

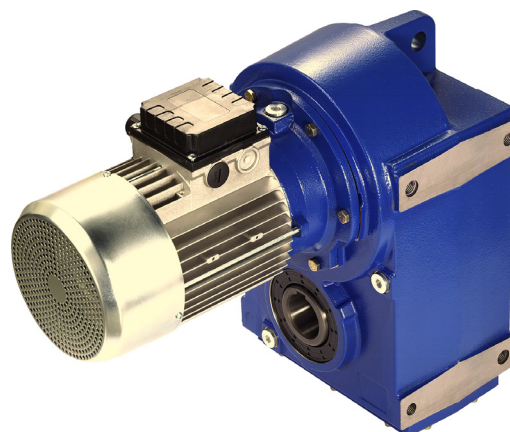
Motoriduttori e riduttori pendolari
 Shaft mounted geared motors and gear units
 Flachgetriebemotoren und Flachgetriebe
 Motoréducteurs et réducteurs pendulaires
 Motorreductores y reductores pendulares

S

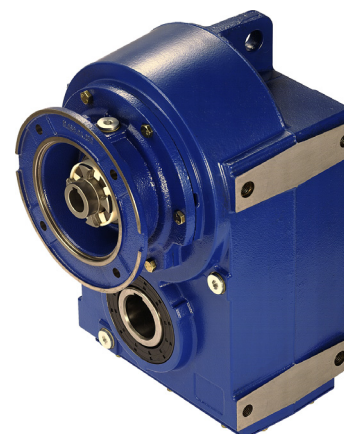


ЗАО "СЕРВОТЕХНИКА-НЕВА"
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 Московский пр. 212 офис 3061
 Тел./Факс: (812)380-15-31
 E-mail: info@servotech.spb.ru
 Web: www.servotech.spb.ru

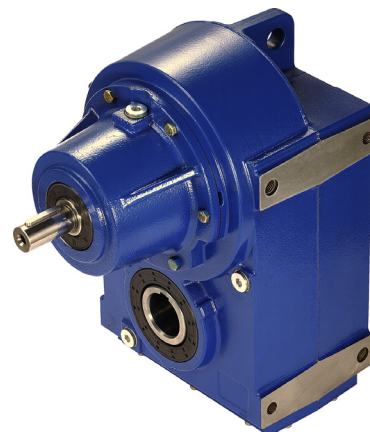
CS

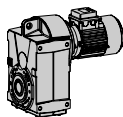


S - PS



IS

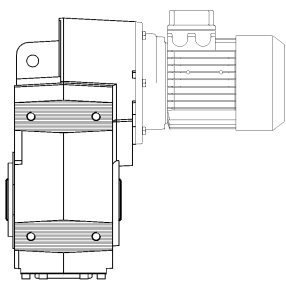
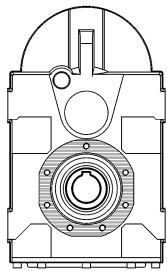
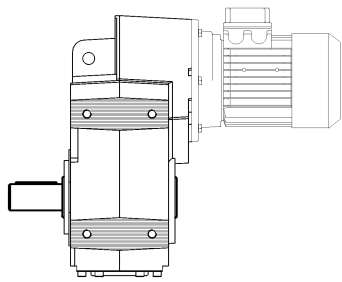
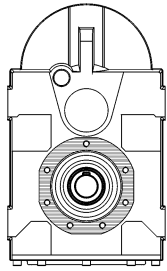
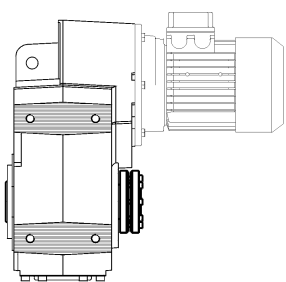
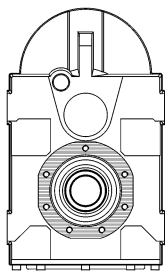


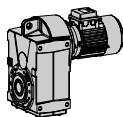


Designazione / Designation / Bezeichnung / Désignation / Designación

CS - S - IS

CS	Motoriduttore pendolare compatto (fornito completo di motore). Compact shaft mounted gear reducer (supplied with motor). Kompact Flachgetriebemotor (geliefert mit Motor). Motoréducteur pendulaire compact (fourni complet avec le moteur). Motorreductor pendular compacto (con motor).		
S	Motoriduttore pendolare predisposto per motore UNEL. Shaft mounted gear reducer to be fitted to UNEL motor. Flachgetriebemotor zum Anbau an UNEL Motor. Motoréducteur pendulaire prédisposé pour moteur UNEL. Motorreductor pendular con entrada tipo PAM.		
IS	Riduttore pendolare Shaft mounted gear reducer Flachgetriebe Réducteur pendulaire Reductor pendular.		
103	Grandezza 100, 3 stadi di riduzione, serie in ghisa. Size 100, 3 reduction stages, cast iron series. Baugröße 100 - 3 Übersetzungsstufen - Ausführung in Grauguss. Grandeur 100, 3 trains d'engrenages, série en fonte. Tamaño 100, 3 trenes de engranajes, gama de fundición.		
C - D - L	Versioni alberi di uscita. Output shaft versions. Ausführungen Abtriebswelle. Version arbre de sortie. Versión eje de salida.		
FA - FB FC	Flangia uscita. Output flange. Abtriebsflansch. Bride de sortie. Brida de salida.		
91,3	Rapporto di riduzione Reduction ratio Übersetzungsverhältnis Rapport de réduction Relación de reducción		
B3	Posizione di piazzamento Mounting position Einbaulage Position de montage Posición de montaje		
dimensioni di entrata / input dimensions / Abmessungen antriebsseitig / dimensions d'entrée / dimensiones de entrada			
PAM	Predisposto per attacco motore Fitted for motor coupling für Motoranbau vorbereitet Prédisposé pour montage moteur standard Predispueto para montaje motor		
160	Diametro flangia motore Motor flange diameter Motorflansch-Durchmesser Diamètre bride moteur Diámetro brida motor	14	Diametro albero motore Drive-shaft diameter Motorwellen-Durchmesser Diamètre arbre moteur Diámetro eje motor
dimensioni di uscita / output dimensions / Abmessungen abtriebsseitig / dimensions de sortie / dimensiones de salida			
250	Diametro flangia uscita. Output flange diameter. Durchmesser Abtriebsflansch. Diamètre de la bride de sortie. Diámetro brida de salida.	40	Diametro albero uscita Output shaft diameter Durchmesser Abtriebswelle Diamètre de l'arbre de sortie Diámetro eje de salida.

 	S ... C - Fissaggio piede-flangia / albero cavo. - Foot-flange mounting / hollow shaft. - Fuß-Flanschbefestigung / Hohlwelle. - Fixation à pattes et bride / arbre creux. - Fijación patas-bridá / eje hueco.
 	S ... D - Fissaggio piede-flangia / albero pieno D. - Foot-flange mounting / D solid shaft. - Fuß-Flanschbefestigung / D Vollwelle. - Fixation à pattes et bride / arbre en D. - Fijación patas-bridá / eje macizo D.
 	S ... L - Fissaggio piede-flangia / albero calettatore. - Foot-flange mounting / shrink disc shaft. - Fuß-Flanschbefestigung / Schrumpfscheibe. - Fixation à pattes / bride arbre avec frette. - Fijación patas-bridá / eje hueco con aro de apriete.



