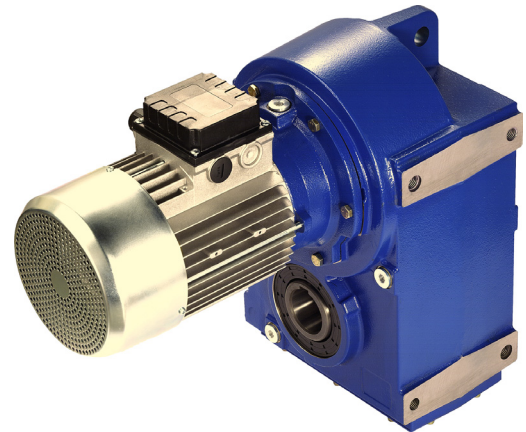


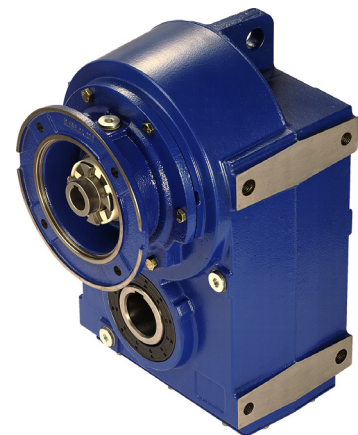
Motoriduttori e riduttori pendolari
Shaft mounted geared motors and gear units
Flachgetriebemotoren und Flachgetriebe
Motoréducteurs et réducteurs pendulaires
Motorreductores y reductores pendulares

S

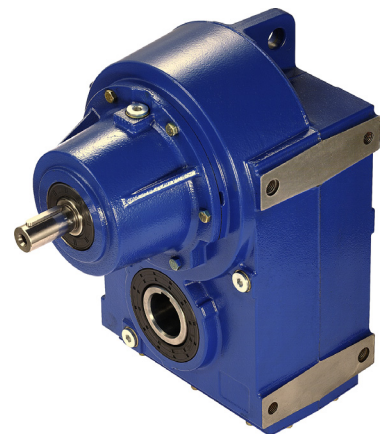
CS

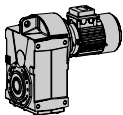


S - PS



IS

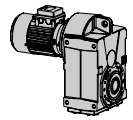


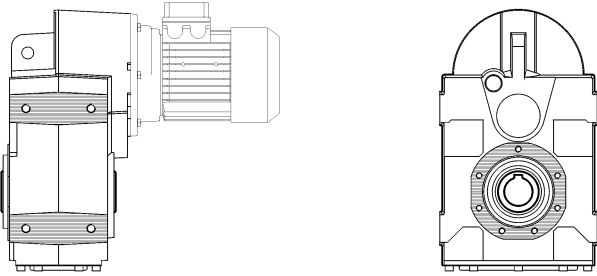
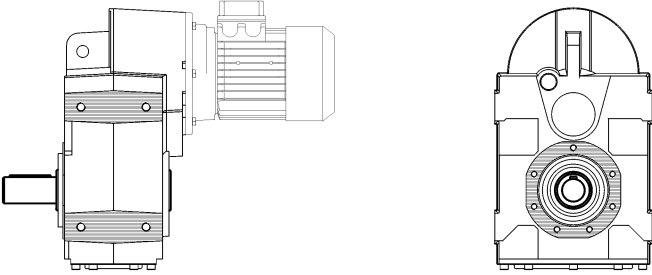
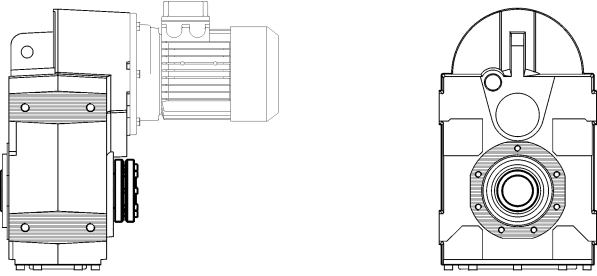


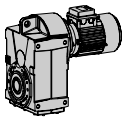
Designazione / Designation / Bezeichnung / Désignation / Designación

CS - S - IS

CS	<p>Motoriduttore pendolare compatto (fornito completo di motore). Compact shaft mounted gear reducer (supplied with motor). Kompakt Flachgetriebemotor (geliefert mit Motor). Motoréducteur pendulaire compact (fourni complet avec le moteur). Motorreductor pendular compacto (con motor).</p>		
S	<p>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.</p>		
IS	<p>Riduttore pendolare Shaft mounted gear reducer Flachgetriebe Réducteur pendulaire Reductor pendular.</p>		
103	<p>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.</p>		
C - D - L	<p>Versioni alberi di uscita. Output shaft versions. Ausführungen Abtriebswelle. Version arbre de sortie. Versión eje de salida.</p>		
FA - FB FC	<p>Flangia uscita. Output flange. Abtriebsflansch. Bride de sortie. Brida de salida.</p>		
91,3	<p>Rapporto di riduzione Reduction ratio Übersetzungsverhältnis Rapport de réduction Relación de reducción</p>		
B3	<p>Posizione di piazzamento Mounting position Einbaulage Position de montage Posición de montaje</p>		
dimensioni di entrata / input dimensions / Abmessungen antriebsseitig / dimensions d'entrée / dimensiones de entrada			
PAM	<p>Predisposto per attacco motore Fitted for motor coupling für Motoranbau vorbereitet Prédisposé pour montage moteur standard Predispuesto para montaje motor</p>		
160	<p>Diametro flangia motore Motor flange diameter Motorflansch-Durchmesser Diamètre bride moteur Diámetro brida motor</p>	14	<p>Diametro albero motore Drive-shaft diameter Motorwellen-Durchmesser Diamètre arbre moteur Diámetro eje motor</p>
dimensioni di uscita / output dimensions / Abmessungen abtriebsseitig / dimensions de sortie / dimensiones de salida			
250	<p>Diametro flangia uscita. Output flange diameter. Durchmesser Abtriebsflansch. Diamètre de la bride de sortie. Diámetro brida de salida.</p>	40	<p>Diametro albero uscita Output shaft diameter Durchmesser Abtriebswelle Diamètre de l'arbre de sortie Diámetro eje de salida.</p>


Versioni / Versions / Ausführungen / Versions / Versiones

	<p>S ... C</p> <ul style="list-style-type: none"> - Fissaggio piede-flangia / albero cavo. - Foot-flange mounting / hollow shaft. - Fuß-Flanschbefestigung / Hohlwelle. - Fixation à pattes et bride / arbre creux. - Fijación patas-brida / eje hueco.
	<p>S ... D</p> <ul style="list-style-type: none"> - 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-brida / eje macizo D.
	<p>S ... L</p> <ul style="list-style-type: none"> - Fissaggio piede-flangia / albero calettatore. - Foot-flange mounting / shrink disc shaft. - Fuß-Flanschbefestigung / Schrumpfscheibe. - Fixation à pattes / bride arbre avec frette. - Fijación patas-brida / eje hueco con aro de apriete.



Predisposizione / Predisposition / Motoranbau / Pr edisposition / 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

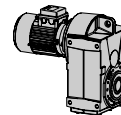
i	071	080	090
81.4	B5-B11	B5-B11	B5-B11
99.9	B5-B11	B5-B11	B5-B11
126.4	B5-B11	B5-B11	B5-B11
150.9	B5-B11	B5-B11	B5-B11
185.0	B5-B11	B5-B11	B5-B11
217.8	B5-B11		
267.2	B5-B11		

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 edisposition / 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

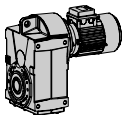
i	071	080	090	100	112
74.2		B5-B11	B5-B11	B5-B11	B5-B11
81.4		B5-B11	B5-B11	B5-B11	B5-B11
100.1		B5-B11	B5-B11	B5-B11	B5-B11
110.5	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
128.7	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
141.2	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
173.8	B5-B11	B5-B11	B5-B11	B5-B11	B5-B11
203.1	B5-B11	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

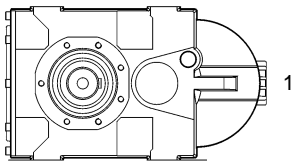
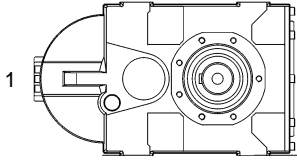
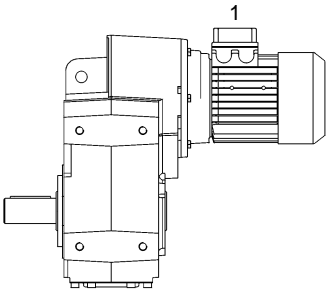
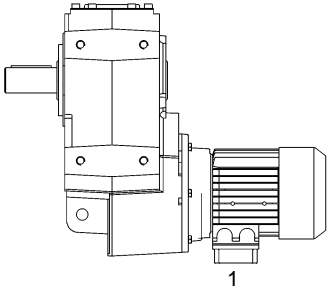
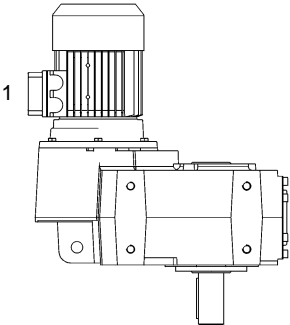
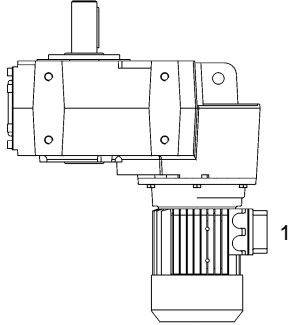
i	080	090	100	112	132	160	180	200
8.5						B5-B11	B5-B11	B5
9.3						B5-B11	B5-B11	B5
11.4						B5-B11	B5-B11	B5
12.6						B5-B11	B5-B11	B5
13.8						B5-B11	B5-B11	B5
17.0						B5-B11	B5-B11	B5
21.3			B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	
23.3			B5-B11	B5-B11	B5-B11	B5-B11	B5-B11	
26.2			B5-B11	B5-B11	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	



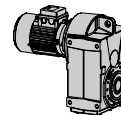
Piazzamento / Mounting positions / Einbaulage / Pos. de montage / Pos. de montaje

<p>B3</p> 	<p>B8</p> 
<p>B6</p> 	<p>B7</p> 
<p>V5</p> 	<p>V6</p> 

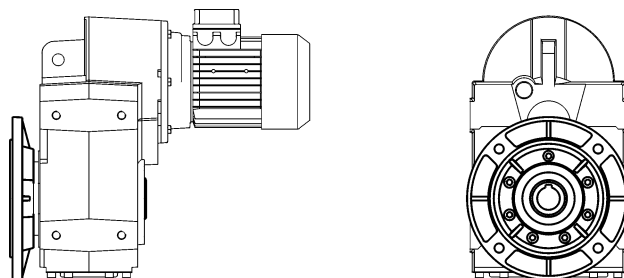
- Per le posizioni di piazzamento verticali verificare quanto detto a pag.10-11.
- For vertical positions, check with pages 10-11.
- Für die vertikalen Einbaulagen siehe Seite 10-11.
- Pour les positions de montage verticales, voir pages 10 et 11.
- Para las posiciones de montaje verticales, ver las 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, les positions standard sont 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. ce technique.
- Para las posiciones de montaje no previstas, es necesario ponerse en contacto con nuestro Servicio técnico.

