	2252	1.4	CB180	T90S4	4.2								94	10	126.5	2.6	R85	T90LB6	3.0
2.4	600	1898	0.9	63/130	T90S4	1.7								94	10	126.5	2.6	R85	T100A6	3.0
2.4	600	1898	0.9	70/130	T90S4	1.9								94	10	124.9	1.3	R70	T100A6	2.1
2.4	600	1941	0.9	85/130	T90S4	2.7								94	10	124.9	1.3	R70	T90LB6	2.1
2.3	600	2209	2.2	CB215	T80D4	4.9								94	10	123.4	1.2	R63	T90LB6	1.8
2.3	600	2300	1.3	CB180	T80D4	4.2								72	40	147.2	3.3	R110	T90S2	3.0
2.3	600	1939	0.9	70/130	T80D4	1.9								72	40	143.3	1.7	R85	T90S2	1.6
2.3	600	1939	0.9	63/130	T80D4	1.7								72	40	141.3	0.9	R70	T90S2	1.2
2.3	403	2488	1.0	CB150	T90L6	3.2								72	40	141.2	0.8	R63	T90S2	1.1
2.3	403	2396	0.6	CB130	T90L6	2.2								72	40	143.8	1.7	R85	T80C2	1.6
2.2	420	2639	1.5	CB180	T90L6	4.5								72	40	141.8	0.9	R70	T80C2	1.2
2.2	428	2639	2.1	CB215	T90L6	5.4								72	40	141.7	0.8	R63	T80C2	1.1
2.1	434	2526	1.4	CB180	T90L6	4.2								72	20	158.3	2.0	R85	T90L4	2.4
2.1	435	2838	3.1	CB250	T90L6	8.8														



1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		1.5 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		1.5 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		1.5 kW	 Ptn kW
56	51	200.4	1.7	CB85	T90S2	2.4	25	58	447.3	3.3	CB130	T90L4	4.9	14.3	100	571.2	0.8	R110	T90L4	1.9
56	51	197.8	0.9	CB70	T90S2	1.8	24	59	449.1	2.0	CB110	T90L4	3.8	14.3	202	663.0	3.0	CB150	T90S2	4.4
56	51	203.7	3.1	CB110	T80C2	4.2	24	59	443.1	1.0	CB85	T90L4	2.2	14.3	202	642.9	1.9	CB130	T90S2	3.1
56	51	201.1	1.7	CB85	T80C2	2.4	24	40	475.5	4.9	CB150	T100A6	6.7	14.2	202	665.3	3.0	CB150	T80C2	4.4
56	51	198.6	0.9	CB70	T80C2	1.8	24	40	475.5	4.9	CB150	T90LB6	6.7	14.2	202	645.2	1.9	CB130	T80C2	3.1
51	56	197.8	1.8	R110	T90S2	2.7	24	40	444.9	3.7	R150	T100A6	5.5	13.6	69	778.3	1.3	CB110	T100A6	3.4
51	56	194.9	1.1	R85	T90S2	1.6	24	40	469.4	3.3	CB130	T100A6	4.7	13.6	69	778.3	1.3	CB110	T90LB6	3.4
51	56	195.6	1.1	R85	T80C2	1.6	24	40	469.4	3.3	CB130	T90LB6	4.7	13.6	69	767.7	0.7	CB85	T90LB6	2.0
51	56	187.3	0.7	R70	T80C2	1.0	24	40	432.8	2.4	R130	T100A6	3.7	13.5	213	720.5	5.9	CB215	T90S2	7.8
51	28	201.9	1.4	R85	T90L4	1.8	24	40	414.5	1.8	R110	T90LB6	2.6	13.5	213	688.7	4.0	CB180	T90S2	5.8
51	28	199.2	0.7	R70	T90L4	1.3	24	40	414.5	1.8	R110	T100A6	2.6	13.5	213	723.1	5.9	CB215	T80C2	7.8
51	28	199.1	0.7	R63	T90L4	1.2	24	40	402.5	0.9	R85	T90LB6	1.5	13.5	213	691.2	4.0	CB180	T80C2	5.8
50	58	227.9	5.2	CB130	T90S2	5.3	24	40	402.5	0.9	R85	T100A6	1.5	13.4	70	671.9	2.0	R150	T100A6	4.0
49	58	228.7	5.2	CB130	T80C2	5.3	23	124	462.5	6.6	CB180	T90S2	8.2	13.4	70	661.3	1.4	R130	T100A6	2.9
49	59	234.8	2.9	CB110	T90S2	4.2	23	124	464.1	6.5	CB180	T80C2	8.2	13.4	70	640.2	0.9	R110	T100A6	2.1
49	59	231.9	1.5	CB85	T90S2	2.4	23	62	484.5	6.6	CB180	T90L4	9.3	13.4	70	640.2	0.9	R110	T90LB6	2.1
49	59	228.9	0.8	CB70	T90S2	1.8	22	129	455.5	1.6	CB110	T90S2	3.2	13.4	107	782.8	4.5	CB180	T90L4	7.6
49	59	235.6	2.9	CB110	T80C2	4.2	22	129	429.9	0.8	CB85	T90S2	1.7	13.1	72	822.6	3.2	CB150	T90LB6	5.9
49	59	232.7	1.5	CB85	T80C2	2.4	22	129	457.2	1.6	CB110	T80C2	3.2	13.1	72	822.6	3.2	CB150	T100A6	5.9
49	59	229.7	0.8	CB70	T80C2	1.8	22	129	431.3	0.8	CB85	T80C2	1.7	13.1	72	822.7	2.1	CB130	T100A6	4.2
47	20	249.9	4.3	R130	T100A6	6.0	22	43	498.1	1.8	CB110	T100A6	3.8	13.1	72	822.7	2.1	CB130	T90LB6	4.2
47	20	240.8	3.0	R110	T100A6	4.0	22	43	498.1	1.8	CB110	T90LB6	3.8	13.0	110	727.3	1.2	CB110	T90L4	2.9
47	20	234.7	1.5	R85	T90LB6	2.2	22	43	491.3	0.9	CB85	T90LB6	2.2	13.0	110	683.4	0.6	CB85	T90L4	1.5
47	20	234.7	1.5	R85	T100A6	2.2	21	69	525.5	1.7	CB110	T90L4	3.8	12.8	225	716.3	1.0	CB110	T90S2	2.5
47	20	228.7	0.8	R70	T90LB6	1.5	21	69	518.3	0.9	CB85	T90L4	2.2	12.8	225	718.6	1.0	CB110	T80C2	2.5
47	20	228.5	0.7	R63	T90LB6	1.4	20	70	448.9	1.1	R110	T90L4	2.3	12.5	75	868.9	4.3	CB180	T100A6	8.5
42	69	271.2	2.7	CB110	T90S2	4.2	20	70	427.9	0.6	R85	T90L4	1.3	12.5	75	868.9	4.3	CB180	T90LB6	8.5
42	69	267.7	1.4	CB85	T90S2	2.4	20	144	530.0	4.1	CB150	T90S2	5.7	12.5	231	735.1	2.7	CB150	T90S2	4.1
42	69	272.1	2.7	CB110	T80C2	4.2	20	144	515.8	2.7	CB130	T90S2	4.0	12.5	231	712.2	1.8	CB130	T90S2	3.0
42	69	268.7	1.4	CB85	T80C2	2.4	20	144	531.9	4.1	CB150	T80C2	5.7	12.4	115	829.7	3.0	CB150	T90L4	5.3
41	70	236.7	1.6	R110	T90S2	2.3	20	144	517.6	2.7	CB130	T80C2	4.0	12.4	115	818.2	1.9	CB130	T90L4	3.9
41	70	229.7	0.9	R85	T90S2	1.3	20	72	555.4	4.2	CB150	T90L4	6.4	12.4	231	738.3	2.7	CB150	T80C2	4.1
41	70	268.1	0.7	CB70	T90S2	1.8	20	72	548.2	2.8	CB130	T90L4	4.7	12.4	231	715.1	1.8	CB130	T80C2	3.0
41	70	230.6	0.9	R85	T80C2	1.3	19.2	150	552.1	5.8	CB180	T90S2	7.9	11.8	80	755.8	1.7	R150	T100A6	3.9
41	70	269.1	0.7	CB70	T80C2	1.8	19.2	49	515.4	3.0	R150	T100A6	4.8	11.8	80	731.4	1.2	R130	T100A6	2.7
40	72	279.3	4.6	CB130	T90S2	5.1	19.2	49	515.4	2.0	R130	T100A6	3.5	11.8	80	804.7	1.1	CB110	T90LB6	2.9
40	72	280.3	4.6	CB130	T80C2	5.1	19.2	49	492.9	1.4	R110	T90LB6	2.5	11.8	80	804.7	1.1	CB110	T100A6	2.9
36	80	286.5	2.3	CB110	T90S2	3.2	19.2	49	492.9	1.4	R110	T100A6	2.5	11.8	80	707.0	0.8	R110	T90LB6	2.0
36	80	262.6	1.5	R110	T90S2	2.2	19.2	49	462.9	0.7	R85	T90LB6	1.3	11.8	80	707.0	0.8	R110	T100A6	2.0
36	80	274.5	1.2	CB85	T90S2	1.7	19.1	150	554.2	5.8	CB180	T80C2	7.9	11.6	248	826.7	5.4	CB215	T90S2	7.6
36	80	250.6	0.8	R85	T90S2	1.2	19.1	75	578.4	5.8	CB180	T90L4	8.9	11.6	248	789.6	3.7	CB180	T90S2	5.7
36	80	287.5	2.3	CB110	T80C2	3.2	18.8	50	586.7	4.2	CB150	T100A6	6.4	11.6	248	829.5	5.4	CB215	T80C2	7.6
36	80	275.5	1.2	CB85	T80C2	1.7	18.8	50	586.7	4.2	CB150	T90LB6	6.4	11.6	248	792.3	3.7	CB180	T80C2	5.7
36	80	251.5	0.8	R85	T80C2	1.2	18.8	50	586.7	2.8	CB130	T100A6	4.5	11.5	124	894.5	4.1	CB180	T90L4	7.3
36	40	312.5	4.4	CB130	T90L4	5.1	18.8	50	586.7	2.8	CB130	T90LB6	4.5	11.1	129	852.5	1.1	CB110	T90L4	2.9
36	40	288.5	2.2	R110	T90L4	3.0	18.4	51	575.1	1.7	CB110	T90LB6	3.4	11.1	85	932.6	4.0	CB180	T90LB6	7.3
36	40	276.4	1.1	R85	T90L4	1.6	18.4	51	575.1	1.7	CB110	T100A6	3.4	11.1	85	932.6	4.0	CB180	T100A6	7.3
36	40	268.5	0.6	R70	T90L4	1.2	18.4	51	567.3	0.9	CB85	T90LB6	2.0	11.1	85	932.6	2.7	CB150	T100A6	5.3
35	83	280.8	0.6	CB70	T90S2	1.3	18.1	52	618.0	5.9	CB180	T100A6	9.3	11.1	85	932.6	2.7	CB150	T90LB6	5.3
35	83	281.8	0.6	CB70	T80C2	1.3	18.1	52	618.0	5.9	CB180	T90LB6	9.3	11.1	85	906.8	1.8	CB130	T90LB6	3.5
34	85	321.3	5.9	CB150	T90S2	6.2	17.9	80	552.8	1.4	CB110	T90L4	2.9	11.1	85	906.8	1.8	CB130	T100A6	3.5
34	85	312.9	3.8	CB130	T90S2	4.3	17.9	80	496.6	1.0	R110	T90L4	2.2	11.0	261	818.2	3.5	CB1		

**1.5
kW****STANDARD line Basic**

1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		1.5 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		1.5 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		1.5 kW	Ptn kW
9.4	100	808	0.6	R110	T90LB6	1.8	5.7	504	1360	0.9	CB130	T80C2	2.4	3.6	403	2260	1.0	CB150	T90L4	3.4
8.9	323	980	1.2	CB150	T90S2	3.8	5.7	508	1440	3.6	CB250	T90S2	8.8	3.6	403	2180	0.6	CB130	T90L4	2.4
8.9	323	948	1.8	CB130	T90S2	2.7	5.7	508	1445	3.6	CB250	T80C2	8.8	3.5	267	2361	2.4	CB215	T90LB6	6.0
8.9	323	983	1.8	CB150	T80C2	3.8	5.6	168	1433	0.7	CB110	T100A6	2.0	3.5	267	2361	2.4	CB215	T100A6	6.0
8.9	323	951	1.2	CB130	T80C2	2.7	5.6	168	1433	0.7	CB110	T90LB6	2.0	3.4	420	2402	1.5	CB180	T90L4	4.7
8.8	162	1022	2.2	CB150	T90L4	4.0	5.6	518	1546	2.9	CB215	T90S2	6.3	3.3	428	2445	2.1	CB215	T90L4	5.8
8.8	162	1006	1.4	CB130	T90L4	3.0	5.5	518	1552	2.9	CB215	T80C2	6.3	3.3	435	2569	3.2	CB250	T90L4	9.2
8.8	107	1157	3.4	CB180	T100A6	7.0	5.5	525	1461	1.9	CB180	T90S2	4.6	3.3	434	2308	1.4	CB180	T90L4	4.3
8.8	107	1157	3.4	CB180	T90LB6	7.0	5.5	261	1542	2.2	CB180	T90L4	5.0	3.3	288	2505	1.1	CB150	T100A6	3.4
8.6	110	1056	0.9	CB110	T100A6	2.4	5.5	525	1466	1.9	CB180	T80C2	4.6	3.3	288	2505	1.1	CB150	T90LB6	3.4
8.6	110	1056	0.9	CB110	T90LB6	2.4	5.4	174	1671	3.7	CB215	T90LB6	6.8	3.3	288	2418	0.7	CB130	T90LB6	2.3
8.5	168	1043	0.8	CB110	T90L4	2.3	5.4	174	1671	3.7	CB215	T100A6	6.8	3.3	288	2418	0.7	CB130	T100A6	2.3
8.4	112	1264	5.7	CB215	T100A6	9.6	5.4	174	1671	2.2	CB180	T100A6	5.5	3.2	290	2653	3.5	CB250	T90LB6	10
8.4	112	1264	5.7	CB215	T90LB6	9.6	5.4	174	1671	2.2	CB180	T90LB6	5.5	3.2	290	2653	3.5	CB250	T100A6	10
8.2	174	1098	5.1	CB215	T90L4	6.8	5.4	267	1630	3.1	CB215	T90L4	6.4	3.1	300	2746	2.2	CB215	T100A6	6.3
8.2	174	1133	2.9	CB180	T90L4	5.8	5.3	177	1889	5.0	CB250	T100A6	13	3.1	300	2746	2.2	CB215	T90LB6	6.3
8.2	115	1227	2.2	CB150	T100A6	4.9	5.3	177	1889	5.0	CB250	T90LB6	13	3.1	304	2596	1.5	CB180	T100A6	4.6
8.2	115	1227	2.2	CB150	T90LB6	4.9	5.1	280	1542	2.4	85/180	T90L4	3.2	3.1	304	2596	1.5	CB180	T90LB6	4.6
8.2	115	1210	1.4	CB130	T90LB6	3.4	5.1	280	1486	1.7	85/150	T90L4	3.2	2.9	323	2708	0.9	CB150	T100A6	3.3
8.2	115	1210	1.4	CB130	T100A6	3.4	5.1	280	1429	1.1	70/130	T90L4	2.2	2.9	323	2708	0.9	CB150	T90LB6	3.3
8.0	360	1146	6.6	CB250	T90S2	11	5.1	280	1429	1.1	63/130	T90L4	2.0	2.8	504	2573	0.8	CB150	T90L4	3.0
8.0	360	1150	6.6	CB250	T80C2	11	5.1	280	1429	1.1	85/130	T90L4	3.2	2.8	508	2702	2.3	CB250	T90L4	8.1
7.8	368	1116	2.8	CB180	T90S2	5.2	5.1	280	1430	0.7	70/110	T90L4	2.2	2.8	518	2906	1.8	CB215	T90L4	5.7
7.8	368	1120	2.8	CB180	T80C2	5.2	5.1	280	1430	0.7	63/110	T90L4	2.0	2.7	525	2738	1.2	CB180	T90L4	4.3
7.8	121	1327	5.0	CB215	T100A6	8.9	5.1	280	1430	0.7	85/110	T90L4	2.2	2.6	360	3239	3.0	CB250	T100A6	9.2
7.8	121	1327	5.0	CB215	T90LB6	8.9	5.0	573	1566	3.6	CB250	T90S2	8.4	2.6	360	3239	3.0	CB250	T90LB6	9.2
7.7	375	1175	4.0	CB215	T90S2	6.8	5.0	573	1573	3.6	CB250	T80C2	8.4	2.6	368	3090	1.3	CB180	T90LB6	4.5
7.7	375	1180	4.0	CB215	T80C2	6.8	5.0	576	1519	1.1	CB150	T90S2	3.2	2.6	368	3090	1.3	CB180	T100A6	4.5
7.6	124	1342	3.0	CB180	T100A6	7.0	5.0	576	1489	0.7	CB130	T90S2	2.3	2.5	375	3253	1.9	CB215	T90LB6	5.8
7.6	124	1342	3.0	CB180	T90LB6	7.0	5.0	576	1525	1.1	CB150	T80C2	3.2	2.5	375	3253	1.9	CB215	T100A6	5.8
7.3	129	1238	0.8	CB110	T90LB6	2.4	5.0	576	1496	0.7	CB130	T80C2	2.3	2.5	573	2923	2.3	CB250	T90L4	7.7
7.3	129	1238	0.8	CB110	T100A6	2.4	5.0	288	1701	1.5	CB150	T90L4	3.6	2.5	576	2888	0.7	CB150	T90L4	3.0
7.2	200	1242	3.3	85/180	T90L4	3.2	5.0	288	1643	1.0	CB130	T90L4	2.6	2.4	600	2950	1.6	CB215	T90L4	4.9
7.2	200	1222	2.3	85/150	T90L4	3.2	4.9	290	1802	4.7	CB250	T90L4	11	2.4	600	2768	1.5	85/180	T90L4	2.7
7.2	403	1202	1.6	CB150	T90S2	3.7	4.8	600	1582	2.6	CB215	T90S2	5.3	2.4	600	2709	1.1	85/150	T90L4	2.7
7.2	200	1182	1.5	70/130	T90L4	2.2	4.8	600	1612	1.6	CB180	T90S2	4.4	2.4	600	3071	1.0	CB180	T90L4	4.2
7.2	200	1182	1.5	63/130	T90L4	2.0	4.8	600	1588	2.6	CB215	T80C2	5.3	2.4	600	2589	0.7	63/130	T90L4	1.7
7.2	200	1202	1.5	85/130	T90L4	3.2	4.8	600	1618	1.6	CB180	T80C2	4.4	2.4	600	2589	0.7	70/130	T90L4	1.9
7.2	403	1162	1.0	CB130	T90S2	2.7	4.8	300	1862	3.0	CB215	T90L4	6.6	2.4	600	2647	0.7	85/130	T90L4	2.7
7.2	200	1182	0.8	63/110	T90L4	2.0	4.7	304	1768	2.0	CB180	T90L4	4.9	2.3	403	3321	0.7	CB150	T90LB6	3.2
7.2	200	1182	0.8	70/110	T90L4	2.2	4.7	202	1848	1.4	CB150	T90LB6	3.7	2.3	403	3321	0.7	CB150	T100A6	3.2
7.2	200	1202	0.8	85/110	T90L4	2.2	4.7	202	1848	1.4	CB150	T100A6	3.7	2.2	420	3517	1.1	CB180	T100A6	4.5
7.1	403	1207	1.6	CB150	T80C2	3.7	4.7	202	1787	0.9	CB130	T90LB6	2.5	2.2	420	3517	1.1	CB180	T90LB6	4.5
7.1	403	1167	1.0	CB130	T80C2	2.7	4.7	202	1787	0.9	CB130	T100A6	2.5	2.2	428	3516	1.6	CB215	T90LB6	5.4
7.1	202	1255	1.9	CB150	T90L4	3.9	4.5	207	1988	4.6	CB250	T90LB6	10	2.2	428	3516	1.6	CB215	T100A6	5.4
7.1	202	1234	1.2	CB130	T90L4	2.9	4.5	207	1988	4.6	CB250	T100A6	10	2.2	434	3366	1.0	CB180	T100A6	4.2
6.9	207	1348	6.1	CB250	T90L4	11	4.4	323	1876	1.1	CB150	T90L4	3.5	2.2	434	3366	1.0	CB180	T90LB6	4.2
6.9	420	1274	2.4	CB180	T90S2	5.2	4.4	323	1811	0.7	CB130	T90L4	2.5	2.2	435	3781	2.4	CB250	T90LB6	8.8
6.8	420	1279	2.4	CB180	T80C2	5.2	4.4	213	2014	2.8	CB215	T100A6	6.6	2.2	435	3781	2.4	CB250	T100A6	8.8
6.7	428	1299	3.3	CB215	T90S2	6.4	4.4	213	2014	2.8	CB215	T90LB6	6.6	2.0	710	3634	1.8	CB250	T90L4	7.7
6.7	213	1366	3.7	CB215	T90L4	7.0	4.4	213	1917	1.9	CB180	T100A6	5.0	1.9	750	3675	1.2	CB215	T90L4	4.9
6.7	428	1302	3.3	CB215																



1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		1.8 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		1.8 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		1.8 kW	 Ptn kW
400	7	37.0	2.6	R70	T80D2	2.5	33	85	396.6	4.8	CB150	T80D2	6.2	12.5	75	1072	3.5	CB180	T100B6	8.5
400	7	37.0	2.3	R63	T80D2	2.2	33	85	386.2	3.1	CB130	T80D2	4.3	12.4	225	885	0.8	CB110	T80D2	2.5
400	7	36.5	1.4	R50	T80D2	1.5	29	49	406.5	1.4	R110	T90LB4	2.7	12.4	115	996	2.5	CB150	T90LB4	5.3
280	10	51.6	2.0	R70	T80D2	2.2	29	49	383.0	0.7	R85	T90LB4	1.6	12.4	115	982	1.6	CB130	T90LB4	3.9
280	10	51.6	1.8	R63	T80D2	2.0	29	50	468.8	4.7	CB150	T90LB4	6.7	12.1	231	908	2.2	CB150	T80D2	4.1
280	10	51.6	1.1	R50	T80D2	1.4	29	50	468.8	3.1	CB130	T90LB4	5.1	12.1	231	879	1.4	CB130	T80D2	3.0
204	7	71.5	3.5	R85	T90LB4	3.4	28	51	478.1	1.6	CB110	T90LB4	3.8	11.8	121	1076	5.5	CB215	T90LB4	9.6
204	7	71.5	1.8	R70	T90LB4	2.5	28	51	472.0	0.9	CB85	T90LB4	2.2	11.8	80	1128	5.8	CB215	T100B6	10
204	7	70.7	1.6	R63	T90LB4	2.2	28	52	493.8	6.6	CB180	T90LB4	9.7	11.8	80	932	1.4	R150	T100B6	3.9
187	15	75.5	1.4	R70	T80D2	1.9	26	107	492.7	5.9	CB180	T80D2	8.2	11.8	80	902	1.0	R130	T100B6	2.7
187	15	75.5	1.3	R63	T80D2	1.7	26	56	464.5	1.0	R110	T90LB4	2.7	11.8	80	992	0.9	CB110	T100B6	2.9
187	15	75.5	0.8	R50	T80D2	1.2	26	56	444.1	0.6	R85	T90LB4	1.6	11.8	80	872	0.6	R110	T100B6	2.0
143	10	101.0	2.8	R85	T90LB4	3.2	25	110	486.4	1.4	CB110	T80D2	3.2	11.5	124	1074	3.4	CB180	T90LB4	7.3
143	10	99.8	1.4	R70	T90LB4	2.2	25	110	459.2	0.7	CB85	T80D2	1.7	11.3	248	1020	4.4	CB215	T80D2	7.6
143	10	99.8	1.3	R63	T90LB4	2.0	25	37	542.3	6.2	CB180	T100B6	9.3	11.3	248	974	3.0	CB180	T80D2	5.7
140	20	98.2	1.2	R70	T80D2	1.7	25	58	536.7	4.1	CB150	T90LB4	6.4	11.1	129	1023	0.9	CB110	T90LB4	2.9
140	20	98.2	1.1	R63	T80D2	1.5	25	58	536.8	2.7	CB130	T90LB4	4.9	11.1	85	1150	3.2	CB180	T100B6	7.3
134	7	111.8	5.2	R110	T100B6	5.6	24	115	529.5	3.9	CB150	T80D2	5.9	11.1	85	1150	2.2	CB150	T100B6	5.3
134	7	110.5	2.7	R85	T100B6	3.2	24	115	515.4	2.5	CB130	T80D2	4.2	11.1	85	1118	1.4	CB130	T100B6	3.5
134	7	110.5	1.4	R70	T100B6	2.4	24	59	539.0	1.6	CB110	T90LB4	3.8	10.7	261	1009	2.8	CB180	T80D2	5.5
100	28	127.2	0.9	R70	T80D2	1.3	24	59	531.8	0.9	CB85	T90LB4	2.2	10.5	267	1065	4.0	CB215	T80D2	7.2
100	28	128.9	0.8	R63	T80D2	1.2	24	40	586.4	4.0	CB150	T100B6	6.7	10.2	140	1094	3.4	85/180	T90LB4	3.4
95	15	146.0	1.9	R85	T90LB4	2.7	24	40	548.8	3.0	R150	T100B6	5.5	10.2	140	1078	2.4	85/150	T90LB4	3.4
95	15	144.3	1.0	R70	T90LB4	1.9	24	40	578.9	2.7	CB130	T100B6	4.7	10.2	140	1027	1.6	63/130	T90LB4	2.2
95	15	144.2	0.9	R63	T90LB4	1.7	24	40	533.8	2.0	R130	T100B6	3.7	10.2	140	1044	1.6	85/130	T90LB4	3.4
94	10	159.8	5.9	R130	T100B6	7.2	24	40	511.2	1.4	R110	T100B6	2.6	10.2	140	1044	1.6	70/130	T90LB4	2.5
94	10	157.9	4.1	R110	T100B6	5.2	24	40	496.4	0.7	R85	T100B6	1.5	10.2	140	1010	1.0	63/110	T90LB4	2.2
94	10	156.0	2.1	R85	T100B6	3.0	23	62	581.5	5.5	CB180	T90LB4	9.3	10.2	140	1027	1.0	70/110	T90LB4	2.5
94	10	154.1	1.1	R70	T100B6	2.1	23	124	571.0	5.3	CB180	T80D2	8.2	10.2	140	1027	1.0	85/110	T90LB4	2.5
72	20	189.9	1.6	R85	T90LB4	2.4	22	43	614.3	1.4	CB110	T100B6	3.8	9.9	144	1229	2.1	CB150	T90LB4	5.1
72	20	185.1	0.8	R70	T90LB4	1.7	22	129	562.1	1.3	CB110	T80D2	3.2	9.9	144	1212	1.3	CB130	T90LB4	3.7
72	20	185.2	0.7	R63	T90LB4	1.5	22	129	530.7	0.7	CB85	T80D2	1.7	9.8	146	1282	4.8	CB215	T90LB4	9.3
70	40	196.5	5.7	CB130	T80D2	5.6	21	69	630.6	1.4	CB110	T90LB4	3.8	9.7	288	1096	1.9	CB150	T80D2	3.9
70	40	176.8	1.4	R85	T80D2	1.6	21	69	622.0	0.7	CB85	T90LB4	2.2	9.7	288	1079	1.2	CB130	T80D2	2.9
70	40	174.3	0.7	R70	T80D2	1.2	20	70	538.7	0.9	R110	T90LB4	2.3	9.7	290	1157	6.2	CB250	T80D2	11
70	40	174.3	0.6	R63	T80D2	1.1	19.9	72	666.5	3.5	CB150	T90LB4	6.4	9.5	150	1299	2.9	CB180	T90LB4	7.3
65	43	211.2	3.0	CB110	T80D2	4.2	19.9	72	657.9	2.3	CB130	T90LB4	4.7	9.4	100	1090	1.1	R150	T100B6	3.5
65	43	208.6	1.6	CB85	T80D2	2.4	19.4	144	654.4	3.3	CB150	T80D2	5.7	9.4	100	1034	0.8	R130	T100B6	2.4
64	44	210.7	0.8	CB70	T80D2	1.8	19.4	144	636.6	2.2	CB130	T80D2	4.0	9.3	300	1216	3.9	CB215	T80D2	7.4
63	15	234.0	6.4	R150	T100B6	8.8	19.2	49	635.6	2.4	R150	T100B6	4.8	9.2	304	1157	2.6	CB180	T80D2	5.4
63	15	234.0	4.2	R130	T100B6	6.4	19.2	49	635.7	1.6	R130	T100B6	3.5	8.8	162	1227	1.8	CB150	T90LB4	4.0
63	15	225.5	2.8	R110	T100B6	4.2	19.2	49	607.9	1.1	R110	T100B6	2.5	8.8	162	1207	1.1	CB130	T90LB4	3.0
63	15	222.7	1.5	R85	T100B6	2.4	19.1	75	694.1	4.8	CB180	T90LB4	8.9	8.8	107	1427	2.7	CB180	T100B6	7.0
63	15	219.9	0.8	R70	T100B6	1.7	18.8	50	723.6	3.4	CB150	T100B6	6.4	8.7	323	1210	1.5	CB150	T80D2	3.8
57	49	210.6	1.1	R85	T80D2	1.6	18.8	50	723.6	2.2	CB130	T100B6	4.5	8.7	323	1170	0.9	CB130	T80D2	2.7
57	49	204.5	0.6	R70	T80D2	1.1	18.7	150	681.3	4.7	CB180	T80D2	7.9	8.6	110	1302	0.8	CB110	T100B6	2.4
56	50	242.5	4.9	CB130	T80D2	5.3	18.4	51	709.3	1.4	CB110	T100B6	3.4	8.5	168	1252	0.6	CB110	T90LB4	2.3
55	51	250.5	2.5	CB110	T80D2	4.2	18.1	52	762.2	4.8	CB180	T100B6	9.3	8.4	112	1558	4.6	CB215	T100B6	9.6
55	51	247.4	1.3	CB85	T80D2	2.4	17.9	80	663.3	1.2	CB110	T90LB4	2.9	8.2	174	1318	4.2	CB215	T90LB4	6.8
55	51	244.2	0.7	CB70	T80D2	1.8	17.9	80	596.0	0.8	R110	T90LB4	2.2	8.2	174	1359	2.4	CB180	T90LB4	5.8
51	28	242.3	1.1	R85	T90LB4	1.8	17.9	80	625.0	0.6	CB85	T90LB4	1.5	8.2	115	1514	1.8	CB150	T100B6	4.9
51	28	239.0	0.6	R70	T90LB4	1.3	17.3	162	666.5	2.8	CB150	T80D2	4.5	8.2	115	1492	1.1	CB130	T100B6	3.4
50	56	240.6	0.9	R85	T80D2	1.6	1													