Predisposizione / Predisposition / Motoranbau / Pr  disposition / Predisposici  n

CS - S - PS ... 052

i	071	080	090	100	112
8.6	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
11.1	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
13.7	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
15.3	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
16.3	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
18.6	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
21.0	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
24.1	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
25.8	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
27.8	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
30.0	B5-B11	B5-B11	B5-B11		
32.6	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
36.5	B5-B11	B5-B11	B5-B11		
39.9	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
42.6	B5-B11	B5-B11	B5-B11		
47.2	B5-B11	B5-B11	B5-B11		
52.3	B5-B11	B5-B11	B5-B11		
57.9	B5-B11	B5-B11	B5-B11		
72.8	B5-B11	B5-B11	B5-B11		

CS - S - PS ... 053

i	063	071	080	090
74.2	B5-B11	B5-B11	B5-B11	B5-B11
95.8	B5-B11	B5-B11	B5-B11	B5-B11
117.5	B5-B11	B5-B11	B5-B11	B5-B11
137.5	B5-B11	B5-B11	B5-B11	B5-B11
177.5	B5-B11	B5-B11	B5-B11	B5-B11
198.5	B5-B11	B5-B11		
217.6	B5-B11	B5-B11	B5-B11	B5-B11
256.3	B5-B11	B5-B11		
314.2	B5-B11	B5-B11		

CS - S - PS ... 062

i	071	080	090	100	112
8.0		B5-B11	B5-B11	B5-B11	B5-B11
9.5		B5-B11	B5-B11	B5-B11	B5-B11
11.7		B5-B11	B5-B11	B5-B11	B5-B11
13.4		B5-B11	B5-B11	B5-B11	B5-B11
15.9		B5-B11	B5-B11	B5-B11	B5-B11
19.6		B5-B11	B5-B11	B5-B11	B5-B11
23.2	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
25.1	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
27.7	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
30.0	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
33.9	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
36.6	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
39.4	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
43.6	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
46.1	B5-B11	B5-B11	B5-B11		
53.5	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
55.0	B5-B11	B5-B11	B5-B11		
67.5	B5-B11	B5-B11	B5-B11		

CS - S - PS ... 063

i	071	080	090
81.4	B5-B11	B5-B11	B5-B11
99.9	B5-B11	B5-B11	B5-B11
126.4	B5-B11	B5-B11	B5-B11
150.9	B5-B11	B5-B11	B5-B11
185.0	B5-B11	B5-B11	B5-B11
217.8	B5-B11		
267.2	B5-B11		

CS - S - PS ... 082

i	080	090	100	112	132
7.3	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
8.1	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
9.9	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
11.6	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
12.8	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
15.7	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
17.3	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
20.1	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
22.1	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
24.0	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
27.3	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
28.7	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
31.8	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
34.9	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
40.1	B5-B11	B5-B11	B5-B11	B5-B11	
43.1	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
50.3	B5-B11	B5-B11	B5-B11	B5-B11	
54.3	B5-B11	B5-B11	B5-B11	B5-B11	
62.0	B5-B11	B5-B11	B5-B11	B5-B11	

CS - S - PS ... 083

i	071	080	090	100	112
67.5		B5-B11	B5-B11	B5-B11	B5-B11
74.2		B5-B11	B5-B11	B5-B11	B5-B11
91.5		B5-B11	B5-B11	B5-B11	B5-B11
117.2	B5-B11	B5-B11	B5-B11		
128.7	B5-B11	B5-B11	B5-B11		
158.8	B5-B11	B5-B11	B5-B11		
184.9	B5-B11	B5-B11	B5-B11		
203.1	B5-B11	B5-B11	B5-B11		
250.5	B5-B11	B5-B11	B5-B11		
292.4	B5-B11	B5-B11	B5-B11		
315.7	B5-B11	B5-B11	B5-B11		
360.6	B5-B11	B5-B11	B5-B11		

Predisposizione / Predisposition / Motoranbau / Pr disposition / Predisposici n

CS - S - PS ... 102

i	080	090	100	112	132	160
8.1	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
8.8	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
10.9	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
12.8	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
14.0	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
17.2	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
19.0	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	
22.1	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	
24.3	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	
26.3	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	
29.9	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	
32.4	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	
34.9	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	
38.3	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	
44.0	B5-B11	B5-B11	B5-B11	B5-B11		
47.1	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	
55.1	B5-B11	B5-B11	B5-B11	B5-B11		
59.4	B5-B11	B5-B11	B5-B11	B5-B11		
67.8	B5-B11	B5-B11	B5-B11	B5-B11		

CS - S - PS ... 103

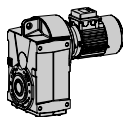
i	071	080	090	100	112
74.2		B5-B11	B5-B11	B5-B11	B5-B11
81.4		B5-B11	B5-B11	B5-B11	B5-B11
100.1		B5-B11	B5-B11	B5-B11	B5-B11
110.5	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
128.7	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
141.2	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
173.8	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
203.1	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
222.9	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
274.2	B5-B11	B5-B11	B5-B11		
320.8	B5-B11	B5-B11	B5-B11		
345.6	B5-B11	B5-B11	B5-B11		
394.7	B5-B11	B5-B11	B5-B11		

CS - S - PS ... 122

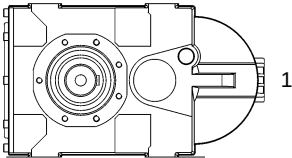
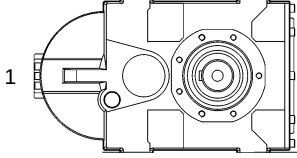
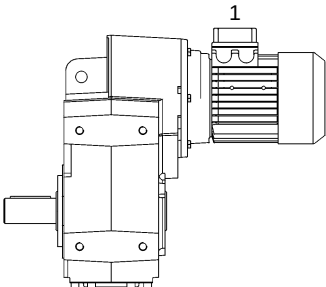
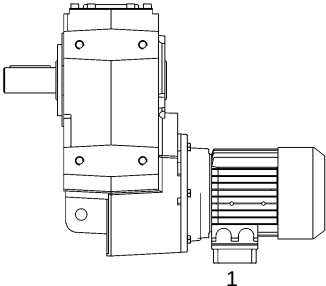
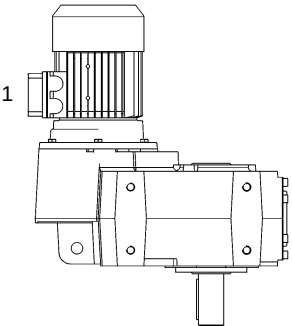
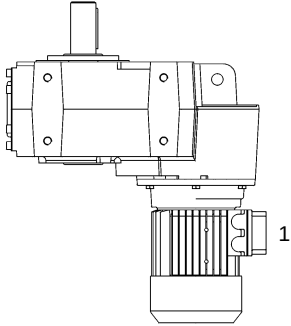
i	080	090	100	112	132	160	180	200
8.5						B5-B11	B5-B11	B5
9.3						B5-B11	B5-B11	B5
11.4						B5-B11	B5-B11	B5
12.6						B5-B11	B5-B11	B5
13.8						B5-B11	B5-B11	B5
17.0						B5-B11	B5-B11	B5
21.3			B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	
23.3			B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	
26.2			B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	
28.6			B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	
30.5			B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	
33.4			B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	
35.2			B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	
41.1			B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	
43.6	B5	B5-B11	B5-B11	B5-B11	B5-B11			
49.0	B5	B5-B11	B5-B11	B5-B11	B5-B11			
53.8	B5	B5-B11	B5-B11	B5-B11	B5-B11			
66.0	B5	B5-B11	B5-B11	B5-B11	B5-B11			

CS - S - PS ... 123

i	080	090	100	112	132
71.1			B5-B11	B5-B11	B5-B11
87.3			B5-B11	B5-B11	B5-B11
112.5	B5	B5-B11	B5-B11	B5-B11	B5-B11
123.3	B5	B5-B11	B5-B11	B5-B11	B5-B11
133.8	B5	B5-B11	B5-B11	B5-B11	B5-B11
151.4	B5	B5-B11	B5-B11	B5-B11	B5-B11
177.5	B5	B5-B11	B5-B11	B5-B11	B5-B11
194.6	B5	B5-B11	B5-B11	B5-B11	B5-B11
238.9	B5	B5-B11	B5-B11	B5-B11	B5-B11
280.1	B5	B5-B11	B5-B11	B5-B11	
301.2	B5	B5-B11	B5-B11	B5-B11	
343.9	B5	B5-B11	B5-B11	B5-B11	



Piazzamento / Mounting positions / Einbaulage / Pos. de montage / Pos. de montaje

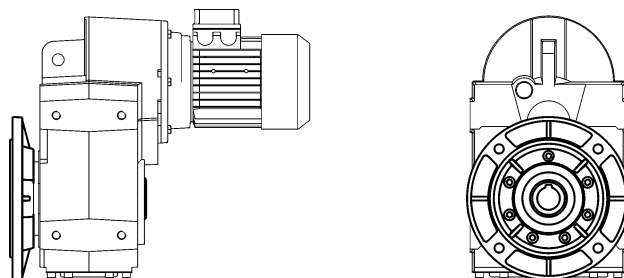
B3	B8
	
B6	B7
	
V5	V6
	

- Per le posizioni di piazzamento verticali verificare quanto detto a pag.10-11.
- For vertical positions, check with pages 10-11.
- Für die vertikalen Einbaulagen siehe Seite 10-11.
- Pour les positions de montage verticales, voir pages 10 et 11.
- Para las posiciones de montaje verticales, ver las páginas 10-11.