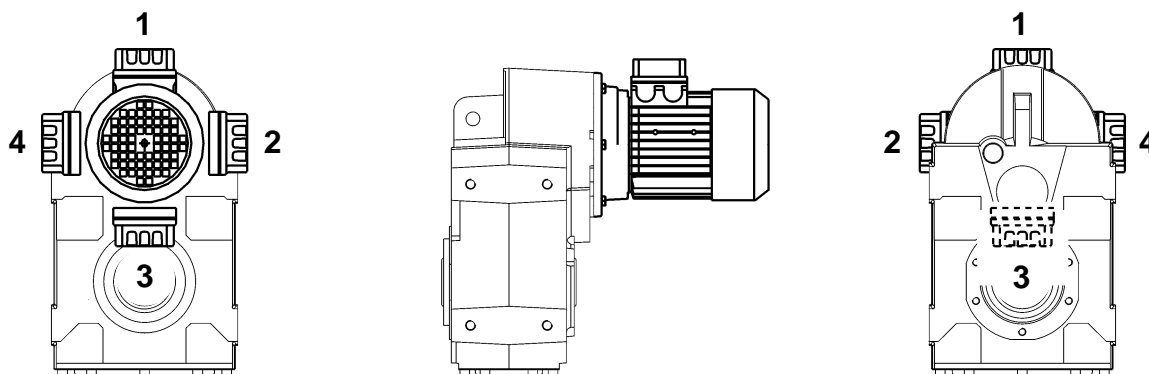


Flangia / Flange / Flansch / Flasque / Flasque-bride



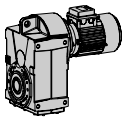
Piazzamento / Mounting positions / Einbaulage / Pos. de montage / Pos. de montaje


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

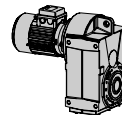



- Nel caso di particolari esigenze specificare in fase di ordine la posizione della morsetteria come da schema.
- In the case of specific requirements, when ordering, specify the position of the terminal box as shown in the diagram.
- Im Falle von Sonderanforderungen ist bei Auftragserteilung die Lage 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.

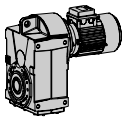
- Se non diversamente specificato, il gruppo viene fornito con morsetteria in pos.1.
- Unless otherwise specified, the gear reducer is supplied with terminal box in position 1.
- Sofern nichts gegenteiliges angegeben, wird der Schneckengetriebemotor mit Klemmkastenlage 1 geliefert.
- Sauf indications 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	6000	212-213	
	7.1	153	2.29	198.5			6000	6000		
	6.4	167	2.09	217.6			6000	6000		
	5.5	197	1.77	256.3			6000	6000		
	4.5	242	1.45	314.2			6000	6000		
0.18	11.9	136	2.58	117.5	S053	63B4	6000	6000	212-213	
	10.2	159	2.21	137.5			6000	6000		
	7.9	205	1.71	177.5			6000	6000		
	7.1	229	1.53	198.5			6000	6000		
	6.4	251	1.39	217.6			6000	6000		
	5.5	296	1.18	256.3			6000	6000		
	4.5	363	0.97	314.2			6000	6000		
0.25	14.6	154	2.28	95.8	S053	71A4	6000	6000	212-213	
	11.9	188	1.86	117.5			6000	6000		
	10.2	220	1.59	137.5			6000	6000		
	7.9	285	1.23	177.5			6000	6000		
	7.1	318	1.10	198.5			6000	6000		
	6.4	349	1.00	217.6			6000	6000		
	5.5	411	0.85	256.3			6000	6000		
	9.3	242	2.48	150.9	S063	71A4	10000	4000		214-215
	7.6	297	2.02	185.0			10000	4000		
	6.4	349	1.72	217.8			10000	4000		
	5.2	428	1.40	267.2			10000	4000		
	5.6	402	2.49	250.5	S083	71A4	18000	7200		216-217
4.8	469	2.13	292.4			18000	7200			
4.4	506	1.98	315.7			18000	7200			
3.9	578	1.73	360.6			18000	7200			
0.37	24.2	140	2.50	57.9	S052	71B4	6000	6000	212-213	
	19.2	176	1.98	72.8			6000	6000		
	18.9	176	1.99	74.2	S053	71B4	6000	6000		212-213
	14.6	227	1.54	95.8			6000	6000		
	11.9	279	1.26	117.5			6000	6000		
	10.2	326	1.07	137.5			6000	6000		
	14.0	237	2.53	99.9	S063	71B4	10000	4000	214-215	
	11.1	300	2.00	126.4			10000	4000		
	9.3	358	1.68	150.9			10000	4000		
	7.6	439	1.37	185.0			10000	4000		
	6.4	517	1.16	217.8			10000	4000		
	5.2	634	0.95	267.2			10000	4000		
	7.6	439	2.28	184.9	S083	71B4	18000	7200		216-217
	6.9	482	2.08	203.1			18000	7200		
	5.6	594	1.68	250.5			18000	7200		
	4.8	694	1.44	292.4			18000	7200		
	4.4	749	1.33	315.7			18000	7200		
	3.9	855	1.17	360.6			18000	7200		
	4.4	761	2.10	320.8	S103	71B4	22000	9000	218-219	
4.1	820	1.95	345.6			22000	9000			
3.5	936	1.71	394.7			22000	9000			
0.55	32.8	154	2.28	42.6	S052	80A4	6000	6000	212-213	
	29.7	170	2.06	47.2			6000	6000		
	26.8	188	1.86	52.3			6000	6000		

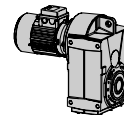

Prestazioni / Performance / Leistungen / Performances / Prestaciones (n1=1400) IS



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	

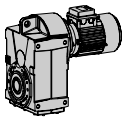


S Prestazioni / Performance / Leistungen / Performances / Prestaciones



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	S062	80C4	10000	4000	214-215	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	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	S083	80C4	18000	8152	216-217	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	S103	80C4	22000	11195	218-219	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	S123	80C4	30000	11200	220-221	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	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
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			S062	80C4			10000	4000	214-215																																																																																																																																																																																																																																																																																																																																				
	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																																																																																																																																																																																																																																																																																																																																												
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	S083	80C4	18000	8152	216-217																																																																																																																																																																																																																																																																																																																																									
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	S103	80C4	22000	11195	218-219																																																																																																																																																																																																																																																																																																																																									
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	S123	80C4	30000	11200	220-221																																																																																																																																																																																																																																																																																																																																									
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																																																																																																																																																																																																																																																																																																																																												
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																																																																																																																																																																																																																																																																																																																																										

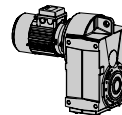

Prestazioni / Performance / Leistungen / Performances / Prestaciones
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

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					

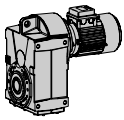


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

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						

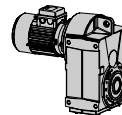

Prestazioni / Performance / Leistungen / Performances / Prestaciones
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

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				
2.2	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							
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					

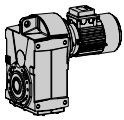


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

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			S082	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				

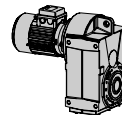

Prestazioni / Performance / Leistungen / Performances / Prestaciones
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

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							

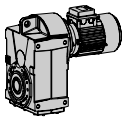




S Prestazioni / Performance / Leistungen / Performances / Prestaciones

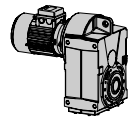
P1 (kW)	n2 (1/min)	M2 (Nm)	f.s.	i	Grandezza, Size, Größe, Taille, Tamaño		Fr2 DSP (N)	Fr2 C (N)					
4.8	34.1	1291	2.32	41.1	S122	112MS4	30000	8903	220-221				
	28.5	1541	1.56	49.0			30000	10285					
	26.0	1690	1.54	53.8			30000	10464					
	21.2	2075	1.45	66.0			30000	10962					
	19.7	2187	1.23	71.1	S123	112MS4	30000	11638	220-221				
	16.0	2686	1.12	87.3			30000	12334					
5.5	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					
		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				
7.5	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
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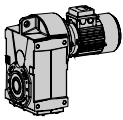
P1 (kW)	n2 (1/min)	M2 (Nm)	f.s.	i	Grandezza, Size, Größe, Taille, Tamaño		Fr2 DSP (N)	Fr2 C (N)					
7.5	53.2	1293	1.16	26.3	S102	132L4	22000	6222	218-219				
	46.9	1467	1.02	29.9			22000	6533					
	43.2	1591	0.94	32.4			22000	6741					
	53.5	1285	2.34	26.2	S122	132L4	30000	7222	220-221				
	49.0	1405	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					
15.5	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					
	18.5	165.0	1028	1.46			8.5	S122		180M4	21376	5596	220-221
		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					

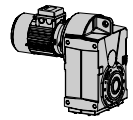

Prestazioni / Performance / Leistungen / Performances / Prestaciones (n1=1400) IS


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	
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
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	
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	

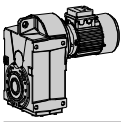


IS (n1=1400) Prestazioni / Performance / Leistungen / Performances / Prestaciones