**1.8
kW****2.2
kW**STANDARD *line* Basic

1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		1.8 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		1.8 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		2.2 kW	Ptn kW
6.5	434	1519	1.8	CB180	T80D2	4.7	2.4	600	3322	1.3	85/180	T90LB4	2.7	407	7	44.4	4.0	R85	T90L2	3.4
6.4	435	1682	4.1	CB250	T80D2	10	2.4	600	3250	0.9	85/150	T90LB4	2.7	407	7	44.4	2.1	R70	T90L2	2.5
6.4	146	1948	3.5	CB215	T100B6	8.6	2.4	600	3685	0.8	CB180	T90LB4	4.2	407	7	44.4	1.9	R63	T90L2	2.2
6.3	150	1972	2.1	CB180	T100B6	6.8	2.2	420	4338	0.9	CB180	T100B6	4.5	285	10	62.7	3.3	R85	T90L2	3.2
6.2	231	1666	1.4	CB150	T90LB4	3.7	2.2	428	4337	1.3	CB215	T100B6	5.4	285	10	61.9	1.7	R70	T90L2	2.2
6.2	231	1611	0.9	CB130	T90LB4	2.7	2.2	434	4152	0.8	CB180	T100B6	4.2	285	10	61.9	1.5	R63	T90L2	2.0
6.0	240	1846	4.6	CB250	T90LB4	11	2.2	435	4663	1.9	CB250	T100B6	8.8	204	7	88.4	5.4	R110	T100A4	6.0
5.8	162	1858	1.3	CB150	T100B6	3.8	2.0	710	4361	1.5	CB250	T90LB4	7.7	204	7	87.4	2.8	R85	T100A4	3.4
5.8	162	1797	0.9	CB130	T100B6	2.6	1.9	750	4410	1.0	CB215	T90LB4	4.9	204	7	87.4	1.5	R70	T100A4	2.5
5.8	248	1877	2.8	CB215	T90LB4	6.8	1.9	750	4139	0.7	CB180	T90LB4	3.8	190	15	90.7	2.3	R85	T90L2	2.7
5.8	248	1788	1.9	CB180	T90LB4	5.1	1.9	508	4870	1.4	CB250	T100B6	7.7	190	15	90.7	1.2	R70	T90L2	1.9
5.6	504	1700	1.0	CB150	T80D2	3.3	1.8	518	5173	1.1	CB215	T100B6	5.3	190	15	90.7	1.1	R63	T90L2	1.7
5.6	504	1669	0.7	CB130	T80D2	2.4	1.8	525	4934	0.7	CB180	T100B6	4.1	143	10	127.8	6.2	R130	T100A4	8.4
5.5	508	1778	2.9	CB250	T80D2	8.8	1.6	573	5280	1.4	CB250	T100B6	7.4	143	10	124.9	4.3	R110	T100A4	5.6
5.5	261	1851	1.8	CB180	T90LB4	5.0	1.6	600	5289	1.0	CB215	T100B6	4.7	143	10	123.4	2.3	R85	T100A4	3.2
5.4	518	1907	2.4	CB215	T80D2	6.3	1.6	600	5401	0.6	CB180	T100B6	3.9	143	10	121.9	1.2	R70	T100A4	2.2
5.4	174	2061	3.0	CB215	T100B6	6.8	1.5	956	5501	1.3	110/215	T90LB4	2.7	143	20	119.4	2.0	R85	T90L2	2.4
5.4	174	2061	1.8	CB180	T100B6	5.5	1.5	980	5535	0.8	110/180	T90LB4	2.7	143	20	117.9	1.0	R70	T90L2	1.7
5.4	267	1956	2.6	CB215	T90LB4	6.4	1.5	980	5179	0.7	85/180	T90LB4	1.6	143	20	117.9	0.9	R63	T90L2	1.5
5.3	525	1806	1.5	CB180	T80D2	4.6	1.3	710	6291	1.2	CB250	T100B6	7.2	137	7	133.3	6.4	R130	T112A6	8.4
5.3	177	2329	4.0	CB250	T100B6	13	1.3	750	6645	0.7	CB215	T100B6	4.7	137	7	130.2	4.4	R110	T112A6	5.6
5.1	280	1850	2.0	85/180	T90LB4	3.2	1.0	1372	7770	0.9	110/215	T90LB4	2.7	137	7	128.7	2.3	R85	T112A6	3.2
5.1	280	1783	1.4	85/150	T90LB4	3.2	1.0	1372	6282	0.7	85/180	T90LB4	1.6	137	7	128.7	1.2	R70	T112A6	2.4
5.1	280	1715	0.9	70/130	T90LB4	2.2	1.0	1372	6613	0.7	110/180	T90LB4	2.7	134	7	136.1	6.3	R130	T100BL6	8.4
5.1	280	1715	0.9	63/130	T90LB4	2.0	0.73	1960	9185	0.8	110/215	T90LB4	2.7	134	7	133.0	4.3	R110	T100BL6	5.6
5.1	280	1715	0.9	85/130	T90LB4	3.2	0.51	2800	11793	0.6	110/215	T90LB4	2.3	134	7	131.4	2.3	R85	T100BL6	3.2
5.0	288	2041	1.2	CB150	T90LB4	3.6								134	7	131.4	1.2	R70	T100BL6	2.4
5.0	288	1971	0.8	CB130	T90LB4	2.6								102	28	154.8	1.4	R85	T90L2	1.8
4.9	290	2162	3.9	CB250	T90LB4	11								102	28	152.7	0.7	R70	T90L2	1.3
4.9	573	1933	2.9	CB250	T80D2	8.4								102	28	154.8	0.7	R63	T90L2	1.2
4.9	576	1874	0.9	CB150	T80D2	3.2								96	10	186.0	5.1	R130	T112A6	7.2
4.9	576	1840	0.6	CB130	T80D2	2.3								96	10	183.8	3.5	R110	T112A6	5.2
4.8	300	2234	2.5	CB215	T90LB4	6.6								96	10	181.6	1.8	R85	T112A6	3.0
4.7	304	2122	1.7	CB180	T90LB4	4.9								96	10	179.4	0.9	R70	T112A6	2.1
4.7	600	1951	2.1	CB215	T80D2	5.3								95	15	185.1	4.5	R130	T100A4	6.8
4.7	600	1988	1.3	CB180	T80D2	4.4								95	15	180.7	3.0	R110	T100A4	4.6
4.7	202	2279	1.1	CB150	T100B6	3.7								95	15	178.5	1.6	R85	T100A4	2.7
4.7	202	2204	0.7	CB130	T100B6	2.5								95	15	176.3	0.8	R70	T100A4	1.9
4.5	207	2452	3.7	CB250	T100B6	10								94	10	190.0	5.0	R130	T100BL6	7.2
4.4	323	2251	0.9	CB150	T90LB4	3.5								94	10	187.8	3.4	R110	T100BL6	5.2
4.4	213	2484	2.3	CB215	T100B6	6.6								94	10	185.5	1.8	R85	T100BL6	3.0
4.4	213	2364	1.6	CB180	T100B6	5.0								94	10	183.2	0.9	R70	T100BL6	2.1
4.1	231	2518	1.0	CB150	T100B6	3.5								72	20	246.8	5.8	R150	T100A4	9.3
4.1	231	2431	0.7	CB130	T100B6	2.4								72	20	243.9	3.8	R130	T100A4	6.4
4.0	360	2641	3.4	CB250	T90LB4	9.7								72	20	238.0	2.6	R110	T100A4	4.4
3.9	710	2400	2.4	CB250	T80D2	8.4								72	20	232.1	1.3	R85	T100A4	2.4
3.9	240	2840	3.3	CB250	T100B6	10								71	40	235.9	4.7	CB130	T90L2	5.6
3.9	368	2519	1.5	CB180	T90LB4	4.7								71	40	218.2	2.3	R110	T90L2	3.0
3.9	720	2210	0.7	CB150	T80D2	3.0								71	40	212.3	1.1	R85	T90L2	1.6
3.8	375	2662	2.1	CB215	T90LB4	6.1								71	40	209.4	0.6	R70	T90L2	1.2
3.8	248	2844	2.0	CB215	T100B6	6.4								66	43	253.6	2.5	CB110	T90L2	4.2
3.8	248	2704	1.4	CB180	T100B6	4.9								66	43	250.5	1.3	CB85	T90L2	2.4
3.7	750	2442	1.6	CB215	T80D2	5.3								65	44	253.0	0.7	CB70	T90L2	1.8
3.7	750	2305	1.0	CB180	T80D2	4.1								64	15	272.5	5.5	R150	T112A6	8.8
3.6	261	2797	1.3	CB180	T100B6	4.7								64	15	272.5	3.6	R130	T112A6	6.4
3.6	400	2689	1.6	85/180	T90LB4	2.4								64	15	262.6	2.4	R110	T112A6	4.2
3.6	400	2640	1.1	85/150	T90LB4	2.4								64	15	259.3	1.3	R85	T112A6	2.4
3.6	400	2449	0.7	63/130																



1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		2.2 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		2.2 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		2.2 kW	 Ptn kW
48	20	358.9	3.0	R130	T112A6	6.0	20	144	764.4	1.8	CB130	T90L2	4.0	11.8	121	1315	4.5	CB215	T100A4	9.6
48	20	345.8	2.1	R110	T112A6	4.0	20	49	739.9	2.1	R150	T112A6	4.8	11.8	80	1341	4.8	CB215	T100BL6	10
48	20	337.0	1.1	R85	T112A6	2.2	20	49	739.9	1.4	R130	T112A6	3.5	11.8	80	1109	1.2	R150	T100BL6	3.9
47	20	366.6	4.6	R150	T100BL6	8.3	20	49	707.9	0.9	R110	T112A6	2.5	11.8	80	1073	0.8	R130	T100BL6	2.7
47	20	366.6	2.9	R130	T100BL6	6.0	20	146	818.0	6.4	CB215	T90L2	10	11.8	80	1180	0.8	CB110	T100BL6	2.9
47	20	353.1	2.0	R110	T100BL6	4.0	19	50	842.6	2.9	CB150	T112A6	6.4	11.5	124	1312	2.8	CB180	T100A4	7.3
47	20	344.2	1.1	R85	T100BL6	2.2	19	50	842.6	1.9	CB130	T112A6	4.5	11.5	248	1225	3.6	CB215	T90L2	7.6
41	69	401.9	1.8	CB110	T90L2	4.2	19	49	755.9	2.0	R150	T100BL6	4.8	11.5	248	1170	2.5	CB180	T90L2	5.7
41	69	396.9	1.0	CB85	T90L2	2.4	19	49	755.9	1.3	R130	T100BL6	3.5	11.3	85	1340	2.8	CB180	T112A6	7.3
41	70	351.0	1.1	R110	T90L2	2.3	19	49	722.9	0.9	R110	T100BL6	2.5	11.3	85	1340	1.9	CB150	T112A6	5.3
41	70	340.7	0.6	R85	T90L2	1.3	19	75	848.4	3.9	CB180	T100A4	8.9	11.3	85	1302	1.2	CB130	T112A6	3.5
40	72	419.3	4.6	CB150	T90L2	7.1	19	150	818.3	3.9	CB180	T90L2	7.9	11.1	129	1250	0.7	CB110	T100A4	2.9
40	72	414.0	3.1	CB130	T90L2	5.1	19	51	826.3	1.2	CB110	T112A6	3.4	11.1	85	1368	2.7	CB180	T100BL6	7.3
38	75	436.8	6.3	CB180	T90L2	9.7	19	50	860.5	2.9	CB150	T100BL6	6.4	11.1	85	1368	1.9	CB150	T100BL6	5.3
36	40	464.3	4.5	CB150	T100A4	7.1	19	50	860.5	1.9	CB130	T100BL6	4.5	11.1	85	1330	1.2	CB130	T100BL6	3.5
36	40	440.8	3.2	R150	T100A4	6.0	18	52	887.7	4.1	CB180	T112A6	9.3	10.9	261	1212	2.4	CB180	T90L2	5.5
36	40	458.4	3.0	CB130	T100A4	5.1	18	51	843.5	1.2	CB110	T100BL6	3.4	10.7	267	1280	3.3	CB215	T90L2	7.2
36	40	429.0	2.1	R130	T100A4	4.0	18	52	906.4	4.0	CB180	T100BL6	9.3	10.5	136	1339	4.6	110/215	T100A4	6.0
36	40	423.2	1.5	R110	T100A4	3.0	18	80	893.1	6.5	CB215	T100A4	10	10.4	90	1550	6.6	CB250	T100BL6	16
36	40	405.4	0.8	R85	T100A4	1.6	18	80	775.4	1.5	R150	T100A4	4.4	10.2	140	1338	2.8	85/180	T100A4	3.4
36	80	424.7	1.6	CB110	T90L2	3.2	18	80	752.0	1.0	R130	T100A4	3.0	10.2	140	1338	2.8	110/180	T100A4	6.0
36	80	389.3	1.0	R110	T90L2	2.2	18	80	810.7	1.0	CB110	T100A4	2.9	10.2	140	1379	2.7	130/180	T100A4	9.1
36	80	407.1	0.8	CB85	T90L2	1.7	18	80	728.4	0.7	R110	T100A4	2.2	10.2	140	1317	2.0	85/150	T100A4	3.4
34	28	453.4	3.3	R150	T112A6	5.7	18	162	800.3	2.3	CB150	T90L2	4.5	10.2	140	1338	2.0	110/150	T100A4	6.0
34	28	459.5	2.0	R130	T112A6	4.3	18	162	776.5	1.5	CB130	T90L2	3.2	10.2	140	1276	1.3	70/130	T100A4	2.5
34	28	441.2	1.5	R110	T112A6	3.0	17	56	833.5	1.8	R150	T112A6	4.7	10.2	140	1276	1.3	85/130	T100A4	3.4
34	28	422.8	0.8	R85	T112A6	1.6	17	56	833.5	1.1	R130	T112A6	3.4	10.2	140	1255	0.8	70/110	T100A4	2.5
34	28	463.2	3.2	R150	T100BL6	5.7	17	56	784.5	0.7	R110	T112A6	2.3	10.2	140	1255	0.8	85/110	T100A4	2.5
34	28	469.4	2.0	R130	T100BL6	4.3	17	168	817.5	0.8	CB110	T90L2	2.6	9.9	144	1502	1.7	CB150	T100A4	5.1
34	28	450.6	1.5	R110	T100BL6	3.0	17	85	924.3	3.6	CB180	T100A4	7.9	9.9	144	1481	1.1	CB130	T100A4	3.7
34	28	431.9	0.7	R85	T100BL6	1.6	17	85	911.8	2.5	CB150	T100A4	5.5	9.9	288	1316	1.6	CB150	T90L2	3.9
34	85	476.2	5.7	CB180	T90L2	8.5	17	85	899.3	1.6	CB130	T100A4	4.0	9.9	288	1295	1.0	CB130	T90L2	2.9
34	85	476.2	4.0	CB150	T90L2	6.2	17	56	851.0	1.8	R150	T100BL6	4.7	9.9	145	1577	5.8	CB250	T100A4	15
34	85	463.6	2.6	CB130	T90L2	4.3	17	56	851.1	1.1	R130	T100BL6	3.4	9.8	290	1389	5.2	CB250	T90L2	11
33	43	492.7	1.6	CB110	T100A4	3.8	17	56	801.1	0.7	R110	T100BL6	2.3	9.8	146	1567	4.0	CB215	T100A4	9.3
29	49	511.2	2.6	R150	T100A4	5.5	17	58	964.9	2.6	CB150	T112A6	6.2	9.6	100	1269	0.9	R150	T112A6	3.5
29	49	504.0	1.7	R130	T100A4	3.6	17	58	964.9	1.7	CB130	T112A6	4.3	9.6	100	1204	0.7	R130	T112A6	2.4
29	49	496.8	1.2	R110	T100A4	2.7	16	174	808.1	5.8	CB215	T90L2	6.8	9.5	150	1587	2.4	CB180	T100A4	7.3
29	50	573.0	3.9	CB150	T100A4	6.7	16	174	872.3	3.2	CB180	T90L2	6.4	9.5	300	1460	3.2	CB215	T90L2	7.4
29	50	573.0	2.5	CB130	T100A4	5.1	16	59	955.7	1.0	CB110	T112A6	3.4	9.4	100	1296	0.9	R150	T100BL6	3.5
29	100	457.0	0.8	R110	T90L2	1.9	16	58	985.0	2.5	CB150	T100BL6	6.2	9.4	100	1229	0.6	R130	T100BL6	2.4
28	51	584.4	1.3	CB110	T100A4	3.8	16	58	985.1	1.6	CB130	T100BL6	4.3	9.4	304	1389	2.1	CB180	T90L2	5.4
28	52	603.5	5.4	CB180	T100A4	9.7	15.9	59	975.8	1.0	CB110	T100BL6	3.4	9.0	107	1663	2.3	CB180	T112A6	7.0
27	107	591.5	4.9	CB180	T90L2	8.2	15.5	62	1045	6.3	CB215	T112A6	11	8.8	162	1499	1.5	CB150	T100A4	4.0
26	37	631.5	5.3	CB180	T112A6	9.3	15.5	62	1045	3.4	CB180	T112A6	8.9	8.8	162	1476	0.9	CB130	T100A4	3.0
26	110	583.7	1.2	CB110	T90L2	3.2	15.2	62	1067	6.1	CB215	T100BL6	11	8.8	323	1453	1.2	CB150	T90L2	3.8
26	110	551.2	0.6	CB85	T90L2	1.7	15.2	62	1067	3.3	CB180	T100BL6	8.9	8.8	323	1405	0.8	CB130	T90L2	2.7
26	56	600.5	2.2	R150	T100A4	5.5	14.3	100	911	1.1	R150	T100A4	3.9	8.8	109	1836	5.7	CB250	T112A6	16
26	56	567.6	1.4	R130	T100A4	3.5	14.3	100	867	0.8	R130	T100A4	2.7	8.8	107	1697	2.3	CB180	T100BL6	7.0
26	56	567.7	0.8	R110	T100A4	2.7	14.1	202	983	2.0	CB150	T90L2	4.4	8.7	110	1516	0.7	CB110	T112A6	2.4
25	37	645.0	5.2	CB180	T100BL6	9.3	14.1	202	953	1.3	CB130	T90L2	3.1	8.6	109	1877	5.6	CB250	T100BL6	16
25	115	635.9	3.2	CB150	T90L2	5.9	13.9	69	1118	0.9	CB110	T112A6	3							



1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		2.2 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		2.2 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		3.0 kW	 Ptn kW
7.1	202	1810	0.8	CB130	T100A4	2.9	3.8	750	2930	1.3	CB215	T90L2	5.3	416	7	59.3	5.8	R110	T100A2	6.0
7.1	403	1783	1.1	CB150	T90L2	3.7	3.8	750	2764	0.8	CB180	T90L2	4.1	416	7	59.3	3.0	R85	T100A2	3.4
7.1	403	1724	0.7	CB130	T90L2	2.7	3.8	248	3382	1.7	CB215	T100BL6	6.4	416	7	59.3	1.6	R70	T100A2	2.5
6.9	207	1976	4.2	CB250	T100A4	11	3.8	248	3215	1.2	CB180	T100BL6	4.9	411	7	59.9	3.0	R85	T90LB2	3.4
6.8	420	1888	1.6	CB180	T90L2	5.2	3.7	261	3254	1.2	CB180	T112A6	4.7	411	7	59.9	1.6	R70	T90LB2	2.5
6.7	213	2004	2.5	CB215	T100A4	7.0	3.7	390	3435	2.1	110/215	T100A4	4.4	411	7	59.9	1.4	R63	T90LB2	2.2
6.7	213	1910	1.7	CB180	T100A4	5.2	3.6	267	3385	1.7	CB215	T112A6	6.0	291	10	83.7	4.7	R110	T100A2	5.6
6.7	144	2205	1.3	CB150	T112A6	4.9	3.6	261	3326	1.1	CB180	T100BL6	4.7	291	10	83.7	2.5	R85	T100A2	3.2
6.7	144	2143	0.8	CB130	T112A6	3.3	3.6	400	3110	3.4	130/250	T100A4	6.4	291	10	82.7	1.3	R70	T100A2	2.2
6.7	428	1924	2.3	CB215	T90L2	6.4	3.6	400	3404	1.4	110/180	T100A4	4.4	288	10	84.6	2.4	R85	T90LB2	3.2
6.6	145	2285	4.4	CB250	T112A6	14	3.6	400	3287	1.3	85/180	T100A4	2.4	288	10	83.6	1.3	R70	T90LB2	2.2
6.6	146	2267	3.0	CB215	T112A6	8.6	3.6	400	3462	1.3	130/180	T100A4	6.4	288	10	83.6	1.1	R63	T90LB2	2.0
6.6	434	1823	1.5	CB180	T90L2	4.7	3.6	400	3227	0.9	85/150	T100A4	2.4	204	7	123.4	5.7	R130	T100B4	9.1
6.6	435	2021	3.4	CB250	T90L2	10	3.6	400	3346	0.9	110/150	T100A4	4.4	204	7	120.6	4.0	R110	T100B4	6.0
6.5	144	2252	1.3	CB150	T100BL6	4.9	3.6	403	3315	0.7	CB150	T100A4	3.4	204	7	119.2	2.1	R85	T100B4	3.4
6.5	144	2188	0.8	CB130	T100BL6	3.3	3.5	267	3462	1.6	CB215	T100BL6	6.0	204	7	119.2	1.1	R70	T100B4	2.5
6.5	145	2335	4.3	CB250	T100BL6	14	3.4	420	3523	1.0	CB180	T100A4	4.7	194	15	124.1	5.0	R130	T100A2	6.8
6.4	146	2316	3.0	CB215	T100BL6	8.6	3.3	428	3586	1.4	CB215	T100A4	5.8	194	15	122.6	3.2	R110	T100A2	4.6
6.4	150	2298	1.8	CB180	T112A6	6.8	3.3	288	3596	0.8	CB150	T112A6	3.4	194	15	121.1	1.7	R85	T100A2	2.7
6.3	150	2345	1.8	CB180	T100BL6	6.8	3.3	290	3809	2.5	CB250	T112A6	10	194	15	121.1	0.9	R70	T100A2	1.9
6.2	231	2036	1.2	CB150	T100A4	3.7	3.3	435	3768	2.2	CB250	T100A4	9.2	192	15	122.4	1.7	R85	T90LB2	2.7
6.2	231	1969	0.8	CB130	T100A4	2.7	3.3	434	3385	0.9	CB180	T100A4	4.3	192	15	122.4	0.9	R70	T90LB2	1.9
6.0	240	2256	3.8	CB250	T100A4	11	3.3	288	3673	0.7	CB150	T100BL6	3.4	192	15	122.3	0.8	R63	T90LB2	1.7
5.9	162	2161	1.1	CB150	T112A6	3.8	3.2	290	3891	2.4	CB250	T100BL6	10	146	20	165.4	6.5	R150	T100A2	9.3
5.9	162	2091	0.7	CB130	T112A6	2.6	3.2	300	3939	1.5	CB215	T112A6	6.3	146	20	163.4	4.2	R130	T100A2	6.4
5.8	162	2210	1.1	CB150	T100BL6	3.8	3.2	304	3723	1.0	CB180	T112A6	4.6	146	20	161.5	2.9	R110	T100A2	4.4
5.8	162	2137	0.7	CB130	T100BL6	2.6	3.1	300	4028	1.5	CB215	T100BL6	6.3	146	20	159.5	1.5	R85	T100A2	2.4
5.8	248	2294	2.3	CB215	T100A4	6.8	3.1	304	3808	1.0	CB180	T100BL6	4.6	144	20	161.2	1.5	R85	T90LB2	2.4
5.8	248	2185	1.6	CB180	T100A4	5.1	2.8	508	3963	1.6	CB250	T100A4	8.1	144	20	159.1	0.7	R70	T90LB2	1.7
5.7	504	2045	0.8	CB150	T90L2	3.3	2.8	518	4262	1.2	CB215	T100A4	5.7	144	20	159.2	0.7	R63	T90LB2	1.5
5.6	508	2135	2.4	CB250	T90L2	8.8	2.7	525	4016	0.8	CB180	T100A4	4.3	143	10	174.3	4.5	R130	T100B4	8.4
5.5	174	2398	2.6	CB215	T112A6	6.8	2.7	360	4643	2.1	CB250	T112A6	9.2	143	10	170.3	3.2	R110	T100B4	5.6
5.5	174	2398	1.5	CB180	T112A6	5.5	2.6	360	4750	2.1	CB250	T100BL6	9.2	143	10	168.3	1.7	R85	T100B4	3.2
5.5	518	2292	2.0	CB215	T90L2	6.3	2.6	368	4428	0.9	CB180	T112A6	4.5	143	10	166.3	0.9	R70	T100B4	2.2
5.5	261	2262	1.5	CB180	T100A4	5.0	2.6	375	4678	1.3	CB215	T112A6	5.8	139	7	179.9	4.8	R130	T132S6	8.4
5.4	525	2167	1.3	CB180	T90L2	4.6	2.6	368	4532	0.9	CB180	T100BL6	4.5	139	7	175.7	3.3	R110	T132S6	5.6
5.4	177	2714	3.4	CB250	T112A6	13	2.5	375	4771	1.3	CB215	T100BL6	5.8	137	7	181.7	4.7	R130	T112B6	8.4
5.4	174	2451	2.5	CB215	T100BL6	6.8	2.5	573	4287	1.6	CB250	T100A4	7.7	137	7	177.6	3.2	R110	T112B6	5.6
5.4	174	2451	1.5	CB180	T100BL6	5.5	2.4	600	4061	2.5	130/250	T100A4	6.8	137	7	175.5	1.7	R85	T112B6	3.2
5.4	267	2391	2.1	CB215	T100A4	6.4	2.4	600	4502	1.4	110/215	T100A4	4.6	137	7	175.5	0.9	R70	T112B6	2.4
5.3	177	2770	3.4	CB250	T100BL6	13	2.4	600	4326	1.1	CB215	T100A4	4.9	104	28	212.3	4.5	R150	T100A2	6.2
5.1	280	2261	1.6	85/180	T100A4	3.2	2.4	600	4060	1.0	85/180	T100A4	2.7	104	28	209.5	2.9	R130	T100A2	4.5
5.1	280	2261	1.6	110/180	T100A4	5.6	2.4	600	4149	1.0	110/180	T100A4	4.6	104	28	212.3	2.0	R110	T100A2	3.3
5.1	280	2344	1.6	130/180	T100A4	8.4	2.4	600	4237	1.0	130/180	T100A4	6.8	104	28	206.8	1.0	R85	T100A2	1.8
5.1	280	2179	1.2	85/150	T100A4	3.2	2.4	600	3972	0.7	85/150	T100A4	2.7	103	28	208.9	1.0	R85	T90LB2	1.8
5.1	280	2220	1.1	110/150	T100A4	5.6	2.4	600	4062	0.7	110/150	T100A4	4.6	97	10	254.0	5.6	R150	T132S6	11
5.1	280	2097	0.8	85/130	T100A4	3.2	2.4	600	4504	0.7	CB180	T100A4	4.2	97	10	251.1	3.8	R130	T132S6	7.2
5.1	280	2097	0.8	70/130	T100A4	2.2	2.3	420	5046	0.8	CB180	T112A6	4.5	97	10	248.1	2.6	R110	T132S6	5.2
5.0	573	2325	2.4	CB250	T90L2	8.4	2.2	428	5065	1.1	CB215	T112A6	5.4	96	10	256.7	5.5	R150	T112B6	11
5.0	288	2495	1.0	CB150	T100A4	3.6	2.2	420	5159	0.8	CB180	T100BL6	4.5	96	10	253.7	3.7	R130	T112B6	7.2
5.0	288	2409	0.7	CB130	T100A4	2.6	2.2	435	5419	1.6	CB250	T112A6	8.8	96	10	250.7	2.6	R110	T112B6	5.2



1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		3.0 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		3.0 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		3.0 kW	 Ptn kW
64	15	371.5	2.7	R130	T112B6	6.4	29	49	697.1	1.9	R150	T100B4	5.5	18.1	53	1218	5.2	CB215	T112B6	11
64	15	358.1	1.8	R110	T112B6	4.2	29	49	687.3	1.3	R130	T100B4	3.6	18.0	162	1069	1.7	CB150	T100A2	4.5
64	15	353.6	0.9	R85	T112B6	2.4	29	49	677.4	0.9	R110	T100B4	2.7	18.0	162	1037	1.1	CB130	T100A2	3.2
59	49	357.0	2.9	R150	T100A2	5.5	29	100	649.7	1.3	R150	T100A2	3.9	17.9	80	1218	4.8	CB215	T100B4	10
59	49	347.3	2.0	R130	T100A2	3.6	29	100	630.2	0.9	R130	T100A2	2.7	17.9	80	1057	1.1	R150	T100B4	4.4
59	49	347.3	1.3	R110	T100A2	2.7	29	50	781.3	2.8	CB150	T100B4	6.7	17.9	80	1026	0.8	R130	T100B4	3.0
59	49	350.9	1.3	R110	T90LB2	2.7	29	50	781.4	1.9	CB130	T100B4	5.1	17.9	80	1106	0.7	CB110	T100B4	2.9
59	49	341.3	0.7	R85	T90LB2	1.6	28	51	796.9	1.0	CB110	T100B4	3.8	17.8	162	1080	1.7	CB150	T90LB2	4.5
58	50	393.8	4.6	CB150	T100A2	7.4	28	52	823.0	4.0	CB180	T100B4	9.7	17.8	162	1047	1.1	CB130	T90LB2	3.2
58	50	388.9	3.1	CB130	T100A2	5.3	27	107	790.0	3.7	CB180	T100A2	8.2	17.3	56	1175	2.1	R180	T132S6	7.2
58	50	397.9	4.6	CB150	T90LB2	7.4	27	107	798.2	3.6	CB180	T90LB2	8.2	17.3	56	1125	1.3	R150	T132S6	4.7
58	50	392.9	3.0	CB130	T90LB2	5.3	26	110	779.9	0.9	CB110	T100A2	3.2	17.3	168	1092	0.6	CB110	T100A2	2.6
57	51	401.7	1.6	CB110	T100A2	4.2	26	37	852.3	3.9	CB180	T132S6	9.3	17.1	56	1137	1.3	R150	T112B6	4.7
56	51	405.9	1.6	CB110	T90LB2	4.2	26	110	788.0	0.9	CB110	T90LB2	3.2	17.1	56	1137	0.8	R130	T112B6	3.4
56	51	400.9	0.8	CB85	T90LB2	2.4	26	112	860.2	6.2	CB215	T100A2	11	17.1	168	1103	0.6	CB110	T90LB2	2.6
56	52	414.7	6.4	CB180	T100A2	11	26	37	861.1	3.9	CB180	T112B6	9.3	17.0	57	1195	2.9	R215	T132S6	8.8
55	52	419.0	6.3	CB180	T90LB2	11	26	112	869.2	6.1	CB215	T90LB2	11	16.8	85	1260	2.6	CB180	T100B4	7.9
52	56	408.0	2.5	R150	T100A2	5.5	26	56	818.8	1.6	R150	T100B4	5.5	16.8	85	1243	1.8	CB150	T100B4	5.5
52	56	397.0	1.6	R130	T100A2	3.5	26	56	774.0	1.1	R130	T100B4	3.5	16.8	85	1226	1.2	CB130	T100B4	4.0
52	56	391.5	0.9	R110	T100A2	2.7	26	56	774.1	0.6	R110	T100B4	2.7	16.7	174	1080	4.3	CB215	T100A2	6.8
51	56	395.5	0.9	R110	T90LB2	2.7	25	115	849.3	2.4	CB150	T100A2	5.9	16.7	174	1165	2.4	CB180	T100A2	6.4
51	28	426.3	3.0	R150	T100B4	6.2	25	115	826.7	1.6	CB130	T100A2	4.2	16.7	58	1302	1.9	CB150	T132S6	6.2
51	28	426.4	1.9	R130	T100B4	4.5	25	115	858.1	2.4	CB150	T90LB2	5.9	16.7	58	1302	1.2	CB130	T132S6	4.3
51	28	420.8	1.4	R110	T100B4	3.3	25	115	835.3	1.6	CB130	T90LB2	4.2	16.6	174	1091	4.3	CB215	T90LB2	6.8
51	28	403.8	0.7	R85	T100B4	1.8	25	58	894.6	2.5	CB150	T100B4	6.4	16.6	174	1177	2.4	CB180	T90LB2	6.4
50	58	451.1	4.0	CB150	T100A2	7.1	25	58	894.7	1.6	CB130	T100B4	4.9	16.6	58	1316	1.9	CB150	T112B6	6.2
50	58	451.2	2.7	CB130	T100A2	5.3	24	40	909.7	6.4	R250	T132S6	17	16.6	58	1316	1.2	CB130	T112B6	4.3
50	58	455.8	4.0	CB150	T90LB2	7.1	24	40	909.7	4.0	R215	T132S6	11	16.4	177	1290	5.5	CB250	T100A2	15
50	58	455.8	2.6	CB130	T90LB2	5.3	24	40	862.4	2.7	R180	T132S6	7.7	16.3	177	1303	5.4	CB250	T90LB2	15
49	59	464.7	1.5	CB110	T100A2	4.2	24	40	921.5	2.5	CB150	T132S6	6.7	16.3	59	1303	0.8	CB110	T112B6	3.4
49	59	469.6	1.4	CB110	T90LB2	4.2	24	40	862.4	1.9	R150	T132S6	5.5	16.2	60	1311	4.2	R250	T132S6	15
49	59	463.8	0.8	CB85	T90LB2	2.4	24	40	909.6	1.7	CB130	T132S6	4.7	15.9	90	1406	6.5	CB250	T100B4	17
49	20	490.3	4.9	R180	T132S6	12	24	40	838.9	1.2	R130	T132S6	3.7	15.7	62	1428	6.5	CB250	T132S6	17
49	20	484.4	3.5	R150	T132S6	8.3	24	59	898.3	1.0	CB110	T100B4	3.8	15.7	62	1410	4.6	CB215	T132S6	11
49	20	484.4	2.2	R130	T132S6	6.0	24	121	905.4	5.5	CB215	T100A2	10	15.7	62	1410	2.5	CB180	T132S6	8.9
48	20	489.4	3.4	R150	T112B6	8.3	24	40	931.1	2.5	CB150	T112B6	6.7	15.5	62	1444	6.5	CB250	T112B6	17
48	20	489.4	2.2	R130	T112B6	6.0	24	40	871.5	1.9	R150	T112B6	5.5	15.5	62	1425	4.6	CB215	T112B6	11
48	20	471.5	1.5	R110	T112B6	4.0	24	40	919.2	1.7	CB130	T112B6	4.7	15.5	62	1425	2.5	CB180	T112B6	8.9
48	20	459.6	0.8	R85	T112B6	2.2	24	40	847.5	1.2	R130	T112B6	3.7	14.4	202	1312	1.5	CB150	T100A2	4.4
47	62	488.3	5.3	CB180	T100A2	10	24	40	811.7	0.9	R110	T112B6	2.6	14.4	202	1273	1.0	CB130	T100A2	3.1
46	62	493.4	5.3	CB180	T90LB2	10	24	121	914.9	5.4	CB215	T90LB2	10	14.3	100	1242	0.8	R150	T100B4	3.9
42	69	536.7	1.3	CB110	T100A2	4.2	23	124	915.6	3.3	CB180	T100A2	8.2	14.3	202	1326	1.5	CB150	T90LB2	4.4
42	69	542.3	1.3	CB110	T90LB2	4.2	23	124	925.0	3.3	CB180	T90LB2	8.2	14.3	202	1286	1.0	CB130	T90LB2	3.1
42	69	535.3	0.7	CB85	T90LB2	2.4	23	42	967.4	6.2	CB215	T132S6	11	14.1	207	1386	5.0	CB250	T100A2	12
42	70	482.5	1.9	R150	T100A2	4.5	23	62	969.1	6.0	CB215	T100B4	11	14.1	69	1447	2.5	R215	T132S6	8.8
42	70	475.6	1.3	R130	T100A2	3.3	23	62	969.1	3.3	CB180	T100B4	9.3	13.9	207	1401	4.9	CB250	T90LB2	12
42	70	468.6	0.8	R110	T100A2	2.3	23	42	977.6	6.1	CB215	T112B6	11	13.9	69	1524	0.7	CB110	T112B6	3.4
41	70	473.5	0.8	R110	T90LB2	2.3	23	129	901.6	0.8	CB110	T100A2	3.2	13.9	70	1406	3.6	R250	T132S6	12
40	72	560.0	3.5	CB150	T100A2	7.1	22	43	975.2	0.9	CB110	T112B6	3.8	13.9	70	1364	1.6	R180	T132S6	6.1
40	72	552.9	2.3	CB130	T100A2	5.1	22	129	911.0	0.8	CB110	T90LB2	3.2	13.9	70	1303	1.0	R150	T132S6	4.0
40	72	565.9	3.4	CB150	T90LB2	7.1	21	69	1051	0.8	CB110	T100B4	3.8	13.7	70	1316	1.0	R150	T112B6	4.0
40	72	558.7	2.3	CB130	T90LB2	5.1	20	70	940	1.3	R150	T100B4	4.5	13.7	70	1296	0.7	R130	T11	