- Se non diversamente specificato le posizioni standard sono B3.
- Unless specified otherwise, the standard positions are B3.
- Falls nicht anders angegeben, sind B3 die Standardeinbaulagen.
- Si non specificato, le posizioni standard sono B3.
- Si no se especifica el contrario, las posiciones estándar son B3.

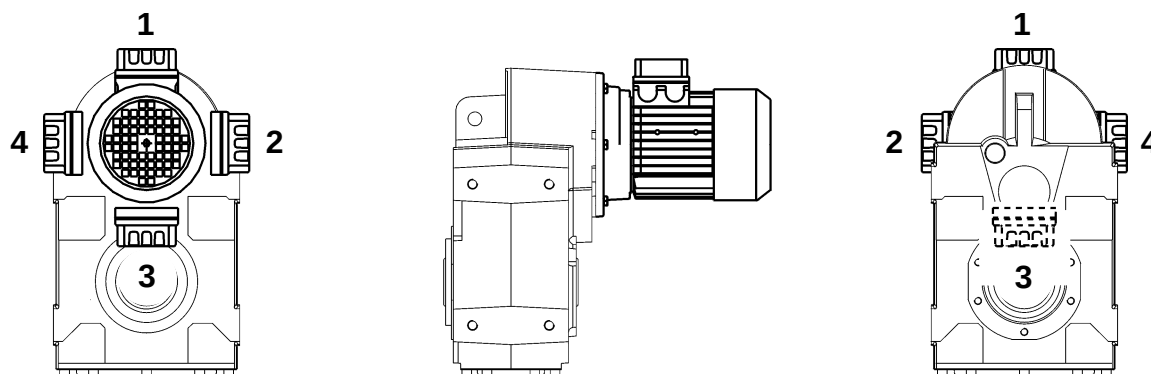
- Per le posizioni di piazzamento non previste occorre rivolgersi al ns. Servizio tecnico.
- For positions not envisaged, it is necessary to call our Technical Service.
- Für nicht angegebene Einbaulagen setzen Sie sich bitte mit unserem Kundendienst in Verbindung.
- Pour les positions de montage non prévues, contacter notre S.c.e technique.
- Para las posiciones de montaje no previstas, es necesario ponerse en contacto con nuestro Servicio técnico.

Flangia / Flange / Flansch / Flasque / Flasque-bride

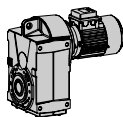


Piazzamento / Mounting positions / Einbaulage / Pos. de montage / Pos. de montage

Posizione morsettieria
Position of terminal box
Klemmenkastenlage
Position du bornier
Posición caja de bornes

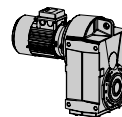


- Nel caso di particolari esigenze specificare in fase di ordine la posizione della morsetteria come da schema.
- In the case of specific requirements, when ordering, specify the position of the terminal box as shown in the diagram.
- Im Falle von Sonderanforderungen ist bei Auftragserteilung die Lage des Klemmenkastens gemäß dem Schema genau anzugeben.
- En cas d'exigences particulières, spécifier, lors de la commande, la position du bornier comme d'après le schéma.
- En caso de exigencias particulares, detallar en el pedido, la posición de la caja de bornes según el esquema.
- Se non diversamente specificato, il gruppo viene fornito con morsettieria in pos.1.
- Unless otherwise specified, the gear reducer is supplied with terminal box in position 1.
- Sofern nichts gegenteiliges angegeben, wird der Schneckengetriebemotor mit Klemmkastenlage 1 geliefert.
- Sauf indications contraires, le réducteur est fourni avec boîte à borne en position 1.
- Si no esta diferentemente especificado, el motorreductor se monta con la caja de bornes en posición 1.

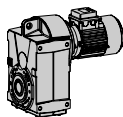


IS (n1=1400) Prestazioni / Performance / Leistungen / Performances / Prestaciones

M2 (Nm)	i	P1 (kW)	n2 (1/min)	Grandezza, Size, Größe, Taille, Tamaño	Fr1 (N)	Fr2 DSP (N)	Fr2 C (N)	
0.12	7.9	137	2.56	177.5	S053	63A4	6000	212-213
	7.1	153	2.29	198.5			6000	
	6.4	167	2.09	217.6			6000	
	5.5	197	1.77	256.3			6000	
	4.5	242	1.45	314.2			6000	
0.18	11.9	136	2.58	117.5	S053	63B4	6000	212-213
	10.2	159	2.21	137.5			6000	
	7.9	205	1.71	177.5			6000	
	7.1	229	1.53	198.5			6000	
	6.4	251	1.39	217.6			6000	
	5.5	296	1.18	256.3			6000	
	4.5	363	0.97	314.2			6000	
0.25	14.6	154	2.28	95.8	S053	71A4	6000	212-213
	11.9	188	1.86	117.5			6000	
	10.2	220	1.59	137.5			6000	
	7.9	285	1.23	177.5			6000	
	7.1	318	1.10	198.5			6000	
	6.4	349	1.00	217.6			6000	
	5.5	411	0.85	256.3			6000	
	9.3	242	2.48	150.9	S063	71A4	10000	214-215
	7.6	297	2.02	185.0			10000	
	6.4	349	1.72	217.8			10000	
	5.2	428	1.40	267.2			10000	
	5.6	402	2.49	250.5	S083	71A4	18000	216-217
	4.8	469	2.13	292.4			18000	
	4.4	506	1.98	315.7			18000	
	3.9	578	1.73	360.6			18000	
0.37	24.2	140	2.50	57.9	S052	71B4	6000	212-213
	19.2	176	1.98	72.8			6000	
	18.9	176	1.99	74.2	S053	71B4	6000	212-213
	14.6	227	1.54	95.8			6000	
	11.9	279	1.26	117.5			6000	
	10.2	326	1.07	137.5			6000	
	14.0	237	2.53	99.9	S063	71B4	10000	214-215
	11.1	300	2.00	126.4			10000	
	9.3	358	1.68	150.9			10000	
	7.6	439	1.37	185.0			10000	
	6.4	517	1.16	217.8			10000	
	5.2	634	0.95	267.2			10000	
	7.6	439	2.28	184.9	S083	71B4	18000	216-217
	6.9	482	2.08	203.1			18000	
	5.6	594	1.68	250.5			18000	
	4.8	694	1.44	292.4			18000	
	4.4	749	1.33	315.7			18000	
	3.9	855	1.17	360.6			18000	
	4.4	761	2.10	320.8	S103	71B4	22000	218-219
	4.1	820	1.95	345.6			22000	
	3.5	936	1.71	394.7			22000	
0.55	32.8	154	2.28	42.6	S052	80A4	6000	212-213
	29.7	170	2.06	47.2			6000	
	26.8	188	1.86	52.3			6000	

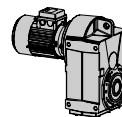

Prestazioni / Performance / Leistungen / Performances / Prestaciones (n1=1400) IS