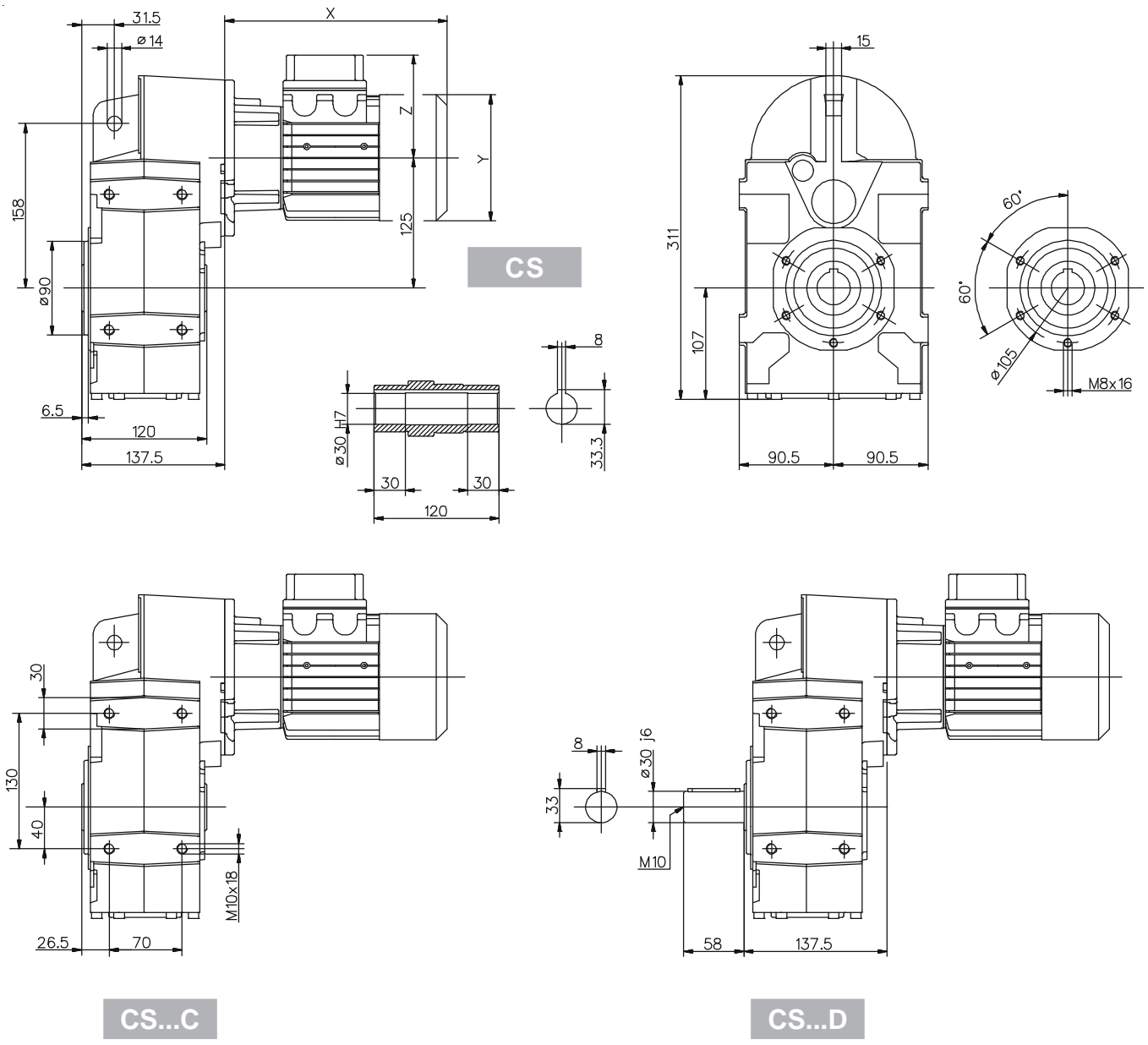
M2 (Nm)	i	P1 (kW)	n2 (1/min)	Grandezza, Size, Größe, Taille, Tamaño	Fr1 (N)	Fr2 DSP (N)	Fr2 C (N)	
750	12.8	9.0	109.8	IS082	1632	14140	4040	217
770	15.7	7.5	89.0		1859	15264	4361	
770	17.3	6.8	80.9		1962	15832	4523	
770	20.1	5.8	69.5		2107	16778	4794	
800	22.1	5.5	63.3		2154	17288	4939	
800	24.0	5.1	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	
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
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
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	

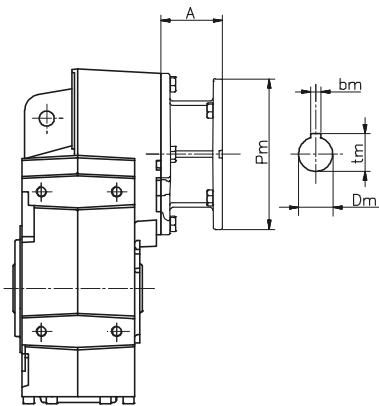
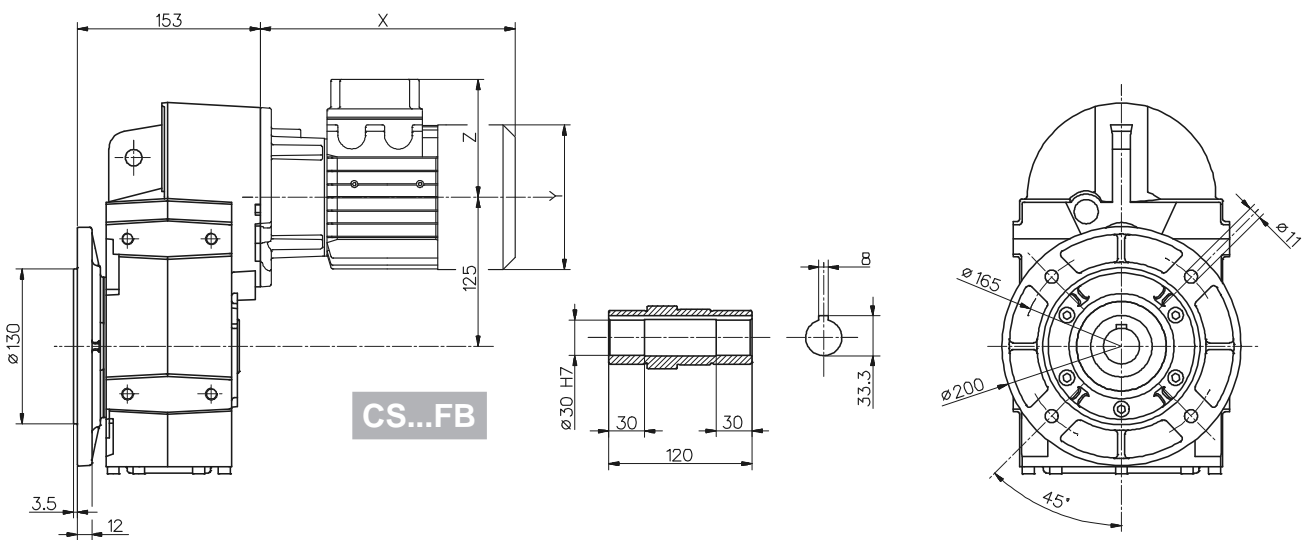
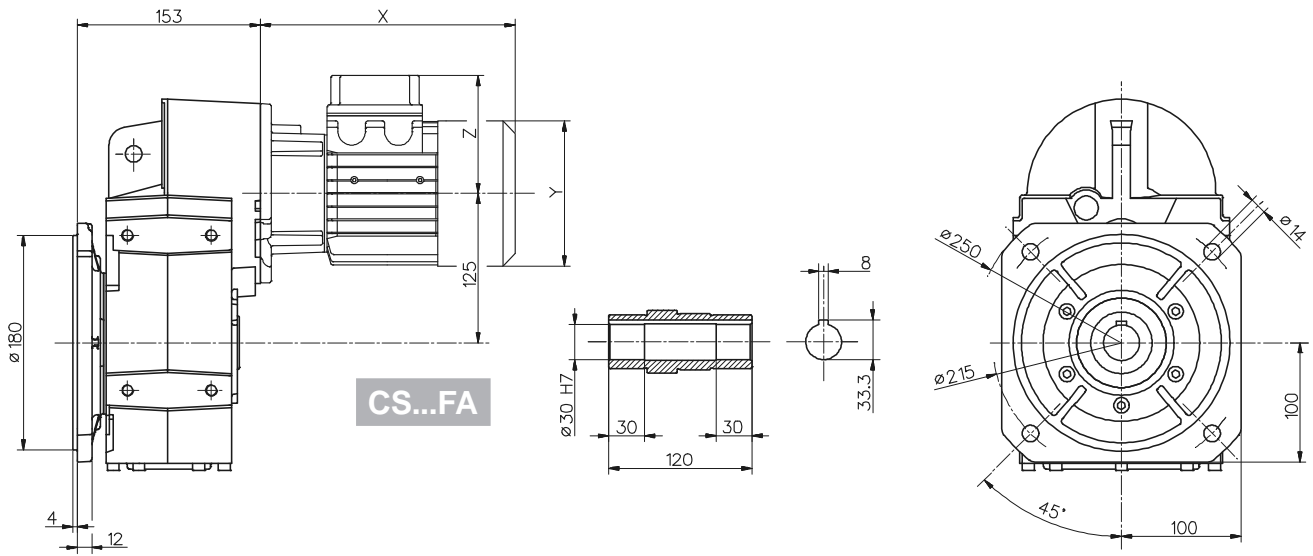
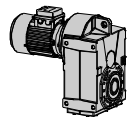


052/.3 Dimensioni / Dimensions / Abmessungen / Encombremets / Dimensiones

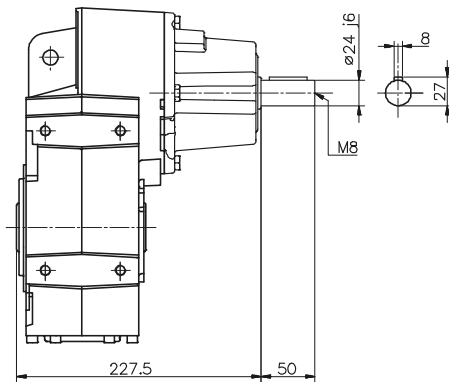


050	IS	PAM		Motore normale / Standard motor / Normaler Motor / Moteur normal / Motor normal			Motore autofrenante / Brake motor / Bremsmotor Moteur frein / Motor-freno				
	~Kg	A	~Kg	X	Y	Z	~Kg	X	Y	Z	~Kg
63	21	57	17.8	215	121	104	21.3	273	121	119	22.8
71		69	18.2	241	139	112	22.2	305	139	128	24.4
80		90	18.8	268	158	122	26.9	341	158	137	30.4
90s		90	18.8	296	173	130	30.8	373	173	130	36.3
90l		90	18.8	321	173	130	32.8	398	173	130	38.3
100		105	23	333	191	139	38.3	415	191	139	43.8
112		105	23	351	211	154	49.8	448	211	154	59.5

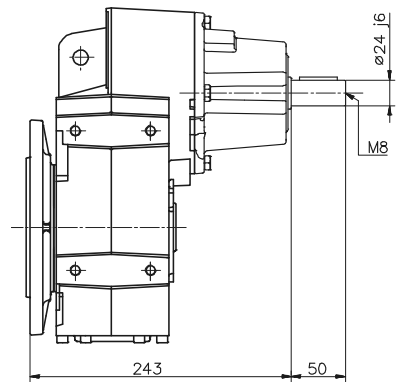
Per le dimensioni relative alla zona attacco motore (Pm, Dm, bm, tm) fare riferimento alla tabella di pag. 223.
 For the dimensions concerning the motor connection area (Pm, Dm, bm, tm) please refer to the table shown at page 223.
 Zu den Abmessungen des Motoranschlußflansches (Pm, Dm, bm, tm) siehe Tabelle auf Seite 223.
 Pour les dimensions concernant la zone de montage du moteur (Pm, Dm, bm, tm) lire SVP le tableau à la page 223.
 Para las magnitudes correspondientes a la zona del motor (Pm, Dm, bm, tm) consulte la tabla de la página 223.