**3.0
kW**

STANDARD *line* Basic

1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		3.0 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		3.0 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		3.0 kW	Ptn kW
12.1	80	1537	1.4	R180	T132S6	5.9	7.8	375	2326	2.0	CB215	T100A2	6.8	4.6	213	3715	1.0	CB180	T132S6	5.0
12.1	80	1466	0.9	R150	T132S6	3.9	7.7	124	2628	1.5	CB180	T112B6	7.0	4.5	213	3938	1.4	CB215	T112B6	6.6
12.0	240	1600	4.5	CB250	T90LB2	11	7.7	375	2350	2.0	CB215	T90LB2	6.8	4.5	213	3748	1.0	CB180	T112B6	5.0
12.0	80	1791	3.6	CB215	T112B6	10	7.3	195	2541	2.6	110/215	T100B4	5.6	4.2	231	3956	0.7	CB150	T132S6	3.5
12.0	80	1480	0.9	R150	T112B6	3.9	7.2	403	2381	0.8	CB150	T100A2	3.7	4.2	231	3994	0.6	CB150	T112B6	3.5
12.0	80	1433	0.6	R130	T112B6	2.7	7.2	200	2404	4.1	130/250	T100B4	8.4	4.1	710	3844	1.5	CB250	T100A2	8.4
11.9	120	1779	4.9	CB250	T100B4	15	7.2	200	2484	1.6	85/180	T100B4	3.2	4.1	710	3881	1.5	CB250	T90LB2	8.4
11.8	121	1794	3.3	CB215	T100B4	9.6	7.2	200	2525	1.6	110/180	T100B4	5.6	4.0	240	4467	2.1	CB250	T132S6	10
11.7	248	1637	2.7	CB215	T100A2	7.6	7.2	200	2565	1.6	130/180	T100B4	8.4	4.0	240	4513	2.1	CB250	T112B6	10
11.7	248	1563	1.9	CB180	T100A2	5.7	7.2	200	2444	1.2	85/150	T100B4	3.2	4.0	360	4402	2.0	CB250	T100B4	9.7
11.6	248	1653	2.7	CB215	T90LB2	7.6	7.2	200	2484	1.1	110/150	T100B4	5.6	3.9	248	4470	1.3	CB215	T132S6	6.4
11.6	248	1579	1.8	CB180	T90LB2	5.7	7.2	403	2404	0.8	CB150	T90LB2	3.7	3.9	248	4250	0.9	CB180	T132S6	4.9
11.5	124	1789	2.0	CB180	T100B4	7.3	7.2	200	2364	0.8	70/130	T100B4	2.2	3.9	368	4198	0.9	CB180	T100B4	4.7
11.4	85	1808	2.0	CB180	T132S6	7.3	7.2	200	2404	0.7	85/130	T100B4	3.2	3.9	750	3913	1.0	CB215	T100A2	5.3
11.4	85	1808	1.4	CB150	T132S6	5.3	7.1	202	2509	0.9	CB150	T100B4	3.9	3.9	750	3692	0.6	CB180	T100A2	4.1
11.4	85	1758	0.9	CB130	T132S6	3.5	6.9	420	2522	1.2	CB180	T100A2	5.2	3.9	248	4516	1.3	CB215	T112B6	6.4
11.3	85	1827	2.0	CB180	T112B6	7.3	6.9	207	2695	3.1	CB250	T100B4	11	3.9	248	4293	0.9	CB180	T112B6	4.9
11.3	85	1827	1.4	CB150	T112B6	5.3	6.9	420	2548	1.2	CB180	T90LB2	5.2	3.8	750	3954	1.0	CB215	T90LB2	5.3
11.3	85	1776	0.9	CB130	T112B6	3.5	6.8	428	2570	1.7	CB215	T100A2	6.4	3.8	750	3731	0.6	CB180	T90LB2	4.1
11.2	261	1619	1.8	CB180	T100A2	5.5	6.7	144	2976	1.0	CB150	T132S6	4.9	3.8	375	4437	1.2	CB215	T100B4	6.1
11.0	261	1636	1.7	CB180	T90LB2	5.5	6.7	144	2890	0.6	CB130	T132S6	3.3	3.7	261	4390	0.9	CB180	T132S6	4.7
10.9	267	1709	2.5	CB215	T100A2	7.2	6.7	428	2597	1.7	CB215	T90LB2	6.4	3.7	261	4437	0.8	CB180	T112B6	4.7
10.8	267	1726	2.5	CB215	T90LB2	7.2	6.7	213	2733	1.9	CB215	T100B4	7.0	3.7	390	4683	1.5	110/215	T100B4	4.4
10.8	90	2047	5.0	CB250	T132S6	16	6.7	213	2604	1.3	CB180	T100B4	5.2	3.6	267	4578	1.2	CB215	T132S6	6.0
10.7	90	2068	4.9	CB250	T112B6	16	6.7	434	2433	1.1	CB180	T100A2	4.7	3.6	267	4616	1.2	CB215	T112B6	6.0
10.5	136	1827	3.3	110/215	T100B4	6.0	6.7	145	3083	3.3	CB250	T132S6	14	3.6	400	4241	2.5	130/250	T100B4	6.4
10.2	140	1824	4.9	130/250	T100B4	9.1	6.7	435	2698	2.6	CB250	T100A2	10	3.6	400	4642	1.0	110/180	T100B4	4.4
10.2	140	1824	2.1	110/180	T100B4	6.0	6.7	144	3006	0.9	CB150	T112B6	4.9	3.6	400	4482	1.0	85/180	T100B4	2.4
10.2	140	1824	2.1	85/180	T100B4	3.4	6.7	144	2922	0.6	CB130	T112B6	3.3	3.6	400	4721	1.0	130/180	T100B4	6.4
10.2	140	1880	2.0	130/180	T100B4	9.1	6.6	146	3064	2.2	CB215	T132S6	8.6	3.6	400	4401	0.7	85/150	T100B4	2.4
10.2	140	1796	1.5	85/150	T100B4	3.4	6.6	434	2460	1.1	CB180	T90LB2	4.7	3.6	400	4562	0.6	110/150	T100B4	4.4
10.2	140	1824	1.4	110/150	T100B4	6.0	6.6	145	3116	3.2	CB250	T112B6	14	3.4	420	4803	0.8	CB180	T100B4	4.7
10.2	140	1740	1.0	70/130	T100B4	2.5	6.6	435	2726	2.6	CB250	T90LB2	10	3.3	290	5146	1.8	CB250	T132S6	10
10.2	140	1740	1.0	85/130	T100B4	3.4	6.6	146	3091	2.2	CB215	T112B6	8.6	3.3	428	4890	1.0	CB215	T100B4	5.8
10.1	288	1759	1.2	CB150	T100A2	3.9	6.5	150	3100	1.4	CB180	T132S6	6.8	3.3	290	5194	1.8	CB250	T112B6	10
10.1	288	1731	0.8	CB130	T100A2	2.9	6.4	150	3134	1.3	CB180	T112B6	6.8	3.3	435	5138	1.6	CB250	T100B4	9.2
10.0	290	1857	3.9	CB250	T100A2	11	6.2	231	2777	0.8	CB150	T100B4	3.7	3.3	434	4616	0.7	CB180	T100B4	4.3
10.0	288	1776	1.2	CB150	T90LB2	3.9	6.0	162	2918	0.8	CB150	T132S6	3.8	3.2	300	5321	1.1	CB215	T132S6	6.3
10.0	288	1748	0.8	CB130	T90LB2	2.9	6.0	240	3077	2.8	CB250	T100B4	11	3.2	300	5372	1.1	CB215	T112B6	6.3
9.9	290	1875	3.8	CB250	T90LB2	11	5.9	162	2947	0.8	CB150	T112B6	3.8	3.2	304	5030	0.8	CB180	T132S6	4.6
9.9	144	2048	1.3	CB150	T100B4	5.1	5.8	248	3128	1.7	CB215	T100B4	6.8	3.2	304	5076	0.8	CB180	T112B6	4.6
9.9	144	2019	0.8	CB130	T100B4	3.7	5.8	248	2979	1.2	CB180	T100B4	5.1	2.8	508	5404	1.1	CB250	T100B4	8.1
9.9	98	1939	2.3	R250	T132S6	12	5.8	504	2731	0.6	CB150	T100A2	3.3	2.8	518	5812	0.9	CB215	T100B4	5.7
9.9	145	2150	4.2	CB250	T100B4	15	5.7	508	2850	1.8	CB250	T100A2	8.8	2.7	360	6284	1.6	CB250	T132S6	9.2
9.8	146	2136	2.9	CB215	T100B4	9.3	5.7	504	2759	0.6	CB150	T90LB2	3.3	2.7	360	6331	1.5	CB250	T112B6	9.2
9.7	300	1949	2.4	CB215	T100A2	7.4	5.7	508	2880	1.8	CB250	T90LB2	8.8	2.6	368	5969	0.7	CB180	T132S6	4.5
9.7	100	1890	1.6	R215	T132S6	7.1	5.6	518	3059	1.5	CB215	T100A2	6.3	2.6	368	6038	0.7	CB180	T112B6	4.5
9.7	100	1802	1.0	R180	T132S6	5.3	5.6	174	3241	1.9	CB215	T132S6	6.8	2.6	375	6306	1.0	CB215	T132S6	5.8
9.7	100	1713	0.7	R150	T132S6	3.5	5.6	174	3240	1.1	CB180	T132S6	5.5	2.6	375	6380	0.9	CB215	T112B6	5.8
9.6	300	1970	2.4	CB215	T90LB2	7.4	5.6	518	3092	1.5	CB215	T90LB2	6.3	2.5	573	5845	1.1	CB250	T100B4	7.7
9.6	100	1731	0.7	R150	T112B6	3.5	5.5	525	2896	1.0	CB180	T100A2	4.6	2.4	600	5538	1.9	130/250	T100B4	



1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		4.0 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		4.0 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		4.0 kW	Ptn kW
419	7	80.3	6.2	R130	T112A2	9.1	73	40	396.3	2.7	R150	T112A2	6.0	39	37	790.7	3.7	CB180	T100BL4	10
419	7	78.5	4.3	R110	T112A2	6.0	73	40	417.2	2.7	CB130	T112A2	5.6	37	80	824.1	5.8	CB215	T112A2	12
419	7	78.5	2.3	R85	T112A2	3.4	73	40	385.9	1.8	R130	T112A2	4.0	37	80	719.8	1.2	R150	T112A2	4.4
419	7	78.5	1.2	R70	T112A2	2.5	73	40	385.9	1.3	R110	T112A2	3.0	37	80	751.0	0.9	CB110	T112A2	3.2
417	7	80.6	6.2	R130	T100B2	9.1	73	40	375.5	0.6	R85	T112A2	1.6	37	80	709.3	0.9	R130	T112A2	3.0
417	7	78.8	4.3	R110	T100B2	6.0	73	40	423.9	4.0	CB150	T100B2	7.8	37	80	826.8	5.8	CB215	T100B2	12
417	7	78.8	2.2	R85	T100B2	3.4	73	40	397.7	2.7	R150	T100B2	6.0	37	80	722.1	1.2	R150	T100B2	4.4
417	7	78.8	1.2	R70	T100B2	2.5	73	40	418.6	2.7	CB130	T100B2	5.6	37	80	753.5	0.9	CB110	T100B2	3.2
293	10	113.4	5.1	R130	T112A2	8.4	73	40	387.3	1.8	R130	T100B2	4.0	37	80	711.7	0.9	R130	T100B2	3.0
293	10	110.8	3.5	R110	T112A2	5.6	73	40	387.2	1.3	R110	T100B2	3.0	36	40	838.2	2.5	CB150	T112A4	7.1
293	10	110.8	1.9	R85	T112A2	3.2	73	40	376.8	0.6	R85	T100B2	1.6	36	40	795.8	1.8	R150	T112A4	6.0
293	10	109.5	1.0	R70	T112A2	2.2	72	20	445.7	3.2	R150	T112A4	9.3	36	40	827.6	1.7	CB130	T112A4	5.1
292	10	113.8	5.0	R130	T100B2	8.4	72	20	440.4	2.1	R130	T112A4	6.4	36	40	774.6	1.2	R130	T112A4	4.0
292	10	111.2	3.5	R110	T100B2	5.6	72	20	429.7	1.4	R110	T112A4	4.4	36	40	764.1	0.8	R110	T112A4	3.0
292	10	111.2	1.8	R85	T100B2	3.2	72	20	419.2	0.7	R85	T112A4	2.4	36	40	844.2	2.5	CB150	T100BL4	7.1
292	10	109.9	1.0	R70	T100B2	2.2	72	20	448.8	3.2	R150	T100BL4	9.3	36	40	801.4	1.7	R150	T100BL4	6.0
206	7	163.4	6.5	R150	T112A4	12	72	20	443.4	2.1	R130	T100BL4	6.4	36	40	833.4	1.6	CB130	T100BL4	5.1
206	7	163.4	4.3	R130	T112A4	9.1	72	20	432.8	1.4	R110	T100BL4	4.4	36	40	780.0	1.2	R130	T100BL4	4.0
206	7	159.7	3.0	R110	T112A4	6.0	72	20	422.1	0.7	R85	T100BL4	2.4	36	40	769.4	0.8	R110	T100BL4	3.0
206	7	157.9	1.6	R85	T112A4	3.4	68	43	448.5	1.4	CB110	T112A2	4.2	35	28	926.3	3.5	R215	T132M6	16
206	7	157.8	0.8	R70	T112A4	2.5	68	43	450.0	1.4	CB110	T100B2	4.2	35	28	849.1	2.6	R180	T132M6	9.0
204	7	164.6	6.5	R150	T100BL4	12	65	15	502.1	4.3	R180	T132M6	14	35	28	816.1	1.8	R150	T132M6	5.7
204	7	164.5	4.3	R130	T100BL4	9.1	65	15	490.3	3.1	R150	T132M6	8.8	35	28	827.1	1.1	R130	T132M6	4.3
204	7	160.8	3.0	R110	T100BL4	6.0	65	15	490.2	2.0	R130	T132M6	6.4	34	85	842.3	3.2	CB180	T112A2	8.5
204	7	158.9	1.6	R85	T100BL4	3.4	65	15	472.5	1.3	R110	T132M6	4.2	34	85	842.2	2.2	CB150	T112A2	6.2
204	7	158.9	0.8	R70	T100BL4	2.5	60	49	472.7	2.2	R150	T112A2	5.5	34	85	820.1	1.5	CB130	T112A2	4.3
195	15	166.2	5.6	R150	T112A2	9.9	60	49	459.9	1.5	R130	T112A2	3.6	34	85	845.2	3.2	CB180	T100B2	8.5
195	15	164.3	3.8	R130	T112A2	6.8	60	49	459.9	1.0	R110	T112A2	2.7	34	85	845.2	2.2	CB150	T100B2	6.2
195	15	162.3	2.4	R110	T112A2	4.6	60	49	474.4	2.2	R150	T100B2	5.5	34	85	822.9	1.5	CB130	T100B2	4.3
195	15	160.4	1.3	R85	T112A2	2.7	60	49	461.5	1.5	R130	T100B2	3.6	34	42	880.1	6.0	CB215	T112A4	12
195	15	160.4	0.7	R70	T112A2	1.9	60	49	461.6	1.0	R110	T100B2	2.7	34	42	886.3	6.0	CB215	T100BL4	12
195	15	166.8	5.6	R150	T100B2	9.9	59	50	521.5	3.5	CB150	T112A2	7.4	33	43	889.8	0.9	CB110	T112A4	3.8
195	15	164.8	3.8	R130	T100B2	6.8	59	50	515.0	2.3	CB130	T112A2	5.3	33	43	895.7	0.9	CB110	T100BL4	3.8
195	15	162.9	2.4	R110	T100B2	4.6	58	50	523.3	3.5	CB150	T100B2	7.4	32	30	980.7	5.8	R250	T132M6	23
195	15	160.9	1.3	R85	T100B2	2.7	58	50	516.8	2.3	CB130	T100B2	5.3	29	49	922.8	1.4	R150	T112A4	5.5
195	15	160.9	0.7	R70	T100B2	1.9	57	51	532.0	1.2	CB110	T112A2	4.2	29	49	909.8	1.0	R130	T112A4	3.6
147	20	219.0	4.9	R150	T112A2	9.3	57	51	533.8	1.2	CB110	T100B2	4.2	29	49	897.0	0.6	R110	T112A4	2.7
147	20	216.4	3.2	R130	T112A2	6.4	56	52	549.1	4.8	CB180	T112A2	11	29	100	860.4	1.0	R150	T112A2	3.9
147	20	213.8	2.2	R110	T112A2	4.4	56	52	551.1	4.8	CB180	T100B2	11	29	100	834.5	0.7	R130	T112A2	2.7
147	20	211.2	1.1	R85	T112A2	2.4	52	56	540.3	1.9	R150	T112A2	5.5	29	100	863.3	0.9	R150	T100B2	3.9
146	20	219.8	4.9	R150	T100B2	9.3	52	56	525.7	1.2	R130	T112A2	3.5	29	100	837.4	0.7	R130	T100B2	2.7
146	20	217.2	3.2	R130	T100B2	6.4	52	56	518.3	0.7	R110	T112A2	2.7	29	49	929.4	1.4	R150	T100BL4	5.5
146	20	214.6	2.2	R110	T100B2	4.4	52	56	542.1	1.9	R150	T100B2	5.5	29	49	916.4	1.0	R130	T100BL4	3.6
146	20	211.9	1.1	R85	T100B2	2.4	52	56	527.5	1.2	R130	T100B2	3.5	29	49	903.2	0.6	R110	T100BL4	2.7
144	10	230.8	5.1	R150	T112A4	11	52	56	520.2	0.7	R110	T100B2	2.7	29	50	1035	2.1	CB150	T112A4	6.7
144	10	230.8	3.4	R130	T112A4	8.4	51	28	564.5	2.3	R150	T112A4	6.2	29	50	1035	1.4	CB130	T112A4	5.1
144	10	225.5	2.4	R110	T112A4	5.6	51	28	564.5	1.4	R130	T112A4	4.5	29	50	1042	2.1	CB150	T100BL4	6.7
144	10	222.8	1.3	R85	T112A4	3.2	51	28	557.0	1.0	R110	T112A4	3.3	29	50	1042	1.4	CB130	T100BL4	5.1
144	10	220.2	0.6	R70	T112A4	2.2	51	28	568.4	2.3	R150	T100BL4	6.2	28	51	1055	0.7	CB110	T112A4	3.8
143	10	232.4	5.1	R150	T100BL4	11	51	28	568.5	1.4	R130	T100BL4	4.5	28	51	1063	0.7	CB110	T100BL4	3.8
143	10	232.4	3.4	R130	T100BL4	8.4	51	28	561.0	1.0	R110	T100BL4	3.3	28	52	1090	3.0	CB180	T112A4	9.7
143	10	227.1	2.4	R110	T100BL4	5.6	51	58	597.4	3.0	CB150	T112A2	7.1	28	52	1097	3.0	CB180	T100BL4	9.7
143	10	224.4	1.2	R85	T100BL4	3.2	51	58	597.3	2.0	CB130	T112A2	5.3	27	107	1046	2.8	CB180	T112A2	8.2
143	10																			

STANDARD *line* Basic

1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		4.0 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		4.0 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		4.0 kW	 Ptn kW
24	40	1150	1.4	R150	T132M6	5.5	15.7	62	1904	4.9	CB250	T132M6	17	10.2	140	2320	0.7	85/130	T100BL4	3.4
24	40	1213	1.3	CB130	T132M6	4.7	15.7	62	1880	3.5	CB215	T132M6	11	10.2	288	2329	0.9	CB150	T112A2	3.9
24	40	1119	0.9	R130	T132M6	3.7	15.7	62	1880	1.9	CB180	T132M6	8.9	10.1	288	2336	0.9	CB150	T100B2	3.9
24	59	1198	0.7	CB110	T100BL4	3.8	14.5	202	1739	1.1	CB150	T112A2	4.4	10.1	290	2459	2.9	CB250	T112A2	11
24	121	1199	4.1	CB215	T112A2	10	14.5	202	1686	0.7	CB130	T112A2	3.1	10.1	290	2466	2.9	CB250	T100B2	11
24	121	1203	4.1	CB215	T100B2	10	14.5	202	1744	1.1	CB150	T100B2	4.4	10.0	144	2712	1.0	CB150	T112A4	5.1
24	124	1213	2.5	CB180	T112A2	8.2	14.5	202	1691	0.7	CB130	T100B2	3.1	10.0	144	2674	0.6	CB130	T112A4	3.7
24	124	1217	2.5	CB180	T100B2	8.2	14.4	100	1644	0.6	R150	T112A4	3.9	9.9	145	2847	3.2	CB250	T112A4	15
23	62	1299	6.4	CB250	T112A4	18	14.3	100	1656	0.6	R150	T100BL4	3.9	9.9	144	2731	0.9	CB150	T100BL4	5.1
23	62	1283	4.6	CB215	T112A4	11	14.2	207	1836	3.7	CB250	T112A2	12	9.9	144	2693	0.6	CB130	T100BL4	3.7
23	62	1283	2.5	CB180	T112A4	9.3	14.1	207	1841	3.7	CB250	T100B2	12	9.9	98	2585	1.7	R250	T132M6	12
23	42	1290	4.6	CB215	T132M6	11	14.1	69	1929	1.9	R215	T132M6	8.8	9.9	145	2867	3.2	CB250	T100BL4	15
23	62	1309	6.3	CB250	T100BL4	18	13.9	70	1874	2.7	R250	T132M6	12	9.9	146	2828	2.2	CB215	T112A4	9.3
23	62	1292	4.5	CB215	T100BL4	11	13.9	70	1819	1.2	R180	T132M6	6.1	9.8	146	2849	2.2	CB215	T100BL4	9.3
23	62	1292	2.5	CB180	T100BL4	9.3	13.9	70	1737	0.8	R150	T132M6	4.0	9.8	300	2581	1.8	CB215	T112A2	7.4
23	129	1194	0.6	CB110	T112A2	3.2	13.8	213	1888	2.3	CB215	T112A2	7.8	9.7	300	2591	1.8	CB215	T100B2	7.4
23	129	1198	0.6	CB110	T100B2	3.2	13.8	213	1804	1.5	CB180	T112A2	5.8	9.7	100	2520	1.2	R215	T132M6	7.1
21	69	1391	0.6	CB110	T112A4	3.8	13.7	213	1895	2.3	CB215	T100B2	7.8	9.7	100	2403	0.8	R180	T132M6	5.3
21	69	1401	0.6	CB110	T100BL4	3.8	13.7	213	1811	1.5	CB180	T100B2	5.8	9.6	304	2457	1.2	CB180	T112A2	5.4
21	70	1244	1.0	R150	T112A4	4.5	13.5	72	2127	1.2	CB150	T132M6	5.9	9.6	304	2464	1.2	CB180	T100B2	5.4
21	70	1244	0.7	R130	T112A4	3.3	13.5	72	2127	0.8	CB130	T132M6	4.2	9.6	150	2865	1.3	CB180	T112A4	7.3
20	70	1253	0.9	R150	T100BL4	4.5	13.5	107	2072	1.7	CB180	T112A4	7.6	9.5	150	2886	1.3	CB180	T100BL4	7.3
20	70	1253	0.6	R130	T100BL4	3.3	13.4	107	2087	1.7	CB180	T100BL4	7.6	9.1	107	2990	1.3	CB180	T132M6	7.0
20	144	1389	1.6	CB150	T112A2	5.7	13.2	109	2256	4.3	CB250	T112A4	17	9.1	323	2569	0.7	CB150	T112A2	3.8
20	144	1352	1.0	CB130	T112A2	4.0	13.1	109	2271	4.2	CB250	T100BL4	17	9.0	323	2577	0.7	CB150	T100B2	3.8
20	144	1394	1.6	CB150	T100B2	5.7	12.9	75	2245	3.0	CB215	T132M6	10	8.9	109	3305	3.2	CB250	T132M6	16
20	144	1356	1.0	CB130	T100B2	4.0	12.9	75	2245	1.7	CB180	T132M6	8.5	8.9	162	2707	0.8	CB150	T112A4	4.0
20	145	1437	5.3	CB250	T112A2	16	12.9	112	2228	2.8	CB215	T112A4	10	8.8	162	2726	0.8	CB150	T100BL4	4.0
20	145	1442	5.3	CB250	T100B2	16	12.8	112	2244	2.8	CB215	T100BL4	10	8.7	112	3264	2.2	CB215	T132M6	9.6
20	146	1447	3.6	CB215	T112A2	10	12.7	231	1928	1.0	CB150	T112A2	4.1	8.4	115	3172	0.9	CB150	T132M6	4.9
20	146	1452	3.6	CB215	T100B2	10	12.7	231	1868	0.7	CB130	T112A2	3.0	8.3	174	2906	1.9	CB215	T112A4	6.8
20	72	1471	1.6	CB150	T112A4	6.4	12.6	231	1934	1.0	CB150	T100B2	4.1	8.3	174	2999	1.1	CB180	T112A4	5.8
20	72	1452	1.1	CB130	T112A4	4.7	12.6	231	1874	0.7	CB130	T100B2	3.0	8.2	174	2928	1.9	CB215	T100BL4	6.8
19.9	72	1481	1.6	CB150	T100BL4	6.4	12.5	115	2197	1.1	CB150	T112A4	5.3	8.2	174	3021	1.1	CB180	T100BL4	5.8
19.9	72	1462	1.1	CB130	T100BL4	4.7	12.5	115	2166	0.7	CB130	T112A4	3.9	8.1	360	3004	2.5	CB250	T112A2	11
19.8	49	1447	4.0	R250	T132M6	16	12.4	78	2364	4.2	CB250	T132M6	16	8.1	177	3379	2.5	CB250	T112A4	14
19.8	49	1389	1.7	R180	T132M6	7.4	12.4	115	2213	1.1	CB150	T100BL4	5.3	8.1	360	3015	2.5	CB250	T100B2	11
19.8	49	1331	1.1	R150	T132M6	4.8	12.4	115	2182	0.7	CB130	T100BL4	3.9	8.1	120	3451	2.8	CB250	T132M6	14
19.5	150	1447	2.2	CB180	T112A2	7.9	12.3	79	2084	2.2	R250	T132M6	12	8.1	177	3404	2.5	CB250	T100BL4	14
19.5	150	1452	2.2	CB180	T100B2	7.9	12.2	240	2096	3.4	CB250	T112A2	11	8.0	121	3429	1.9	CB215	T132M6	8.9
19.4	50	1457	2.5	R215	T132M6	9.9	12.2	240	2103	3.4	CB250	T100B2	11	8.0	368	2927	1.1	CB180	T112A2	5.2
19.4	50	1516	1.6	CB150	T132M6	6.4	12.1	80	2364	2.7	CB215	T132M6	10	7.9	368	2938	1.1	CB180	T100B2	5.2
19.4	50	1516	1.1	CB130	T132M6	4.5	12.1	80	2017	1.6	R215	T132M6	7.1	7.8	124	3469	1.2	CB180	T132M6	7.0
19.2	75	1552	4.0	CB215	T112A4	11	12.1	80	2049	1.0	R180	T132M6	5.9	7.8	375	3082	1.5	CB215	T112A2	6.8
19.2	75	1532	2.2	CB180	T112A4	8.9	12.1	80	1954	0.7	R150	T132M6	3.9	7.8	375	3090	1.5	CB215	T100B2	6.8
19.1	75	1563	3.9	CB215	T100BL4	11	12.0	120	2356	3.7	CB250	T112A4	15	7.4	195	3365	2.0	110/215	T112A4	5.6
19.1	75	1543	2.2	CB180	T100BL4	8.9	11.9	120	2371	3.7	CB250	T100BL4	15	7.3	195	3387	2.0	110/215	T100BL4	5.6
18.7	52	1598	5.6	CB250	T132M6	17	11.9	121	2375	2.5	CB215	T112A4	9.6	7.3	403	3153	0.6	CB150	T112A2	3.7
18.7	52	1598	2.3	CB180	T132M6	9.3	11.8	121	2392	2.5	CB215	T100BL4	9.6	7.3	403	3161	0.6	CB150	T100B2	3.7
18.5	78	1614	5.5	CB250	T112A4	17	11.8	248	2167	2.1	CB215	T112A2	7.6	7.2	200	3183	3.1	130/250	T112A4	8.4
18.3	78	1626	5.4	CB250	T100BL4	17	11.8	248	2070	1.4	CB180	T112A2	5.7	7.2	200	3289				



1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		4.0 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		4.0 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		5.5 kW	 Ptn kW
6.5	150	4133	1.0	CB180	T132M6	6.8	3.3	435	6809	1.2	CB250	T112A4	9.2	419	7	110.4	4.5	R130	T132S2	9.1
6.2	231	3679	0.6	CB150	T112A4	3.7	3.3	435	6851	1.2	CB250	T100BL4	9.2	419	7	107.9	3.2	R110	T132S2	6.0
6.2	231	3703	0.6	CB150	T100BL4	3.7	3.2	300	7095	0.9	CB215	T132M6	6.3	417	7	110.8	4.5	R130	T112B2	9.1
6.0	240	4075	2.1	CB250	T112A4	11	2.8	508	7153	0.9	CB250	T112A4	8.1	417	7	108.3	3.1	R110	T112B2	6.0
6.0	162	3890	0.6	CB150	T132M6	3.8	2.8	508	7205	0.9	CB250	T100BL4	8.1	417	7	108.3	1.6	R85	T112B2	3.4
6.0	240	4102	2.1	CB250	T100BL4	11	2.8	518	7696	0.7	CB215	T112A4	5.7	417	7	108.3	0.9	R70	T112B2	2.5
5.8	248	4143	1.3	CB215	T112A4	6.8	2.8	518	7750	0.7	CB215	T100BL4	5.7	293	10	156.0	5.5	R150	T132S2	11
5.8	248	3945	0.9	CB180	T112A4	5.1	2.7	360	8379	1.2	CB250	T132M6	9.2	293	10	156.0	3.7	R130	T132S2	8.4
5.8	508	3774	1.4	CB250	T112A2	8.8	2.6	375	8408	0.7	CB215	T132M6	5.8	293	10	152.4	2.6	R110	T132S2	5.6
5.8	248	4171	1.3	CB215	T100BL4	6.8	2.5	573	7762	0.9	CB250	T112A4	7.7	292	10	156.5	5.4	R150	T112B2	11
5.8	248	3972	0.9	CB180	T100BL4	5.1	2.5	573	7794	0.9	CB250	T100BL4	7.7	292	10	156.5	3.7	R130	T112B2	8.4
5.8	508	3787	1.4	CB250	T100B2	8.8	2.4	600	7322	1.4	130/250	T112A4	6.8	292	10	152.9	2.6	R110	T112B2	5.6
5.7	518	4049	1.1	CB215	T112A2	6.3	2.4	600	8118	0.8	110/215	T112A4	4.6	292	10	152.9	1.3	R85	T112B2	3.2
5.6	518	4064	1.1	CB215	T100B2	6.3	2.4	600	7799	0.6	CB215	T112A4	4.9	292	10	151.1	0.7	R70	T112B2	2.2
5.6	525	3834	0.7	CB180	T112A2	4.6	2.4	600	7383	1.4	130/250	T100BL4	6.8	209	7	221.6	4.8	R150	T132S4	12
5.6	174	4321	1.4	CB215	T132M6	6.8	2.4	600	8186	0.8	110/215	T100BL4	4.6	209	7	221.6	3.2	R130	T132S4	9.1
5.6	174	4321	0.8	CB180	T132M6	5.5	2.4	600	7866	0.6	CB215	T100BL4	4.9	209	7	216.6	2.2	R110	T132S4	6.0
5.6	525	3847	0.7	CB180	T100B2	4.6	2.3	428	9086	0.6	CB215	T132M6	5.4	206	7	224.7	4.8	R150	T112BL4	12
5.5	261	4083	0.8	CB180	T112A4	5.0	2.2	435	9764	0.9	CB250	T132M6	8.8	206	7	224.7	3.1	R130	T112BL4	9.1
5.5	177	4880	1.9	CB250	T132M6	13	2.0	710	9597	0.7	CB250	T112A4	7.7	206	7	219.6	2.2	R110	T112BL4	6.0
5.5	261	4113	0.8	CB180	T100BL4	5.0	2.0	710	9692	0.7	CB250	T100BL4	7.7	206	7	217.0	1.1	R85	T112BL4	3.4
5.4	267	4323	1.2	CB215	T112A4	6.4	1.9	508	10201	0.7	CB250	T132M6	7.7	206	7	217.0	0.6	R70	T112BL4	2.5
5.4	267	4347	1.2	CB215	T100BL4	6.4	1.7	573	11076	0.7	CB250	T132M6	7.4	195	15	231.3	5.7	R180	T132S2	15
5.1	280	4087	0.9	85/180	T112A4	3.2	1.5	980	12474	0.8	130/250	T112A4	3.6	195	15	228.6	4.1	R150	T132S2	9.9
5.1	280	4087	0.9	110/180	T112A4	5.6	1.5	980	12560	0.8	130/250	T100BL4	3.6	195	15	225.9	2.8	R130	T132S2	6.8
5.1	280	4236	0.9	130/180	T112A4	8.4	1.0	1446	15660	0.7	130/250	T112A4	3.6	195	15	223.2	1.8	R110	T132S2	4.6
5.1	280	3939	0.6	85/150	T112A4	3.2	0.99	1446	15819	0.7	130/250	T100BL4	3.6	195	15	229.3	4.1	R150	T112B2	9.9
5.1	280	4013	0.6	110/150	T112A4	5.6								195	15	226.6	2.7	R130	T112B2	6.8
5.1	573	4111	1.4	CB250	T112A2	8.4								195	15	223.9	1.8	R110	T112B2	4.6
5.1	280	4111	0.9	85/180	T100BL4	3.2								195	15	221.3	1.0	R85	T112B2	2.7
5.1	280	4111	0.9	110/180	T100BL4	5.6								147	20	301.2	5.0	R180	T132S2	13
5.1	280	4261	0.9	130/180	T100BL4	8.4								147	20	301.2	3.6	R150	T132S2	9.3
5.1	280	3962	0.6	85/150	T100BL4	3.2								147	20	297.6	2.3	R130	T132S2	6.4
5.1	280	4037	0.6	110/150	T100BL4	5.6								146	10	316.6	5.2	R180	T132S4	17
5.1	573	4120	1.4	CB250	T100B2	8.4								146	10	313.0	3.8	R150	T132S4	11
5.0	290	4766	1.8	CB250	T112A4	11								146	20	302.2	3.5	R150	T112B2	9.3
4.9	290	4804	1.8	CB250	T100BL4	11								146	10	313.0	2.5	R130	T132S4	8.4
4.9	293	4746	1.5	110/215	T112A4	5.6								146	20	298.6	2.3	R130	T112B2	6.4
4.9	293	4775	1.5	110/215	T100BL4	5.6								146	10	305.8	1.8	R110	T132S4	5.6
4.9	600	4148	1.0	CB215	T112A2	5.3								146	20	295.0	1.6	R110	T112B2	4.4
4.9	600	4227	0.6	CB180	T112A2	4.4								146	20	291.4	0.8	R85	T112B2	2.4
4.9	600	4157	1.0	CB215	T100B2	5.3								144	10	317.3	3.7	R150	T112BL4	11
4.9	600	4235	0.6	CB180	T100B2	4.4								144	10	317.3	2.5	R130	T112BL4	8.4
4.8	300	4854	2.2	130/250	T112A4	8.4								144	10	310.0	1.7	R110	T112BL4	5.6
4.8	300	4934	1.1	CB215	T112A4	6.6								144	10	306.4	0.9	R85	T112BL4	3.2
4.8	300	4885	2.2	130/250	T100BL4	8.4								139	7	333.6	5.5	R180	T132ML6	17
4.8	300	4965	1.1	CB215	T100BL4	6.6								139	7	329.8	3.9	R150	T132ML6	11
4.7	304	4674	0.8	CB180	T112A4	4.9								139	7	329.8	2.6	R130	T132ML6	8.4
4.7	304	4715	0.7	CB180	T100BL4	4.9								139	7	322.2	1.8	R110	T132ML6	5.6
4.7	207	5131	1.8	CB250	T132M6	10								105	28	431.7	5.6	R215	T132S2	18
4.6	213	5205	1.1	CB215	T132M6	6.6								105	28	401.6	3.5	R180	T132S2	9.9
4.6	213	4953	0.7	CB180	T132M6	5.0								105	28	386.5	2.5	R150	T132S2	6.2
4.1	710	5087	1.1	CB250	T112A2	8.4								105	28	381.5	1.6	R130	T132S2	4.5
4.1	710	5112	1.1	CB250	T100B2	8.4								104	28	387.8	2.5	R150	T112B2	6.2
4.0	240	5957	1.6	CB250	T132M6	10								104	28	382.8	1.6	R130	T112B2	4.5
4.0	360	5826	1.5	CB250	T112A4	9.7								104	28	387.8	1.1	R110	T112B2	3.3
4.0	360	5870	1.5	CB250																