M2 (Nm)	i	P1 (kW)	n2 (1/min)	Grandezza, Size, Größe, Taille, Tamaño	Fr1 (N)	Fr2 DSP (N)	Fr2 C (N)		
0.55	24.2	208	1.68	57.9	S052	80A4	6000	6000	212-213
	19.2	262	1.33	72.8			6000	6000	
	18.9	262	1.34	74.2	S053	80A4	6000	6000	212-213
	14.6	338	1.04	95.8			6000	6000	
	20.8	243	2.47	67.5	S062	80A4	10000	4000	214-215
	17.2	287	2.09	81.4	S063	80A4	10000	4000	214-215
	14.0	352	1.70	99.9			10000	4000	
	11.1	446	1.35	126.4			10000	4000	
	9.3	532	1.13	150.9			10000	4000	
	10.9	454	2.20	128.7	S083	80A4	18000	9236	216-217
	8.8	560	1.79	158.8			18000	7200	
	7.6	652	1.53	184.9			18000	7200	
	6.9	716	1.40	203.1			18000	7200	
	5.6	883	1.13	250.5			18000	7200	
	4.8	1031	0.97	292.4			18000	7200	
	4.4	1113	0.90	315.7			18000	7200	
	6.9	716	2.23	203.1	S103	80A4	22000	9000	218-219
	6.3	786	2.04	222.9			22000	9000	
	5.1	967	1.65	274.2			22000	9000	
	4.4	1131	1.41	320.8			22000	9000	
	4.1	1219	1.31	345.6			22000	9000	
	3.5	1392	1.15	394.7			22000	9000	
0.75	46.7	147	1.97	30.0	S052	80B4	5727	5727	212-213
	43.0	160	1.88	32.6			5834	5834	
	38.3	179	1.84	36.5			5983	5983	
	35.1	196	1.79	39.9			6000	6000	
	32.8	209	1.67	42.6			6000	6000	
	29.7	232	1.51	47.2			6000	6000	
	26.8	257	1.36	52.3			6000	6000	
	24.2	284	1.23	57.9			6000	6000	
	19.2	358	0.98	72.8			6000	6000	
	18.9	357	0.98	74.2	S053	80B4	6000	6000	212-213
	26.2	263	2.28	53.5	S062	80B4	10000	4000	214-215
	25.5	270	2.22	55.0			10000	4000	
	20.8	331	1.81	67.5			10000	4000	
	17.2	392	1.53	81.4	S063	80B4	10000	4000	214-215
	14.0	480	1.25	99.9			10000	4000	
	11.1	608	0.99	126.4			10000	4000	
	11.9	564	1.77	117.2	S083	80B4	18000	8925	216-217
	10.9	619	1.62	128.7			18000	9236	
	8.8	764	1.31	158.8			18000	7200	
	7.6	889	1.12	184.9			18000	7200	
	6.9	977	1.02	203.1			18000	7200	
	8.1	836	1.91	173.8	S103	80B4	22000	9000	218-219
	6.9	977	1.64	203.1			22000	9000	
	6.3	1072	1.49	222.9			22000	9000	
	5.1	1319	1.21	274.2			22000	9000	
	4.4	1543	1.04	320.8			22000	9000	
	4.1	1662	0.96	345.6			22000	9000	

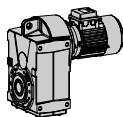


S Prestazioni / Performance / Leistungen / Performances / Prestaciones

P1 (kW)	n2 (1/min)	M2 (Nm)	f.s.	i	Grandezza, Size, Größe, Taille, Tamaño		Fr2 DSP (N)	Fr2 C (N)	
0.75	4.6	1448	2.07	301.2	S123	80B4	30000	11200	220-221
	4.1	1654	1.81	343.9			30000	11200	
0.92	58.2	145	1.79	24.1	S052	80C4	5279	5279	212-213
	54.3	155	1.87	25.8			5360	5360	
	50.3	168	1.73	27.8			5447	5447	
	46.7	181	1.60	30.0			5533	5533	
	43.0	196	1.53	32.6			5624	5624	
	38.3	220	1.50	36.5			5747	5747	
	35.1	240	1.46	39.9			5836	5836	
	32.8	257	1.36	42.6			5900	5900	
	29.7	284	1.23	47.2			5993	5993	
	26.8	315	1.11	52.3			6000	6000	
	24.2	349	1.00	57.9			6000	6000	
	30.4	278	2.16	46.1			10000	4000	
	26.2	322	1.86	53.5			10000	4000	
	25.5	331	1.81	55.0			10000	4000	
	20.8	406	1.48	67.5			10000	4000	
1.1	17.2	480	1.25	81.4	S063	80C4	10000	4000	214-215
	14.0	589	1.02	99.9			10000	4000	
	15.3	540	1.85	91.5			18000	8152	
	11.9	691	1.45	117.2			18000	8925	
	10.9	759	1.32	128.7			18000	9236	
	8.8	937	1.07	158.8			18000	7200	
	7.6	1091	0.92	184.9			18000	7200	
	10.9	759	2.11	128.7			22000	11195	
	9.9	833	1.92	141.2			22000	11580	
	8.1	1025	1.56	173.8			22000	9000	
	6.9	1198	1.34	203.1			22000	9000	
	6.3	1315	1.22	222.9			22000	9000	
	5.1	1618	0.99	274.2			22000	9000	
	5.0	1652	1.82	280.1			30000	11200	
	4.6	1777	1.69	301.2			30000	11200	
	4.1	2029	1.48	343.9			30000	11200	
1.1	102.5	98	2.13	13.7	S052	90S4	4506	4506	212-213
	91.7	110	2.18	15.3			4629	4629	
	86.0	117	2.05	16.3			4700	4700	
	75.1	134	1.80	18.6			4846	4846	
	66.6	152	1.72	21.0			4975	4975	
	58.2	173	1.50	24.1			5114	5114	
	54.3	186	1.56	25.8			5183	5183	
	50.3	200	1.45	27.8			5257	5257	
	46.7	216	1.34	30.0			5328	5328	
	43.0	234	1.28	32.6			5401	5401	
	38.3	263	1.25	36.5			5497	5497	
	35.1	287	1.22	39.9			5563	5563	
	32.8	307	1.14	42.6			5608	5608	
	29.7	340	1.03	47.2			5670	5670	
	26.8	376	0.93	52.3			5719	5719	
1.1	46.7	216	2.31	30.0	S062	90S4	9948	3979	214-215
	41.3	244	2.21	33.9			10000	4000	
	38.3	263	2.28	36.6			10000	4000	
	35.6	284	2.12	39.4			10000	4000	
	32.1	314	1.91	43.6			10000	4000	

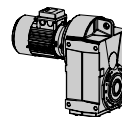

Prestazioni / Performance / Leistungen / Performances / Prestaciones
S

P1 (kW)	n2 (1/min)	M2 (Nm)	f.s.	i	Grandezza, Size, Größe, Taille, Tamaño		Fr2 DSP (N)	Fr2 C (N)	
1.1	30.4	332	1.81	46.1	S062	90S4	10000	4000	214-215
	26.2	386	1.56	53.5			10000	4000	
	25.5	396	1.51	55.0			10000	4000	
	20.8	486	1.23	67.5			10000	4000	
	17.2	574	1.04	81.4	S063	90S4	10000	4000	214-215
	22.6	446	2.24	62.0	S082	90S4	18000	7055	216-217
	20.7	476	2.10	67.5	S083	90S4	18000	7285	216-217
	18.9	523	1.91	74.2			18000	7544	
	15.3	645	1.55	91.5			18000	8152	
	11.9	826	1.21	117.2			18000	8925	
	10.9	908	1.10	128.7			18000	9236	
	8.8	1120	0.89	158.8			18000	7200	
	14.0	706	2.27	100.1	S103	90S4	22000	10211	218-219
	12.7	780	2.05	110.5			22000	10588	
	10.9	908	1.76	128.7			22000	11195	
	9.9	996	1.61	141.2			22000	11580	
	8.1	1226	1.31	173.8			22000	9000	
	6.9	1433	1.12	203.1			22000	9000	
	6.3	1572	1.02	222.9			22000	9000	
	7.2	1372	2.19	194.6	S123	90S4	30000	11200	220-221
	5.9	1685	1.78	238.9			30000	11200	
	5.0	1976	1.52	280.1			30000	11200	
	4.6	2124	1.41	301.2			30000	11200	
	4.1	2426	1.24	343.9			30000	11200	
1.5	162.3	85	2.01	8.6	S052	90L4	3871	3871	212-213
	125.7	109	1.74	11.1			4112	4112	
	102.5	134	1.57	13.7			4298	4298	
	91.7	150	1.60	15.3			4397	4397	
	86.0	160	1.50	16.3			4452	4452	
	75.1	183	1.32	18.6			4562	4562	
	66.6	207	1.26	21.0			4655	4655	
	58.2	236	1.10	24.1			4748	4748	
	54.3	253	1.14	25.8			4791	4791	
	50.3	273	1.06	27.8			4834	4834	
	46.7	295	0.98	30.0			4871	4871	
	43.0	320	0.94	32.6			4905	4905	
	38.3	359	0.92	36.5			4941	4941	
	35.1	392	0.89	39.9			4956	4956	
	60.4	228	2.06	23.2	S062	90L4	8951	3581	214-215
	55.7	247	1.94	25.1			9112	3645	
	50.6	272	1.77	27.7			9296	3719	
	46.7	295	1.70	30.0			9450	3780	
	41.3	333	1.62	33.9			9675	3870	
	38.3	359	1.67	36.6			9806	3922	
	35.6	387	1.55	39.4			9929	3972	
	32.1	429	1.40	43.6			10000	4000	
	30.4	453	1.33	46.1			10000	4000	
	26.2	526	1.14	53.5			10000	4000	
	25.5	540	1.11	55.0			10000	4000	
	20.8	663	0.91	67.5			10000	4000	
	27.9	494	2.03	50.3	S082	90L4	18000	6521	216-217
	25.8	533	1.88	54.3			18000	6712	
	22.6	609	1.64	62.0			18000	7055	