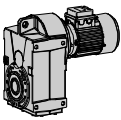
S...C



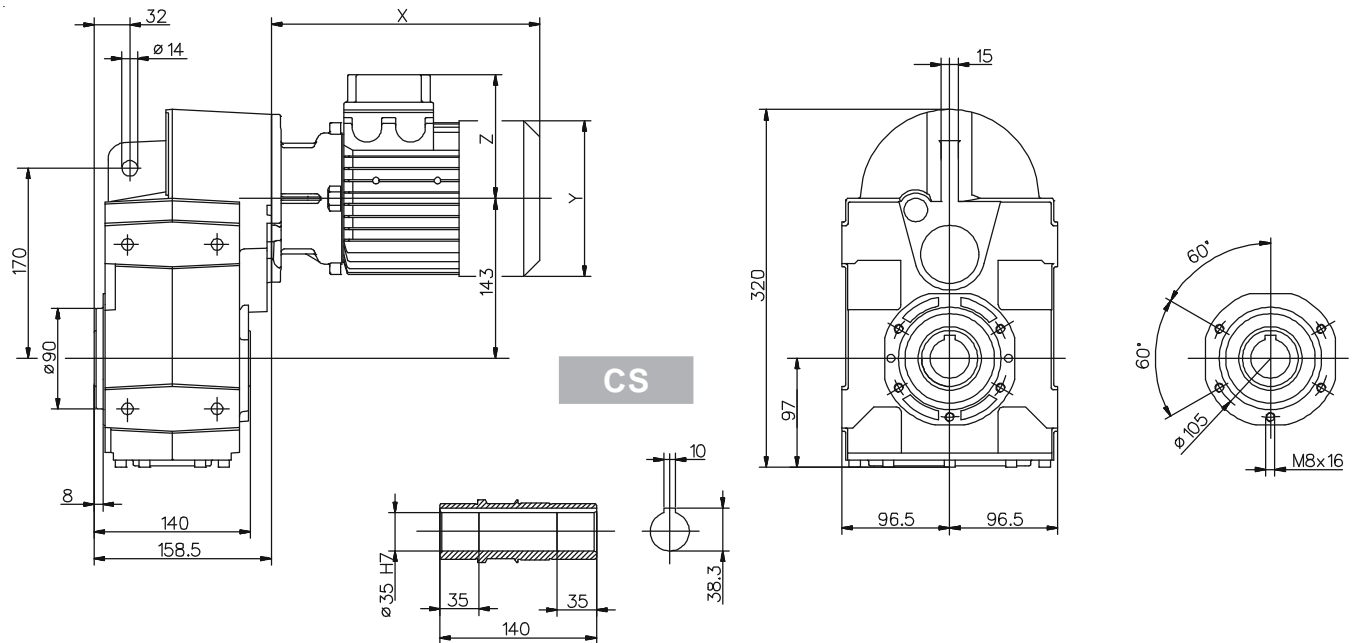
IS...C



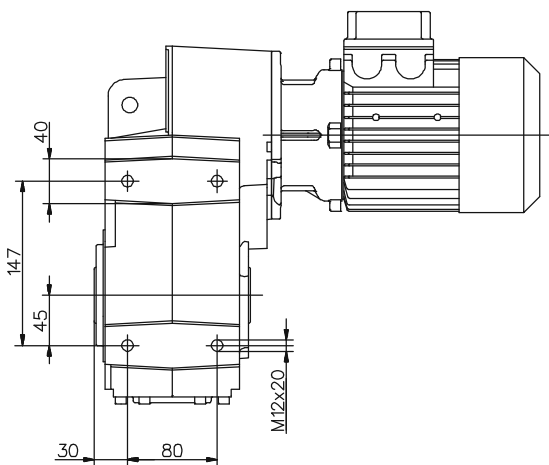
IS...FA - FB



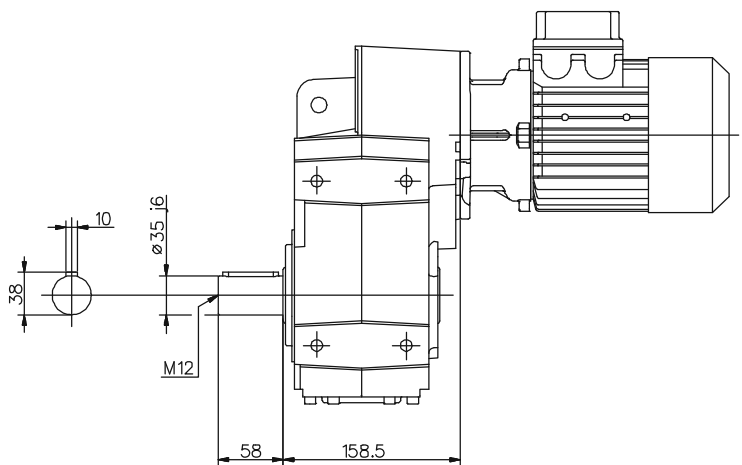
062/..3 Dimensioni / Dimensions / Abmessungen / Encombremets / Dimensiones



CS



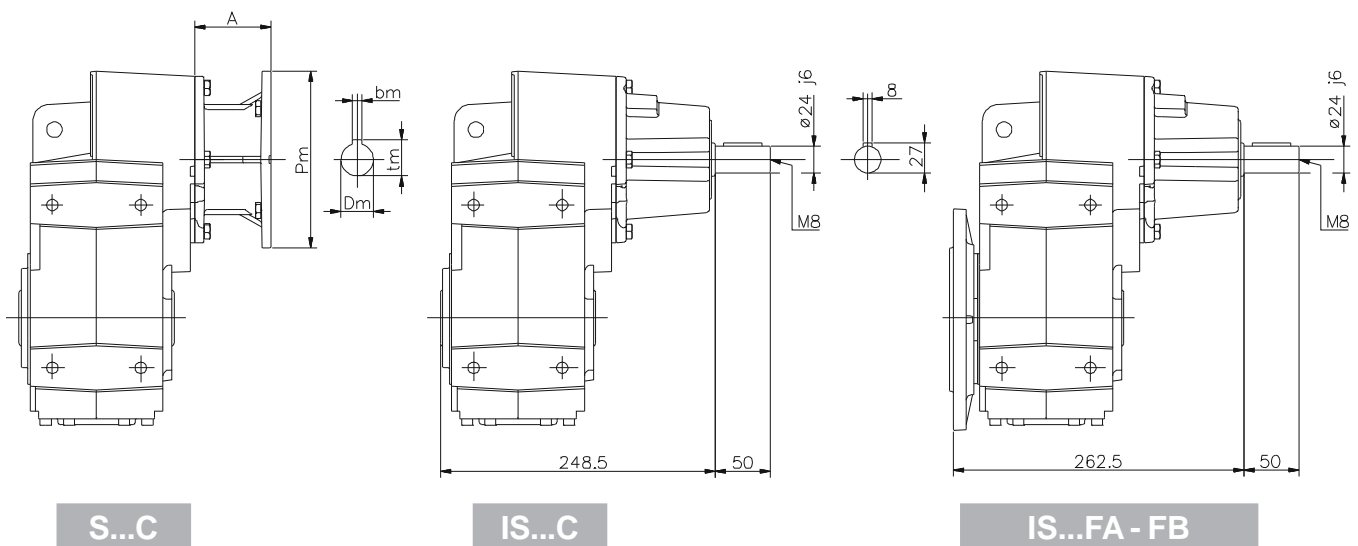
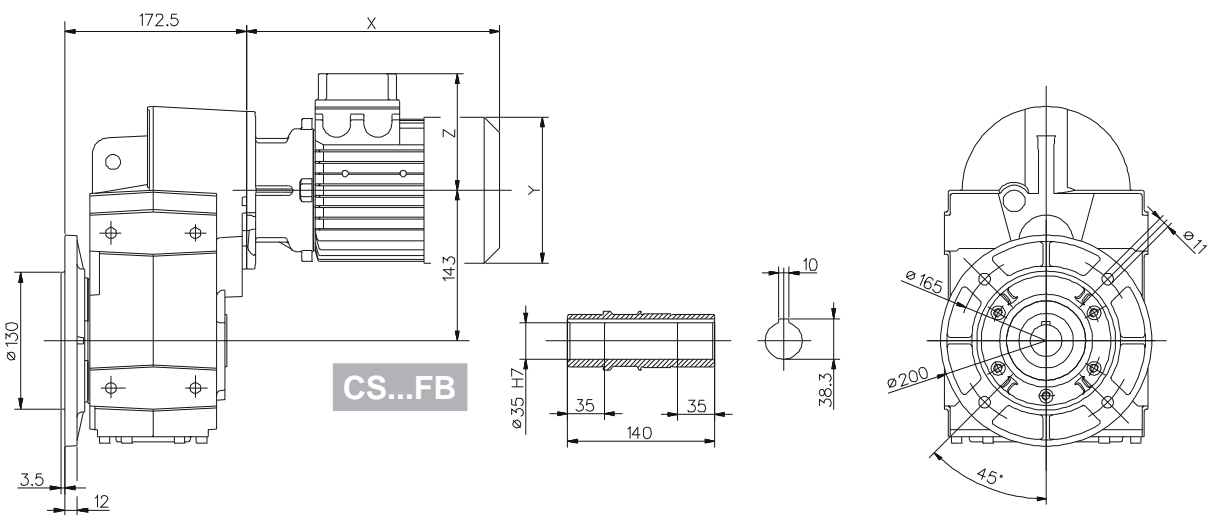
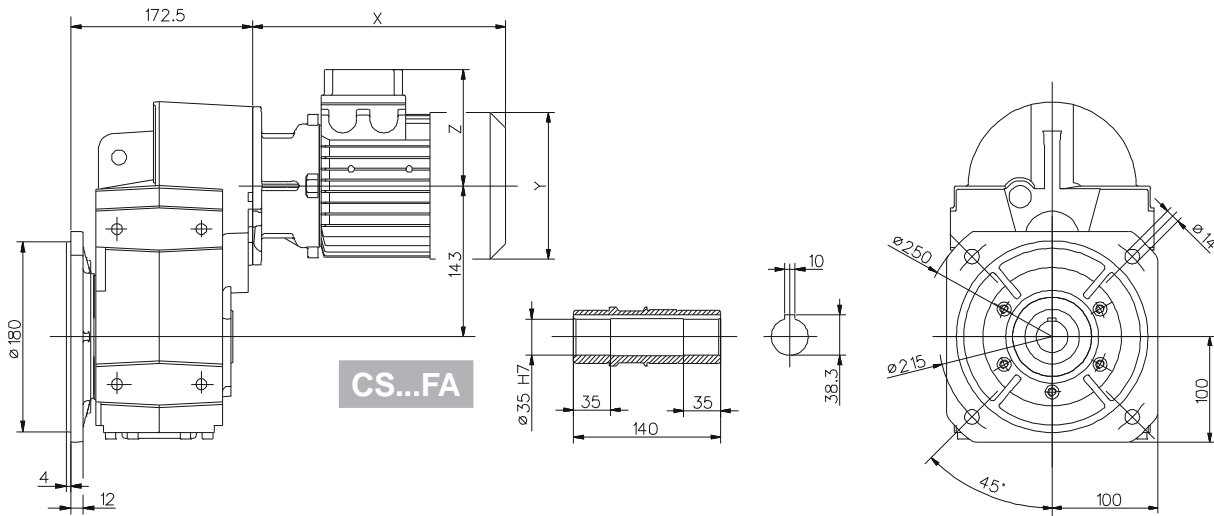
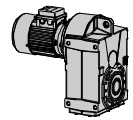
CS...C