**5.5
kW****STANDARD line Basic**

1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		5.5 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		5.5 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		5.5 kW	Ptn kW
73	40	546.8	2.0	R150	T112B2	6.0	37	80	1133	4.2	CB215	T132S2	12	24	40	1668	3.5	R250	T132ML6	17
73	40	575.6	1.9	CB130	T112B2	5.6	37	80	1004	2.2	R215	T132S2	8.5	24	40	1668	2.2	R215	T132ML6	11
73	20	597.2	1.5	R130	T132S4	6.4	37	80	990	1.4	R180	T132S2	6.3	24	40	1581	1.5	R180	T132ML6	7.7
73	40	532.5	1.3	R130	T112B2	4.0	37	80	990	0.9	R150	T132S2	4.4	24	40	1689	1.4	CB150	T132ML6	6.7
73	40	532.4	0.9	R110	T112B2	3.0	37	40	1137	4.4	R250	T132S4	19	24	40	1581	1.0	R150	T132ML6	5.5
72	20	612.8	2.3	R150	T112BL4	9.3	37	80	1137	4.2	CB215	T112B2	12	24	40	1668	0.9	CB130	T132ML6	4.7
72	20	605.5	1.5	R130	T112BL4	6.4	37	40	1137	2.7	R215	T132S4	12	24	40	1538	0.7	R130	T132ML6	3.7
72	20	590.9	1.0	R110	T112BL4	4.4	37	40	1079	1.9	R180	T132S4	8.3	24	121	1649	3.0	CB215	T132S2	10
68	43	618.7	1.0	CB110	T112B2	4.2	37	40	1137	1.8	CB150	T132S4	7.1	24	121	1654	3.0	CB215	T112B2	10
65	15	706.6	5.5	R215	T132ML6	20	37	40	1079	1.3	R150	T132S4	6.0	24	124	1667	1.8	CB180	T132S2	8.2
65	15	690.4	3.1	R180	T132ML6	14	37	40	1122	1.2	CB130	T132S4	5.1	24	62	1762	4.7	CB250	T132S4	18
65	15	674.1	2.2	R150	T132ML6	8.8	37	80	993	0.9	R150	T112B2	4.4	24	62	1740	3.4	CB215	T132S4	11
65	15	674.1	1.5	R130	T132ML6	6.4	37	40	1050	0.9	R130	T132S4	4.0	24	62	1740	1.8	CB180	T132S4	9.3
65	15	649.7	1.0	R110	T132ML6	4.2	37	80	1036	0.6	CB110	T112B2	3.2	24	124	1673	1.8	CB180	T112B2	8.2
60	49	685.1	5.5	R250	T132S2	18	37	80	979	0.6	R130	T112B2	3.0	23	62	1786	4.6	CB250	T112BL4	18
60	49	650.0	2.5	R180	T132S2	8.0	36	40	1153	1.8	CB150	T112BL4	7.1	23	62	1764	3.3	CB215	T112BL4	11
60	49	650.0	1.6	R150	T132S2	5.5	36	40	1094	1.3	R150	T112BL4	6.0	23	62	1764	1.8	CB180	T112BL4	9.3
60	49	652.2	1.6	R150	T112B2	5.5	36	40	1138	1.2	CB130	T112BL4	5.1	23	42	1774	3.4	CB215	T132ML6	11
60	49	634.6	1.1	R130	T112B2	3.6	36	40	1065	0.8	R130	T112BL4	4.0	21	69	1837	1.7	R215	T132S4	9.9
60	49	634.7	0.7	R110	T112B2	2.7	36	40	1051	0.6	R110	T112BL4	3.0	21	70	1788	2.5	R250	T132S4	14
59	50	699.2	3.4	R215	T132S2	12	35	42	1194	4.4	CB215	T132S4	12	21	70	1712	1.1	R180	T132S4	6.5
59	50	717.1	2.5	CB150	T132S2	7.4	35	28	1274	2.5	R215	T132ML6	16	21	70	1687	0.7	R150	T132S4	4.5
59	50	708.1	1.7	CB130	T132S2	5.3	35	28	1168	1.9	R180	T132ML6	9.0	21	70	1711	0.7	R150	T112BL4	4.5
58	50	719.5	2.5	CB150	T112B2	7.4	35	28	1122	1.3	R150	T132ML6	5.7	20	144	1910	1.1	CB150	T132S2	5.7
58	50	710.6	1.7	CB130	T112B2	5.3	35	28	1137	0.8	R130	T132ML6	4.3	20	144	1858	0.7	CB130	T132S2	4.0
57	51	734.0	0.9	CB110	T112B2	4.2	34	85	1158	2.3	CB180	T132S2	8.5	20	72	1994	1.2	CB150	T132S4	6.4
56	52	755.0	3.5	CB180	T132S2	11	34	85	1158	1.6	CB150	T132S2	6.2	20	144	1917	1.1	CB150	T112B2	5.7
56	52	757.7	3.5	CB180	T112B2	11	34	85	1128	1.1	CB130	T132S2	4.3	20	72	1969	0.8	CB130	T132S4	4.7
55	53	769.6	5.9	CB215	T132S2	13	34	85	1162	2.3	CB180	T112B2	8.5	20	144	1865	0.7	CB130	T112B2	4.0
55	53	772.3	5.9	CB215	T112B2	13	34	85	1162	1.6	CB150	T112B2	6.2	20	145	1975	3.8	CB250	T132S2	16
52	56	742.9	2.2	R180	T132S2	7.7	34	85	1132	1.1	CB130	T112B2	4.3	20	145	1982	3.8	CB250	T112B2	16
52	56	742.9	1.4	R150	T132S2	5.5	34	42	1210	4.4	CB215	T112BL4	12	20	146	1989	2.6	CB215	T132S2	10
52	28	856.3	3.7	R215	T132S4	17	33	43	1224	0.6	CB110	T112BL4	3.8	20	146	1996	2.6	CB215	T112B2	10
52	28	795.8	2.4	R180	T132S4	9.9	33	90	1291	5.9	CB250	T132S2	19	20	72	2022	1.2	CB150	T112BL4	6.4
52	28	765.6	1.7	R150	T132S4	6.2	32	90	1295	5.8	CB250	T112B2	19	20	72	1996	0.8	CB130	T112BL4	4.7
52	56	745.4	1.4	R150	T112B2	5.5	32	30	1348	4.2	R250	T132ML6	23	19.8	49	1990	2.9	R250	T132ML6	16
52	28	765.6	1.1	R130	T132S4	4.5	30	98	1230	2.4	R250	T132S2	13	19.8	49	1910	1.3	R180	T132ML6	7.4
52	56	725.3	0.9	R130	T112B2	3.5	30	49	1357	3.7	R250	T132S4	17	19.8	49	1831	0.8	R150	T132ML6	4.8
51	28	776.2	1.6	R150	T112BL4	6.2	30	49	1304	1.6	R180	T132S4	8.0	19.5	150	1990	1.6	CB180	T132S2	7.9
51	28	776.2	1.0	R130	T112BL4	4.5	30	49	1252	1.1	R150	T132S4	5.5	19.5	75	2104	2.9	CB215	T132S4	11
51	28	765.9	0.7	R110	T112BL4	3.3	29	49	1269	1.0	R150	T112BL4	5.5	19.5	75	2077	1.6	CB180	T132S4	8.9
51	57	776.6	2.9	R215	T132S2	11	29	49	1251	0.7	R130	T112BL4	3.6	19.5	150	1996	1.6	CB180	T112B2	7.9
51	58	821.4	2.2	CB150	T132S2	7.1	29	100	1255	1.7	R215	T132S2	8.5	19.4	50	2004	1.8	R215	T132ML6	9.9
51	58	821.3	1.5	CB130	T132S2	5.3	29	100	1165	1.1	R180	T132S2	5.6	19.4	50	2085	1.2	CB150	T132ML6	6.4
50	58	824.3	2.2	CB150	T112B2	7.1	29	100	1183	0.7	R150	T132S2	3.9	19.4	50	2085	0.8	CB130	T132ML6	4.5
50	58	824.3	1.5	CB130	T112B2	5.3	29	50	1367	2.3	R215	T132S4	11	19.2	75	2134	2.9	CB215	T112BL4	11
49	59	849.1	0.8	CB110	T112B2	4.2	29	50	1403	1.6	CB150	T132S4	6.7	19.2	75	2107	1.6	CB180	T112BL4	8.9
49	60	828.3	4.3	R250	T132S2	17	29	50	1403	1.0	CB130	T132S4	5.1	18.7	78	2189	4.0	CB250	T132S4	17
49	30	906.5	5.3	R250	T132S4	25	29	100	1187	0.7	R150	T112B2	3.9	18.7	52	2197	4.1	CB250	T132ML6	17
49	20	920.5	6.2	R250	T132ML6	26	29	50	1423	1.6	CB150	T112BL4	6.7	18.7	52	2197	1.7	CB180	T132ML6	9.3
49	20	920.5	4.2	R215	T132ML6	17	29	50	1423	1.0	CB130	T112BL4	5.1	18.5	79	1961	2.0	R250	T132S4	13
49	20	898.9	2.7	R180	T132ML6	12	28	52	1478	5.4	CB250	T132S4	18	18.5	78	2219	4.0	CB250	T112BL4	17
49	20	888.0	1.9	R150	T132ML6	8.3	28	52	1478	2.2	CB180	T1								



1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		5.5 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		5.5 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		5.5 kW	 Ptn kW
16.0	90	2561	3.6	CB250	T112BL4	17	9.7	150	3886	1.0	CB180	T132S4	7.3	4.9	293	6526	1.1	110/215	T112BL4	5.6
15.7	62	2618	3.6	CB250	T132ML6	17	9.7	100	3465	0.9	R215	T132ML6	7.1	4.9	600	5704	0.7	CB215	T132S2	5.3
15.7	62	2584	2.5	CB215	T132ML6	11	9.6	304	3378	0.9	CB180	T132S2	5.4	4.9	300	6579	1.6	130/250	T132S4	8.4
15.7	62	2584	1.4	CB180	T132ML6	8.9	9.6	304	3388	0.9	CB180	T112B2	5.4	4.9	300	6687	0.8	CB215	T132S4	6.6
14.9	98	2432	1.6	R250	T132S4	13	9.6	150	3939	1.0	CB180	T112BL4	7.3	4.9	600	5716	0.7	CB215	T112B2	5.3
14.6	100	2447	1.1	R215	T132S4	8.0	9.1	107	4111	0.9	CB180	T132ML6	7.0	4.8	300	6675	1.6	130/250	T112BL4	8.4
14.6	100	2267	0.7	R180	T132S4	5.6	9.0	162	3672	0.6	CB150	T132S4	4.0	4.8	300	6784	0.8	CB215	T112BL4	6.6
14.5	202	2391	0.8	CB150	T132S2	4.4	8.9	109	4544	2.3	CB250	T132ML6	16	4.7	207	7056	1.3	CB250	T132ML6	10
14.5	202	2397	0.8	CB150	T112B2	4.4	8.7	112	4488	1.6	CB215	T132ML6	9.6	4.6	213	7157	0.8	CB215	T132ML6	6.6
14.2	207	2524	2.7	CB250	T132S2	12	8.4	115	4361	0.6	CB150	T132ML6	4.9	4.1	710	6994	0.8	CB250	T132S2	8.4
14.1	207	2531	2.7	CB250	T112B2	12	8.4	174	3944	1.4	CB215	T132S4	6.8	4.1	710	7029	0.8	CB250	T112B2	8.4
14.1	69	2652	1.4	R215	T132ML6	8.8	8.4	174	4069	0.8	CB180	T132S4	5.8	4.1	360	7891	1.1	CB250	T132S4	9.7
13.9	70	2577	1.9	R250	T132ML6	12	8.3	174	3996	1.4	CB215	T112BL4	6.8	4.0	240	8190	1.1	CB250	T132ML6	10
13.9	70	2501	0.9	R180	T132ML6	6.1	8.3	174	4123	0.8	CB180	T112BL4	5.8	4.0	360	8010	1.1	CB250	T112BL4	9.7
13.8	213	2596	1.6	CB215	T132S2	7.8	8.3	177	4584	1.8	CB250	T132S4	14	3.9	248	8194	0.7	CB215	T132ML6	6.4
13.8	213	2481	1.1	CB180	T132S2	5.8	8.1	360	4130	1.8	CB250	T132S2	11	3.9	375	7967	0.7	CB215	T132S4	6.1
13.7	213	2605	1.6	CB215	T112B2	7.8	8.1	177	4646	1.8	CB250	T112BL4	14	3.8	375	8069	0.7	CB215	T112BL4	6.1
13.7	213	2490	1.1	CB180	T112B2	5.8	8.1	360	4145	1.8	CB250	T112B2	11	3.7	390	8540	0.8	110/215	T112BL4	4.4
13.6	107	2811	1.2	CB180	T132S4	7.6	8.1	120	4746	2.0	CB250	T132ML6	14	3.7	400	7627	1.4	130/250	T132S4	6.4
13.5	72	2924	0.9	CB150	T132ML6	5.9	8.0	121	4715	1.4	CB215	T132ML6	8.9	3.6	267	8393	0.7	CB215	T132ML6	6.0
13.5	107	2849	1.2	CB180	T112BL4	7.6	8.0	368	4025	0.8	CB180	T132S2	5.2	3.6	400	7733	1.4	130/250	T112BL4	6.4
13.4	109	3060	3.1	CB250	T132S4	17	7.9	368	4040	0.8	CB180	T112B2	5.2	3.4	435	9223	0.9	CB250	T132S4	9.2
13.2	109	3101	3.1	CB250	T112BL4	17	7.8	124	4769	0.8	CB180	T132ML6	7.0	3.3	290	9435	1.0	CB250	T132ML6	10
13.0	112	3021	2.1	CB215	T132S4	10	7.8	375	4237	1.1	CB215	T132S2	6.8	3.3	435	9363	0.9	CB250	T112BL4	9.2
12.9	75	3087	2.2	CB215	T132ML6	10	7.8	375	4248	1.1	CB215	T112B2	6.8	3.2	300	9756	0.6	CB215	T132ML6	6.3
12.9	75	3087	1.2	CB180	T132ML6	8.5	7.5	195	4558	1.5	110/215	T132S4	5.6	2.9	508	9701	0.6	CB250	T132S4	8.1
12.9	112	3063	2.1	CB215	T112BL4	10	7.4	195	4626	1.4	110/215	T112BL4	5.6	2.8	508	9836	0.6	CB250	T112BL4	8.1
12.7	115	2978	0.8	CB150	T132S4	5.3	7.3	200	4317	2.3	130/250	T132S4	8.4	2.7	360	11520	0.8	CB250	T132ML6	9.2
12.7	231	2651	0.7	CB150	T132S2	4.1	7.3	200	4533	0.9	110/180	T132S4	5.6	2.6	573	10504	0.6	CB250	T132S4	7.7
12.6	231	2659	0.7	CB150	T112B2	4.1	7.3	200	4605	0.9	130/180	T132S4	8.4	2.5	573	10672	0.6	CB250	T112BL4	7.7
12.5	115	3021	0.8	CB150	T112BL4	5.3	7.3	200	4461	0.6	110/150	T132S4	5.6	2.4	600	9942	1.0	130/250	T132S4	6.8
12.4	78	3251	3.0	CB250	T132ML6	16	7.2	200	4377	2.2	130/250	T112BL4	8.4	2.4	600	10068	1.0	130/250	T112BL4	6.8
12.3	79	2866	1.6	R250	T132ML6	12	7.2	200	4523	0.9	85/180	T112BL4	3.2	2.2	435	13426	0.7	CB250	T132ML6	8.8
12.2	240	2882	2.5	CB250	T132S2	11	7.2	200	4596	0.9	110/180	T112BL4	5.6	1.5	980	17152	0.6	130/250	T112BL4	3.6
12.2	120	3194	2.7	CB250	T132S4	15	7.2	200	4669	0.9	130/180	T112BL4	8.4							
12.2	240	2892	2.5	CB250	T112B2	11	7.2	200	4451	0.6	85/150	T112BL4	3.2							
12.1	80	3250	2.0	CB215	T132ML6	10	7.2	200	4523	0.6	110/150	T112BL4	5.6							
12.1	80	2773	1.2	R215	T132ML6	7.1	7.1	207	4843	1.7	CB250	T132S4	11							
12.1	80	2817	0.7	R180	T132ML6	5.9	7.0	420	4590	0.7	CB180	T132S2	5.2							
12.1	121	3220	1.8	CB215	T132S4	9.6	7.0	207	4905	1.7	CB250	T112BL4	11							
12.0	120	3239	2.7	CB250	T112BL4	15	7.0	420	4610	0.7	CB180	T112B2	5.2							
11.9	121	3266	1.8	CB215	T112BL4	9.6	6.9	213	4907	1.0	CB215	T132S4	7.0							
11.8	248	2980	1.5	CB215	T132S2	7.6	6.9	428	4677	0.9	CB215	T132S2	6.4							
11.8	248	2847	1.0	CB180	T132S2	5.7	6.9	213	4677	0.7	CB180	T132S4	5.2							
11.8	248	2990	1.5	CB215	T112B2	7.6	6.8	428	4698	0.9	CB215	T112B2	6.4							
11.8	124	3213	1.1	CB180	T132S4	7.3	6.8	213	4972	1.0	CB215	T112BL4	7.0							
11.8	248	2856	1.0	CB180	T112B2	5.7	6.8	213	4740	0.7	CB180	T112BL4	5.2							
11.6	124	3258	1.1	CB180	T112BL4	7.3	6.8	434	4436	0.6	CB180	T132S2	4.7							
11.4	85	3315	1.1	CB180	T132ML6	7.3	6.7	435	4910	1.4	CB250	T132S2	10							
11.4	85	3314	0.8	CB150	T132ML6	5.3	6.7	435	4931	1.4	CB250	T112B2	10							
11.2	261	2947	1.0	CB180	T132S2	5.5	6.7	145	5653	1.8	CB250	T132ML6	14							
11.2	261	2957	1.0	CB180	T112B2	5.5	6.6	146	5617	1.2	CB215	T132ML6	8.6							
11.0	267	3112	1.4	CB215	T132S2	7.2	6.5	150	5683	0.7	CB180	T132ML6	6.8							
10.9	267	3121	1.4	CB215	T112B2	7.2	6.1	240	5529	1.5	CB250	T132S4	11						</	



**7.5
kW**

STANDARD *line* Basic

1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		7.5 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		7.5 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		7.5 kW	Ptn kW
419	7	150.6	5.0	R150	T112BL2	12	64	15	984.8	6.1	R250	T160M6	33	34	85	1585	1.7	CB180	T132SL2	8.5
419	7	150.6	3.3	R130	T112BL2	9.1	64	15	973.6	4.0	R215	T160M6	20	34	85	1585	1.2	CB150	T132SL2	6.2
419	7	147.2	2.3	R110	T112BL2	6.0	64	15	951.3	2.3	R180	T160M6	14	34	85	1543	0.8	CB130	T132SL2	4.3
419	7	147.2	1.2	R85	T112BL2	3.4	64	15	928.9	1.6	R150	T160M6	8.8	34	28	1755	1.8	R215	T160M6	16
419	7	147.1	0.6	R70	T112BL2	2.5	60	49	886.3	1.2	R150	T112BL2	5.5	34	28	1608	1.4	R180	T160M6	9.0
417	7	151.1	5.0	R150	T132SL2	12	60	49	862.3	0.8	R130	T112BL2	3.6	33	90	1760	4.3	CB250	T112BL2	19
417	7	151.1	3.3	R130	T132SL2	9.1	60	49	937.5	4.1	R250	T132SL2	18	32	90	1766	4.3	CB250	T132SL2	19
417	7	147.7	2.3	R110	T132SL2	6.0	60	49	889.5	1.8	R180	T132SL2	8.0	32	30	1858	3.1	R250	T160M6	23
293	10	212.7	4.0	R150	T112BL2	11	60	49	889.4	1.1	R150	T132SL2	5.5	30	49	1851	2.7	R250	T132M4	17
293	10	212.7	2.7	R130	T112BL2	8.4	59	50	977.8	1.9	CB150	T112BL2	7.4	30	98	1683	1.8	R250	T132SL2	13
293	10	207.8	1.9	R110	T112BL2	5.6	59	50	965.6	1.2	CB130	T112BL2	5.3	30	49	1779	1.2	R180	T132M4	8.0
293	10	207.8	1.0	R85	T112BL2	3.2	58	50	956.6	2.5	R215	T132SL2	12	30	49	1707	0.8	R150	T132M4	5.5
292	10	215.9	5.5	R180	T132SL2	17	58	50	981.1	1.9	CB150	T132SL2	7.4	29	50	1864	1.7	R215	T132M4	11
292	10	213.4	4.0	R150	T132SL2	11	58	50	968.9	1.2	CB130	T132SL2	5.3	29	100	1717	1.3	R215	T132SL2	8.5
292	10	213.4	2.7	R130	T132SL2	8.4	57	51	997.5	0.6	CB110	T112BL2	4.2	29	50	1913	1.2	CB150	T132M4	6.7
292	10	208.5	1.9	R110	T132SL2	5.6	56	52	1030	6.1	CB250	T112BL2	20	29	100	1594	0.8	R180	T132SL2	5.6
209	7	305.6	4.9	R180	T132M4	19	56	52	1030	2.6	CB180	T112BL2	11	29	50	1913	0.8	CB130	T132M4	5.1
209	7	302.2	3.5	R150	T132M4	12	56	52	1033	6.1	CB250	T132SL2	20	28	52	2015	3.9	CB250	T132M4	18
209	7	302.2	2.3	R130	T132M4	9.1	56	52	1033	2.6	CB180	T132SL2	11	28	52	2015	1.6	CB180	T132M4	9.7
209	7	295.3	1.6	R110	T132M4	6.0	55	53	1050	4.4	CB215	T112BL2	13	28	53	2054	2.7	CB215	T132M4	12
195	15	311.7	3.0	R150	T112BL2	9.9	55	53	1053	4.3	CB215	T132SL2	13	27	107	1962	1.5	CB180	T112BL2	8.2
195	15	308.0	2.0	R130	T112BL2	6.8	52	56	1013	1.0	R150	T112BL2	5.5	27	107	1969	1.5	CB180	T132SL2	8.2
195	15	304.4	1.3	R110	T112BL2	4.6	52	56	986	0.6	R130	T112BL2	3.5	27	109	2105	3.8	CB250	T112BL2	18
195	15	300.7	0.7	R85	T112BL2	2.7	52	28	1168	2.7	R215	T132M4	17	27	109	2112	3.8	CB250	T132SL2	18
195	15	316.4	4.2	R180	T132SL2	15	52	28	1085	1.7	R180	T132M4	9.9	26	112	2136	2.5	CB215	T112BL2	11
195	15	312.7	3.0	R150	T132SL2	9.9	52	56	1017	1.6	R180	T132SL2	7.7	26	112	2143	2.5	CB215	T132SL2	11
195	15	309.1	2.0	R130	T132SL2	6.8	52	28	1044	1.2	R150	T132M4	6.2	26	56	2006	1.0	R180	T132M4	7.7
195	15	305.4	1.3	R110	T132SL2	4.6	52	56	1017	1.0	R150	T132SL2	5.5	26	56	2006	0.7	R150	T132M4	5.5
147	20	410.7	2.6	R150	T112BL2	9.3	52	28	1044	0.8	R130	T132M4	4.5	26	37	2153	1.6	CB180	T160M6	9.3
147	20	405.8	1.7	R130	T112BL2	6.4	51	57	1063	2.1	R215	T132SL2	11	26	57	2070	1.4	R215	T132M4	9.9
147	20	400.9	1.2	R110	T112BL2	4.4	51	58	1120	1.6	CB150	T112BL2	7.1	25	115	2108	1.0	CB150	T112BL2	5.9
146	20	426.8	5.9	R215	T132SL2	20	51	58	1120	1.1	CB130	T112BL2	5.3	25	115	2052	0.6	CB130	T112BL2	4.2
146	10	431.7	3.8	R180	T132M4	17	50	58	1124	1.6	CB150	T132SL2	7.1	25	115	2116	1.0	CB150	T132SL2	5.9
146	20	412.1	3.7	R180	T132SL2	13	50	58	1124	1.1	CB130	T132SL2	5.3	25	115	2059	0.6	CB130	T132SL2	4.2
146	10	426.8	2.8	R150	T132M4	11	49	30	1236	3.9	R250	T132M4	25	25	38	2240	3.6	CB250	T160M6	18
146	20	412.1	2.6	R150	T132SL2	9.3	49	60	1133	3.2	R250	T132SL2	17	25	58	2191	1.0	CB150	T132M4	6.4
146	10	426.8	1.9	R130	T132M4	8.4	48	20	1268	4.5	R250	T160M6	26	25	58	2191	0.7	CB130	T132M4	4.9
146	20	407.2	1.7	R130	T132SL2	6.4	48	20	1268	3.1	R215	T160M6	17	24	120	2229	3.2	CB250	T112BL2	16
146	10	417.0	1.3	R110	T132M4	5.6	48	20	1239	1.9	R180	T160M6	12	24	120	2237	3.2	CB250	T132SL2	16
137	7	464.8	6.2	R215	T160M6	23	47	62	1228	5.5	CB250	T112BL2	20	24	60	2237	2.1	R250	T132M4	17
137	7	459.6	4.0	R180	T160M6	17	47	62	1212	4.0	CB215	T112BL2	13	24	121	2249	2.2	CB215	T112BL2	10
137	7	454.4	2.9	R150	T160M6	11	47	62	1212	2.2	CB180	T112BL2	10	24	121	2256	2.2	CB215	T132SL2	10
105	28	527.1	1.8	R150	T112BL2	6.2	47	62	1232	5.4	CB250	T132SL2	20	24	40	2298	2.5	R250	T160M6	17
105	28	520.2	1.2	R130	T112BL2	4.5	47	62	1217	3.9	CB215	T132SL2	13	24	40	2298	1.6	R215	T160M6	11
105	28	527.0	0.8	R110	T112BL2	3.3	47	62	1217	2.1	CB180	T132SL2	10	24	40	2179	1.1	R180	T160M6	7.7
104	28	590.6	4.1	R215	T132SL2	18	42	69	1286	1.9	R215	T132SL2	11	24	40	2328	1.0	CB150	T160M6	6.7
104	28	549.4	2.5	R180	T132SL2	9.9	42	70	1198	0.8	R150	T112BL2	4.5	24	40	2298	0.7	CB130	T160M6	4.7
104	28	528.8	1.8	R150	T132SL2	6.2	42	70	1236	2.8	R250	T132SL2	14	24	124	2273	1.3	CB180	T112BL2	8.2
104	28	522.0	1.2	R130	T132SL2	4.5	42	70	1236	1.2	R180	T132SL2	6.5	24	62	2403	3.5	CB250	T132M4	18
97	30	625.5	5.8	R250	T132SL2	26	42	70	1202	0.8	R150	T132SL2	4.5	24	62	2372	2.5	CB215	T132M4	11
97	15	647.6	5.1	R215	T132M4	21	41	72	1391	1.4	CB150	T112BL2	7.1	24	62	2372	1.3	CB180	T132M4	9.3
97	15	632.9	2.8	R180	T132M4	15	41	72	1373	0.9	CB130	T112BL2	5.1	24	124	2281	1.3	CB180	T132SL2	8.2
97	15	625.5	2.0	R150	T132M4	9.9	41	72	1395	1.4	CB150	T132SL2	7.1	23	42	2444</				



1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n ₂ min ⁻¹	ir	T2 Nm	FS'		7.5 kW	 Ptn kW	n ₂ min ⁻¹	ir	T2 Nm	FS'		7.5 kW	 Ptn kW	n ₂ min ⁻¹	ir	T2 Nm	FS'		9.2 kW	 Ptn kW
18.0	162	2663	0.7	CB150	T132SL2	4.5	7.8	375	5778	0.8	CB215	T112BL2	6.8	209	7	379.1	6.3	R215	T132ML4	26
17.2	85	3085	1.1	CB180	T132M4	7.9	7.8	375	5793	0.8	CB215	T132SL2	6.8	209	7	374.9	4.0	R180	T132ML4	19
17.2	85	3043	0.8	CB150	T132M4	5.5	7.7	124	6570	0.6	CB180	T160M6	7.0	209	7	370.7	2.9	R150	T132ML4	12
17.1	56	2967	0.8	R180	T160M6	7.2	7.5	195	6215	1.1	110/215	T132M4	5.6	209	7	370.7	1.9	R130	T132ML4	9.1
16.8	174	2680	1.7	CB215	T112BL2	6.8	7.3	200	5887	1.7	130/250	T132M4	8.4	209	7	362.3	1.3	R110	T132ML4	6.0
16.8	57	3020	1.1	R215	T160M6	8.8	7.3	200	6181	0.7	110/180	T132M4	5.6	146	10	535.6	5.7	R215	T132ML4	23
16.8	174	2892	1.0	CB180	T112BL2	6.4	7.3	200	6279	0.7	130/180	T132M4	8.4	146	10	529.6	3.1	R180	T132ML4	17
16.8	174	2689	1.7	CB215	T132SL2	6.8	7.1	207	6603	1.2	CB250	T132M4	11	146	10	523.6	2.3	R150	T132ML4	11
16.8	174	2903	1.0	CB180	T132SL2	6.4	6.9	213	6692	0.8	CB215	T132M4	7.0	146	10	523.5	1.5	R130	T132ML4	8.4
16.6	177	3203	2.2	CB250	T112BL2	15	6.9	428	6378	0.7	CB215	T112BL2	6.4	146	10	511.5	1.1	R110	T132ML4	5.5
16.6	58	3289	0.8	CB150	T160M6	6.2	6.8	428	6407	0.7	CB215	T132SL2	6.4	97	15	803.4	6.2	R250	T132ML4	36
16.5	177	3212	2.2	CB250	T132SL2	15	6.7	435	6695	1.0	CB250	T112BL2	10	97	15	794.4	4.2	R215	T132ML4	21
16.2	90	3444	2.7	CB250	T132M4	17	6.7	435	6725	1.0	CB250	T132SL2	10	97	15	776.3	2.3	R180	T132ML4	15
16.0	60	3313	1.7	R250	T160M6	15	6.6	145	7790	1.3	CB250	T160M6	14	97	15	767.3	1.7	R150	T132ML4	10
15.5	62	3609	2.6	CB250	T160M6	17	6.6	146	7728	0.9	CB215	T160M6	8.6	97	15	758.2	1.1	R130	T132ML4	6.8
15.5	62	3563	1.8	CB215	T160M6	11	6.1	240	7540	1.1	CB250	T132M4	11	97	15	740.3	0.7	R110	T132ML4	4.6
15.5	62	3563	1.0	CB180	T160M6	8.9	5.9	248	7661	0.7	CB215	T132M4	6.8	73	20	1035	4.6	R250	T132ML4	28
14.9	98	3317	1.2	R250	T132M4	13	5.8	508	7076	0.7	CB250	T112BL2	8.8	73	20	1035	3.2	R215	T132ML4	18
14.6	100	3336	0.8	R215	T132M4	8.0	5.8	508	7101	0.7	CB250	T132SL2	8.8	73	20	1011	2.0	R180	T132ML4	13
14.5	202	3261	0.6	CB150	T112BL2	4.4	5.5	174	8175	0.8	CB215	T160M6	6.8	73	20	1011	1.4	R150	T132ML4	9.3
14.5	202	3269	0.6	CB150	T132SL2	4.4	5.5	267	7988	0.6	CB215	T132M4	6.4	73	20	999	0.9	R130	T132ML4	6.4
14.2	207	3442	2.0	CB250	T112BL2	12	5.4	177	9251	1.0	CB250	T160M6	13	52	28	1432	2.2	R215	T132ML4	17
14.1	207	3452	2.0	CB250	T132SL2	12	5.1	573	7709	0.7	CB250	T112BL2	8.4	52	28	1331	1.4	R180	T132ML4	10
13.9	69	3656	1.0	R215	T160M6	8.8	5.1	573	7724	0.7	CB250	T132SL2	8.4	52	28	1281	1.0	R150	T132ML4	6.2
13.8	213	3540	1.2	CB215	T112BL2	7.8	5.0	290	8828	1.0	CB250	T132M4	11	52	28	1281	0.6	R130	T132ML4	4.5
13.8	213	3383	0.8	CB180	T112BL2	5.8	5.0	293	8773	0.8	110/215	T132M4	5.6	49	30	1516	3.2	R250	T132ML4	25
13.7	70	3553	1.4	R250	T160M6	12	4.9	300	8971	1.2	130/250	T132M4	8.4	39	37	1781	1.7	CB180	T132ML4	10
13.7	213	3552	1.2	CB215	T132SL2	7.8	4.9	300	9118	0.6	CB215	T132M4	6.6	38	38	1830	3.9	CB250	T132ML4	19
13.7	213	3396	0.8	CB180	T132SL2	5.8	4.6	207	9725	0.9	CB250	T160M6	10	37	40	1902	2.6	R250	T132ML4	19
13.7	70	3448	0.6	R180	T160M6	6.1	4.1	360	10761	0.8	CB250	T132M4	9.7	37	40	1902	1.6	R215	T132ML4	12
13.6	107	3834	0.9	CB180	T132M4	7.6	4.0	240	11281	0.8	CB250	T160M6	10	37	40	1805	1.1	R180	T132ML4	8.3
13.4	109	4172	2.3	CB250	T132M4	17	3.7	400	10400	1.0	130/250	T132M4	6.4	37	40	1902	1.1	CB150	T132ML4	7.1
13.3	72	4030	0.6	CB150	T160M6	5.9	3.4	435	12576	0.6	CB250	T132M4	9.2	37	40	1805	0.8	R150	T132ML4	6.0
13.0	112	4120	1.5	CB215	T132M4	10	3.3	290	12984	0.7	CB250	T160M6	10	37	40	1878	0.7	CB130	T132ML4	5.1
12.8	75	4253	1.6	CB215	T160M6	10	2.7	360	15829	0.6	CB250	T160M6	9.2	35	42	1997	2.6	CB215	T132ML4	12
12.8	75	4253	0.9	CB180	T160M6	8.5	2.4	600	13558	0.8	130/250	T132M4	6.8	30	49	2270	2.2	R250	T132ML4	17
12.7	115	4061	0.6	CB150	T132M4	5.3							30	49	2182	1.0	R180	T132ML4	8.0	
12.3	78	4480	2.2	CB250	T160M6	16							30	49	2093	0.6	R150	T132ML4	5.5	
12.2	240	3930	1.8	CB250	T112BL2	11							29	50	2287	1.4	R215	T132ML4	11	
12.2	120	4355	2.0	CB250	T132M4	15							29	50	2347	0.9	CB150	T132ML4	6.7	
12.2	240	3943	1.8	CB250	T132SL2	11							29	50	2347	0.6	CB130	T132ML4	5.1	
12.2	79	3950	1.1	R250	T160M6	12							28	52	2472	3.2	CB250	T132ML4	18	
12.1	121	4391	1.4	CB215	T132M4	9.6							28	52	2472	1.3	CB180	T132ML4	10	
12.0	80	4477	1.4	CB215	T160M6	10							28	53	2519	2.2	CB215	T132ML4	12	
12.0	80	3820	0.8	R215	T160M6	7.1							26	56	2460	0.9	R180	T132ML4	7.7	
11.8	248	4064	1.1	CB215	T112BL2	7.6							26	57	2539	1.2	R215	T132ML4	10	
11.8	248	3882	0.7	CB180	T112BL2	5.7							25	58	2688	0.8	CB150	T132ML4	6.4	
11.8	248	4077	1.1	CB215	T132SL2	7.6							24	60	2745	1.7	R250	T132ML4	17	
11.8	124	4382	0.8	CB180	T132M4	7.3							24	62	2947	2.8	CB250	T132ML4	18	
11.8	248	3894	0.7	CB180	T132SL2	5.7							24	62	2910	2.0	CB215	T132ML4	11	
11.3	85	4568	0.8	CB180	T160M6	7.3							24	62	2910	1.1	CB180	T132ML4	9.3	
11.2	261	4018	0.7	CB180	T112BL2	5.5							21	69	3073	1.0	R215	T132ML4	10	
11.2	261	4032	0.7	CB180	T132SL2	5.5							21	70	2991	1.5	R250	T132ML4	14	
11.0	267	4244	1.0	CB215	T112BL2	7.2							21	70	2864	0.7	R180	T132ML4	6.5	
10.9	267	4255	1.0	CB215	T132SL2	7.2							20	72	3336	0.7	CB150	T132ML4	6.4	
10.7	136	4468	1.4	110/215	T132M4	6.0														