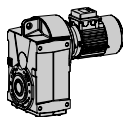


S Prestazioni / Performance / Leistungen / Performances / Prestaciones

P1 (kW)	n2 (1/min)	M2 (Nm)	f.s.	i	Grandezza, Size, Größe, Taille, Tamaño		Fr2 DSP (N)	Fr2 C (N)	
1.5	20.7	649	1.54	67.5	S083	90L4	18000	7285	216-217
	18.9	713	1.40	74.2			18000	7544	
	15.3	880	1.14	91.5			18000	8152	
	11.9	1127	0.89	117.2			18000	8925	
	18.9	713	2.24	74.2	S103	90L4	22000	9136	218-219
	17.2	783	2.04	81.4			22000	9457	
	14.0	963	1.66	100.1			22000	10211	
	12.7	1063	1.50	110.5			22000	10588	
	10.9	1238	1.29	128.7			22000	11195	
	9.9	1358	1.18	141.2			22000	11580	
	8.1	1671	0.96	173.8			22000	9000	
	10.5	1287	2.33	133.8	S123	90L4	30000	14693	220-221
	9.2	1457	2.06	151.4			30000	15442	
	7.9	1708	1.76	177.5			30000	11200	
	7.2	1872	1.60	194.6			30000	11200	
	5.9	2298	1.31	238.9			30000	11200	
	5.0	2694	1.11	280.1			30000	11200	
	4.6	2897	1.04	301.2			30000	11200	
	4.1	3308	0.91	343.9			30000	11200	
1.84	162.3	104	1.64	8.6	S052	90LL4	3759	3759	212-213
	125.7	134	1.42	11.1			3968	3968	
	102.5	165	1.28	13.7			4121	4121	
	91.7	184	1.30	15.3			4199	4199	
	86.0	196	1.22	16.3			4241	4241	
	75.1	224	1.07	18.6			4321	4321	
	66.6	253	1.03	21.0			4383	4383	
	58.2	290	0.90	24.1			4437	4437	
	54.3	311	0.93	25.8			4457	4457	
	50.3	335	0.87	27.8			4474	4474	
	71.6	236	1.95	19.6	S062	90LL4	8333	3333	214-215
	60.4	279	1.68	23.2			8624	3450	
	55.7	303	1.58	25.1			8757	3503	
	50.6	333	1.44	27.7			8906	3562	
	46.7	361	1.38	30.0			9027	3611	
	41.3	409	1.32	33.9			9196	3678	
	38.3	441	1.36	36.6			9289	3716	
	35.6	474	1.26	39.4			9374	3749	
	32.1	526	1.14	43.6			9475	3790	
	30.4	555	1.08	46.1			9521	3808	
	26.2	645	0.93	53.5			9613	3845	
	25.5	663	0.91	55.0			9624	3849	
	35.0	483	2.07	40.1	S082	90LL4	18000	5983	216-217
	32.5	519	1.93	43.1			18000	6150	
	27.9	605	1.65	50.3			18000	6521	
	25.8	654	1.53	54.3			18000	6712	
	22.6	747	1.34	62.0			18000	7055	
	20.7	797	1.26	67.5	S083	90LL4	18000	7285	216-217
	18.9	875	1.14	74.2			18000	7544	
	15.3	1079	0.93	91.5			18000	8152	
	25.4	664	1.96	55.1	S102	90LL4	22000	8396	218-219
	23.6	716	2.24	59.4			22000	8406	
	20.6	817	1.96	67.8			22000	8836	

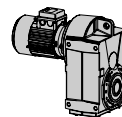

Prestazioni / Performance / Leistungen / Performances / Prestaciones
S

P1 (kW)	n2 (1/min)	M2 (Nm)	f.s.	i	Grandezza, Size, Größe, Taille, Tamaño		Fr2 DSP (N)	Fr2 C (N)	
1.84	18.9	875	1.83	74.2	S103	90LL4	22000	9136	218-219
	17.2	960	1.67	81.4			22000	9457	
	14.0	1182	1.35	100.1			22000	10211	
	12.7	1304	1.23	110.5			22000	10588	
	10.9	1519	1.05	128.7			22000	11195	
	9.9	1666	0.96	141.2			22000	11580	
	12.4	1328	2.26	112.5	S123	90LL4	30000	13697	220-221
	11.4	1455	2.06	123.3			30000	14218	
	10.5	1578	1.90	133.8			30000	14693	
	9.2	1787	1.68	151.4			30000	11200	
	7.9	2095	1.43	177.5			30000	11200	
	7.2	2296	1.31	194.6			30000	11200	
	5.9	2819	1.06	238.9			30000	11200	
	5.0	3305	0.91	280.1			30000	11200	
	162.3	124	1.37	8.6	S052	100LA4	3641	3641	212-213
	125.7	161	1.18	11.1			3815	3815	
	102.5	197	1.07	13.7			3934	3934	
	91.7	220	1.09	15.3			3990	3990	
	86.0	235	1.02	16.3			4018	4018	
	75.1	268	0.90	18.6			4066	4066	
2.2	66.6	303	0.86	21.0			4095	4095	
	119.6	169	2.31	11.7	S062	100LA4	7228	2891	214-215
	104.8	192	2.18	13.4			7446	2978	
	87.8	230	1.96	15.9			7731	3092	
	71.6	282	1.63	19.6			8041	3217	
	60.4	334	1.41	23.2			8278	3311	
	55.7	362	1.33	25.1			8381	3353	
	50.6	398	1.20	27.7			8493	3397	
	46.7	432	1.16	30.0			8579	3431	
	41.3	489	1.10	33.9			8689	3476	
	38.3	527	1.14	36.6			8743	3497	
	35.6	567	1.06	39.4			8785	3514	
	32.1	629	0.95	43.6			8823	3529	
	51.3	393	2.29	27.3	S082	100LA4	18000	5253	216-217
	44.1	458	2.18	31.8			18000	5474	
	40.1	503	1.99	34.9			18000	5676	
	35.0	577	1.73	40.1			18000	5983	
	32.5	620	1.61	43.1			18000	6150	
	27.9	724	1.38	50.3			18000	6521	
	25.8	782	1.28	54.3			18000	6712	
	22.6	893	1.12	62.0			18000	7055	
	20.7	953	1.05	67.5	S083	100LA4	18000	7285	216-217
	18.9	1046	0.96	74.2			18000	7544	
	31.8	634	2.05	44.0	S102	100LA4	22000	7724	218-219
	29.7	679	2.36	47.1			22000	7701	
	25.4	794	1.64	55.1			22000	8396	
	23.6	856	1.87	59.4			22000	8406	
	20.6	977	1.64	67.8			22000	8836	
	18.9	1046	1.53	74.2	S103	100LA4	22000	9136	218-219
	17.2	1148	1.39	81.4			22000	9457	
	14.0	1413	1.13	100.1			22000	10211	
	12.7	1559	1.03	110.5			22000	10588	