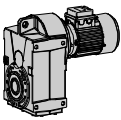


CS...D

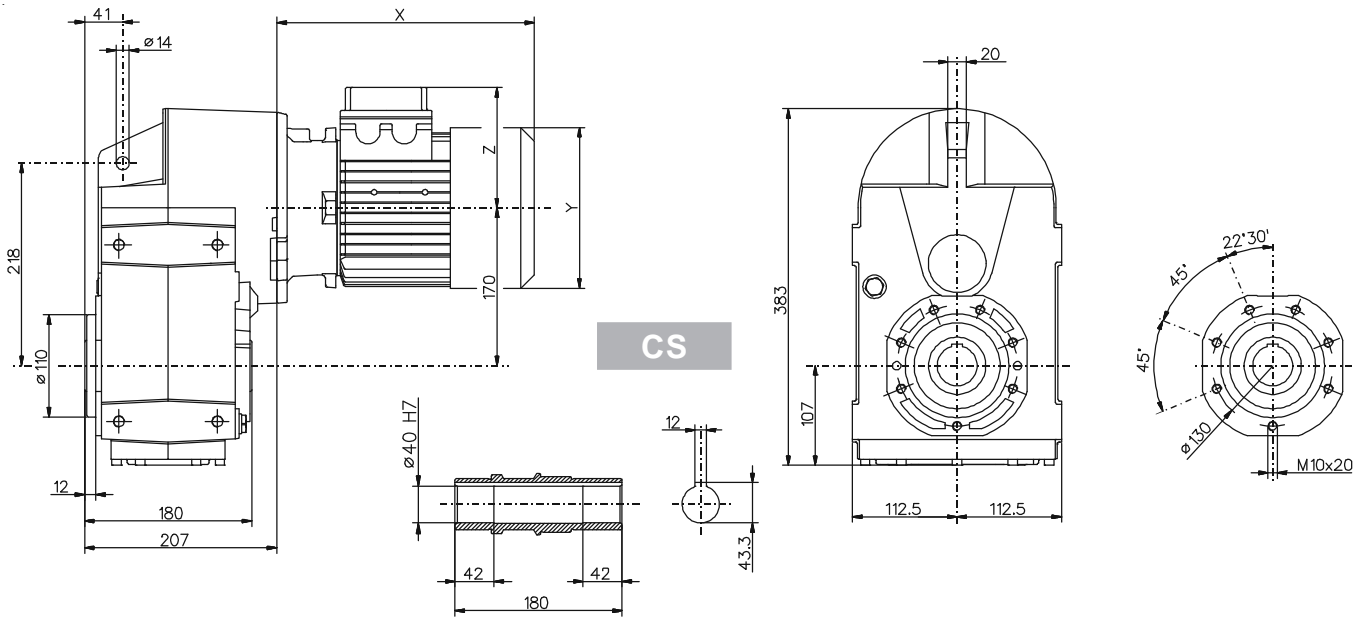
060	IS	PAM		Motore normale / Standard motor / Normaler Motor / Moteur normal / Motor normal			Motore autofrenante / Brake motor / Bremsmotor Moteur frein / Motor-freno				
	~Kg	A	~Kg	X	Y	Z	~Kg	X	Y	Z	~Kg
71	24.8	69	22	241	139	112	26	305	139	128	28.3
80		90	22.7	268	158	122	30.8	341	158	137	34.3
90s		90	22.7	296	173	130	34.7	373	173	130	40.2
90l		90	22.7	321	173	130	36.7	398	173	130	42.2
100		105	27	333	191	139	42.2	415	191	139	47.7
112		105	27	351	211	154	53.7	448	211	154	63.4

Per le dimensioni relative alla zona attacco motore (Pm, Dm, bm, tm) fare riferimento alla tabella di pag. 223.
 For the dimensions concerning the motor connection area (Pm, Dm, bm, tm) please refer to the table shown at page 223.
 Zu den Abmessungen des Motoranschlußflansches (Pm, Dm, bm, tm) siehe Tabelle auf Seite 223.
 Pour les dimensions concernant la zone de montage du moteur (Pm, Dm, bm, tm) lire SVP le tableau à la page 223.
 Para las magnitudes correspondientes a la zona del motor (Pm, Dm, bm, tm) consulte la tabla de la página 223.

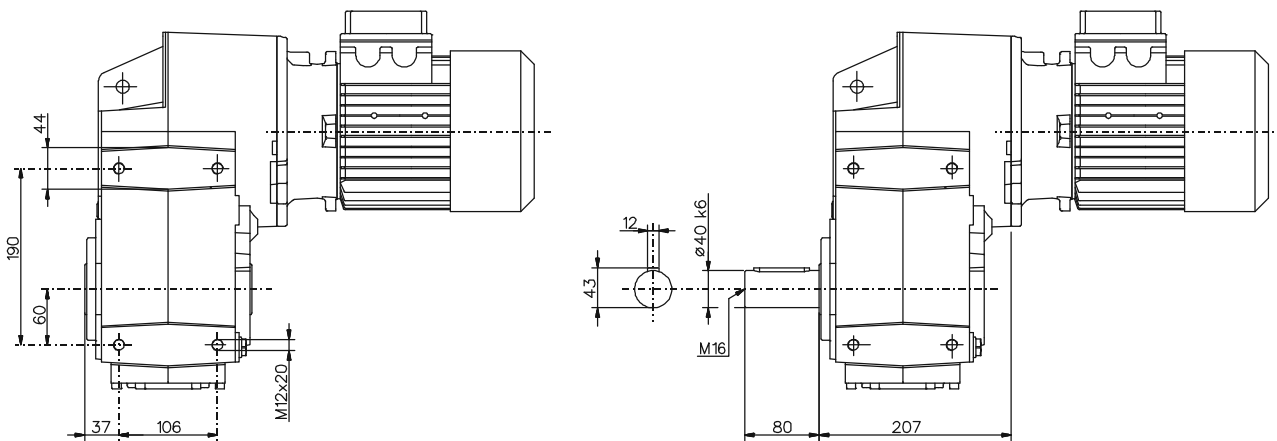




082/..3 Dimensioni / Dimensions / Abmessungen / Encombremets / Dimensiones



CS

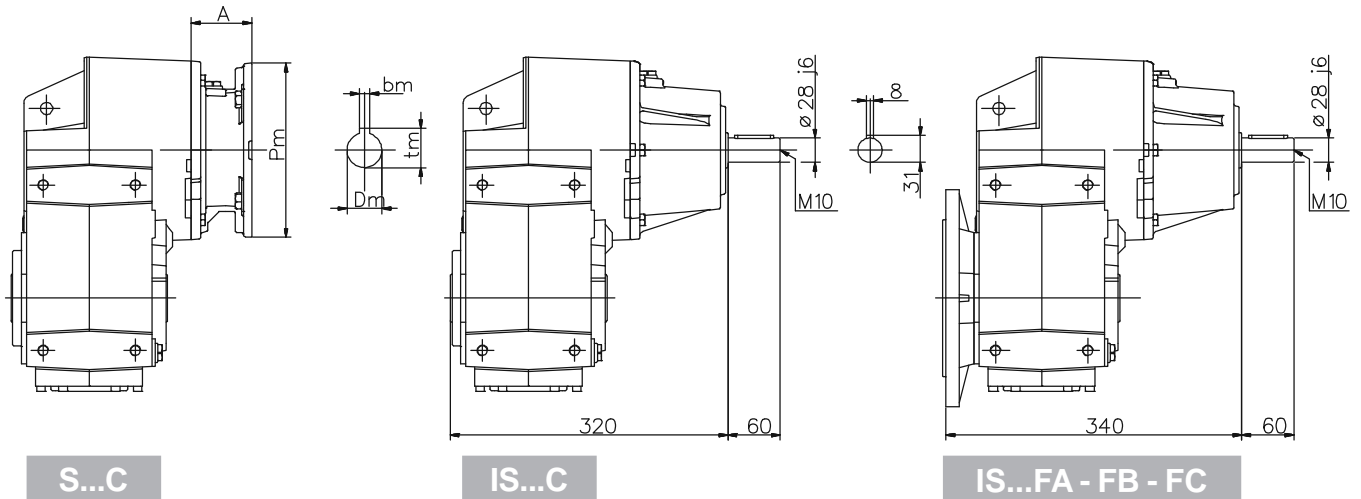
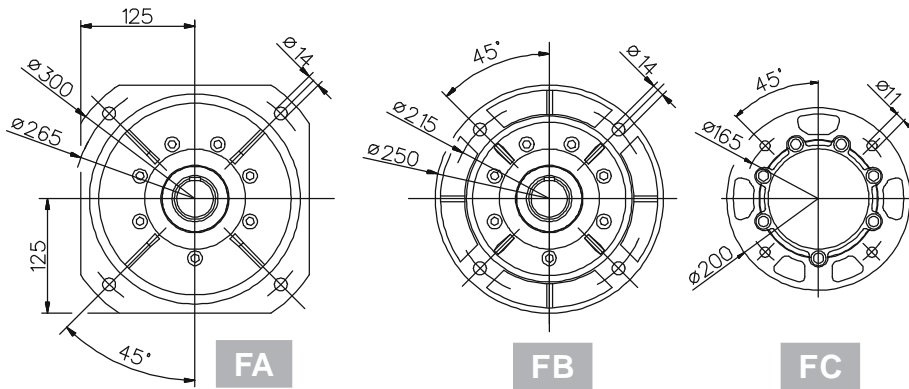
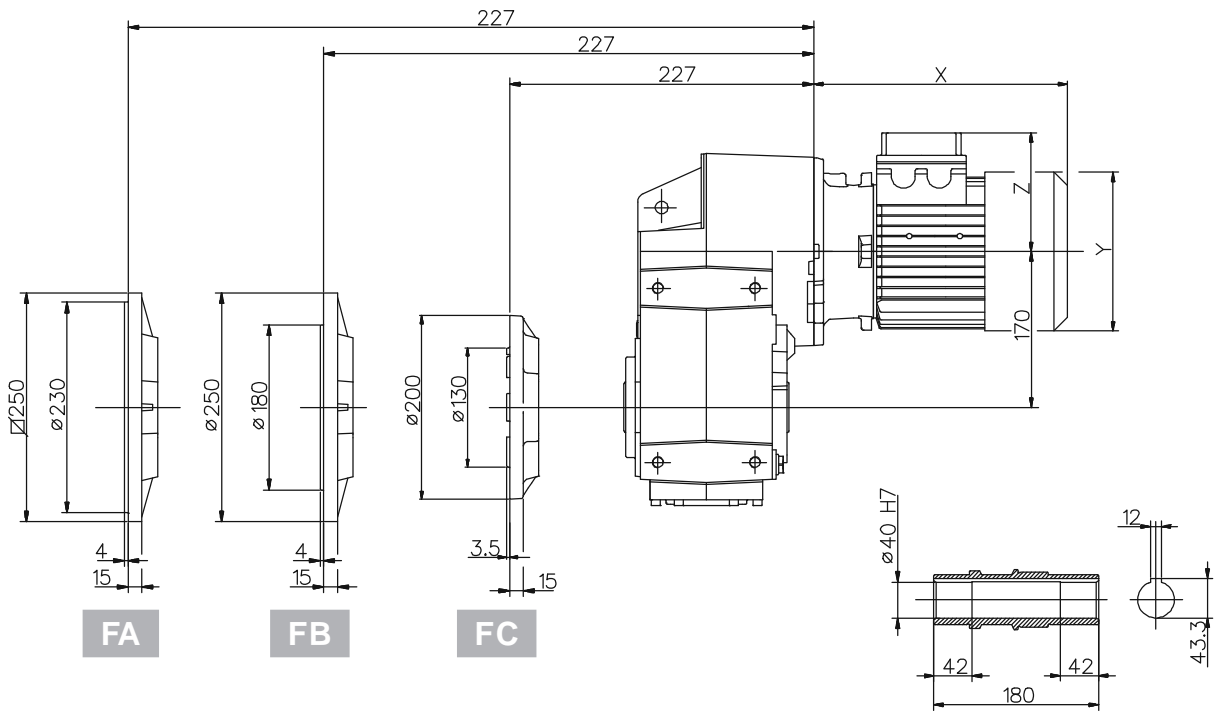
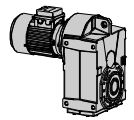