**9.2
kW****11.0
kW****STANDARD line Basic**

1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		9.2 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		11.0 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		11.0 kW	Ptn kW
7.5	195	7624	0.9	110/215	T132ML4	5.6	424	7	220.4	4.6	R180	T160MA2	19	61	49	1352	2.8	R250	T160MA2	18
7.3	200	7221	1.4	130/250	T132ML4	8.4	424	7	217.9	3.5	R150	T160MA2	12	61	49	1283	1.2	R180	T160MA2	8
7.1	207	8100	1.0	CB250	T132ML4	11	420	7	222.6	4.6	R180	T132M2	19	60	49	1366	2.8	R250	T132M2	18
6.9	213	8209	0.6	CB215	T132ML4	7.0	420	7	220.1	3.4	R150	T132M2	12	60	49	1296	1.2	R180	T132M2	8
6.1	240	9249	0.9	CB250	T132ML4	11	420	7	220.1	2.3	R130	T132M2	9	60	49	1296	0.8	R150	T132M2	6
5.0	290	10829	0.8	CB250	T132ML4	11	420	7	215.1	1.6	R110	T132M2	6	59	50	1380	1.7	R215	T160MA2	12
5.0	293	10761	0.7	110/215	T132ML4	5.6	297	10	311.3	3.8	R180	T160MA2	17	59	50	1415	1.3	CB150	T160MA2	7
4.9	300	11005	1.0	130/250	T132ML4	8.4	297	10	307.7	2.8	R150	T160MA2	11	59	50	1397	0.9	CB130	T160MA2	5
4.1	360	13200	0.7	CB250	T132ML4	10	294	10	314.4	3.8	R180	T132M2	17	59	50	1394	1.7	R215	T132M2	12
3.7	400	12758	0.8	130/250	T132ML4	6.4	294	10	310.9	2.7	R150	T132M2	11	59	50	1429	1.3	CB150	T132M2	7
2.4	600	16631	0.6	130/250	T132ML4	6.8	294	10	310.9	1.8	R130	T132M2	8	59	50	1411	0.8	CB130	T132M2	5
							294	10	303.7	1.3	R110	T132M2	6	57	52	1490	4.2	CB250	T160MA2	20
							210	7	450.2	5.3	R215	T160M4	26	57	52	1490	1.8	CB180	T160MA2	11
							210	7	445.2	3.4	R180	T160M4	19	57	52	1505	4.2	CB250	T132M2	20
							210	7	440.2	2.4	R150	T160M4	12	57	52	1505	1.8	CB180	T132M2	11
							198	15	466.9	5.1	R215	T160MA2	21	56	53	1518	3.0	CB215	T160MA2	13
							198	15	456.3	2.9	R180	T160MA2	15	55	53	1534	3.0	CB215	T132M2	13
							198	15	451.0	2.1	R150	T160MA2	10	53	56	1466	1.1	R180	T160MA2	8
							196	15	471.7	5.1	R215	T132M2	21	53	28	1701	1.9	R215	T160M4	17
							196	15	460.9	2.9	R180	T132M2	15	53	28	1581	1.2	R180	T160M4	10
							196	15	455.6	2.1	R150	T132M2	10	53	56	1481	1.1	R180	T132M2	8
							196	15	450.2	1.4	R130	T132M2	7	53	56	1481	0.7	R150	T132M2	6
							196	15	444.9	0.9	R110	T132M2	5	52	57	1532	1.5	R215	T160MA2	11
							149	20	608.4	5.8	R250	T160MA2	28	52	57	1548	1.5	R215	T132M2	11
							149	20	615.4	4.1	R215	T160MA2	20	51	58	1621	1.1	CB150	T160MA2	7
							149	20	594.2	2.6	R180	T160MA2	13	51	58	1621	0.7	CB130	T160MA2	5
							147	20	614.6	5.7	R250	T132M2	28	51	58	1637	1.1	CB150	T132M2	7
							147	10	636.0	4.8	R215	T160M4	23	51	58	1637	0.7	CB130	T132M2	5
							147	20	621.7	4.0	R215	T132M2	20	50	60	1634	2.2	R250	T160MA2	17
							147	10	628.9	2.6	R180	T160M4	17	49	30	1801	2.7	R250	T160M4	25
							147	20	600.3	2.5	R180	T132M2	13	49	60	1651	2.2	R250	T132M2	17
							147	10	621.7	1.9	R150	T160M4	11	48	20	1860	3.1	R250	T160L6	26
							147	20	600.3	1.8	R150	T132M2	9	48	20	1860	2.1	R215	T160L6	17
							147	20	593.1	1.2	R130	T132M2	6	48	20	1816	1.3	R180	T160L6	12
							137	7	681.7	5.9	R250	T160L6	36	48	62	1776	3.8	CB250	T160MA2	20
							137	7	681.7	4.3	R215	T160L6	23	48	62	1755	2.7	CB215	T160MA2	13
							137	7	674.1	2.7	R180	T160L6	17	48	62	1755	1.5	CB180	T160MA2	10
							137	7	666.4	2.0	R150	T160L6	11	47	62	1794	3.7	CB250	T132M2	20
							134	11	699.6	6.1	R250	T160M4	36	47	62	1772	2.7	CB215	T132M2	13
							106	28	851.7	2.8	R215	T160MA2	18	47	62	1772	1.5	CB180	T132M2	10
							106	28	792.3	1.8	R180	T160MA2	10	43	69	1855	1.3	R215	T160MA2	11
							105	28	860.4	2.8	R215	T132M2	18	43	69	1874	1.3	R215	T132M2	11
							105	28	800.4	1.7	R180	T132M2	10	42	70	1783	1.9	R250	T160MA2	14
							105	28	770.4	1.3	R150	T132M2	6	42	70	1783	0.8	R180	T160MA2	6
							105	28	760.4	0.8	R130	T132M2	5	42	70	1801	1.9	R250	T132M2	14
							99	30	901.9	4.0	R250	T160MA2	26	42	70	1801	0.8	R180	T132M2	6
							98	15	954.0	5.2	R250	T160M4	36	41	72	2012	1.0	CB150	T160MA2	7
							98	30	911.1	4.0	R250	T132M2	26	41	72	1986	0.6	CB130	T160MA2	5
							98	15	943.3	3.5	R215	T160M4	21	41	72	2033	1.0	CB150	T132M2	7
							98	15	921.9	2.0	R180	T160M4	15	41	72	2007	0.6	CB130	T132M2	5
							98	15	911.2	1.4	R150	T160M4	10	40	37	2115	1.4	CB180	T160M4	10
							96	10	963.0	3.8	R215	T160L6	21	40	75	2122	2.4	CB215	T160MA2	13
							96	10	952.0	2.1	R180	T160L6	16	40	75	2096	1.3	CB180	T160MA2	10
							96	10	941.1	1.5	R150	T160L6	11	39	75	2144	2.4	CB215	T132M2	13
							87	11	1071	4.8	R250	T160L6	36	39	75	2117	1.3	CB180	T132M2	10
							80	37	1060	2.2	CB180	T160MA2	11	39	38	2173	3.2	CB250	T160M4	19
							79	37	1071	2.2	CB180	T132M2	11	38	78	2207	3.3	CB250	T160MA2	19
							78	38	1102	5.0	CB250	T160MA2	21	38	78	2230	3.2	CB250	T132M2	19
							77	38	1113	4.9	CB250	T132M2	21	38	79	1956	1.5	R250	T160MA2	13
							74	40	1132	3.4	R250	T160MA2	20	37	79	1976	1.5	R250	T132M2	13
							74	40	1146	2.1	R215	T160MA2	13	37	80	2236	2.1	CB215	T160MA2	12
							74	40	1146	1.5	CB150	T160MA2	8	37	80	1981	1.1	R215	T160MA2	9
							74	40	1061	1.4	R180	T160MA2	8	37	40	2258	2.2	R250	T160M4	19
							74	40	1132	1.0	CB130	T160MA2	6	37	80	2258	2.1	CB215	T132M2	12
							74	20	1229	3.9	R250	T160M4	28	37	40	2258	1.4	R215	T160M4	12
							74	40	1143	3.3	R250	T132M2	20	37	80	2001	1.1	R215	T132M2	9
							74	20	1229	2.7	R215	T160M4	18	37	40	2144	0.9	R180	T160M4	8
							74	40	1158	2.1	R215	T132M2	13	37	40	2258	0.9	CB150	T160M4	7
							74	20	1201	1.7	R180	T160M4	13	37	80	1972	0.7	R180	T132M2	6
							74	40	1158	1.5	CB150	T132M2	8	37	40	2230	0.6	CB130	T160M4	5
							74	40	1072	1.4	R180	T132M2	8	35	42	2371	2.2	CB215	T160M4	12
							74	40	1086	1.0	R150	T132M2	6	35	85	2285	1.2	CB180	T160MA2	9
							74	40	1143	1.0	CB130	T132M2	6	35	85	2285	0.8	CB150	T160MA2	6
							74	40	1058	0.7	R130	T132M2	4	35	85	2308	1.2	CB180	T132M2	9
							71	42	1203	3.5	CB215	T160MA2	13	35	85	2308	0.8	CB150	T132M2	6
							70	42	1216	3.5	CB215	T132M2	13	34	28	2574	1.2	R215	T160L6	16
							64	15	1444	4.2	R250	T160L6	33	34	28	2359	0.9	R180	T160L6	9
							64	15	1428	2.7	R215	T160L6	20	33	90	2547	3.0	CB250	T160MA2	19
							64	15	1395											



1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		11.0 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		11.0 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		15.0 kW	Ptn kW
30	98	2426	1.2	R250	T160MA2	13	13.5	109	6074	1.6	CB250	T160M4	17	423	7	304.9	5.4	R215	T160MB2	26
30	49	2696	1.9	R250	T160M4	17	13.1	112	6005	1.1	CB215	T160M4	10	423	7	301.5	3.4	R180	T160MB2	19
30	98	2451	1.2	R250	T132M2	13	12.8	75	6238	1.1	CB215	T160L6	10	423	7	298.1	2.5	R150	T160MB2	12
30	49	2591	0.8	R180	T160M4	8	12.4	240	5685	1.3	CB250	T160MA2	11	420	7	307.0	5.4	R215	T132ML2	26
30	100	2476	0.9	R215	T160MA2	9	12.3	78	6571	1.5	CB250	T160L6	16	420	7	303.6	3.3	R180	T132ML2	19
29	50	2716	1.2	R215	T160M4	11	12.3	120	6346	1.4	CB250	T160M4	15	420	7	300.1	2.5	R150	T132ML2	12
29	100	2501	0.9	R215	T132M2	9	12.3	240	5746	1.2	CB250	T132M2	11	420	7	300.1	1.7	R130	T132ML2	9
29	50	2787	0.8	CB150	T160M4	7	12.2	121	6398	0.9	CB215	T160M4	10	420	7	293.3	1.2	R110	T132ML2	6
28	52	2936	2.7	CB250	T160M4	18	12.2	79	5793	0.8	R250	T160L6	12	296	10	430.7	5.0	R215	T160MB2	23
28	52	2936	1.1	CB180	T160M4	10	12.0	80	6566	1.0	CB215	T160L6	10	296	10	425.9	2.8	R180	T160MB2	17
28	107	2838	1.0	CB180	T160MA2	8	12.0	248	5875	0.8	CB215	T160MA2	8	296	10	421.0	2.0	R150	T160MB2	11
28	53	2992	1.9	CB215	T160M4	12	11.9	248	5940	0.8	CB215	T132M2	8	294	10	433.6	5.0	R215	T132ML2	23
27	107	2867	1.0	CB180	T132M2	8	11.1	267	6140	0.7	CB215	T160MA2	7	294	10	428.8	2.8	R180	T132ML2	17
27	109	3046	2.6	CB250	T160MA2	18	11.0	267	6202	0.7	CB215	T132M2	7	294	10	423.9	2.0	R150	T132ML2	11
27	109	3077	2.6	CB250	T132M2	18	10.7	90	7581	1.3	CB250	T160L6	16	294	10	423.9	1.4	R130	T132ML2	8
27	112	3090	1.7	CB215	T160MA2	11	10.2	290	6668	1.1	CB250	T160MA2	11	294	10	414.2	0.9	R110	T132ML2	6
26	112	3121	1.7	CB215	T132M2	11	10.1	145	7666	1.2	CB250	T160M4	15	269	11	473.8	6.4	R250	T160MB2	36
26	56	2922	0.7	R180	T160M4	8	10.1	290	6734	1.1	CB250	T132M2	11	267	11	477.0	6.4	R250	T132ML2	36
26	37	3158	1.1	CB180	T160L6	9	10.1	146	7615	0.8	CB215	T160M4	9	211	7	609.8	5.2	R250	T160L4	40
26	115	3050	0.7	CB150	T160MA2	6	9.9	300	7003	0.7	CB215	T160MA2	7	211	7	609.8	3.9	R215	T160L4	26
26	57	3014	1.0	R215	T160M4	10	9.8	300	7075	0.7	CB215	T132M2	7	211	7	603.0	2.5	R180	T160L4	19
26	115	3081	0.7	CB150	T132M2	6	9.8	98	7182	0.6	R250	T160L6	12	211	7	596.2	1.8	R150	T160L4	12
25	58	3192	0.7	CB150	T160M4	6	8.8	109	9181	1.1	CB250	T160L6	16	197	15	646.1	5.6	R250	T160MB2	36
25	38	3285	2.4	CB250	T160L6	18	8.6	112	9071	0.8	CB215	T160L6	10	197	15	638.8	3.8	R215	T160MB2	21
25	120	3226	2.2	CB250	T160MA2	16	8.5	174	7832	0.7	CB215	T160M4	7	197	15	624.3	2.1	R180	T160MB2	15
25	121	3252	1.5	CB215	T160MA2	10	8.3	177	9102	0.9	CB250	T160M4	14	197	15	617.1	1.5	R150	T160MB2	10
25	120	3259	2.2	CB250	T132M2	16	8.3	360	8150	0.9	CB250	T160MA2	11	196	15	650.5	5.5	R250	T132ML2	36
25	60	3259	1.4	R250	T160M4	17	8.2	360	8230	0.9	CB250	T132M2	11	196	15	643.2	3.7	R215	T132ML2	21
24	121	3286	1.5	CB215	T132M2	10	8.0	120	9586	1.0	CB250	T160L6	14	196	15	628.5	2.1	R180	T132ML2	15
24	40	3370	1.7	R250	T160L6	17	7.9	121	9537	0.7	CB215	T160L6	9	196	15	621.2	1.5	R150	T132ML2	10
24	40	3370	1.1	R215	T160L6	11	7.1	207	9617	0.9	CB250	T160M4	11	196	15	613.9	1.0	R130	T132ML2	7
24	40	3195	0.7	R180	T160L6	8	6.8	435	9690	0.7	CB250	T160MA2	10	196	15	606.6	0.7	R110	T132ML2	5
24	40	3414	0.7	CB150	T160L6	7	6.8	435	9791	0.7	CB250	T132M2	10	148	20	832.4	4.2	R250	T160MB2	28
24	124	3290	0.9	CB180	T160MA2	8	6.6	145	11425	0.9	CB250	T160L6	14	148	10	861.4	3.5	R215	T160L4	23
24	62	3500	2.4	CB250	T160M4	18	6.6	146	11335	0.6	CB215	T160L6	9	148	20	842.1	3.0	R215	T160MB2	20
24	62	3456	1.7	CB215	T160M4	11	6.1	240	10986	0.8	CB250	T160M4	11	148	10	851.7	1.9	R180	T160L4	17
24	62	3456	0.9	CB180	T160M4	9	5.4	177	13568	0.7	CB250	T160L6	13	148	20	813.0	1.9	R180	T160MB2	13
24	124	3323	0.9	CB180	T132M2	8	5.1	290	12847	0.7	CB250	T160M4	11	148	10	842.1	1.4	R150	T160L4	11
23	42	3584	1.7	CB215	T160L6	11	4.6	207	14264	0.6	CB250	T160L6	10	147	20	838.1	4.2	R250	T132ML2	28
21	69	3650	0.8	R215	T160M4	10								147	20	847.8	2.9	R215	T132ML2	20
21	70	3552	1.2	R250	T160M4	14								147	20	818.6	1.9	R180	T132ML2	13
20	145	3898	1.9	CB250	T160MA2	16								147	20	818.6	1.3	R150	T132ML2	9
20	146	3925	1.3	CB215	T160MA2	10								147	20	808.8	0.8	R130	T132ML2	6
20	145	3937	1.9	CB250	T132M2	16								139	7	920.1	4.3	R250	T180L6	36
20	146	3964	1.3	CB215	T132M2	10								139	7	920.1	3.2	R215	T180L6	23
20	150	3926	0.8	CB180	T160MA2	8								139	7	909.7	2.0	R180	T180L6	17
20	75	4181	1.5	CB215	T160M4	11								135	11	947.5	4.5	R250	T160L4	36
20	75	4127	0.8	CB180	T160M4	9								106	28	1165	2.1	R215	T160MB2	18
20	150	3966	0.8	CB180	T132M2	8								106	28	1084	1.3	R180	T160MB2	10
20	49	4022	1.4	R250	T160L6	16								105	28	1173	2.0	R215	T132ML2	18
20	49	3861	0.6	R180	T160L6	7								105	28	1091	1.3	R180	T132ML2	10
19.2	50	4049	0.9	R215	T160L6	10								105	28	1051	0.9	R150	T132ML2	6
18.9	78	4347	2.0	CB250	T160M4	17								99	15	1292	3.9	R250	T160L4	36
18.6	79	3895	1.0	R250	T160M4	13								99	30	1234	2.9	R250	T160MB2	26
18.5	52	4439	2.0	CB250	T160L6	17								99	15	1278	2.6	R215	T160L4	21
18.5	52	4439	0.8	CB180	T160L6	9								99	15	1249	1.4	R180	T160L4	15
18.4	80	4344	1.3	CB215	T160M4	10														



15.0
kW

18.5
kW

STANDARD *line* Basic

1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		15.0 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		15.0 kW	 Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		18.5 kW	 Ptn kW
70	42	1658	2.5	CB215	T132ML2	13	28	52	3976	2.0	CB250	T160L4	18	423	7	376.0	5.9	R250	T160L2	40
65	15	1949	3.1	R250	T180L6	33	28	52	3976	0.8	CB180	T160L4	10	423	7	376.0	4.4	R215	T160L2	26
65	15	1927	2.0	R215	T180L6	20	28	53	4053	1.4	CB215	T160L4	12	423	7	371.9	2.7	R180	T160L2	19
65	15	1883	1.1	R180	T180L6	14	28	107	3884	0.7	CB180	T160MB2	8	423	7	367.7	2.1	R150	T160L2	12
60	49	1850	2.1	R250	T160MB2	18	27	107	3910	0.7	CB180	T132ML2	8	296	10	531.2	4.1	R215	T160L2	23
60	49	1755	0.9	R180	T160MB2	8	27	109	4167	1.9	CB250	T160MB2	18	296	10	525.3	2.3	R180	T160L2	17
60	49	1862	2.0	R250	T132ML2	18	27	109	4196	1.9	CB250	T132ML2	18	296	10	519.3	1.6	R150	T160L2	11
60	49	1767	0.9	R180	T132ML2	8	26	112	4228	1.3	CB215	T160MB2	11	269	11	584.3	5.2	R250	T160L2	36
59	50	1887	1.3	R215	T160MB2	12	26	112	4257	1.2	CB215	T132ML2	11	210	7	757.2	4.2	R250	T180M4	40
59	50	1936	0.9	CB150	T160MB2	7	26	37	4262	0.8	CB180	T180L6	9	210	7	757.2	3.2	R215	T180M4	26
59	50	1912	0.6	CB130	T160MB2	5	26	57	4083	0.7	R215	T160L4	10	210	7	748.8	2.0	R180	T180M4	19
59	50	1900	1.3	R215	T132ML2	12	26	38	4433	1.8	CB250	T180L6	18	197	15	796.8	4.5	R250	T160L2	36
59	50	1949	0.9	CB150	T132ML2	7	25	120	4413	1.6	CB250	T160MB2	16	197	15	787.9	3.0	R215	T160L2	21
59	50	1925	0.6	CB130	T132ML2	5	25	60	4413	1.1	R250	T160L4	17	197	15	770.0	1.7	R180	T160L2	15
57	52	2039	3.1	CB250	T160MB2	20	25	120	4444	1.6	CB250	T132ML2	16	197	15	761.0	1.2	R150	T160L2	10
57	52	2039	1.3	CB180	T160MB2	11	24	121	4451	1.1	CB215	T160MB2	10	148	20	1027	3.4	R250	T160L2	28
57	52	2052	3.1	CB250	T132ML2	20	24	121	4480	1.1	CB215	T132ML2	10	148	20	1039	2.4	R215	T160L2	20
57	52	2052	1.3	CB180	T132ML2	11	24	40	4549	1.3	R250	T180L6	17	148	20	1003	1.5	R180	T160L2	13
56	53	2078	2.2	CB215	T160MB2	13	24	40	4549	0.8	R215	T180L6	11	147	10	1070	2.8	R215	T180M4	23
55	53	2092	2.2	CB215	T132ML2	13	24	62	4741	1.8	CB250	T160L4	18	147	10	1058	1.6	R180	T180M4	17
53	28	2304	1.4	R215	T160L4	17	24	62	4681	1.3	CB215	T160L4	11	139	7	1129	3.5	R250	T200LA6	36
53	28	2141	0.9	R180	T160L4	10	24	62	4681	0.7	CB180	T160L4	9	139	7	1129	2.6	R215	T200LA6	23
53	56	2005	0.8	R180	T160MB2	8	24	124	4501	0.7	CB180	T160MB2	8	134	11	1177	3.6	R250	T180M4	36
53	56	2019	0.8	R180	T132ML2	8	24	124	4531	0.7	CB180	T132ML2	8	106	28	1437	1.7	R215	T160L2	18
52	57	2097	1.1	R215	T160MB2	11	23	42	4837	1.2	CB215	T180L6	11	106	28	1337	1.0	R180	T160L2	10
52	57	2111	1.1	R215	T132ML2	11	21	69	4942	0.6	R215	T160L4	10	99	30	1522	2.4	R250	T160L2	26
51	58	2218	0.8	CB150	T160MB2	7	21	70	4811	0.9	R250	T160L4	14	98	15	1605	3.1	R250	T180M4	36
51	58	2233	0.8	CB150	T132ML2	7	20	145	5334	1.4	CB250	T160MB2	16	98	15	1587	2.1	R215	T180M4	21
49	30	2439	2.0	R250	T160L4	25	20	145	5369	1.4	CB250	T132ML2	16	98	15	1550	1.2	R180	T180M4	15
49	60	2236	1.6	R250	T160MB2	17	20	146	5371	1.0	CB215	T160MB2	10	98	10	1595	2.3	R215	T200LA6	21
49	60	2251	1.6	R250	T132ML2	17	20	146	5406	1.0	CB215	T132ML2	10	89	11	1774	2.9	R250	T200LA6	36
49	20	2511	2.3	R250	T180L6	26	20	49	5426	1.1	R250	T180L6	16	80	37	1789	1.3	CB180	T160L2	11
49	20	2511	1.6	R215	T180L6	17	20	75	5663	1.1	CB215	T160L4	11	78	38	1860	3.0	CB250	T160L2	21
48	62	2431	2.8	CB250	T160MB2	20	19.4	50	5464	0.7	R215	T180L6	10	74	40	1910	2.0	R250	T160L2	20
48	62	2401	2.0	CB215	T160MB2	13	19.0	78	5890	1.5	CB250	T160L4	17	74	40	1934	1.2	R215	T160L2	13
48	62	2401	1.1	CB180	T160MB2	10	18.7	79	5277	0.7	R250	T160L4	13	74	40	1934	0.9	CB150	T160L2	8
47	62	2447	2.7	CB250	T132ML2	20	18.7	52	5991	1.5	CB250	T180L6	17	74	40	1791	0.9	R180	T160L2	8
47	62	2417	2.0	CB215	T132ML2	13	18.7	52	5991	0.6	CB180	T180L6	9	74	20	2067	2.3	R250	T180M4	28
47	62	2417	1.1	CB180	T132ML2	10	18.5	80	5885	1.0	CB215	T160L4	10	74	20	2067	1.6	R215	T180M4	18
43	69	2538	0.9	R215	T160MB2	11	18.3	53	6028	1.0	CB215	T180L6	11	70	42	2030	2.1	CB215	T160L2	13
43	69	2555	0.9	R215	T132ML2	11	17.0	174	5306	0.9	CB215	T160MB2	7	65	15	2392	2.5	R250	T200LA6	33
42	70	2439	1.4	R250	T160MB2	14	16.9	174	5340	0.9	CB215	T132ML2	7	65	15	2365	1.6	R215	T200LA6	20
42	70	2439	0.6	R180	T160MB2	6	16.7	177	6340	1.1	CB250	T160MB2	15	60	49	2281	1.7	R250	T160L2	18
42	70	2456	1.4	R250	T132ML2	14	16.6	177	6382	1.1	CB250	T132ML2	15	60	49	2164	0.7	R180	T160L2	8
42	70	2456	0.6	R180	T132ML2	6	16.4	90	6797	1.3	CB250	T160L4	17	59	50	2328	1.0	R215	T160L2	12
41	72	2753	0.7	CB150	T160MB2	7	16.2	60	6555	0.8	R250	T180L6	15	59	50	2388	0.8	CB150	T160L2	7
41	72	2772	0.7	CB150	T132ML2	7	15.7	62	7140	1.3	CB250	T180L6	17	57	52	2514	2.5	CB250	T160L2	20
40	37	2865	1.0	CB180	T160L4	10	15.7	62	7048	0.9	CB215	T180L6	11	57	52	2514	1.1	CB180	T160L2	11
39	75	2904	1.8	CB215	T160MB2	13	14.3	207	6812	1.0	CB250	T160MB2	12	56	53	2562	1.8	CB215	T160L2	13
39	75	2867	1.0	CB180	T160MB2	10	14.2	207	6860	1.0	CB250	T132ML2	12	53	56	2473	0.7	R180	T160L2	8
39	75	2924	1.7	CB215	T132ML2	13	13.9	213	7008	0.6	CB215	T160MB2	8	53	28	2861	1.1	R215	T180M4	17
39	75	2887	1.0	CB180	T132ML2	10	13.9	70	7028	0.7	R250	T180L6	12	52	57	2586	0.9	R215	T160L2	11
39	38	2942	2.4	CB250	T160L4	19	13.8	213	7059	0.6	CB215	T132ML2	8	51	58	2735	0.7	CB150	T160L2	7
38	78	3020	2.4	CB250	T160MB2	19	13.6	109	8228	1.2	CB250</									



1.7 - Motoriduttori							1.7 - Gearmotors							1.7 - Getriebemotoren						
n_2 min ⁻¹	ir	T2 Nm	FS'		18.5 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		22.0 kW	Ptn kW	n_2 min ⁻¹	ir	T2 Nm	FS'		22.0 kW	Ptn kW
27	109	5139	1.6	CB250	T160L2	18	420	7	450.2	4.9	R250	T180M2	40	18.8	52	8740	1.0	CB250	T200LB6	17
26	112	5214	1.0	CB215	T160L2	11	420	7	450.2	3.7	R215	T180M2	26	18.5	80	8631	0.7	CB215	T180L4	10
26	37	5230	0.6	CB180	T200LA6	9	420	7	445.2	2.3	R180	T180M2	19	18.4	53	8792	0.7	CB215	T200LB6	11
26	38	5439	1.4	CB250	T200LA6	18	294	10	636.0	3.4	R215	T180M2	23	16.6	177	9361	0.8	CB250	T180M2	15
25	120	5443	1.3	CB250	T160L2	16	294	10	628.9	1.9	R180	T180M2	17	16.4	90	9969	0.9	CB250	T180L4	17
25	60	5481	0.9	R250	T180M4	17	267	11	699.6	4.4	R250	T180M2	36	15.7	62	10418	0.9	CB250	T200LB6	17
24	121	5490	0.9	CB215	T160L2	10	211	7	894.3	3.6	R250	T180L4	26	15.7	62	10285	0.6	CB215	T200LB6	11
24	62	5887	1.4	CB250	T180M4	18	211	7	894.3	2.7	R215	T180L4	19	14.2	207	10061	0.7	CB250	T180M2	12
24	62	5812	1.0	CB215	T180M4	11	211	7	884.4	1.7	R180	T180L4	40	13.6	109	12068	0.8	CB250	T180L4	17
23	42	5937	1.0	CB215	T200LA6	11	196	15	954.0	3.8	R250	T180M2	36	12.5	78	12942	0.8	CB250	T200LB6	16
21	70	5973	0.7	R250	T180M4	14	196	15	943.3	2.5	R215	T180M2	15	12.3	120	12609	0.7	CB250	T180L4	15
20	145	6579	1.2	CB250	T160L2	16	196	15	921.9	1.4	R180	T180M2	21	12.3	240	11491	0.6	CB250	T180M2	11
20	146	6624	0.8	CB215	T160L2	10	148	10	1263	2.4	R215	T180L4	23	10.8	90	14938	0.7	CB250	T200LB6	16
20	75	7031	0.9	CB215	T180M4	11	148	10	1249	1.3	R180	T180L4	17							
18.9	78	7311	1.2	CB250	T180M4	17	147	20	1229	2.8	R250	T180M2	28							
18.8	52	7350	1.2	CB250	T200LA6	17	147	20	1243	2.0	R215	T180M2	20							
18.4	53	7393	0.9	CB215	T200LA6	11	139	7	1342	3.0	R250	T200LB6	23							
18.4	80	7305	0.8	CB215	T180M4	10	139	7	1343	2.2	R215	T200LB6	36							
17.0	174	6543	0.7	CB215	T160L2	7	135	11	1390	3.1	R250	T180L4	36							
16.7	177	7820	0.9	CB250	T160L2	15	105	28	1721	1.4	R215	T180M2	18							
16.3	90	8439	1.1	CB250	T180M4	17	99	15	1895	2.6	R250	T180L4	36							
15.7	62	8761	1.1	CB250	T200LA6	17	99	15	1874	1.8	R215	T180L4	15							
15.7	62	8648	0.8	CB215	T200LA6	11	99	15	1831	1.0	R180	T180L4	21							
14.3	207	8401	0.8	CB250	T160L2	12	98	30	1822	2.0	R250	T180M2	26							
13.5	109	10216	0.9	CB250	T180M4	17	98	10	1896	1.9	R215	T200LB6	21							
13.1	112	10100	0.6	CB215	T180M4	10	89	11	2110	2.4	R250	T200LB6	36							
13.0	75	10329	0.7	CB215	T200LA6	10	79	37	2142	1.1	CB180	T180M2	11							
12.5	78	10883	0.9	CB250	T200LA6	16	77	38	2227	2.5	CB250	T180M2	21							
12.3	240	9600	0.7	CB250	T160L2	11	74	20	2442	2.0	R250	T180L4	18							
12.3	120	10673	0.8	CB250	T180M4	15	74	20	2442	1.4	R215	T180L4	28							
10.8	90	12561	0.8	CB250	T200LA6	16	74	40	2287	1.7	R250	T180M2	8							
10.2	290	11248	0.6	CB250	T160L2	11	74	40	2315	1.0	R215	T180M2	20							
10.1	145	12893	0.7	CB250	T180M4	15	74	40	2315	0.7	CB150	T180M2	13							
8.9	109	15217	0.7	CB250	T200LA6	16	70	42	2431	1.7	CB215	T180M2	13							
8.1	120	15883	0.6	CB250	T200LA6	14	65	15	2845	2.1	R250	T200LB6	20							
							65	15	2812	1.4	R215	T200LB6	33							
							60	49	2731	1.4	R250	T180M2	18							
							59	50	2787	0.9	R215	T180M2	7							
							59	50	2859	0.6	CB150	T180M2	12							
							57	52	3010	2.1	CB250	T180M2	20							
							57	52	3010	0.9	CB180	T180M2	11							
							55	53	3068	1.5	CB215	T180M2	13							
							53	28	3378	0.9	R215	T180L4	17							
							52	57	3096	0.7	R215	T180M2	11							
							49	30	3578	1.3	R250	T180L4	25							
							49	60	3302	1.1	R250	T180M2	17							
							47	62	3589	1.9	CB250	T180M2	13							
							47	62	3545	1.4	CB215	T180M2	20							
							47	62	3545	0.7	CB180	T180M2	10							
							43	69	3747	0.6	R215	T180M2	11							
							42	70	3602	0.9	R250	T180M2	14							
							40	37	4202	0.7	CB180	T180L4	10							
							39	75	4288	1.2	CB215	T180M2	13							
							39	75	4234	0.7	CB180	T180M2	10							
							39	38	4315	1.6	CB250	T180L4	19							
							38	78	4460	1.6	CB250	T180M2	19							
							37	79	3951	0.8	R250	T180M2	13							
							37	40	4486	1.1	R250	T180L4	19							
							37	40	4486	0.7	R215	T180L4	12							
							37	80	4516	1.1	CB215	T180M2	12							
							35	42	4710	1.1	CB215	T180L4	12							
							33	90	5145	1.5	CB250	T180M2	19							
							30	49	5357	0.9	R250	T180L4	17							
							30	98	4902	0.6	R250	T180M2	13							
							28	52	5832	1.4	CB250	T180L4	18							
							28	53	5945	0.9	CB215	T180L4	12							
							27	109	6154	1.3	CB250	T180M2	18							
							26	112	6243	0.8	CB215	T180M2	11							
							26	38	6468	1.2	CB250	T200LB6	18							
							25	60	6473	0.7	R250	T180L4	17							
							25	120	6518	1.1	CB250	T180M2	16							
							24	121	6571	0.8	CB215	T180M2	10							
							24	62	6953	1.2	CB250	T180L4	11							
							24	62	6865	0.9	CB215	T180L4	18							
							23	42	7061	0.8	CB215	T200LB6	11							
							21	70	7056	0.6	R250	T180L4	14							
							20	145	7874	1.0	CB250	T180M2	16							
							20	146	7928	0.7	CB215	T180M2	10							
							20	75	8306	0.7	CB215	T180L4	11							
							19.0	78	8639	1.0	CB250	T180L4	17							