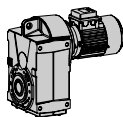


S Prestazioni / Performance / Leistungen / Performances / Prestaciones

P1 (kW)	n2 (1/min)	M2 (Nm)	f.s.	i	Grandezza, Size, Größe, Taille, Tamaño		Fr2 DSP (N)	Fr2 C (N)	
2.2	12.4	1587	1.89	112.5	S123	100LA4	30000	13697	220-221
	11.4	1740	1.72	123.3			30000	14218	
	10.5	1887	1.59	133.8			30000	14693	
	9.2	2136	1.40	151.4			30000	11200	
	7.9	2504	1.20	177.5			30000	11200	
	7.2	2745	1.09	194.6			30000	11200	
	5.9	3371	0.89	238.9			30000	11200	
3	162.3	169	1.00	8.6	S052	100LB4	3379	3379	212-213
	125.7	219	0.87	11.1			3476	3476	
	175.0	157	2.10	8.0	S062	100LB4	6321	2528	214-215
	146.7	188	1.92	9.5			6568	2627	
	119.6	230	1.70	11.7			6839	2736	
	104.8	262	1.60	13.4			7003	2801	
	87.8	313	1.44	15.9			7201	2881	
	71.6	384	1.20	19.6			7392	2957	
	60.4	455	1.03	23.2			7508	3003	
	55.7	494	0.97	25.1			7546	3019	
	50.6	543	0.88	27.7			7574	3030	
	80.9	340	2.27	17.3		100LB4	17245	4523	216-217
	69.5	396	1.95	20.1			18000	4794	
	63.3	435	1.84	22.1			18000	4939	
	58.3	471	1.70	24.0			18000	5094	
	51.3	536	1.68	27.3			18000	5253	
	48.8	563	1.60	28.7			18000	5354	
	44.1	624	1.60	31.8			18000	5474	
	40.1	686	1.46	34.9			18000	5676	
	35.0	787	1.27	40.1			18000	5983	
	32.5	846	1.18	43.1			18000	6150	
	27.9	987	1.01	50.3			18000	6521	
	25.8	1066	0.94	54.3			18000	6712	
	40.1	686	2.04	34.9	S102	100LB4	22000	7011	218-219
	36.6	752	1.99	38.3			22000	7187	
	31.8	864	1.50	44.0			22000	7724	
	29.7	926	1.73	47.1			22000	7701	
	25.4	1083	1.20	55.1			22000	8396	
	23.6	1167	1.37	59.4			22000	8406	
	20.6	1333	1.20	67.8			22000	8836	
	18.9	1427	1.12	74.2	S103	100LB4	22000	9136	218-219
	17.2	1566	1.02	81.4			22000	9457	
	28.5	963	2.49	49.0	S122	100LB4	30000	10285	220-221
	26.0	1056	2.46	53.8			30000	10464	
	21.2	1297	2.31	66.0			30000	10962	
	19.7	1367	1.97	71.1	S123	100LB4	30000	11638	220-221
	16.0	1679	1.79	87.3			30000	12334	
	12.4	2164	1.39	112.5			30000	13697	
	11.4	2372	1.26	123.3			30000	14218	
	10.5	2573	1.17	133.8			30000	14693	
	9.2	2913	1.03	151.4			30000	11200	
	7.9	3415	0.88	177.5			30000	11200	
4	175.0	210	1.57	8.0	S062	112M4	5989	2396	214-215
	146.7	250	1.44	9.5			6171	2469	
	119.6	307	1.27	11.7			6353	2541	

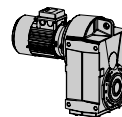

Prestazioni / Performance / Leistungen / Performances / Prestaciones
S

P1 (kW)	n2 (1/min)	M2 (Nm)	f.s.	i	Grandezza, Size, Größe, Taille, Tamaño		Fr2 DSP (N)	Fr2 C (N)	
4	104.8	350	1.20	13.4	S062	112M4	6448	2579	214-215
	87.8	417	1.08	15.9			6540	2616	
	71.6	512	0.90	19.6			6581	2632	
	89.0	412	1.87	15.7	S082	112M4	16441	4361	216-217
	80.9	453	1.70	17.3			16873	4523	
	69.5	528	1.46	20.1			17574	4794	
	63.3	580	1.38	22.1			18000	4939	
	58.3	629	1.27	24.0			18000	5094	
	51.3	715	1.26	27.3			18000	5253	
	48.8	751	1.20	28.7			18000	5354	
	44.1	832	1.20	31.8			18000	5474	
	40.1	914	1.09	34.9			18000	5676	
	35.0	1049	0.95	40.1			18000	5983	
	32.5	1128	0.89	43.1			18000	6150	
	46.9	782	1.92	29.9	S102	112M4	22000	6533	218-219
	43.2	849	1.77	32.4			22000	6741	
	40.1	914	1.53	34.9			22000	7011	
	36.6	1003	1.50	38.3			22000	7187	
	31.8	1153	1.13	44.0			22000	7724	
	29.7	1234	1.30	47.1			22000	7701	
	28.5	1285	1.87	49.0	S122	112M4	30000	10285	220-221
	26.0	1408	1.85	53.8			30000	10464	
	21.2	1729	1.74	66.0			30000	10962	
	19.7	1823	1.48	71.1	S123	112M4	30000	11638	220-221
	16.0	2238	1.34	87.3			30000	12334	
	12.4	2886	1.04	112.5			30000	13697	
	11.4	3163	0.95	123.3			30000	14218	
4.8	175.0	251	1.31	8.0	S062	112MS4	5723	2289	214-215
	146.7	300	1.20	9.5			5855	2342	
	119.6	368	1.06	11.7			5964	2386	
	104.8	420	1.00	13.4			6005	2402	
	87.8	501	0.90	15.9			6011	2404	
	120.6	365	1.92	11.6	S082	112MS4	14898	3942	216-217
	109.8	401	1.87	12.8			15287	4040	
	89.0	494	1.56	15.7			16170	4361	
	80.9	544	1.42	17.3			16575	4523	
	69.5	633	1.22	20.1			17228	4794	
	63.3	695	1.15	22.1			17631	4939	
	58.3	754	1.06	24.0			17980	5094	
	51.3	858	1.05	27.3			18000	5253	
	48.8	901	1.00	28.7			18000	5354	
	44.1	999	1.00	31.8			18000	5474	
	40.1	1097	0.91	34.9			18000	5676	
	73.7	597	2.34	19.0	S102	112MS4	21498	5547	218-219
	63.3	695	2.01	22.1			22000	5886	
	57.7	763	1.97	24.3			22000	6028	
	53.2	828	1.81	26.3			22000	6222	
	46.9	939	1.60	29.9			22000	6533	
	43.2	1018	1.47	32.4			22000	6741	
	40.1	1097	1.28	34.9			22000	7011	
	36.6	1204	1.25	38.3			22000	7187	
	31.8	1383	0.94	44.0			22000	7724	

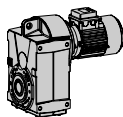


S Prestazioni / Performance / Leistungen / Performances / Prestaciones

P1 (kW)	n2 (1/min)	M2 (Nm)	f.s.	i	Grandezza, Size, Größe, Taille, Tamaño		Fr2 DSP (N)	Fr2 C (N)	
4.8	34.1	1291	2.32	41.1	S122	112MS4	30000	8903	220-221
	28.5	1541	1.56	49.0			30000	10285	
	26.0	1690	1.54	53.8			30000	10464	
	21.2	2075	1.45	66.0			30000	10962	
	19.7	2187	1.23	71.1	S123	112MS4	30000	11638	220-221
	16.0	2686	1.12	87.3			30000	12334	
	190.8	264	2.08	7.3	S082	132S4	12969	3437	216-217
	173.6	290	2.07	8.1			13319	3515	
	140.8	358	1.81	9.9			14120	3760	
	120.6	418	1.67	11.6			14723	3942	
	109.8	459	1.63	12.8			15095	4040	
	89.0	566	1.36	15.7			15933	4361	
	80.9	623	1.24	17.3			16315	4523	
	69.5	725	1.06	20.1			16925	4794	
	63.3	797	1.00	22.1			17298	4939	
	58.3	864	0.93	24.0			17618	5094	
	51.3	983	0.92	27.3			18000	5253	
	48.8	1033	0.87	28.7			18000	5354	
	44.1	1144	0.87	31.8			18000	5474	
	128.6	392	2.42	10.9	S102	132S4	18160	4775	218-219
	109.8	459	2.18	12.8			19014	5032	
	100.1	504	2.38	14.0			19526	5063	
	81.3	620	2.10	17.2			20700	5410	
	73.7	684	2.05	19.0			21272	5547	
	63.3	797	1.76	22.1			22000	5886	
	57.7	874	1.72	24.3			22000	6028	
	53.2	948	1.58	26.3			22000	6222	
	46.9	1076	1.39	29.9			22000	6533	
	43.2	1167	1.29	32.4			22000	6741	
	40.1	1257	1.11	34.9			22000	7011	
	36.6	1380	1.09	38.3			22000	7187	
5.5	45.9	1099	2.73	30.5	S122	132S4	30000	7768	220-221
	41.9	1205	2.49	33.4			30000	8107	
	34.1	1479	2.03	41.1			30000	8903	
	32.1	1570	1.91	43.6			30000	9145	
	28.5	1766	1.36	49.0			30000	10285	
	26.0	1936	1.34	53.8			30000	10464	
	21.2	2377	1.26	66.0			30000	10962	
	19.7	2506	1.08	71.1	S123	132S4	30000	11638	220-221
	16.0	3078	0.97	87.3			30000	12334	
	190.8	360	1.53	7.3	S082	132L4	12653	3437	216-217
	173.6	396	1.52	8.1			12972	3515	
	140.8	488	1.33	9.9			13692	3760	
	120.6	570	1.23	11.6			14224	3942	
	109.8	626	1.20	12.8			14547	4040	
	89.0	772	1.00	15.7			15256	4361	
	173.6	396	2.15	8.1	S102	132L4	16342	4332	218-219
	158.3	434	2.07	8.8			16782	4450	
	128.6	535	1.78	10.9			17790	4775	
	109.8	626	1.60	12.8			18580	5032	
	100.1	687	1.75	14.0			19051	5063	
	81.3	845	1.54	17.2			20115	5410	
	73.7	933	1.50	19.0			20627	5547	
	63.3	1087	1.29	22.1			21416	5886	
	57.7	1192	1.26	24.3			21895	6028	