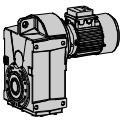
CS...C

CS...D

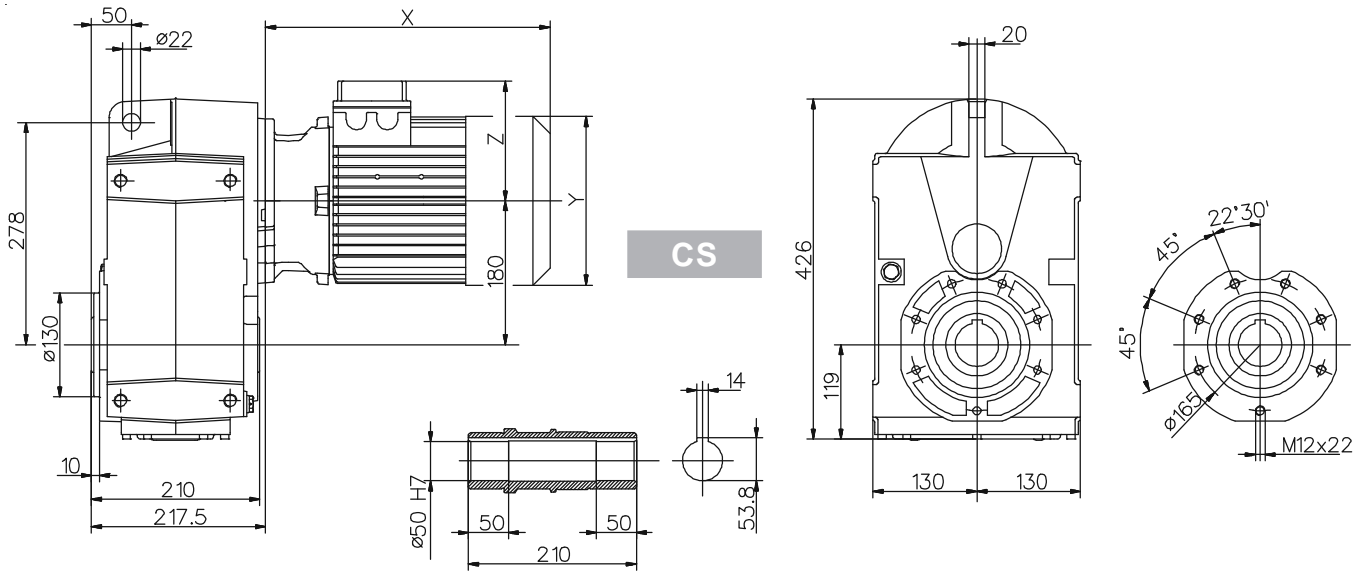
080	IS	PAM		Motore normale / Standard motor / Normaler Motor / Moteur normal / Motor normal			Motore autofrenante / Brake motor / Bremsmotor Moteur frein / Motor-freno				
	~Kg	A	~Kg	X	Y	Z	~Kg	X	Y	Z	~Kg
71	39	49	32.9	221	139	112	36.5	285	139	128	38.7
80		70	35	248	158	122	41.6	321	158	137	45
90s		70	35	276	173	130	44	353	173	130	49.5
90l		70	35	301	173	130	45.5	378	173	130	51
100		85	37	335	191	139	50.6	417	191	139	56
112		85	37	356	211	154	62	453	211	154	71.7
132s		110	39.7	396	249	194	76	495	249	194	86.3
132m		110	39.7	443	249	194	194	87.6	547	249	194

Per le dimensioni relative alla zona attacco motore (Pm, Dm, bm, tm) fare riferimento alla tabella di pag. 223.
 For the dimensions concerning the motor connection area (Pm, Dm, bm, tm) please refer to the table shown at page 223.
 Zu den Abmessungen des Motoranschlußflansches (Pm, Dm, bm, tm) siehe Tabelle auf Seite 223.
 Pour les dimensions concernant la zone de montage du moteur (Pm, Dm, bm, tm) lire SVP le tableau à la page 223.
 Para las magnitudes correspondientes a la zona del motor (Pm, Dm, bm, tm) consulte la tabla de la página 223.

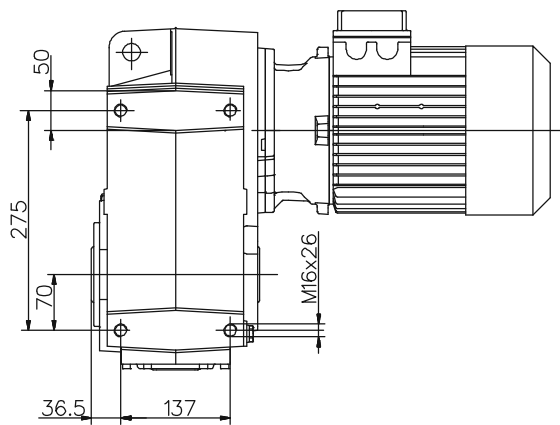




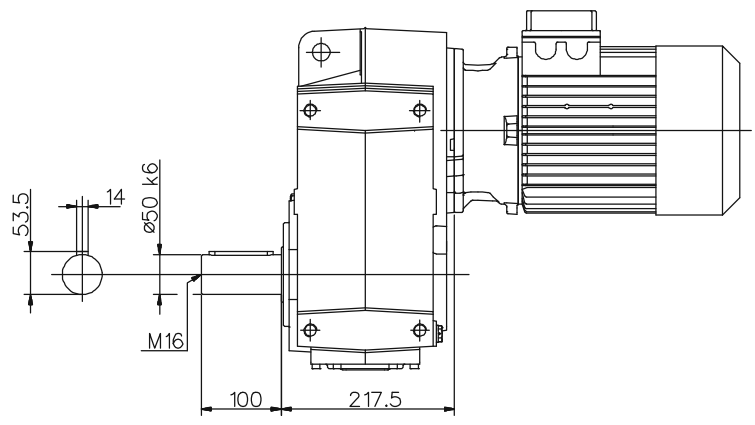
102..3 Dimensioni / Dimensions / Abmessungen / Encombremets / Dimensiones



CS



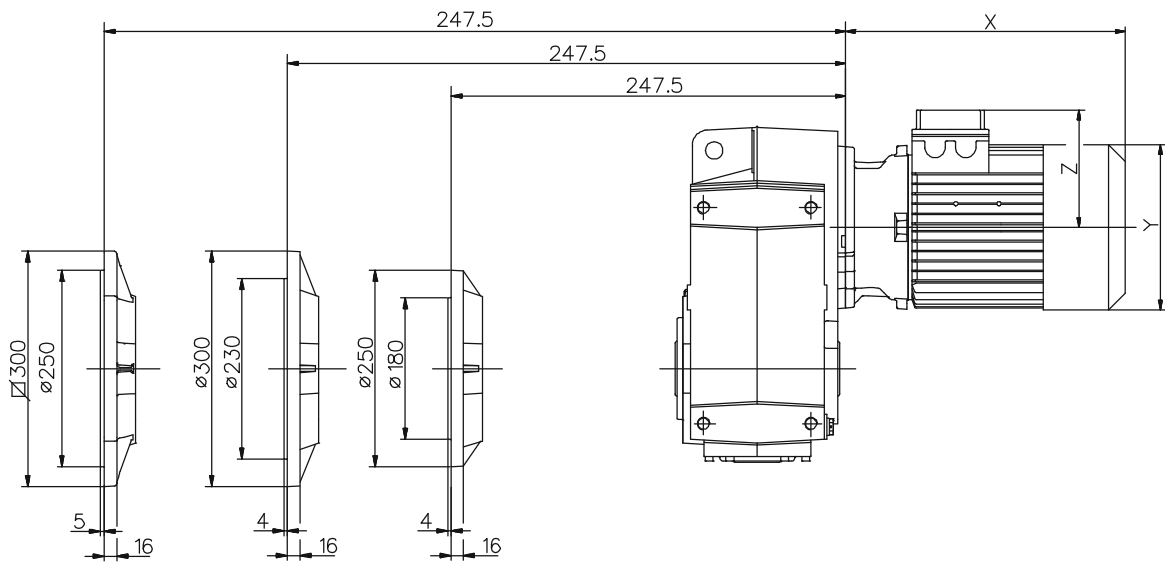
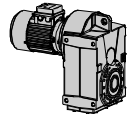
CS...C