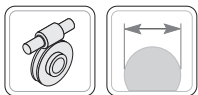
**45.0
kW**

Basic

1.7 - Getriebemotoren

[illegible]





1.8 Dimensioni

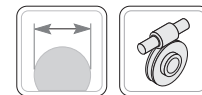
1.8 Dimensions

1.8 Abmessungen

S	RI		RMI	
I	RI		RMI	
D	RI		RMI	

Dimensioni generali / Dimensions / Allgemeine Abmessungen												
Dimensions	28	40	50	63	70	85	110	130	150	180	215	250
C	30	41	49	60	60	61	77,5	90	105	120	140	160
	14	19	24	25	28	32	42	48	55	65	90	110
D	-	18	25	-	-	35	-	-	-	-	-	-
tolerance D	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7
I	28	40	50	63	70	85	110	130	150	180	215	250
N	41	52	59,5	71,5	92	111	142	161,5	189	232	275	329
E	40	59	69	81	87	105	135	154	178	210	249	289
T	49	66	80	99	108	135	170	195	224	265	332	383

S - I - D - Versioni / Versions / Ausführungen												
Versions S - I - D	28	40	50	63	70	85	110	130	150	180	215	250
A	67	100	120	140	158	193	250	286	336	400	440	500
a	52	70	85	95	120	140	200	235	260	310	340	400
B	78	102	119	136	140	168	200	230	250	320	380	439
b	66 ⁺² ₋₆	84 ⁺³	99 ⁺³	111 ⁰ ₊₅	116 ⁺² ₋₈	140	162	190	210	260	320	385
f	5,5	7	9	11	11	13	14	15	19	22	26	33
H	52	71	85	100	115	135	172	200	230	265	335	430
H1	-	-	-	-	-	-	-	-	-	-	260	300
S	6	8	10	11	13	15	17	19	20	22	25	30



1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen

RMI - Versione Entrata / Input version / Antriebsausführung													
RMI		28	40	50	63	70	85	110	130	150	180	215	250
IEC	Y	K	K	K	K	K	K	K	K	K	K	K	K
56 B5	120	49	70.5	-	-	-	-	-	-	-	-	-	-
56 B14	80	49●	-	-	-	-	-	-	-	-	-	-	-
63 B5	140	-	70.5	80.5	-	-	-	-	-	-	-	-	-
63B14	90	49	70.5●	80.5●	-	-	-	-	-	-	-	-	-
71 B5	160	-	70.5	80.5	94.5	100	-	-	-	-	-	-	-
71B14	105	-	70.5	80.5●	94.5●	100●	-	-	-	-	-	-	-
80 B5	200	-	-	80.5	94.5	100	118	-	-	-	-	-	-
80 B14	120	-	-	80.5	94.5	100	118●	-	-	-	-	-	-
90 B5	200	-	-	-	94.5	100	118	145	-	-	-	-	-
90 B14	140	-	-	-	94.5	100	120	-	-	-	-	-	-
100-112 B5	250	-	-	-	-	-	120	145	163	189	-	-	-
100-112 B14	160	-	-	-	-	100	120	146	-	-	-	-	-
132 B5	300	-	-	-	-	-	-	145.5	163	189	234	285	335
132 B14	200	-	-	-	-	-	-	-	-	-	-	-	-
160 B5	350	-	-	-	-	-	-	-	-	196	234	285	335
180 B5	350	-	-	-	-	-	-	-	-	-	234	285	335
200 B5	400	-	-	-	-	-	-	-	-	-	-	*	*
225 B5	450	-	-	-	-	-	-	-	-	-	-	*	*

(●) Vedi designazione 19 - PMT

(●) See designation 19 - PMT

(●) Siehe Beschreibung 19 - PMT

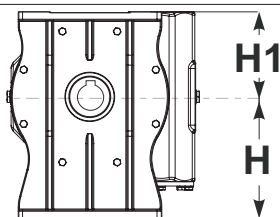
* A richiesta / On request / Auf Anfrage

RI - Versione Entrata / <i>Input version</i> / Antriebsausführung												
RI	28	40	50	63	70	85	110	130	150	180	215	250
d	9	11	14	18	19	24	28	38	42	48	48	55
tolerance d	j6	j6	j6	j6	j6	j6	j6	j6	j6	j6	m6	m6
L	20	22	30	45	40	50	60	80	100	110	110	110
m	M4	M5	M6	M6	M8	M8	M8	M10	M12	M14	M16	M12
M	47	64	74	96	97	115	146	166	195	235	289,5	334

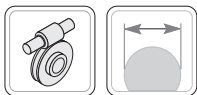
PARTICOLARE CORPO - 215 - 250

DETAIL OF THE GEARCASE - 215 - 250

DETAIL DES GEHÄUSES - 215 - 250



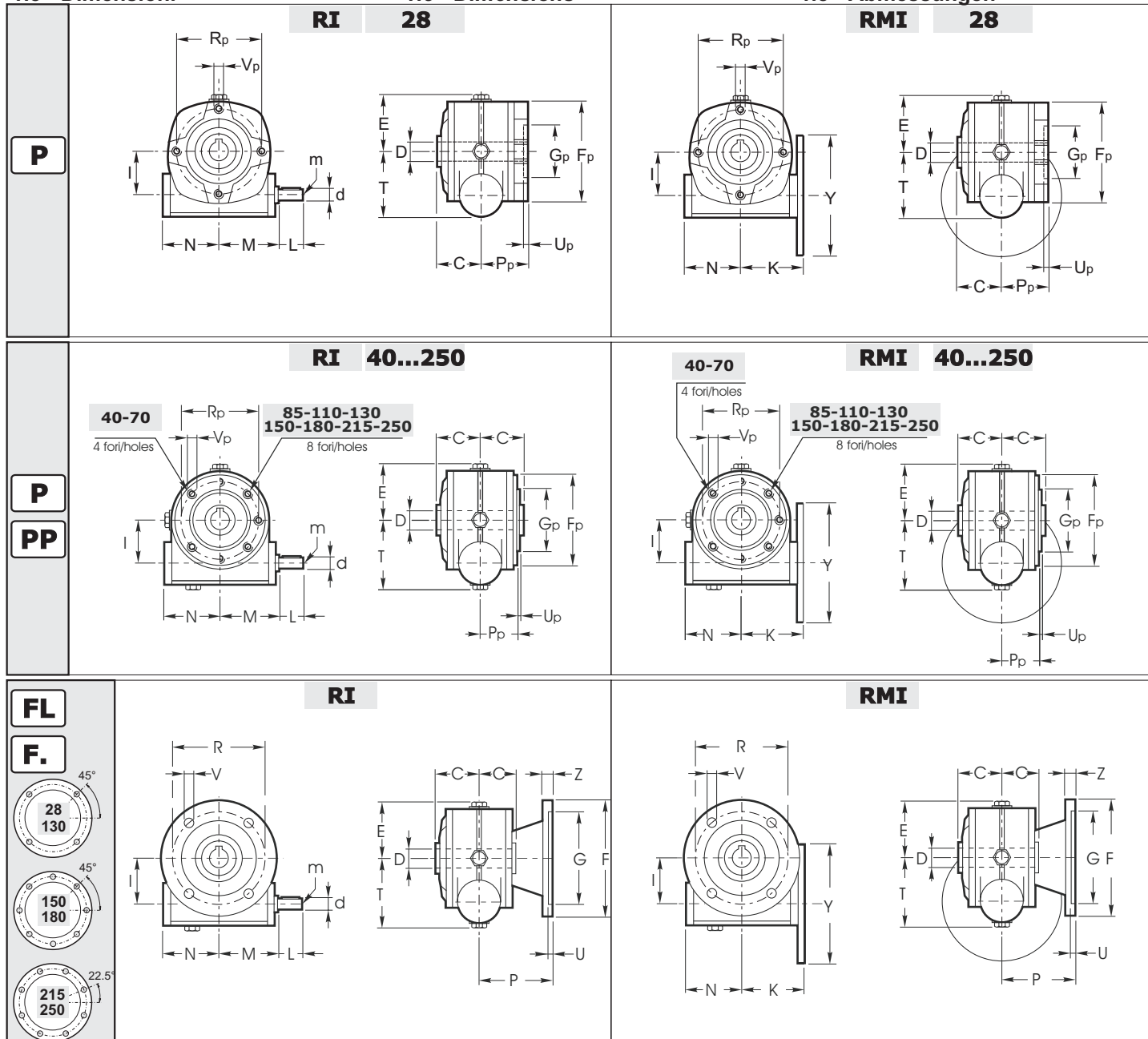
215
250



1.8 Dimensioni

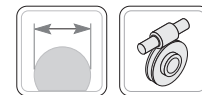
1.8 Dimensions

1.8 Abmessungen



Dimensioni generali / Dimensions / Allgemeine Abmessungen												
Dimensions	28	40	50	63	70	85	110	130	150	180	215	250
D	C	30	41	49	60	60	61	77,5	90	105	120	160
	Standard	14	19	24	25	28	32	42	48	55	65	110
	Optional	-	18	25	-	-	35	-	-	-	-	-
tolerance D	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7
I	28	40	50	63	70	85	110	130	150	180	215	250
N	41	52	59,5	71,5	92	111	142	161,5	189	232	275	329
E	40	59	69	81	87	105	135	154	178	210	249	289
T	49	66	80	99	108	135	170	195	224	265	332	383

P - PP - Versioni / Versions / Ausführungen												
Versions - P - PP	28	40	50	63	70	85	110	130	150	180	215	250
Fp	67	95	105	105	120	144	200	242	250	300	348	450
Gp	42	60	70	70	80	110	130	180	180	230	250	350
tolerance Gp	H8	e8	e8	e8	e8	e8	e8	e8	e8	e8	e8	e8
Pp	36	38	49	57,5	57	56,5	74	87	102	117	135	155
Rp	56	83	85	85	100	130	165	215	215	265	300	400
Up	7	2	2,5	3,5	5	3,5	3	5	5	5	5	5
Vp	M6	M6	M8	M8	M8	M10	M12	M12	M14	M16	M16	M16



1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen

FL - Versioni / Versions / Ausführungen												
Versions	28	40	50	63	70	85	110	130	150	180	215	250
FL	FL	FL°	FL°	FL°	FL°	FL	FL	FL	FL	FL	FL	FL
F	70	140	160	180	200	200	250	300	350	400	550	550
G	40	95	110	115	130	130	180	230	250	300	450	450
tolerance G	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8
P	49	82	91,5	116	111	100	150	150	160	180	240	245
R	56	115	130	150	165	165 ⁺⁰ ₋₁	215	265	300	350	500	500
U	5	5	5	5	5	5	5	5	6	6,5	7	6
V	6	8,5	10	11	13	13	15	15	19	22	18	22
Z	5	9	10	11	11	12	16	18	18	22	25	25

F1-F2-F3-F4 - Versioni / Versions / Ausführungen																					
Versions F1-F2-F3-F4	28		40		50				63			70			85			110			180
	F1	F2	F1	F2	F1	F2	F3	F4	F1°	F2°	F3°	F1°	F2°	F3	F1	F2	F3	F1	F2	F3	F2
F	80	95	106	120	125	125	140	125	175	200	160	175	175	160	200	210	160	200	270	270	400
G	50	70	60	80	70	70	95	70	115	130	110	115	115	110	130	152	110	130	170	170	300
tolerance G	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8
P	53	72	69	62	93	73	75	85	86	102	82	116	85	101	141	119,5	91	115	131,5	178	150
R	62 ⁺⁰ ₋₆	85	87	100	90 ⁺⁰ ₋₆	100	115	90 ⁺⁰ _{-4,5}	150	165	130	150	150	130	165	176	130	165	230	230	350
U	4	4	5	5	5	4	4	5	5	5	5	5	5	6	6	5	5	5	10	10	6,5
V	6	6,5	8,5	9	10,5	9	9	10,5	11	13	10	11	11	11	13	13	11,5	13	13,5	13,5	22
Z	7	8	9	9	10	9	9	11	11	11	11	10	10	11	12	14	10	12	18	18	22

La versione contrassegnata con il simbolo (°) è ottenuta applicando una flangia modulare sulla flangia pendolare della versione P-PP.

Version that is marked with (°) is obtained by applying a modular flange onto the shaft-mounted flange of the P-PP version.

Die mit (°) gekennzeichneten Version erhält man, indem ein Modulflansch an den Flansch mit Drehmomentstütze der P-PP Version befestigt wird.

RMI - Versione Entrata / Input version / Antriebsausführung													
RMI		28	40	50	63	70	85	110	130	150	180	215	250
IEC	Y	K	K	K	K	K	K	K	K	K	K	K	K
56 B5	120	49	70.5	-	-	-	-	-	-	-	-	-	-
56 B14	80	49●	-	-	-	-	-	-	-	-	-	-	-
63 B5	140	-	70.5	80.5	-	-	-	-	-	-	-	-	-
63B14	90	49	70.5●	80.5●	-	-	-	-	-	-	-	-	-
71 B5	160	-	70.5	80.5	94.5	100	-	-	-	-	-	-	-
71B14	105	-	70.5	80.5●	94.5●	100●	-	-	-	-	-	-	-
80 B5	200	-	-	80.5	94.5	100	118	-	-	-	-	-	-
80 B14	120	-	-	80.5	94.5	100	118●	-	-	-	-	-	-
90 B5	200	-	-	-	94.5	100	118	145	-	-	-	-	-
90 B14	140	-	-	-	94.5	100	120	-	-	-	-	-	-
100-112 B5	250	-	-	-	-	-	120	145	163	189	-	-	-
100-112 B14	160	-	-	-	-	100	120	146	-	-	-	-	-
132 B5	300	-	-	-	-	-	-	145.5	163	189	234	285	335
132 B14	200	-	-	-	-	-	-	-	-	-	-	-	-
160 B5	350	-	-	-	-	-	-	-	-	196	234	285	335
180 B5	350	-	-	-	-	-	-	-	-	-	234	285	335
200 B5	400	-	-	-	-	-	-	-	-	-	-	*	*
225 B5	450	-	-	-	-	-	-	-	-	-	-	*	*

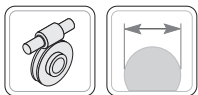
(•) Vedi designazione 19 - PMT

(•) See designation 19 - PMT

(•) Siehe Beschreibung 19 - PMT

* A richiesta / On request / Auf Anfrage

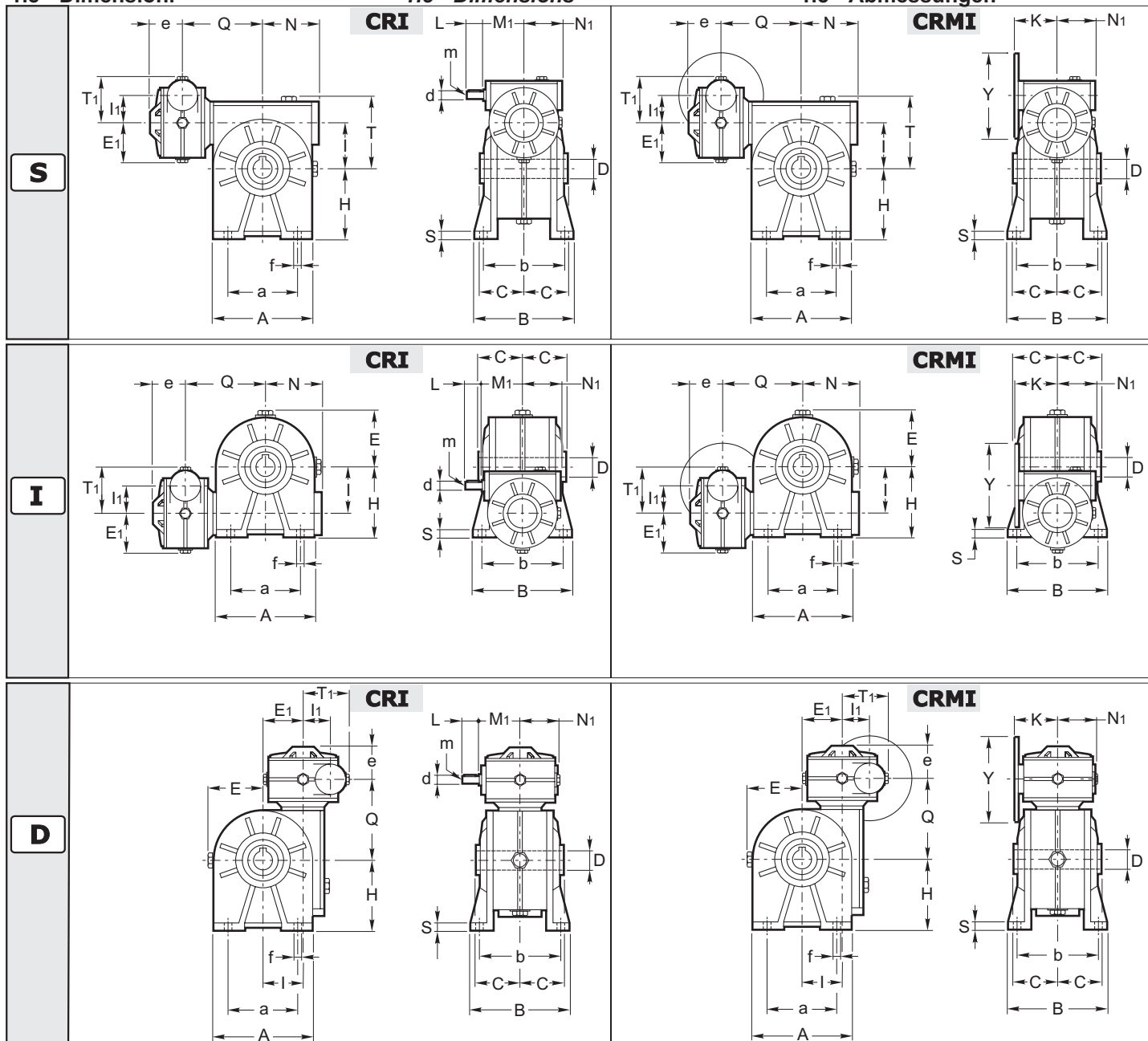
RI - Versione Entrata / Input version / Antriebsausführung												
RI	28	40	50	63	70	85	110	130	150	180	215	250
d	9	11	14	18	19	24	28	38	42	48	48	55
tolerance d	j6	j6	j6	j6	j6	j6	j6	j6	j6	j6	m6	m6
L	20	22	30	45	40	50	60	80	100	110	110	110
m	M4	M5	M6	M6	M8	M8	M8	M10	M12	M14	M16	M12
M	47	64	74	96	97	115	146	166	195	235	289,5	334



1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen

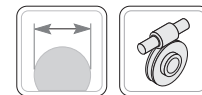


Dimensioni generali / Dimensions / Allgemeine Abmessungen																													
Dimensions	28 28	28 40	40 40	28 50	40 50	28 63	40 63	28 70	40 70	50 70	63 70	40 85	50 85	63 85	70 85	50 110	63 110	70 110	85 110	63 130	70 130	85 130	85 150	110 150	85 180	110 180	130 180	110 215	130 250
C	30	41	41	49	49	60	60	60	60	60	60	61	61	61	61	77,5	77,5	77,5	77,5	90	90	90	105	105	120	120	120	140	160
D (standard)	14	19	19	24	24	25	25	28	28	28	28	32	32	32	32	42	42	42	42	48	48	48	55	55	65	65	65	90	110
D (Optional)	-	18	18	25	25	-	-	-	-	-	-	35	35	35	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tolerance D	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7
I1	28	28	40	28	40	28	40	28	40	50	63	40	50	63	70	50	63	70	85	63	70	85	85	110	85	110	130	110	130
I	28	40	40	50	50	63	63	70	70	70	70	85	85	85	85	110	110	110	110	130	130	130	150	150	180	180	180	215	250
N1	41	41	52	41	52	41	52	41	52	59,5	71,5	52	59,5	71,5	92	59,5	71,5	92	111	71,5	92	111	111	142	111	142	159	142	159
N	44,5	61,5	61,5	72,5	72,5	84	84	92	92	92	92	111	111	111	111	142	142	142	142	161,5	161,5	161,5	189	189	232	232	232	275	329
E1	40	40	59	40	59	40	59	40	59	69	81	59	69	81	87	69	81	87	105	81	87	105	105	135	105	135	150	135	150
E	40	59	59	69	69	81	81	87	87	87	105	105	105	105	135	135	135	135	154	154	154	178	178	210	210	210	249	289	
e	35	35	49	35	49	35	49	35	49	59	69	49	59	69	68	59	69	68	71	69	68	71	71	92	71	92	102	92	102
Q	90	114	153	115,5	163	135,5	146	140,5	151	149	182	202	173	198	165	237,5	228	191	195	265	214	213	240	254	283	296	306	435	485
T1	49	49	66	49	66	49	66	49	66	80	99	66	80	99	108	80	99	108	135	99	108	135	135	170	135	170	200	170	200
T	49	66	66	80	80	99	99	108	108	108	108	135	135	135	135	170	170	170	170	195	195	195	224	224	265	265	265	332	383

Riduttori con accoppiamento eseguito con kit di montaggio, vedi pag.B95.

Gearboxes assembled with combination kit, see also page B95.

Getriebe angebaut mit kombinationskit, siehe auch Seite B95.



1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen

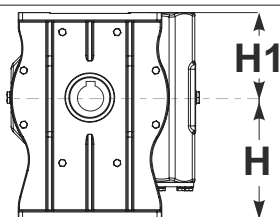
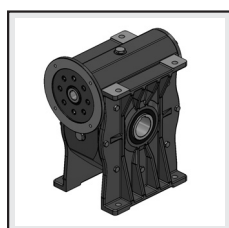
Dimensioni generali / <i>Dimensions</i> / Allgemeine Abmessungen																													
<i>Versions</i> <i>S - I - D</i>	28 28	28 40	40 40	28 50	40 50	28 63	40 63	28 70	40 70	50 70	63 70	40 85	50 85	63 85	70 85	50 110	63 110	70 110	85 110	63 130	70 130	85 130	85 150	110 150	85 180	110 180	130 180	110 215	130 250
A	67	100	100	120	120	140	140	158	158	158	158	193	193	193	193	250	250	250	250	286	286	286	336	336	400	400	400	440	500
a	52	70	70	85	85	95	95	120	120	120	120	140	140	140	140	200	200	200	200	235	235	235	260	260	310	310	310	340	400
B	78	102	102	119	119	136	136	140	140	140	140	168	168	168	168	200	200	200	200	230	230	230	250	250	320	320	320	380	439
b	66	84	84	99	99	111	111	116	116	116	116	140	140	140	140	162	162	162	162	190	190	190	210	210	260	260	260	320	385
	⁺² ₋₆	±3			±3		0 +5					⁺² ₋₈								—									
f	5,5	7	7	9	9	11	11	11	11	11	11	13	13	13	13	14	14	14	14	15	15	15	19	19	22	22	22	26	33
H	52	71	71	85	85	100	100	115	115	115	115	135	135	135	135	172	172	172	172	200	200	200	230	230	265	265	265	335	430
H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	260	300
S	6	8	8	10	10	11	11	13	13	13	13	15	15	15	15	17	17	17	17	19	19	19	20	20	22	22	22	25	30

B

PARTICOLARE CORPO - 215 - 250

DETAIL OF THE GEARCASE - 215 - 250

DETAIL DES GEHÄUSES - 215 - 250


215
250

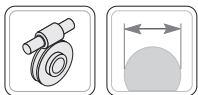
CRMI - Versione Entrata / Input version / Antriebsausführung									
CRMI		28/...	40/...	50/...	63/...	70/...	85/...	110/...	130/...
IEC	Y	K	K	K	K	K	K	K	K
56 B5	120	49	70.5	-	-	-	-	-	-
56 B14	80	49•	-	-	-	-	-	-	-
63 B5	140	-	70.5	80.5	-	-	-	-	-
63 B14	90	49	70.5•	80.5•	-	-	-	-	-
71 B5	160	-	70.5	80.5	94.5	100	-	-	-
71 B14	105	-	70.5	80.5•	94.5•	100•	-	-	-
80 B5	200	-	-	80.5	94.5	100	118	-	-
80 B14	120	-	-	80.5	94.5	100	118•	-	-
90 B5	200	-	-	-	94.5	100	118	145	-
90 B14	140	-	-	-	94.5	100	120	-	-
100-112 B5	250	-	-	-	-	-	120	145	163
100-112 B14	160	-	-	-	-	100	120	146	-
132 B5	300	-	-	-	-	-	-	145.5	163
132 B14	200	-	-	-	-	-	-	-	-
160 B5	350	-	-	-	-	-	-	-	-
180 B5	350	-	-	-	-	-	-	-	-
200 B5	400	-	-	-	-	-	-	-	-
225 B5	450	-	-	-	-	-	-	-	-

(•) Vedi designazione 19 - PMT

(•) See designation 19 - PMT

(•) Siehe Beschreibung 19 - PMT

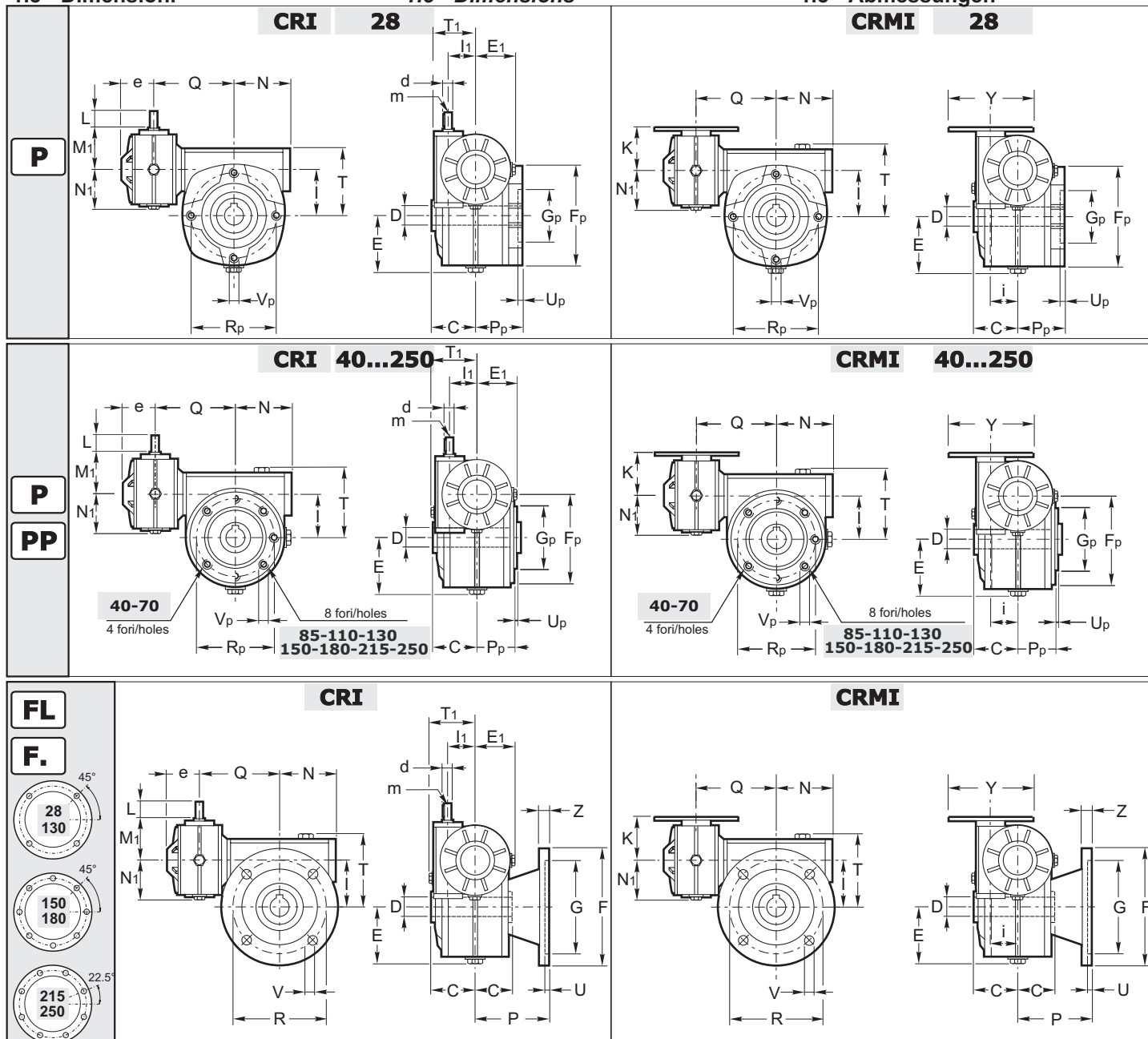
CRI - Versione Entrata / Input version / Antriebsausführung								
CRI	28/...	40/...	50/...	63/...	70/...	85/...	110/...	130/...
d	9	11	14	18	19	24	28	38
tolerance d	j6	j6	j6	j6	j6	j6	j6	j6
L	20	22	30	45	40	50	60	80
m	M4	M5	M6	M6	M8	M8	M8	M10
M1	47	64	74	96	97	115	146	166



1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen

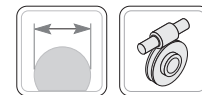


Dimensioni generali / Dimensions / Allgemeine Abmessungen																													
Dimensions	28 28	28 40	40 40	28 50	40 50	28 63	40 63	28 70	40 70	50 70	63 70	40 85	50 85	63 85	70 85	50 110	63 110	70 110	85 110	63 130	70 130	85 130	85 150	110 150	85 180	110 180	130 180	110 215	130 250
C	30	41	41	49	49	60	60	60	60	60	60	61	61	61	61	77,5	77,5	77,5	77,5	90	90	90	105	105	120	120	120	140	160
D (standard)	14	19	19	24	24	25	25	28	28	28	28	32	32	32	32	42	42	42	42	48	48	48	55	55	65	65	65	90	110
D (Optional)	-	18	18	25	25	-	-	-	-	-	-	35	35	35	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tolerance D	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7
I1	28	28	40	28	40	28	40	28	40	50	63	40	50	63	70	50	63	70	85	63	70	85	85	110	85	110	130	110	130
I	28	40	40	50	50	63	63	70	70	70	70	85	85	85	85	110	110	110	110	130	130	130	150	150	180	180	180	215	250
N1	41	41	52	41	52	41	52	41	52	59,5	71,5	52	59,5	71,5	92	59,5	71,5	92	111	71,5	92	111	111	142	111	142	159	142	159
N	44,5	61,5	61,5	72,5	72,5	84	84	92	92	92	92	111	111	111	111	142	142	142	142	161,5	161,5	161,5	189	189	232	232	232	275	329
E1	40	40	59	40	59	40	59	40	59	69	81	59	69	81	87	69	81	87	105	81	87	105	105	135	105	135	150	135	150
E	40	59	59	69	69	81	81	87	87	87	87	105	105	105	105	135	135	135	135	154	154	154	178	178	210	210	210	249	289
e	35	35	49	35	49	35	49	35	49	59	69	49	59	69	68	59	69	68	71	69	68	71	71	92	71	92	102	92	102
Q	90	114	153	115,5	163	135,5	146	140,5	151	149	182	202	173	198	165	237,5	228	191	195	265	214	213	240	254	283	296	306	435	485
T1	49	49	66	49	66	49	66	49	66	80	99	66	80	99	108	80	99	108	135	99	108	135	135	170	135	170	200	170	200
T	49	66	66	80	80	99	99	108	108	108	108	135	135	135	135	170	170	170	170	195	195	195	224	224	265	265	265	332	383

Riduttori con accoppiamento eseguito con kit di montaggio, vedi pag.B95.

Gearboxes assembled with combination kit, see also page B95.

Getriebe angebaut mit kombinationskit, siehe auch Seite B95.