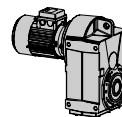

Prestazioni / Performance / Leistungen / Performances / Prestaciones
S

P1 (kW)	n2 (1/min)	M2 (Nm)	f.s.	i	Grandezza, Size, Größe, Taille, Tamaño		Fr2 DSP (N)	Fr2 C (N)	
7.5	53.2	1293	1.16	26.3	S102	132L4	22000	6222	218-219
	46.9	1467	1.02	29.9			22000	6533	
	43.2	1591	0.94	32.4			22000	6741	
	53.5	1285	2.34	26.2	S122	132L4	30000	7222	220-221
	49.0	1405	2.14	28.6			30000	7535	
	45.9	1499	2.00	30.5			30000	7768	
	41.9	1643	1.83	33.4			30000	8107	
	39.8	1729	1.74	35.2			30000	8300	
	34.1	2017	1.49	41.1			30000	8903	
	32.1	2141	1.40	43.6			30000	9145	
	28.5	2408	1.00	49.0			30000	10285	
	26.0	2640	0.98	53.8			30000	10464	
	21.2	3242	0.93	66.0			30000	10962	
9.2	190.8	442	1.24	7.3	S082	132M4	12385	3437	216-217
	173.6	486	1.24	8.1			12678	3515	
	140.8	599	1.08	9.9			13328	3760	
	120.6	699	1.00	11.6			13800	3942	
	109.8	768	0.98	12.8			14080	4040	
	173.6	486	1.75	8.1	S102	132M4	16109	4332	218-219
	158.3	533	1.69	8.8			16526	4450	
	128.6	656	1.45	10.9			17476	4775	
	109.8	768	1.30	12.8			18212	5032	
	100.1	843	1.42	14.0			18646	5063	
	81.3	1037	1.25	17.2			19618	5410	
	73.7	1145	1.22	19.0			20078	5547	
	63.3	1333	1.05	22.1			20777	5886	
	57.7	1463	1.03	24.3			21194	6028	
	53.2	1587	0.95	26.3			21552	6222	
	65.9	1280	2.19	21.3	S122	132M4	29365	6745	220-221
	60.1	1403	2.07	23.3			29950	6937	
	53.5	1576	1.90	26.2			30000	7222	
	49.0	1723	1.74	28.6			30000	7535	
	45.9	1838	1.63	30.5			30000	7768	
	41.9	2015	1.49	33.4			30000	8107	
	39.8	2121	1.41	35.2			30000	8300	
	34.1	2474	1.21	41.1			30000	8903	
	32.1	2627	1.14	43.6			30000	9145	
11	173.6	581	1.46	8.1	S102	160M4	15862	4332	218-219
	158.3	637	1.41	8.8			16256	4450	
	128.6	784	1.21	10.9			17143	4775	
	109.8	918	1.09	12.8			17822	5032	
	100.1	1008	1.19	14.0			18218	5063	
	81.3	1240	1.05	17.2			19091	5410	
	165.0	611	2.45	8.5	S122	160M4	22955	5596	220-221
	150.6	670	2.54	9.3			23509	5602	
	122.6	822	2.31	11.4			24757	5907	
	110.9	910	2.42	12.6			25368	5851	
	101.2	997	2.41	13.8			25923	5888	
	82.4	1224	2.12	17.0			27144	6266	
	65.9	1531	1.83	21.3			28416	6745	
	60.1	1678	1.73	23.3			28910	6937	
	53.5	1884	1.59	26.2			29504	7222	
	49.0	2060	1.46	28.6			29934	7535	
	45.9	2198	1.36	30.5			30000	7768	
	41.9	2409	1.25	33.4			30000	8107	

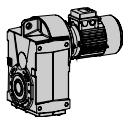


S Prestazioni / Performance / Leistungen / Performances / Prestaciones

P1 (kW)	n2 (1/min)	M2 (Nm)	f.s.	i	Grandezza, Size, Größe, Taille, Tamaño		Fr2 DSP (N)	Fr2 C (N)	
11	39.8	2536	1.18	35.2	S122	160M4	30000	8300	220-221
	34.1	2958	1.01	41.1			30000	8903	
	32.1	3140	0.96	43.6			30000	9145	
15	173.6	792	1.07	8.1	S102	160L4	15314	4332	218-219
	158.3	869	1.04	8.8			15654	4450	
	165.0	833	1.80	8.5			22113	5596	
18.5	150.6	913	1.86	9.3	S122	160L4	22586	5602	220-221
	122.6	1121	1.69	11.4			23624	5907	
	110.9	1240	1.77	12.6			24116	5851	
	101.2	1359	1.77	13.8			24550	5888	
	82.4	1669	1.56	17.0			25458	6266	
	65.9	2087	1.34	21.3			26307	6745	
	60.1	2288	1.27	23.3			26599	6937	
	53.5	2569	1.17	26.2			26909	7222	
	49.0	2809	1.07	28.6			27096	7535	
	45.9	2997	1.00	30.5			27199	7768	
	41.9	3285	0.91	33.4			27293	8107	
	39.8	3458	0.87	35.2			27317	8300	
	165.0	1028	1.46	8.5		180M4	21376	5596	
	150.6	1126	1.51	9.3			21779	5602	
	122.6	1383	1.37	11.4			22633	5907	
	110.9	1530	1.44	12.6			23019	5851	
	101.2	1677	1.43	13.8			23348	5888	
	82.4	2059	1.26	17.0			23983	6266	
	65.9	2574	1.09	21.3			24462	6745	
	60.1	2822	1.03	23.3			24577	6937	
	53.5	3169	0.95	26.2			24638	7222	
	49.0	3465	0.87	28.6			24613	7535	
22	165.0	1222	1.23	8.5	S122	180L4	20640	5596	220-221
	150.6	1339	1.27	9.3			20972	5602	
	122.6	1645	1.16	11.4			21641	5907	
	110.9	1819	1.21	12.6			21923	5851	
	101.2	1994	1.20	13.8			22147	5888	
	82.4	2448	1.06	17.0			22507	6266	
	65.9	3061	0.91	21.3			22617	6745	
	60.1	3356	0.86	23.3			22555	6937	

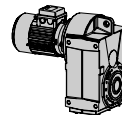

Prestazioni / Performance / Leistungen / Performances / Prestaciones (n1=1400) IS