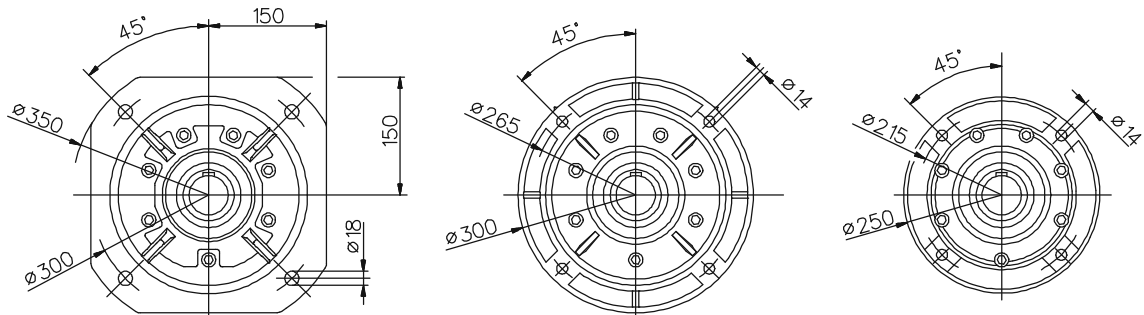
CS...D

100	IS	PAM		Motore normale / Standard motor / Normaler Motor / Moteur normal / Motor normal			Motore autofrenante / Brake motor / Bremsmotor / Moteur frein / Motor-freno				
	~Kg	A	~Kg	X	Y	Z	~Kg	X	Y	Z	~Kg
71	50	49	44	221	139	112	47.5	285	139	128	49.7
80		70	46	248	158	122	52.6	321	158	137	56
90s		70	46	276	173	130	55	353	173	130	60.5
90l		70	46	301	173	130	56.5	378	173	130	62
100		85	48	335	191	139	61.6	417	191	139	67
112		85	48	356	211	154	73	453	211	154	82.7
132s		110	50.7	396	249	194	87	495	249	194	97.3
132m		110	50.7	443	249	194	98.6	547	249	194	113.3
160s		158	57.4	522	310	244	-	-	-	-	-
160l		158	57.4	566	310	244	-	-	-	-	-

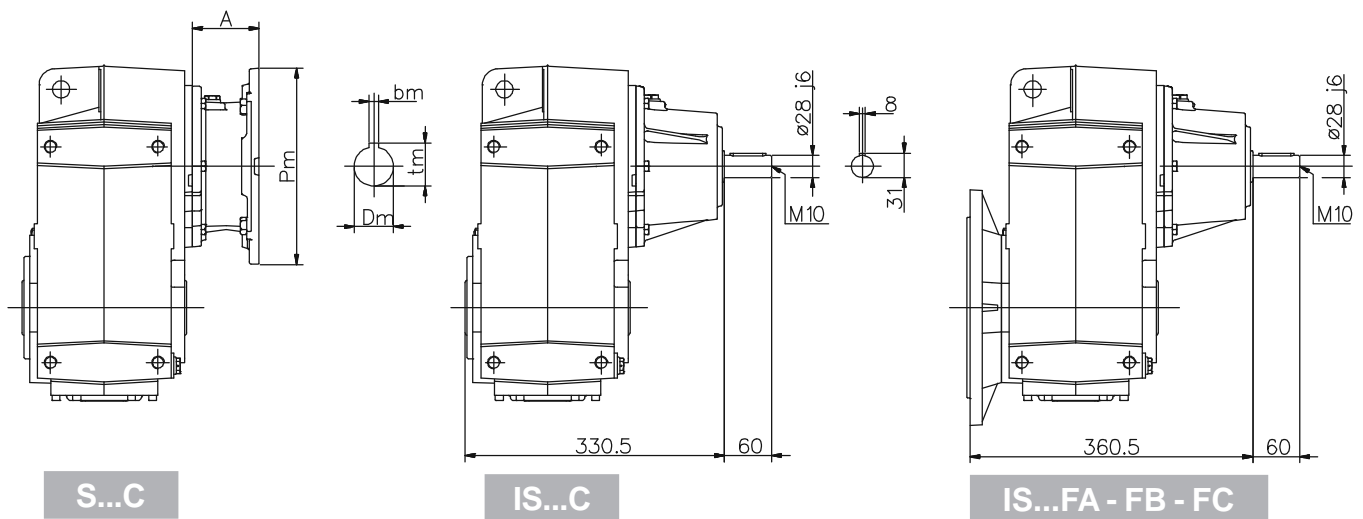
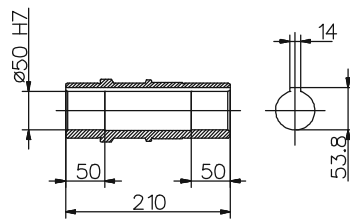
Per le dimensioni relative alla zona attacco motore (Pm, Dm, bm, tm) fare riferimento alla tabella di pag. 223.
 For the dimensions concerning the motor connection area (Pm, Dm, bm, tm) please refer to the table shown at page 223.
 Zu den Abmessungen des Motoranschlußflansches (Pm, Dm, bm, tm) siehe Tabelle auf Seite 223.
 Pour les dimensions concernant la zone de montage du moteur (Pm, Dm, bm, tm) lire SVP le tableau à la page 223.
 Para las magnitudes correspondientes a la zona del motor (Pm, Dm, bm, tm) consulte la tabla de la página 223.



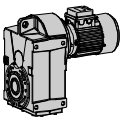
FA **FB** **FC**



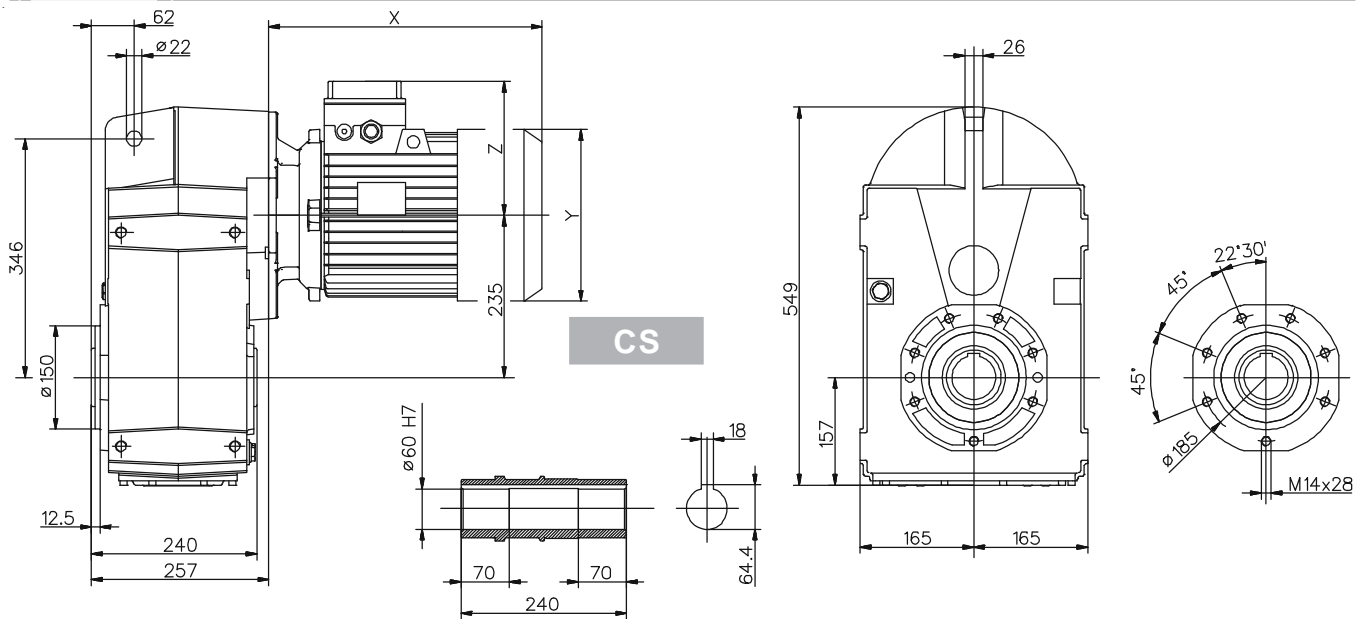
FA **FB** **FC**



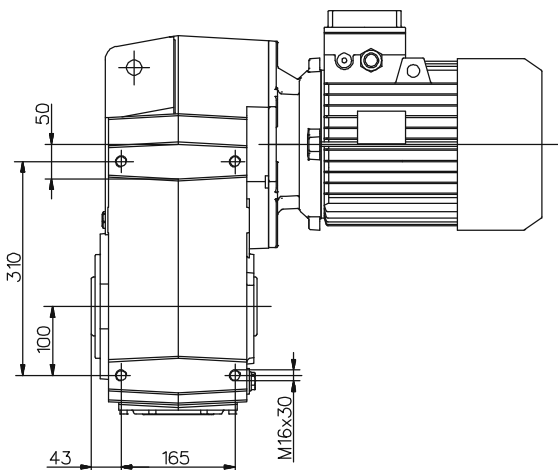
S...C **IS...C** **IS...FA - FB - FC**



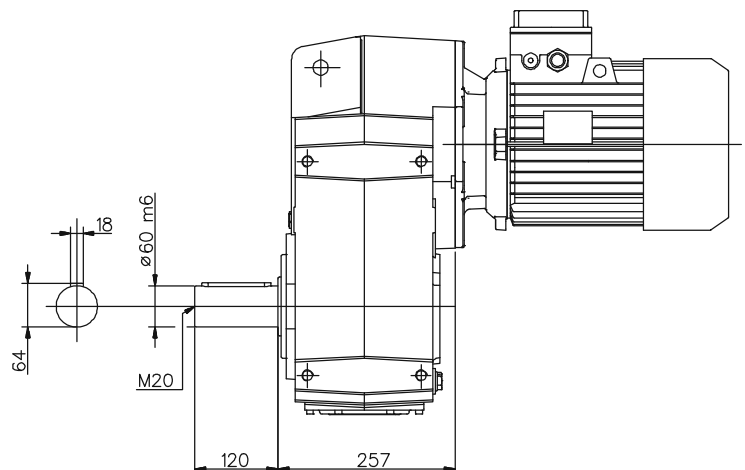
122/..3 Dimensioni / Dimensions / Abmessungen / Encombremets / Dimensiones



CS



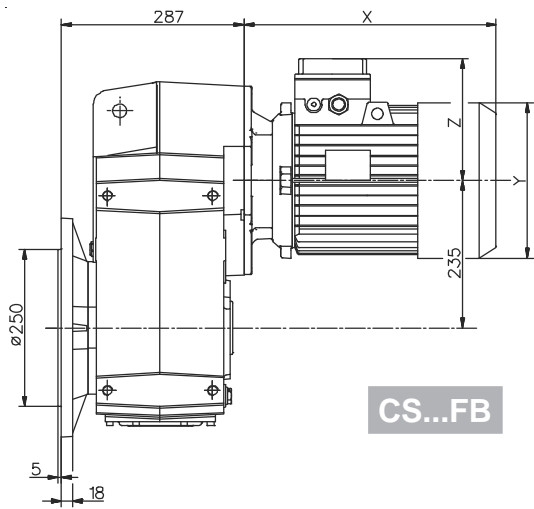
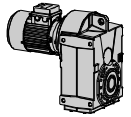
CS...C