1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen

P - PP - Versioni / Versions / Ausführungen												
Versions - P - PP	.../28	.../40	.../50	.../63	.../70	.../85	.../110	.../130	.../150	.../180	.../215	.../250
Fp	67	95	105	105	120	144	200	242	250	300	348	450
Gp	42	60	70	70	80	110	130	180	180	230	250	350
tolerance Gp	H8	e8	e8	e8	e8	e8	e8	e8	e8	e8	e8	e8
Pp	36	38	49	57,5	57	56,5	74	87	102	117	135	155
Rp	56	83	85	85	100	130	165	215	215	265	300	400
Up	7	2	2,5	3,5	5	3,5	3	5	5	5	5	5
Vp	M6	M6	M8	M8	M8	M10	M12	M12	M14	M16	M16	M16

FL - Versioni / Versions / Ausführungen												
Versions FL	.../28	.../40	.../50	.../63	.../70	.../85	.../110	.../130	.../150	.../180	.../215	.../250
F	70	140	160	180	200	200	250	300	350	400	550	550
G	40	95	110	115	130	130	180	230	250	300	450	450
tolerance G	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8
P	49	82	91,5	116	111	100	150	150	160	180	240	245
R	56	115	130	150	165	165 ⁰ ₊₁₁	215	265	300	350	500	500
U	5	5	5	5	5	5	5	5	6	6,5	7	6
V	6	8,5	10	11	13	13	15	15	19	22	18	22
Z	5	9	10	11	11	12	16	18	18	22	25	25

F1-F2-F3-F4 - Versioni / Versions / Ausführungen																						
Versions F1-F2-F3-F4	.../28		.../40		.../50				.../63			.../70			.../85			.../110			.../180	
	F1	F2	F1	F2	F1	F2	F3	F4	F1°	F2°	F3°	F1°	F2°	F3	F1	F2	F3	F1	F2	F3	F2	
F	80	95	106	120	125	125	140	125	175	200	160	175	175	160	200	210	160	200	270	270	400	
G	50	70	60	80	70	70	95	70	115	130	110	115	115	110	130	152	110	130	170	170	300	
tolerance G	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	
P	53	72	69	62	93	73	75	85	86	102	82	116	85	101	141	119,5	91	115	131,5	178	150	
R	62 ⁺⁰ ₋₉	85	87	100	90 ⁺⁰ ₋₉	100	115	90 ⁺⁰ _{-4,5}	150	165	130	150	150	130	165	176	130	165	230	230	350	
U	4	4	5	5	5	4	4	5	5	5	5	5	5	6	6	5	5	5	10	10	6,5	
V	6	6,5	8,5	9	10,5	9	9	10,5	11	13	10	11	11	11	13	13	11,5	13	13,5	13,5	22	
Z	7	8	9	9	10	9	9	11	11	11	11	10	10	11	12	14	10	12	18	18	22	

La versione contrassegnata con il simbolo (°) è ottenuta applicando una flangia modulare sulla flangia pendolare della versione P-PP.

Version that is marked with (°) is obtained by applying a modular flange onto the shaft-mounted flange of the P-PP version.

Die mit (°) gekennzeichneten Version erhält man, indem ein Modulflansch an den Flansch mit Drehmomentstütze der P-PP Version befestigt wird.

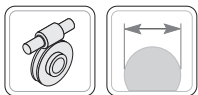
CRMI - Versione Entrata / Input version / Antriebsausführung									
CRMI	28/...	40/...	50/...	63/...	70/...	85/...	110/...	130/...	
IEC	Y	K	K	K	K	K	K	K	
56 B5	120	49	70.5	-	-	-	-	-	
56 B14	80	49•	-	-	-	-	-	-	
63 B5	140	-	70.5	80.5	-	-	-	-	
63B14	90	49	70.5•	80.5•	-	-	-	-	
71 B5	160	-	70.5	80.5	94.5	100	-	-	
71B14	105	-	70.5	80.5•	94.5•	100•	-	-	
80 B5	200	-	-	80.5	94.5	100	118	-	
80 B14	120	-	-	80.5	94.5	100	118•	-	
90 B5	200	-	-	-	94.5	100	118	145	
90 B14	140	-	-	-	94.5	100	120	-	
100-112 B5	250	-	-	-	-	-	120	145	163
100-112 B14	160	-	-	-	-	100	120	146	-
132 B5	300	-	-	-	-	-	-	145.5	163
132 B14	200	-	-	-	-	-	-	-	-
160 B5	350	-	-	-	-	-	-	-	-
180 B5	350	-	-	-	-	-	-	-	-
200 B5	400	-	-	-	-	-	-	-	-
225 B5	450	-	-	-	-	-	-	-	-

(•) Vedi designazione 19 - PMT

(•) See designation 19 - PMT

(•) Siehe Beschreibung 19 - PMT

CRI - Versione Entrata / Input version / Antriebsausführung									
CRI	28/...	40/...	50/...	63/...	70/...	85/...	110/...	130/...	
d	9	11	14	18	19	24	28	38	
tolerance d	j6	j6	j6	j6	j6	j6	j6	j6	
L	20	22	30	45	40	50	60	80	
m	M4	M5	M6	M6	M8	M8	M8	M10	
M1	47	64	74	96	97	115	146	166	



1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen

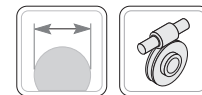
-	CR		CB	
/F /F.	CR		CB	
P PP	CR		CB	
F F.	CR		CB	

Foot 40-50-70-110

Flanged 40-50-70-110

Dimensioni generali / Dimensions / Allgemeine Abmessungen						
Dimensions		40	50	70	85	110
C		41	49	60	61	77,5
D	Standard	19	24	28	32	42
	Optional	18	25	-	35	-
tolerance D		H7	H7	H7	H7	H7
N		59	69	93	116	142
Q		7	9	17,5	29	43

Foot - Versioni / Versions / Ausführungen					
Versions Foot	40	50	70	85	110
A	135	166	215	252	330
a	100	120	160	188	244
B	102	120	140	170	200
b	84	99	116	140	162
E1	40	46	61	74	97
f	7	9	11	13	14
H	78	97	127	145	190
h	57	69	88	107	140
l1	70	85	120	140	200
O	117	130	193	231	282
S1	117	130	186	221	277



1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen

P - PP - Versioni / Versions / Ausführungen					
Versions - P - PP	40	50	70	85	110
Fp	95	105	120	144	200
Gp	60	70	80	110	130
tolerance Gp	e8	e8	e8	e8	e8
Pp	38	49	57	56,5	74
Rp	83	85	100	130	165
Up	2	2,5	5	3,5	3
Vp	M6	M8	M8	M10	M12

FL - Versioni / Versions / Ausführungen					
Versions FL	40	50	70	85	110
	FL°	FL°	FL°	FL	FL
F	140	160	200	200	250
G	95	110	130	130	180
tolerance G	H8	H8	H8	H8	H8
P	82	91,5	111	100	150
R	115	130	165 ⁰ ₊₁₁	165	215
U	5	5	5	5	5
V	8,5	10	13	13	15
Z	9	10	11	12	16

F1-F2-F3-F4 - Versioni / Versions / Ausführungen															
Versions F1-F2-F3-F4	40		50				70			85			110		
	F1	F2	F1	F2	F3	F4	F1°	F2°	F3	F1	F2	F3	F1	F2	F3
F	106	120	125	125	140	125	175	175	160	200	210	160	200	270	270
G	60	80	70	70	95	70	115	115	110	130	152	110	130	170	170
tolerance G	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8	H8
P	69	62	93	73	75	85	116	85	101	141	119,5	91	115	131,5	178
R	87	100	90 ⁰ ₊₉	100	115	90 ⁰ _{+4,5}	150	150	130	165	176	130	165	230	230
U	5	5	5	4	4	5	5	5	6	6	5	5	5	10	10
V	8,5	9	10,5	9	9	10,5	11	11	11	13	13	11,5	13	13,5	13,5
Z	9	9	10	9	9	11	10	10	11	12	14	10	12	18	18

La versione contrassegnata con il simbolo (°) è ottenuta applicando una flangia modulare sulla flangia pendolare della versione P-PP.

Version that is marked with (°) is obtained by applying a modular flange onto the shaft-mounted flange of the P-PP version.

Die mit (°) gekennzeichneten Version erhält man, indem ein Modulflansch an den Flansch mit Drehmomentstütze der P-PP Version befestigt wird.

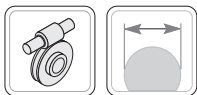
CB - Versione Entrata / Input version / Antriebsausführung						
CB		40	50	70	85	110
IEC	Y	K	K	K	K	K
56 B5	120	108	133	-	-	-
56 B14	80	109	133	-	-	-
63 B5	140	108	133	153	172,5	-
63 B14	90	112•	133•	-	-	-
71 B5	160	-	133	153	172,5	-
71 B14	105	-	-	-	-	-
80 B5	200	-	-	165	193	229
80 B14	120	-	-	-	-	-
90 B5	200	-	-	171	193	229
90 B14	140	-	-	-	-	-
100-112 B5	250	-	-	-	-	239
100-112 B14	160	-	-	-	-	-
132 B5	300	-	-	-	-	-
132 B14	200	-	-	-	-	-
160 B5	350	-	-	-	-	-
180 B5	350	-	-	-	-	-
200 B5	400	-	-	-	-	-
225 B5	450	-	-	-	-	-
250 B5	550	-	-	-	-	-
280 B5	550	-	-	-	-	-

(•) Vedi designazione 19 - PMT

(•) See designation 19 - PMT

(•) Siehe Beschreibung 19 - PMT

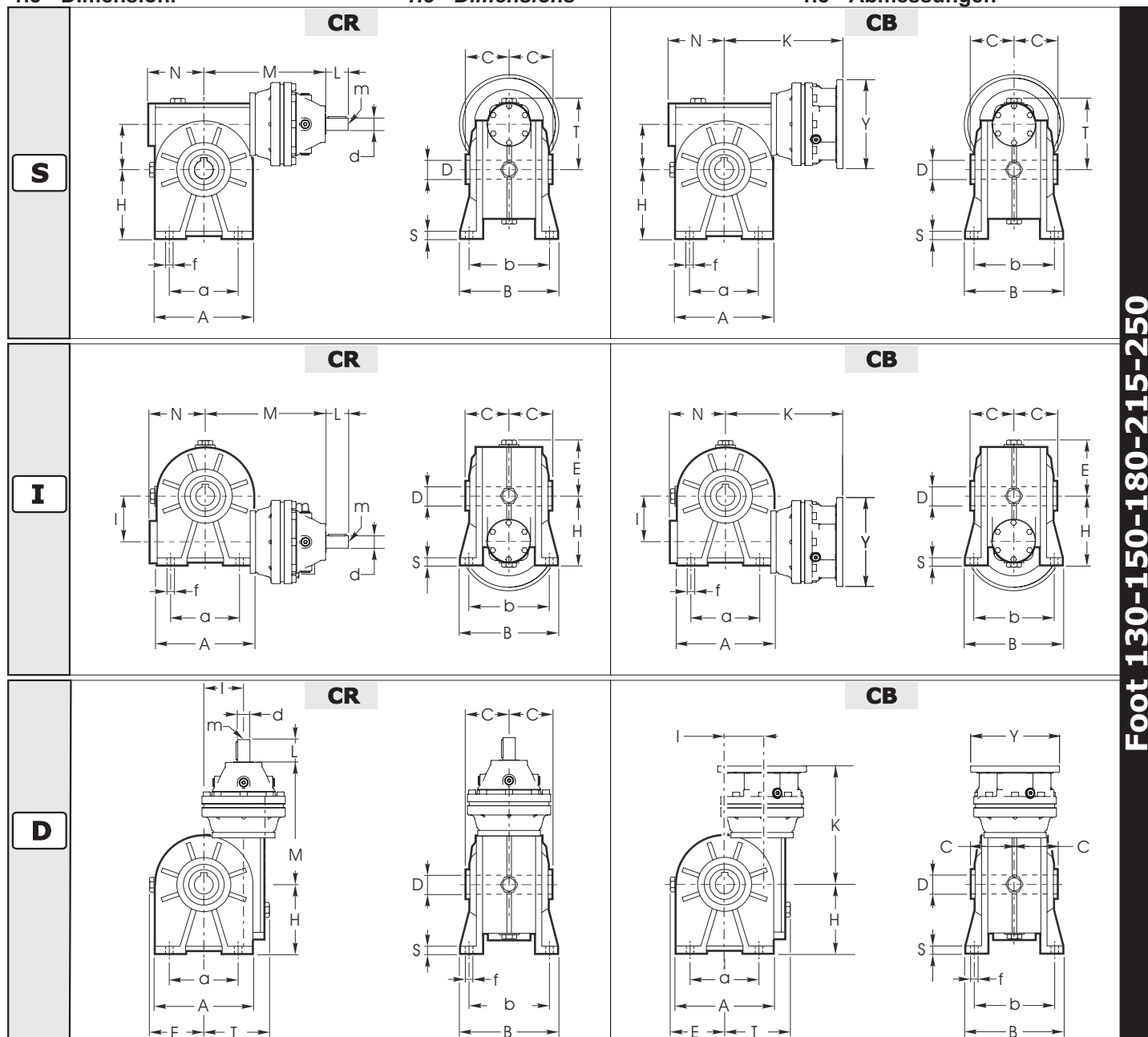
CR - Versione Entrata / Input version / Antriebsausführung					
CR	40	50	70	85	110
d	14	19	24	28	32
tolerance d	j6	j6	j6	j6	j6
L	30	40	50	60	70
m	M6	M8	M8	M8	M10
M	137	143	188	212	264,5



1.8 Dimensioni

1.8 Dimensions

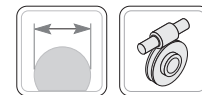
1.8 Abmessungen



Foot 130-150-180-215-250

Dimensioni generali / Dimensions / Allgemeine Abmessungen					
Dimensions	130	150	180	215	250
C	90	105	120	140	160
D	Standard	48	55	65	90
	Optional	-	-	-	110
tolerance D	H7	H7	H7	H7	H7
I	130	150	180	215	250
N	161,5	189	232	275	329
E	154	178	210	249	289
T	195	224	265	332	383

S - I - D - Versioni / Versions / Ausführungen					
Versions S - I - D	130	150	180	215	250
A	286	336	400	440	500
a	235	260	310	340	400
B	230	250	320	380	439
b	190	210	260	320	385
f	15	19	22	26	33
H	200	230	265	335	430
H1	-	-	-	260	300
S	19	20	22	25	30



1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen

CB - Versione Entrata / Input version / Antriebsausführung						
CB		130	150	180	215	250
IEC	Y	K	K	K	K	K
56 B5	120	-	-	-	-	-
56 B14	80	-	-	-	-	-
63 B5	140	295	333.5	386	463	523
63B14	90	-	-	-	-	-
71 B5	160	295	333.5	386	463	523
71B14	105	-	-	-	-	-
80 B5	200	295	333.5	386	463	523
80 B14	120	-	-	-	-	-
90 B5	200	295	333.5	386	463	523
90 B14	140	-	-	-	-	-
100-112 B5	250	303	341.5	394	471	531
100-112 B14	160	-	-	-	-	-
132 B5	300	324	362.5	415	492	552
132 B14	200	-	-	-	-	-
160 B5	350	358	396.5	465	542	591
180 B5	350	358	396.5	465	542	591
200 B5	400	-	-	449	526	589
225 B5	450	-	-	484	561	612.5
250 B5	550	-	-	-	-	612.5
280 B5	550	-	-	-	-	612.5

(•) Vedi designazione 19 - PMT

(•) See designation 19 - PMT

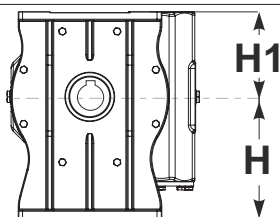
(•) Siehe Beschreibung 19 - PMT

CR - Versione Entrata / Input version / Antriebsausführung					
CR	130	150	180	215	250
d	38	38	48	48	65
tollerance d	h7	h7	h7	h7	h7
L	58	58	82	82	105
m	M12	M12	M16	M16	M20
M	303	341,5	412	489	624,5

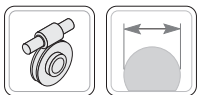
PARTICOLARE CORPO - 215 - 250

DETAIL OF THE GEARCASE - 215 - 250

DETAIL DES GEHÄUSES - 215 - 250



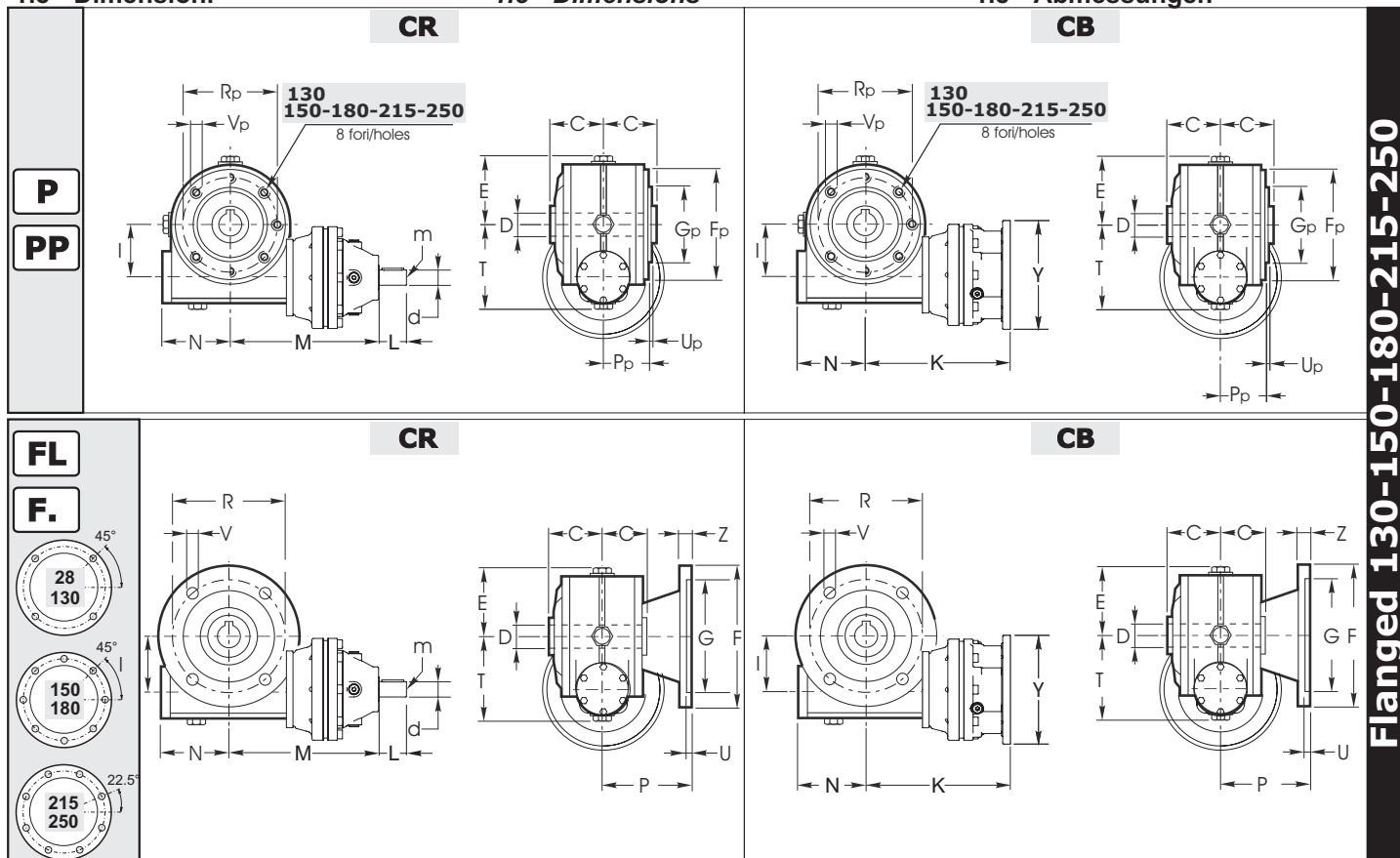
215
250



1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen



Dimensioni generali / Dimensions / Allgemeine Abmessungen					
Dimensions	130	150	180	215	250
C	90	105	120	140	160
D	Standard	48	55	65	90
	Optional	-	-	-	-
tolerance D	H7	H7	H7	H7	H7
I	130	150	180	215	250
N	161,5	189	232	275	329
E	154	178	210	249	289
T	195	224	265	332	383

P - PP - Versioni / Versions / Ausführungen					
Versions - P - PP	130	150	180	215	250
Fp	242	250	300	348	450
Gp	180	180	230	250	350
tolerance Gp	e8	e8	e8	e8	e8
Pp	87	102	117	135	155
Rp	215	215	265	300	400
Up	5	5	5	5	5
Vp	M12	M14	M16	M16	M16



1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen

FL - Versioni / Versions / Ausführungen					
Versions FL	130	150	180	215	250
F	300	350	400	550	550
G	230	250	300	450	450
tollerance G	H8	H8	H8	H8	H8
P	150	160	180	240	245
R	265	300	350	500	500
U	5	6	6,5	7	6
V	15	19	22	18	22
Z	18	18	22	25	25

F1-F2-F3-F4 - Versioni / Versions / Ausführungen	
Versions F1-F2-F3-F4	180
F	F2 400
G	300
tollerance G	H8
P	150
R	350
U	6,5
V	22
Z	22

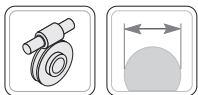
CB - Versione Entrata / Input version / Antriebsausführung							
CB		110	130	150	180	215	250
IEC	Y	K	K	K	K	K	K
56 B5	120	-	-	-	-	-	-
56 B14	80	-	-	-	-	-	-
63 B5	140	-	295	333.5	386	463	523
63B14	90	-	-	-	-	-	-
71 B5	160	-	295	333.5	386	463	523
71B14	105	-	-	-	-	-	-
80 B5	200	229	295	333.5	386	463	523
80 B14	120	-	-	-	-	-	-
90 B5	200	229	295	333.5	386	463	523
90 B14	140	-	-	-	-	-	-
100-112 B5	250	239	303	341.5	394	471	531
100-112 B14	160	-	-	-	-	-	-
132 B5	300	-	324	362.5	415	492	552
132 B14	200	-	-	-	-	-	-
160 B5	350	-	358	396.5	465	542	591
180 B5	350	-	358	396.5	465	542	591
200 B5	400	-	-	-	449	526	589
225 B5	450	-	-	-	484	561	612.5
250 B5	550	-	-	-	-	-	612.5
280 B5	550	-	-	-	-	-	612.5

(•) Vedi designazione 19 - PMT

(•) See designation 19 - PMT

(•) Siehe Beschreibung 19 - PMT

CR - Versione Entrata / Input version / Antriebsausführung					
CR	130	150	180	215	250
d	38	38	48	48	65
tollerance d	h7	h7	h7	h7	h7
L	58	58	82	82	105
m	M12	M12	M16	M16	M20
M	303	341,5	412	489	624,5



1.8 Dimensioni

1.8 Dimensions

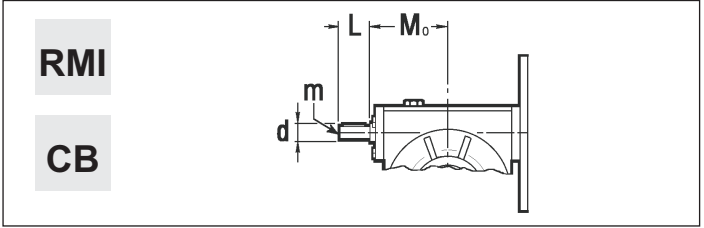
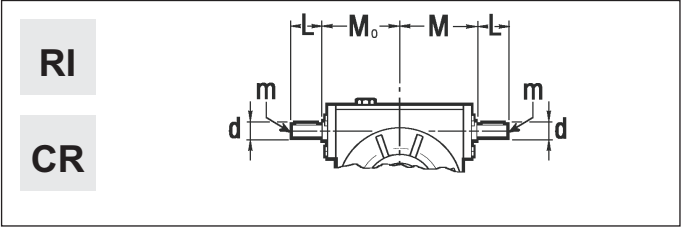
1.8 Abmessungen

Esecuzione con vite bisporgente

Double extended input shaft

Ausführung mit Wellenzapfen auf beiden Seiten

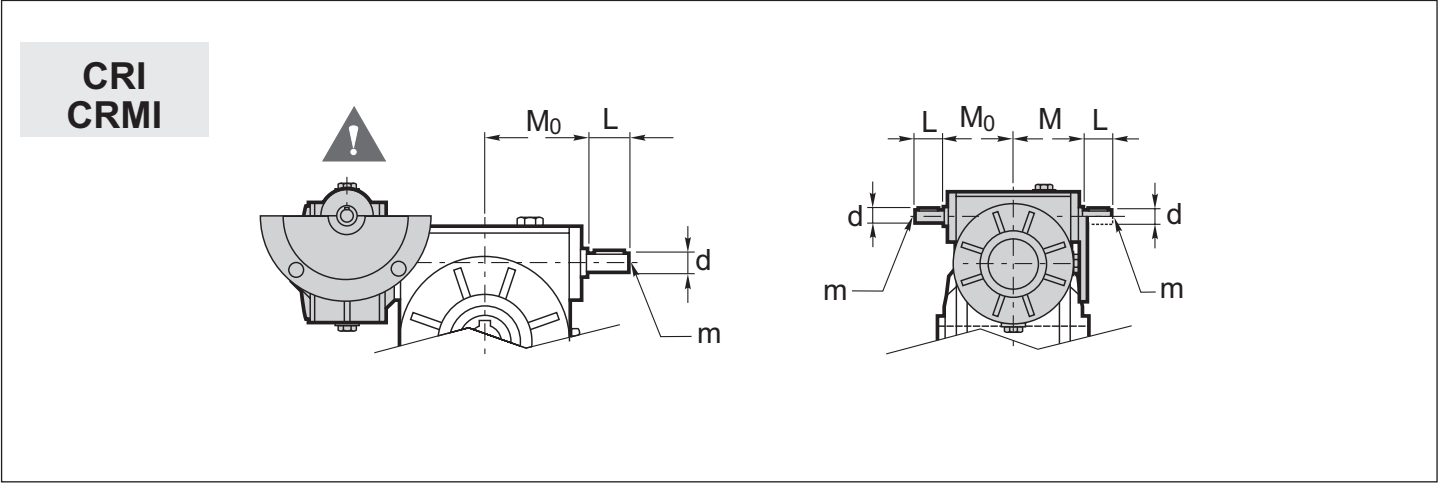
RI - CR - CRI	28	40	50	63	70	85	110	130	150	180	215	250
d	9	11	14	18	19	24	28	38	42	48	48	55
tollerance d	j6	j6	j6	j6	j6	j6	j6	j6	j6	j6	m6	m6
L	20	22	30	45	40	50	60	80	100	110	110	110
m	M4	M5	M6	M6	M8	M8	M8	M10	M12	M14	M16	M12
M	47	64	74	96	97	115	146	166	195	235	289,5	334
M0	47	64	74	85	97	115	146	166	195	235	289,5	334



Nei riduttori combinati è necessario specificare se questa configurazione è riferita al primo riduttore (in entrata) o al secondo riduttore (in uscita).

In combined gearboxes, it is necessary to specify if such configuration refers to the first gearbox (input gearbox) or to the second one (output gearbox).

Bei den Kombinationsgetrieben muß angegeben werden, ob sich die Konfiguration auf das erste Getriebe (Eingang) oder auf das zweite (Ausgang) bezieht.





1.8 Dimensioni

1.8 Dimensions

1.8 Abmessungen

Accoppiamenti

E' inoltre disponibile un kit che permette di combinare modularmente i riduttori, utilizzando un riduttore in entrata in versione flangiata e il riduttore in uscita predisposto con flangia attacco motore IEC. La tabella seguente indica le possibili combinazioni.

Coupling

To make you more flexible it is also possible to supply the gearboxes separately and to combine them with an assembling kit. For this we deliver the input gearbox in the flanged version and the output gearbox with IEC motor connecting flange. The possible combinations and the assembling kits are listed below.

Kupplung

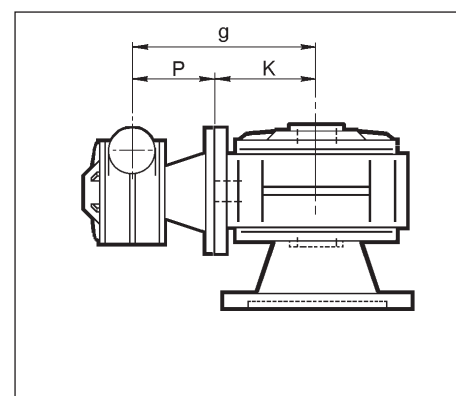
Um bei der Kombination der Getriebe vorort flexibler zu sein, bieten wir einen Montage-Kit an, mit dessen Hilfe ein Standardgetriebe mit Abtriebsflansch in der ersten Übersetzungsstufe und ein Standardgetriebe mit IEC-Eingangsflansch in der zweiten Übersetzungsstufe kombiniert werden können. Die Kombinationsmöglichkeiten sowie die zugehörigen Montage-Kits sind in der folgenden Tabelle aufgelistet.

Nei riduttori e motorvariatori combinati 28/28 e 28/40 (accoppiati con kit di montaggio) l'asse della vite del 1° riduttore è sempre inclinata di 45° rispetto all'asse orizzontale o verticale. Specificare la posizione in fase di ordine.

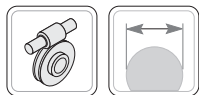
In the combined worm gearboxes and motor-variators 28/28 and 28/40 (coupled with an assembly kit) the wormshaft axis of the first gearbox has always a tilt of 45° compared to the horizontal or vertical axis.

The position has to be specified in the order.

Wird das Kombinationsgetriebe 28/28 und 28/40 mit Hilfe des Montagekits gebildet, so befindet sich die Achse des ersten Getriebes immer in 45° bezüglich zur Horizontalen bzw. Vertikalen. Bei Auftragserteilung bitte die Montageposition angeben.