M2 (Nm)	i	P1 (kW)	n2 (1/min)	Grandezza, Size, Größe, Taille, Tamaño	Fr1 (N)	Fr2 DSP (N)	Fr2 C (N)	
170	8.6	3.0	162.3	IS052	718	3375	3375	213
190	11.1	2.6	125.7		810	3644	3644	
210	13.7	2.3	102.5		869	3857	3857	
240	15.3	2.4	91.7		857	3874	3874	
240	16.3	2.3	86.0		891	3987	3987	
240	18.6	2.0	75.1		956	4231	4231	
260	21.0	1.9	66.6		974	4345	4345	
260	24.1	1.6	58.2		1029	4611	4611	
290	25.8	1.7	54.3		1013	4578	4578	
290	27.8	1.6	50.3		1042	4736	4736	
290	30.0	1.5	46.7		1069	4898	4898	
300	32.6	1.4	43.0		1084	5020	5020	
330	36.5	1.4	38.3		1091	5109	5109	
350	39.9	1.3	35.1		1100	5200	5200	
350	42.6	1.3	32.8		1119	5359	5359	
350	47.2	1.1	29.7		1147	5612	5612	
350	52.3	1.0	26.8		1172	5873	5873	
350	57.9	0.92	24.2		1195	6000	6000	
350	72.8	0.73	19.2		1238	6000	6000	
350	74.2	0.7	18.9	IS053	1242	6000	6000	213
350	95.8	0.57	14.6		1279	6000	6000	
350	117.5	0.46	11.9		1302	6000	6000	
350	137.5	0.40	10.2		1317	6000	6000	
350	177.5	0.31	7.9		1338	6000	6000	
350	198.5	0.28	7.1		1345	6000	6000	
350	217.6	0.25	6.4		1350	6000	6000	
350	256.3	0.21	5.5		1359	6000	6000	
350	314.2	0.17	4.5		1367	6000	6000	
330	8.0	6.3	175.0	IS062	350	5225	2090	215
360	9.5	5.8	146.7		441	5474	2190	
390	11.7	5.1	119.6		554	5825	2330	
420	13.4	4.8	104.8		602	6004	2401	
450	15.9	4.3	87.8		684	6334	2533	
460	19.6	3.6	71.6		805	6911	2764	
470	23.2	3.1	60.4		888	7415	2966	
480	25.1	2.9	55.7		919	7635	3054	
480	27.7	2.7	50.6		963	7976	3190	
500	30.0	2.5	46.7		981	8149	3260	
540	33.9	2.4	41.3		1000	8364	3346	
600	36.6	2.5	38.3		988	8280	3312	
600	39.4	2.3	35.6		1018	8578	3431	
600	43.6	2.1	32.1		1056	9005	3602	
600	46.1	2.0	30.4		1075	9239	3695	
600	53.5	1.7	26.2		1121	9898	3959	
600	55.0	1.7	25.5		1129	10000	4000	
600	67.5	1.4	20.8		1181	10000	4000	
600	81.4	1.1	17.2	IS063	1220	10000	4000	215
600	99.9	0.94	14.0		1255	10000	4000	
600	126.4	0.74	11.1		1287	10000	4000	
600	150.9	0.62	9.3		1307	10000	4000	
600	185.0	0.51	7.6		1326	10000	4000	
600	217.8	0.43	6.4		1338	10000	4000	
600	267.2	0.35	5.2		1351	10000	4000	
550	7.3	11.4	190.8	IS082	1261	12030	3437	217
600	8.1	11.4	173.6		1273	12302	3515	
650	9.9	10.0	140.8		1482	13161	3760	
700	11.6	9.2	120.6		1598	13797	3942	



IS (n1=1400) Prestazioni / Performance / Leistungen / Performances / Prestaciones

M2 (Nm)	i	P1 (kW)	n2 (1/min)	Grandezza, Size, Größe, Taille, Tamaño	Fr1 (N)	Fr2 DSP (N)	Fr2 C (N)	
750	12.8	9.0	109.8	IS082	1632	14140	4040	217
770	15.7	7.5	89.0		1859	15264	4361	
770	17.3	6.8	80.9		1962	15832	4523	
770	20.1	5.8	69.5		2107	16778	4794	
800	22.1	5.5	63.3		2154	17288	4939	
800	24.0	5.1	58.3		2219	17830	5094	
900	27.3	5.0	51.3		2228	18000	5253	
900	28.7	4.8	48.8		2264	18000	5354	
1000	31.8	4.8	44.1		2262	18000	5474	
1000	34.9	4.4	40.1		2327	18000	5676	
1000	40.1	3.8	35.0		2412	18000	5983	
1000	43.1	3.5	32.5		2452	18000	6150	
1000	50.3	3.0	27.9		2529	18000	6521	
1000	54.3	2.8	25.8		2563	18000	6712	
1000	62.0	2.5	22.6		2616	18000	7055	
1000	67.5	2.3	20.7	IS083	2646	18000	7285	217
1000	74.2	2.1	18.9		2677	18000	7544	
1000	91.5	1.7	15.3		2735	18000	8152	
1000	117.2	1.3	11.9		2791	18000	8925	
1000	128.7	1.2	10.9		2808	18000	9236	
1000	158.8	0.98	8.8		2842	18000	7200	
1000	184.9	0.84	7.6		2863	18000	7200	
1000	203.1	0.77	6.9		2874	18000	7200	
1000	250.5	0.62	5.6		2895	18000	7200	
1000	315.7	0.49	4.4		2914	18000	7200	
1000	292.4	0.53	4.8		2908	18000	7200	
1000	360.6	0.43	3.9		2923	18000	7200	
850	8.1	16.1	173.6	IS102	647	15163	4332	219
900	8.8	15.5	158.3		729	15574	4450	
950	10.9	13.3	128.6		1050	16712	4775	
1000	12.8	12.0	109.8		1247	17610	5032	
1200	14.0	13.1	100.1		1084	17719	5063	
1300	17.2	11.5	81.3		1311	18935	5410	
1400	19.0	11.3	73.7		1352	19415	5547	
1400	22.1	9.7	63.3		1583	20603	5886	
1500	24.3	9.4	57.7		1616	21097	6028	
1500	26.3	8.7	53.2		1724	21777	6222	
1500	29.9	7.7	46.9		1873	22000	6533	
1500	32.4	7.1	43.2		1961	22000	6741	
1400	34.9	6.1	40.1		2098	22000	7011	
1500	38.3	6.0	36.6		2119	22000	7187	
1300	44.0	4.5	31.8		2333	22000	7724	
1600	47.1	5.2	29.7		2235	22000	7701	
1300	55.1	3.6	25.4		2465	22000	8396	
1600	59.4	4.1	23.6		2391	22000	8406	
1600	67.8	3.6	20.6		2465	22000	8836	
1600	74.2	3.4	18.9	IS103	2510	22000	9136	219
1600	81.4	3.1	17.2		2552	22000	9457	
1600	100.1	2.5	14.0		2634	22000	10211	
1600	110.5	2.3	12.7		2667	22000	10588	
1600	128.7	1.9	10.9		2713	22000	11195	
1600	141.2	1.8	9.9		2737	22000	11580	
1600	173.8	1.4	8.1		2784	22000	9000	
1600	203.1	1.2	6.9		2814	22000	9000	
1600	222.9	1.1	6.3		2829	22000	9000	
1600	274.2	0.91	5.1		2859	22000	9000	
1600	345.6	0.72	4.1		2886	22000	9000	


Prestazioni / Performance / Leistungen / Performances / Prestaciones (n1=1400) IS

M2 (Nm)	i	P1 (kW)	n2 (1/min)	Grandezza, Size, Größe, Taille, Tamaño	Fr1 (N)	Fr2 DSP (N)	Fr2 C (N)	
1600	320.8	0.8	4.4	IS103	2878	22000	9000	219
1600	394.7	0.63	3.5		2899	22000	9000	
1500	8.5	27.0	165.0	IS122	2951	19587	5596	221
1700	9.3	27.9	150.6		2916	19606	5602	
1900	11.4	25.4	122.6		3010	20674	5907	
2200	12.6	26.6	110.9		2966	20480	5851	
2400	13.8	26.5	101.2		2970	20608	5888	
2600	17.0	23.4	82.4		3087	21932	6266	
2800	21.3	20.1	65.9		3209	23608	6745	
2900	23.3	19.0	60.1		3251	24280	6937	
3000	26.2	17.5	53.5		3252	25277	7222	
3000	28.6	16.0	49.0		3253	26374	7535	
3000	30.5	15.0	45.9		3254	27189	7768	
3000	33.4	13.7	41.9		3255	28374	8107	
3000	35.2	13.0	39.8		3256	29050	8300	
3000	41.1	11.2	34.1		3257	30000	8903	
3000	43.6	10.5	32.1		3258	30000	9145	
2400	49.0	7.5	28.5		3685	30000	10285	
2600	53.8	7.4	26.0		3688	30000	10464	
3000	66.0	6.9	21.2		3705	30000	10962	
2700	71.1	5.9	19.7	IS123	3748	30000	11638	221
3000	87.3	5.4	16.0		3768	30000	12334	
3000	112.5	4.2	12.4		3813	30000	13697	
3000	123.3	3.8	11.4		3826	30000	14218	
3000	133.8	3.5	10.5		3827	30000	14693	
3000	151.4	3.1	9.2		3852	30000	11200	
3000	177.5	2.6	7.9		3869	30000	11200	
3000	194.6	2.4	7.2		3877	30000	11200	
3000	238.9	2.0	5.9		3894	30000	11200	