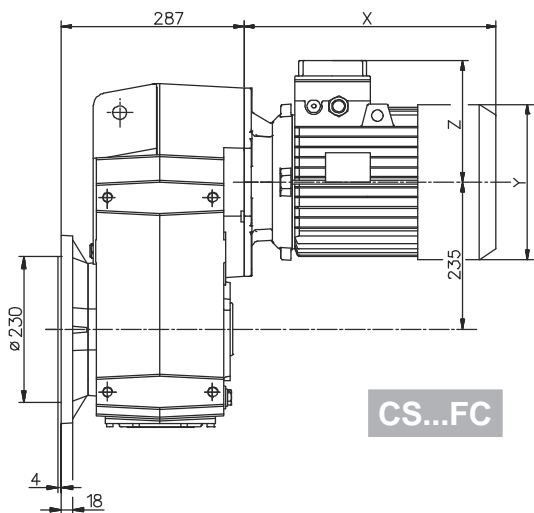
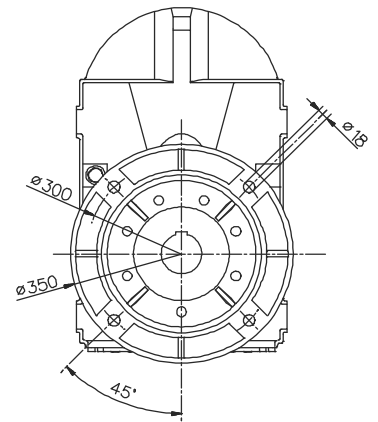
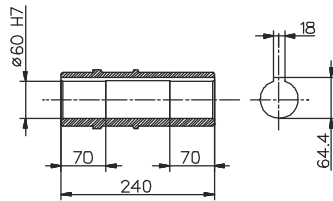
CS...D

125	IS	PAM		Motore normale / Standard motor / Normaler Motor / Moteur normal / Motor normal			Motore autofrenante / Brake motor / Bremsmotor / Moteur frein / Motor-freno				
	~Kg	A	~Kg	X	Y	Z	~Kg	X	Y	Z	~Kg
80		61	82	-	-	-	-	-	-	-	-
90s		61	82	267	173	130	91	343	173	130	96.5
90l		61	82	292	173	130	92	368	173	130	97.5
100		76	84.2	326	191	139	98	407	191	139	103.5
112		76	84.2	347	211	154	108	443	211	154	117.7
132s	91.8	101	87	386	249	194	123	485	249	194	133.3
132m		101	87	434	249	194	132	537	249	194	146.7
160s		148	93	540	310	244	-	-	-	-	-
160l		148	93	584	310	244	-	-	-	-	-
180		148	93	641	349	260	-	-	-	-	-
200		185	108	-	-	-	-	-	-	-	-

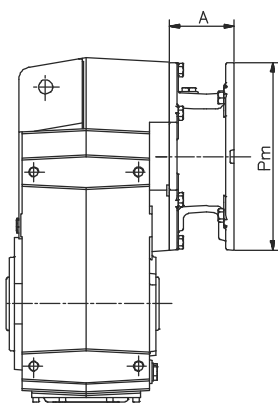
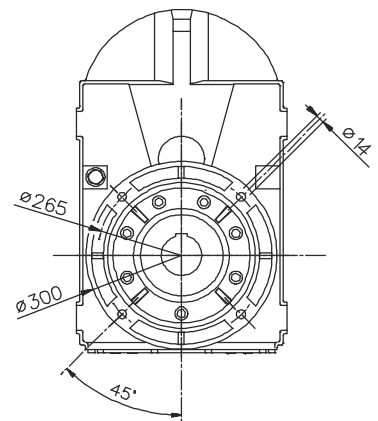
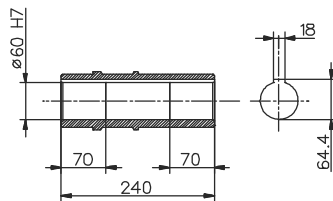
Per le dimensioni relative alla zona attacco motore (Pm, Dm, bm, tm) fare riferimento alla tabella di pag. 223.
 For the dimensions concerning the motor connection area (Pm, Dm, bm, tm) please refer to the table shown at page 223.
 Zu den Abmessungen des Motoranschlußflansches (Pm, Dm, bm, tm) siehe Tabelle auf Seite 223.
 Pour les dimensions concernant la zone de montage du moteur (Pm, Dm, bm, tm) lire SVP le tableau à la page 223.
 Para las magnitudes correspondientes a la zona del motor (Pm, Dm, bm, tm) consulte la tabla de la página 223.



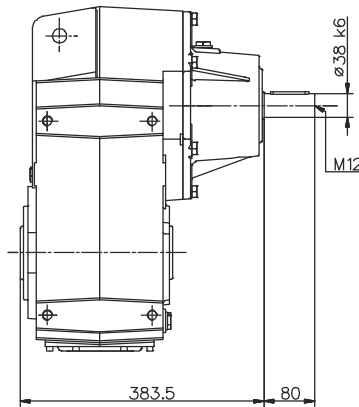
CS...FB



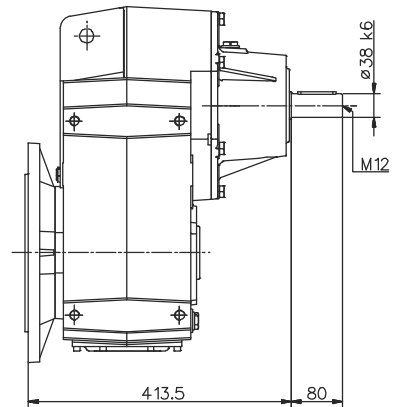
CS...FC



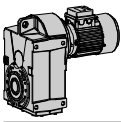
S...C



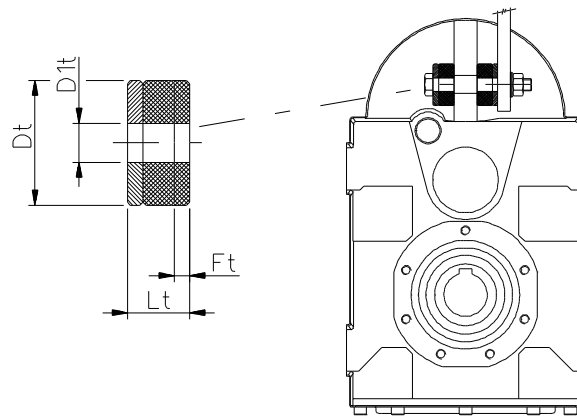
IS...C



IS...FB - FC

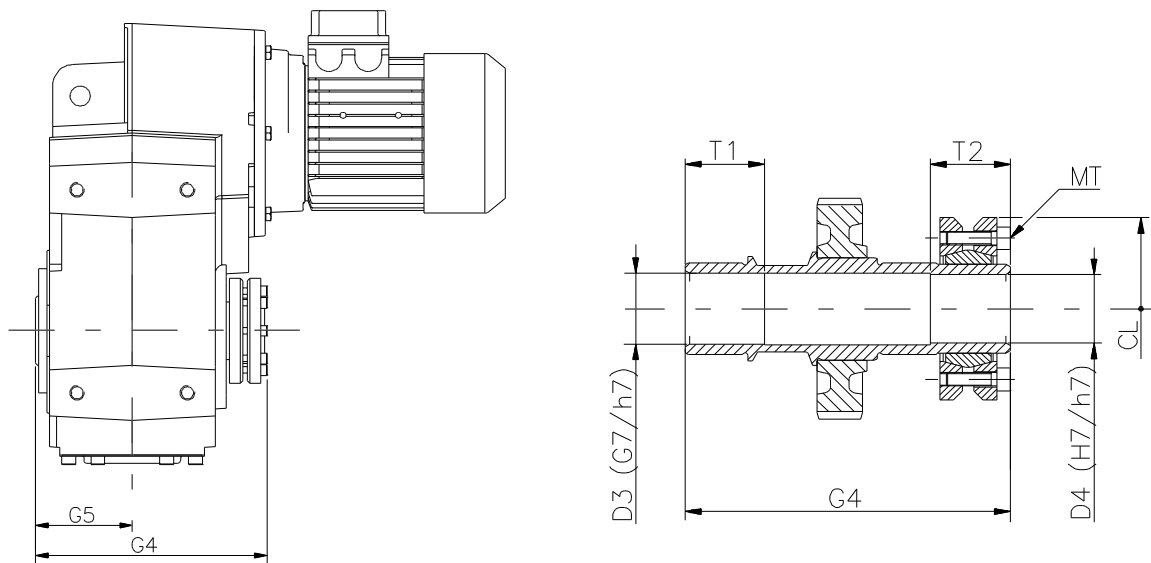


Braccio di reazione / Torque arm / Drehmomentstütze / Bras de réaction / Brazo de reacción



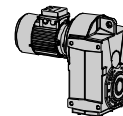
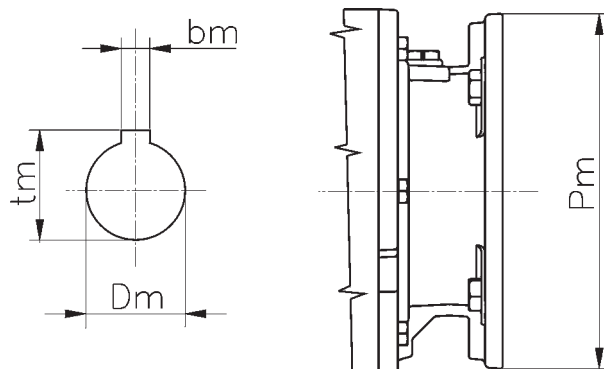
	Dt	D1t	Lt	Ft
050	40	12,5	20	~ 3
060	40	12,5	20	~ 3
080	40	12,5	20	~ 3
100	60	21	30	~ 5
125	60	21	30	~ 5

Calettatore / Shrink disc / Schrumpfscheibe / Frette d'accouplement / Aro de apriete



	D3	D4	G4	G5	T1	T2	CL	MT 12.9 (Nm)
050	31	30	152	60	35	35	74	15
060	36	35	173	70	40	35	80	15
080	41	40	217	90	50	40	100	15
100	51	50	248	105	55	40	115	15
125	61	60	282	120	60	50	145	40

- Pulire e sgrassare le zone degli alberi interessati all'accoppiamento. Rispettare la coppia di serraggio viti indicata (MT).
- Clean and degrease the surfaces of the shaft to be fitted to. Comply with the indicated tightening torque of screws (MT).
- Vor Montage der Schrumpfscheibe den Außendurchmesser der Hohlwelle reinigen und entfetten. Die Schrauben (MT) mit dem vorgeschriebenen Drehmoment anziehen.
- Nettoyer et dégraisser les surfaces des arbres intéressés par l'accouplement. Respecter le couple de serrage des vis indiqué (MT).
- Pulir y desengrasar las partes interessadas en el acoplamiento. Observar el par de torsion de los tornillos indicados (MT).


PAM B5 - Dimensioni / Dimensions / Abmessungen / Encombremets / Dimensiones


B5	IEC										
	063	071	080	090	100	112	132	160	180	200	225
Pm	140	160	200	200	250	250	300	350	350	400	450
Dm	11	14	19	24	28	28	38	42	48	55	60
bm	4	5	6	8	8	8	10	12	14	16	18
tm	12,8	16,3	21,8	27,3	31,3	31,3	41,3	45,3	51,8	59,3	64,4