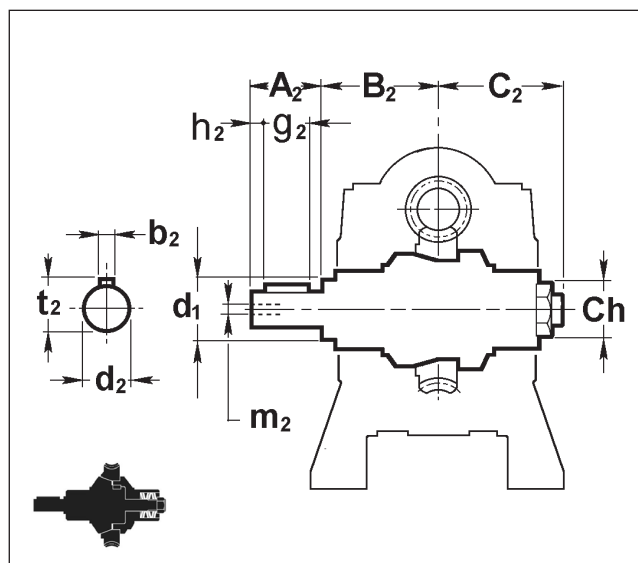
CRI CRMI	P	K	g	Riduttore in entrata Input gearbox Erstes Getriebe	Kit di montaggio Assembling kit Montage-kit	Riduttore uscita Output gearbox Zweites Getriebe
28/28	53	49	102	28 F1	KIT 28/28	28 IEC56 B14
40/40	82	71	153	40 FL	KIT 40/40G	40 IEC63 B5
40/50	82	81	163	40 FL	KIT 40/50G	50 IEC140/14
50/50	91.5	77	168.5	50 FL	KIT 50/50G	50 IEC71 B5
40/63	82	95	177	40 FL	KIT 40/63G	63 IEC140/19
50/63	91.5	95	186.5	50 FL	KIT 50/63G	63 IEC160/19
63/63	82	95	177	63 F3	KIT 63/63G	63 IEC160/19
40/70	8	100	182	40 FL	KIT 40/70	70 IEC140/19
50/70	91.5	100	191.5	50 FL	KIT 50/70	70 IEC160/19
63/70	82	100	182	63 F3	KIT 63/70	70 IEC160/19
70/70	111	100	211	70 FL	KIT 70/70	70 IEC80 B5
40/85	82	120	202	40 FL	KIT 40/85	85 IEC90 B14
50/85	91.5	116	209.5	50 FL	KIT 50/85	85 IEC160/24
63/85	82	116	200	63 F3	KIT 63/85	85 IEC160/24
70/85	111	116	229	70 FL	KIT 70/85	85 IEC90 B5
85/85	100	116	218	85 FL	KIT 85/85	85 IEC90 B5
50/110	91.5	146	237.5	50 FL	KIT 50/110	110 IEC100 B14
63/110	82	146	228	63 F3	KIT 63/110	110 IEC100 B14
70/110	111	145	256	70 FL	KIT 70/110	110 IEC200/28
85/110	100	145	245	85 FL	KIT 85/110	110 IEC200/28
63/130	102	163	265	63 F2	KIT 63/130	130 IEC200/28
110/215	150	285	435	110 FL	KIT 110/215	215 IEC250/42
130/250	150	335	485	130 FL	KIT 130/250	250 IEC300/48



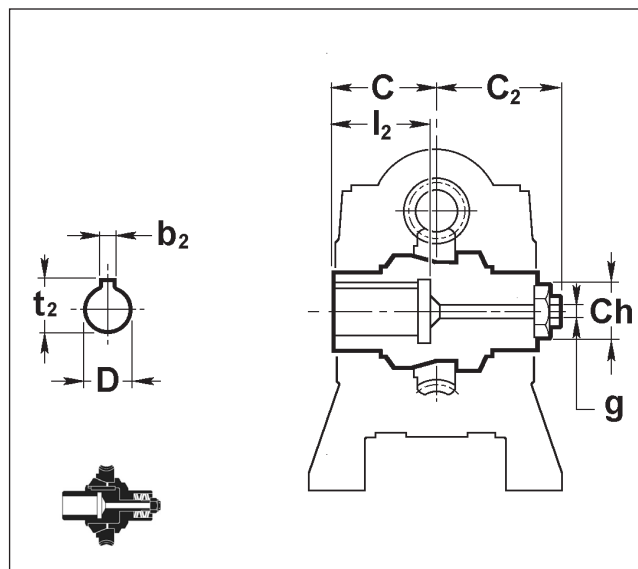
1.8 Dimensioni

1.8 Dimensions

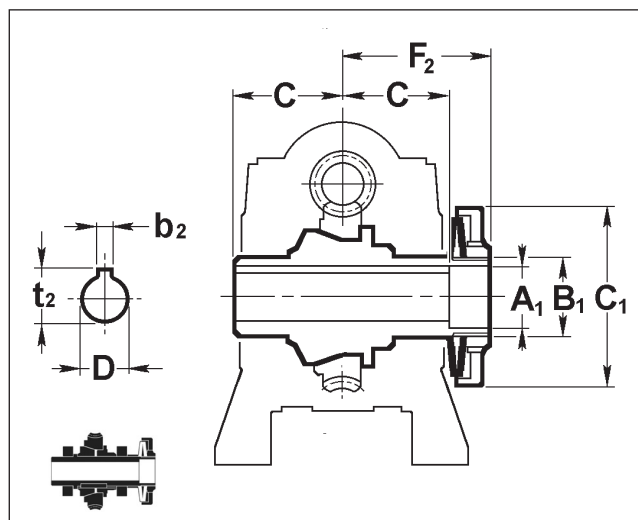
1.8 Abmessungen



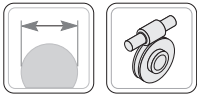
		RI - RMI - CRI - CRMI								
		28	40	50	63	70	85	110	130	150
LP	Ch	17	19	22	24	24	27	32	46	46
	b ₂	5	6	8	8	8	10	12	14	16
	d ₁	17	22	28	32	34	38	50	60	63
	d ₂ k6	14	19	24	25	28	32	42	48	55
	t ₂	16	21.5	27	28	31	35	45	51.5	59
	A ₂	29.5	40	45	60	60	71	100	110	110
	B ₂	31.5	51	59	65	70	71	87.5	110	125
	C ₂	41	49	60	70	66	75	94.5	118	110
	h ₂	5	7	7.5	8	10	10	10	10	10
	g ₂	20	25	30	40	40	50	80	90	90
	m ₂	M6	M8	M8	M8	M8	M10	M10	M10	M12
			40	50		70	85	110		
			CR-CB							



		RI - RMI - CRI - CRMI								
		28	40	50	63	70	85	110	130	150
LC	Ch	17	19	22	24	24	27	32	46	46
	b ₂	5	6	8	8	8	10	12	14	16
	D _{H7}	14	19	24	25	28	32	42	48	55
	t ₂	16.3	21.8	27.3	28.3	31.3	35.3	45.3	51.8	59.3
	C	30	41	49	60	60	61	77.5	90	105
	C ₂	41	49	60	70	66	75	94.5	118	110
	l ₂	27	38	46	53	56	60	90	97	110
	g	4.5	5.5	7	7	9	9	11	11	11
			40	50		70	85	110		
			CR - CB							

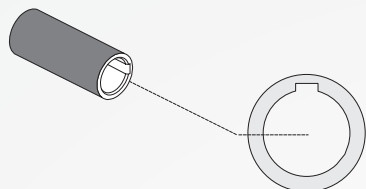


		RI - RMI - CRI - CRMI							
		40	50	63	70	85	110	130	150
LF	D _{H7}	19	24	25	28	32	42	48	55
	b ₂	6	8	8	8	10	12	14	16
	t ₂	21.8	27.3	28.3	31.3	35.3	45.3	51.8	59.3
	A ₁	25	31	32	36	40	51	59	66
	B ₁	M30	M40	M40	M45	M50	M60	M75	M80
	C ₁	70	90	90	100	110	135	140	165
	C	41	49	60	60	61	77.5	90	105
	F ₂	60	74	85	85	84	110.5	130	155
		40	50		70	85	110		
		CR - CB							





STM
team



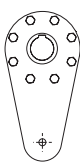
B99



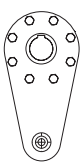
AL



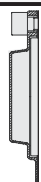
AL
BU



BRS



BRS
VKL



PROT



ELSX

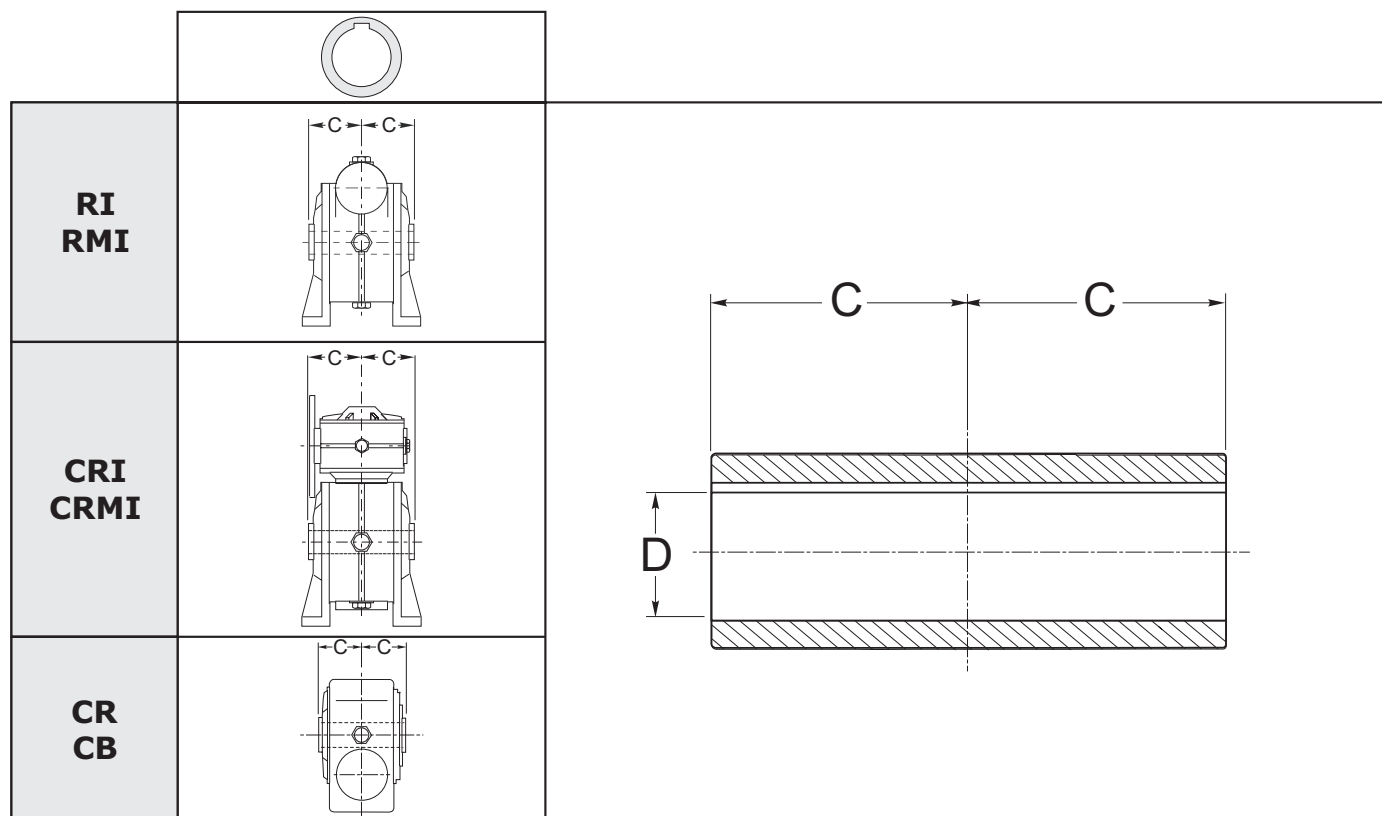
B100



1.8.1 - ALBERI LENTI

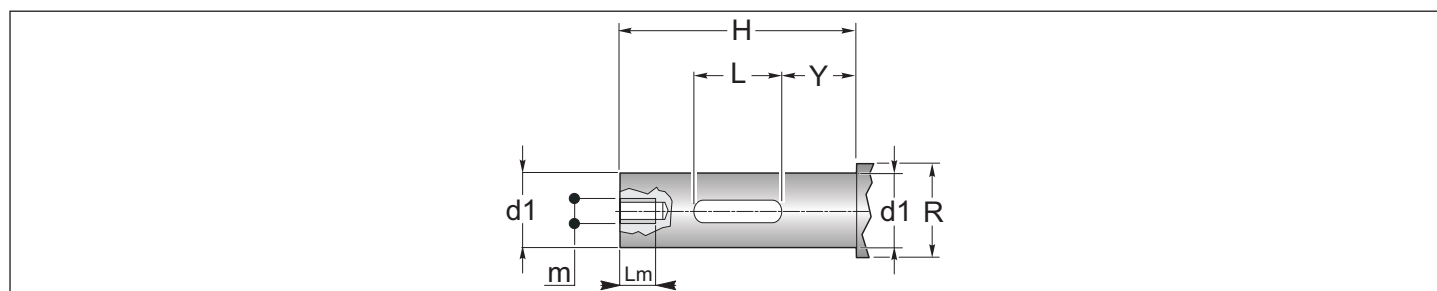
1.8.1 - OUTPUT SHAFT

1.8.1 - ABTRIEBSWELLEN

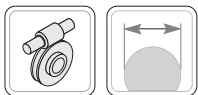


RI - RMI		28	40	50	63	70	85	110	130	150	180	215	250
CRI - CRMI		28/28	28/40 40/40	28/50 40/50	28/63 40/63	28/70 40/70 50/70 63/70	40/85 50/85 63/85 70/85	50/110 63/110 70/110 85/110	63/130 70/130 85/130	85/150 110/150	85/180 110/180 130/180	110/215	13/250
CR - CB		—	40	50	—	70	85	110	130	150	180	215	250
D	Standard	14	19	24	25	28	32	42	48	55	65	90	110
	Optional	-	18	25	-	-	35	-	-	-	-	-	-
tolerance D		H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7	H7
C		30	41	49	60	60	61	77,5	90	105	120	140	160

Perno macchina / Customer shaft / Maschinachse



RI - RMI		28	40	50	63	70	85	110	130	150	180	215	250
CRI - CRMI		28/28	28/40 40/40	28/50 40/50	28/63 40/63	28/70 40/70 50/70 63/70	40/85 50/85 63/85 70/85	50/110 63/110 70/110 85/110	63/130 70/130 85/130	85/150 110/150	85/180 110/180 130/180	110/215	130/250
CR - CB		—	40	50	—	70	85	110	130	150	180	215	250
d1	Standard	14	19	24	25	28	32	42	48	55	65	90	110
	Optional	-	18	25	-	-	35	-	-	-	-	-	-
tolerance d1		g6	g6	g6	g6	g6	g6	g6	g6	g6	g6	g6	g6
H		58	80	95	109	117	119	153	177	207	239	275	315
L		20	40	50	60	60	70	80	90	100	120	160	200
m		M6	M8	M8	M8	M8	M10	M10	M10	M12	M14	M16	M20
Lm		16	16	20	20	20	25	25	25	32	35	40	50
R	Standard	17	22	28	34	34	38	50	58	63	78	109	125
	Optional	-	22	30	-	-	40	-	-	-	-	-	-
Y		20	21	24	30	30	26	37	45	55	60	60	60



1.9 OPT - ACC. - Accessori - Opzioni

1.9 OPT - ACC. - Accessories - Options

1.9 OPT - ACC. Zubehör - Optionen

AL AL - ALBERO LENTO SPORGENTE
AL - SINGLE OUTPUT SHAFTS
AL - EINSEITIGE ABTRIEBSWELLEN

Tutti i riduttori a vite senza fine sono forniti con albero lento cavo.

A richiesta, possono essere forniti alberi lenti come indicato nei disegni dimensionali.

Le dimensioni delle linguette sono conformi alle norme UNI 6604-69.

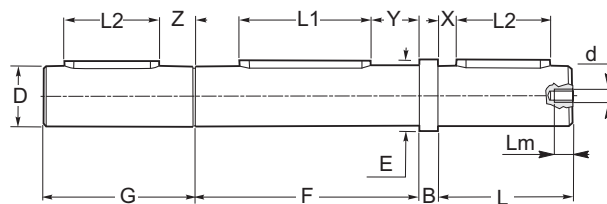
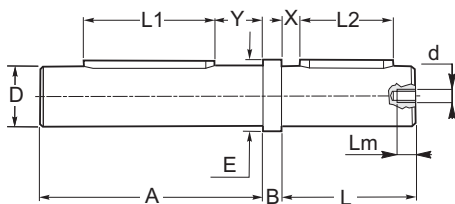
All worm gearboxes are supplied with hollow output shaft. Output shafts as shown in the size drawings can be supplied upon request.

Sizes of feathers comply with standards UNI 6604-69.

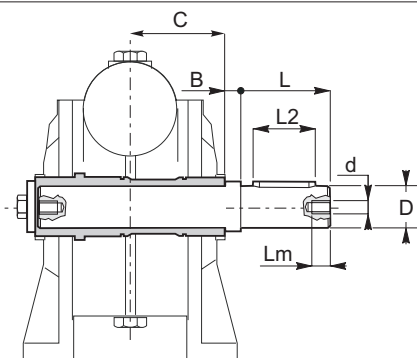
AL_BU AL_BU - ALBERO LENTO BISPORGENTE
AL_BU - DOUBLE OUTPUT SHAFTS
AL_BU - BEIDSEITIGE ABTRIEBSWELLEN

Alle Schneckengetriebe werden mit hohler Abtriebswelle geliefert. Auf Anfrage können Abtriebswellen gemäß den Maßzeichnungen geliefert werden.

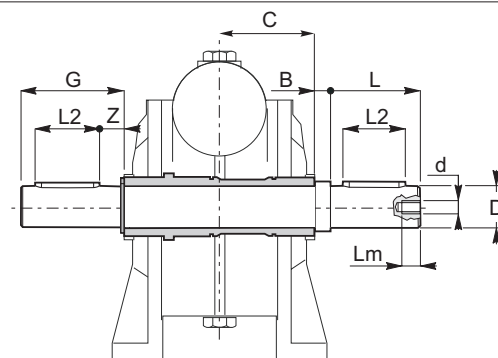
Die Abmessungen der Federn entsprechen den Normen UNI 6604-69.



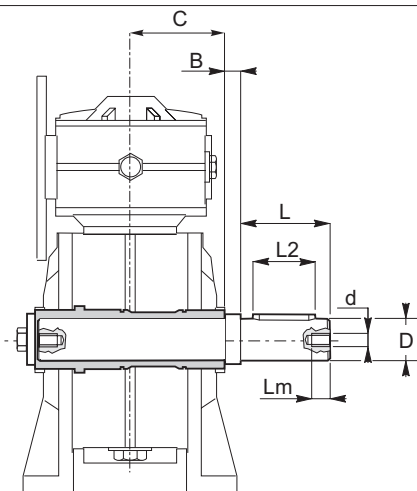
**RI
RMI**



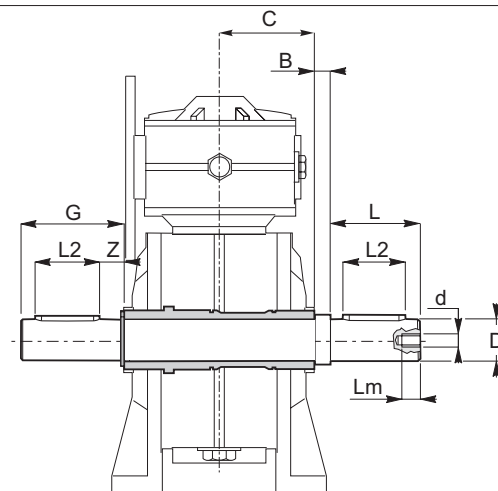
**RI
RMI**



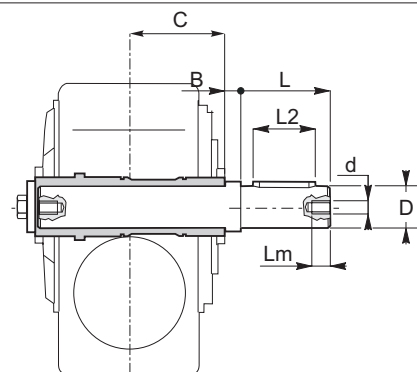
**CRI
CRMI**



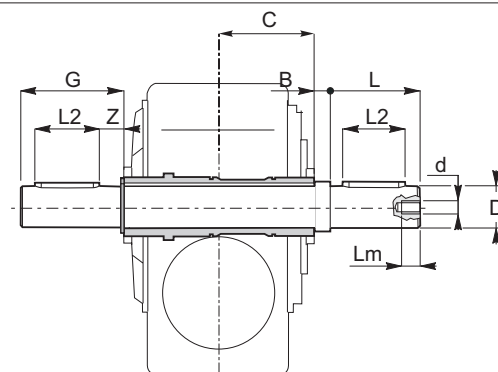
**CRI
CRMI**

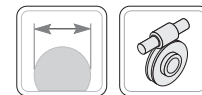


**CR
CB**



**CR
CB**





1.9 OPT - ACC. - Accessori - Opzioni 1.9 OPT - ACC. - Accessories - Options 1.9 OPT - ACC. Zubehör - Optionen

AL AL - ALBERO LENTO SPORGENTE
AL - SINGLE OUTPUT SHAFTS
AL - EINSEITIGE ABTRIEBSWELLEN

AL_BU AL_BU - ALBERO LENTO BISPORGENTE
AL_BU - DOUBLE OUTPUT SHAFTS
AL_BU - BEIDSEITIGE ABTRIEBSWELLEN

RI - RMI	28	40	50	63	70	85	110	130	150	180	215*	250*
CRI - CRMI	28/28	28/40 40/40	28/50 40/50	28/63 40/63	28/70 40/70 50/70 63/70	40/85 50/85 63/85 70/85	50/110 63/110 70/110 85/110	63/130 70/130 85/130	85/150 110/150	85/180 110/180 130/180	110/215 *	130/250 *
CR - CB	—	40	50	—	70	85	110	130	150	180	215*	250*
A	58	80	95	109	117	119	153	177	207	239	-	-
B	1,5	10	10	10	10	10	10	20	20	20	10	10
D	14	19	24	25	28	32	42	48	55	65	90	110
tolerance D	g6	g6	g6	g6	g6	g6	g6	g6	g6	g6	m6	m6
d	M6	M8	M8	M8	M8	M10	M10	M10	M12	M14	M16	M20
E	17	22	28	34	34	38	50	58	63	78	109	125
F	60	82	98	120	120	122	155	180	210	240	-	-
G	31	50	55	70	70	81	110	130	130	150	-	-
L	29,5	40	45	60	60	71	100	110	110	130	130	165
L1	20	40	50	60	60	70	80	90	100	120	-	-
L2	20	25	30	40	40	50	80	90	90	100	110	140
Lm	16	16	20	20	20	25	25	25	32	35	40	50
X	4,5	8	7,5	10	10	10	10	10	10	15	10	12,5
Y	20	21	24	30	30	26	37	15	55	60	-	-
Z	6	18	18	20	20	20	20	30	30	35	-	-

* A richiesta / On request / Auf Anfrage

Grandezza / Size / Größe **215 - 250**

AL - AL_BU - Albero integrale / *integral output shaft* / Integralwelle

ATTENZIONE

L'albero lento sporgente è fornito per essere installato sulla versione del riduttore con albero **CAVO** con diametro **STANDARD**.

ATTENTION

The output shaft is available only for standard hollow shaft diameter.

Achtung:

Die Einseitige Abtriebswelle wird fuer die Montage bei Getrieben mit Standart Hohlwelle geliefert.

N.B.

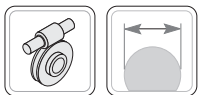
Tutti gli alberi lenti vengono forniti in kit di montaggio completi di linguette, rondelle, viti (e anelli elastici seeger per l'albero bisporgente)

NOTE

All output shafts are supplied in kit complete with feathers, washers and screws (as well as snap rings for the double extended shaft).

HINWEIS

Alle Abtriebswellen werden als Bausätze komplett mit Federn, Scheiben und Schrauben geliefert (bei der beidseitigen Abtriebswelle auch die Seegerringe).



1.9 OPT - ACC. - Accessori - Opzioni

1.9 OPT - ACC. - Accessories - Options

1.9 OPT - ACC. Zubehör - Optionen

BRS VKL - Braccio Reazione Semplice
VKL - Torque arm - Single
VKL - Drehmomentstütze - Normal

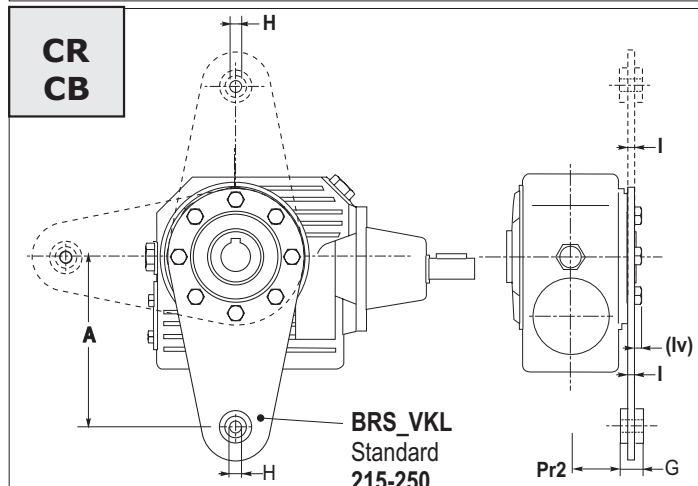
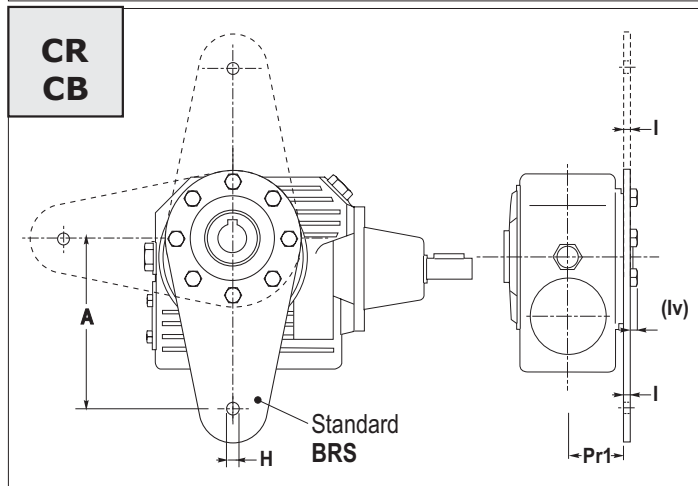
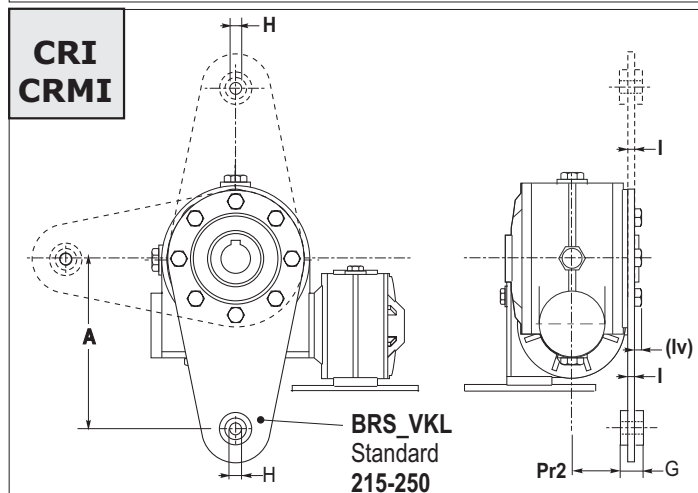
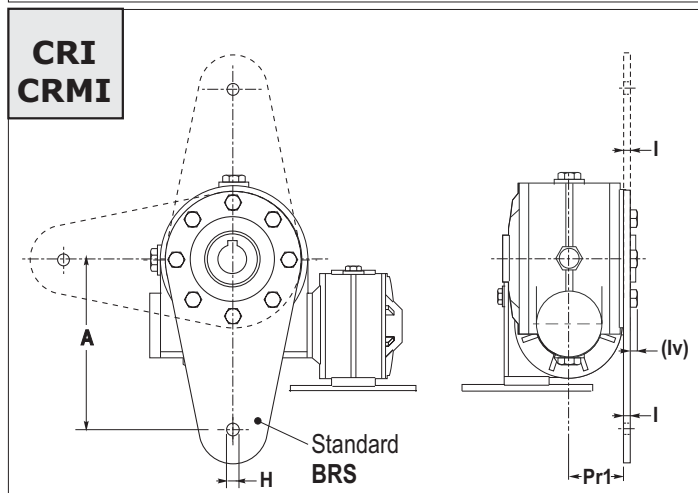
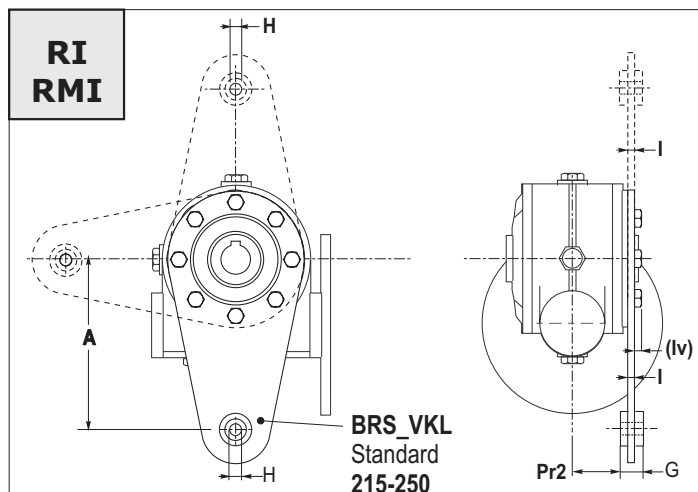
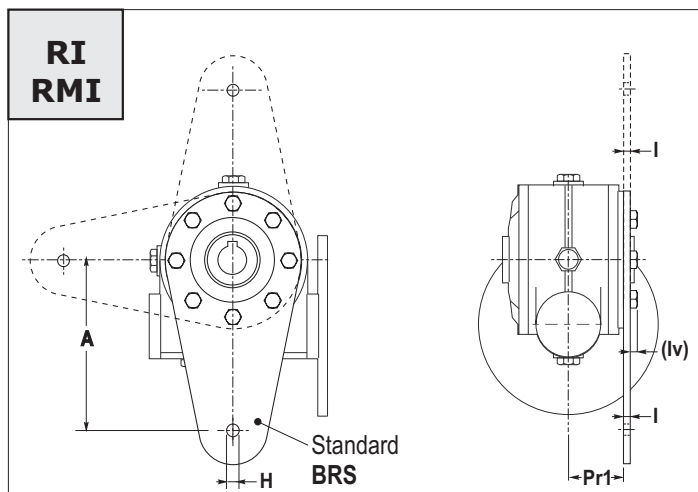
Standard

BRS_VKL BRS_VKL - Braccio Reazione Semplice_con boccola_VKL
BRS_VKL - Torque arm - Single_with VKL_bushing
BRS_VKL - Drehmomentstütze - Normal_mit VKL - Buchse

Per il fissaggio del riduttore mediante tirante, viene fornito in allegato l'apposito braccio di reazione.

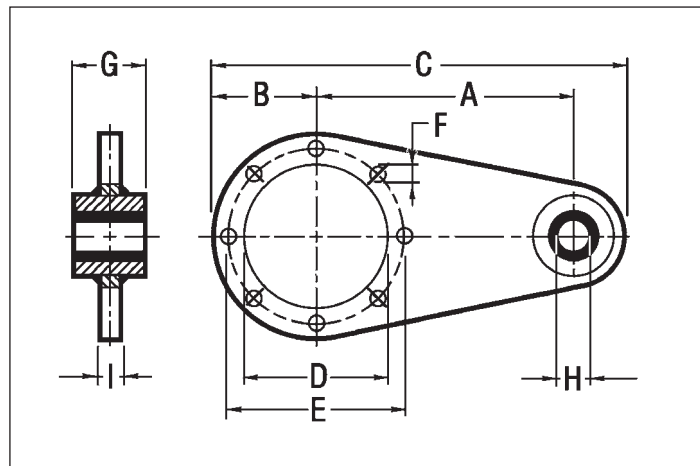
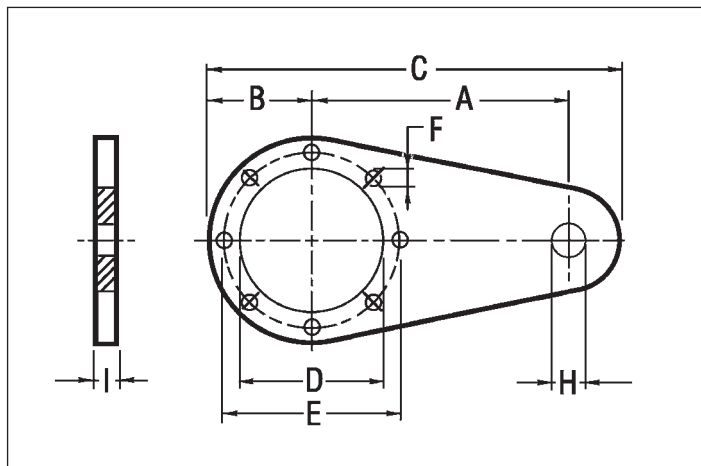
If the gearbox shall be shaft mounted as an extra part there is also available a torque arm.

Soll das Getriebe pendelnd gelagert werden, so ist als Zubehörteil auch eine Drehmomentstütze.

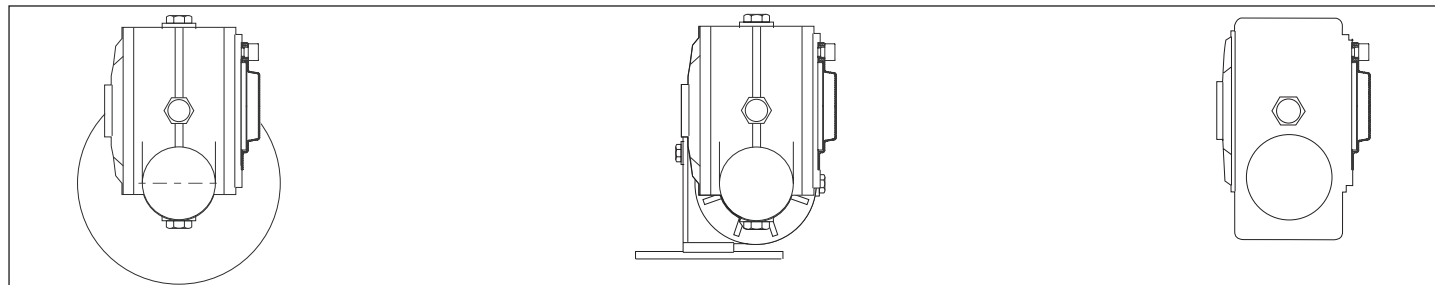
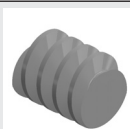


**1.9 OPT - ACC. - Accessori - Opzioni** **1.9 OPT - ACC. - Accessories - Options** **1.9 OPT - ACC. Zubehör - Optionen****BRS****VKL - Braccio Reazione Semplice**
VKL - Torque arm - Single
VKL - Drehmomentstütze - Normal

Standard

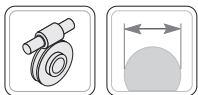
BRS
VKL**BRS_VKL - Braccio Reazione Semplice_con boccola_VKL**
BRS_VKL - Torque arm - Single_with VKL_bushing
BRS_VKL - Drehmomentstütze - Normal_mit VKL - Buchse**B**

RI - RMI	28	40	50	63	70	85	110	130	150	180	215	250
CRI - CRMI	28/28	28/40 40/40	28/50 40/50	28/63 40/63	28/70 40/70 50/70 63/70	40/85 50/85 63/85 70/85	50/110 63/110 70/110 85/110	63/130 70/130 85/130	85/150 110/150	85/180 110/180 130/180	110/215	130/250
CR - CB	—	40	50	—	70	85	110	130	150	180	215	250
A	70	90	100	150	150	200	250	300	350	400	350	400
B	34,5	50	52,5	53	60	75	100	120	125	150	175	225
C	119,5	165	177,5	230	240	313	388	465	525	610	625	725
D	42,15	60	70	70	80	110	130	180	180	230	250	350
E	56	83	85	85	100	130	165	215	215	265	300	400
F	6,5	7	9	9	9	11	13	13	15	17	17	19
G	—	15	15	20	20	25	25	30	30	35	60	60
H	9	10	10	10	10	20	20	25	25	35	50	50
I	4	4	4	6	6	6	6	6	6	10	8	10
Pr1	36	38	49	57,5	57	56,5	74	87	102	117	—	—
Pr2	—	32,5	43,5	50,5	50	47	64,5	75	90	104,5	109	130

PROT**PROT. - Coperchio di protezione****PROT. - Protection cover****PROT - Schutzeinrichtungdeckel****ELSX****ELSX - Vite senza fine - Elica Sinistra****ELSX - Worm Geraboxe - Left helix****ELSX - Linksgängige Schraubenlinie der Schneke**

Standard

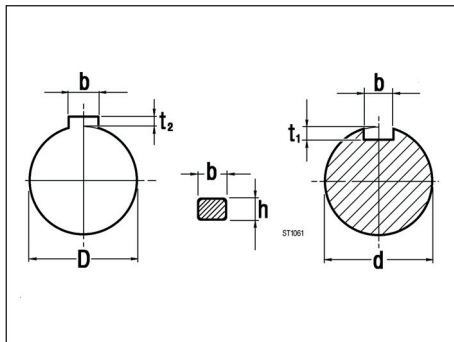




1.10 Linguette

1.10 Keys

1.10 Paßfedern



Albero entrata
Input shaft
Antriebswelle

d	b x h	t ₁	
9	3 x 3	1.8	+0.1 0
11	4 x 4	2.5	
14	5 x 5	3.0	
18	6 x 6	3.5	
19	6 x 6	3.5	
24	8 x 7	4.0	+0.2 0
28	8 x 7	4.0	
30	8 x 7	4.0	
35	10 x 8	5.0	
38	10 x 8	5.0	
42	12 x 8	5.0	
48	14 x 9	5.5	
55	16 x 10	6.0	
65	18 x 11	7.0	

Albero uscita
Output shaft
Abtriebswelle

D	b x h	t ₂	
11	4 x 4	1.8	+0.1 0
14	5 x 5	2.3	
18	6 x 6	2.8	
19	6 x 6	2.8	
24	8 x 7	3.3	
25	8 x 7	3.3	+0.2 0
28	8 x 7	3.3	
30	8 x 7	3.3	
32	10 x 8	3.3	
35	10 x 8	3.3	
40	10 x 8	3.3	
42	12 x 8	3.3	
48	14 x 9	3.8	
50	14 x 9	3.8	
55	16 x 10	4.3	
60	18 x 11	4.3	
65	18 x 11	4.4	
70	20 x 12	4.9	
80	22 x 14	5.4	
90	25 x 14	5.4	
100	28 x 16	6.4	
110	28 x 16	6.4	