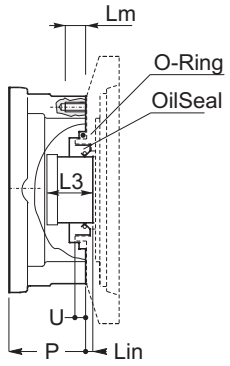
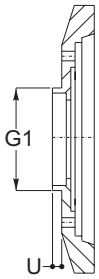
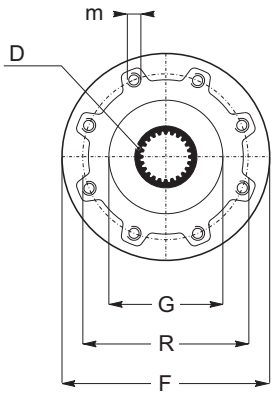
PREDISPOSIZIONI ATTACCO MOTORE
INPUT MOTOR ADJUSTMENTS
ELEKTROMORANBAU VORBEREITUNG

1.0 EU *1.0 EU* **1.0 EU**



EU





Kg	
EU	5.8

EU	EX1	EX2 EXB2	EX3 EXB3	EX4 EXB4
	EX 101⇒1001	EX 102⇒3502 / EXB 102⇒1002	EX 103⇒12003 / EX 103⇒3503	EX-EXB 104⇒12004
10	101	102	103	104
20	201	202	203	204
25	251	252	253	254
30	301	302	303	304
40		402	403	404
50	501	502	503	504
70	701	702	703	704
80	801	802	803	804
90		902	903	904
100	1001	1002	1003	1004
150		1502	1503	1504
180		1802	1803	1804
200		2002	2003	2004
250		2502	2503	2504
280		2802	2803	2804
300		3002	3003	3004
350		3502	3503	3504
420			4203	4204
650			6503	6504
850			8503	8504
1200			12003	12004

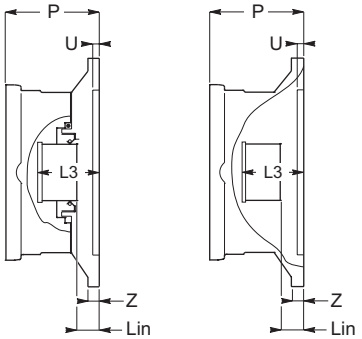
	D	F	R	G	U_{max}	L_{IN}	L3	m	L_m	O_{Ring}	Oil_{Seal}	P														
	DIN 5482		+/- 0,1	H7 g6																						
EU	50 x 45	186 244 295	150	95	6	4	38	M10	20	94.92 x 2.62	60x80 7.5	67	75	83		67	75	83		67	75	83		67	75	

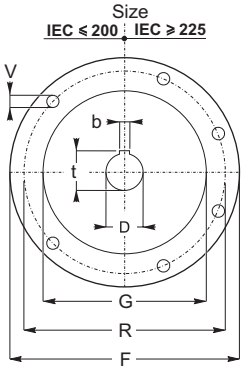
White page

2.0 IEC

2.0 IEC

2.0 IEC





Kg	
71-80-90	8
100-112	10
132	12
160-180	19
200	25
225	30
250-280	51

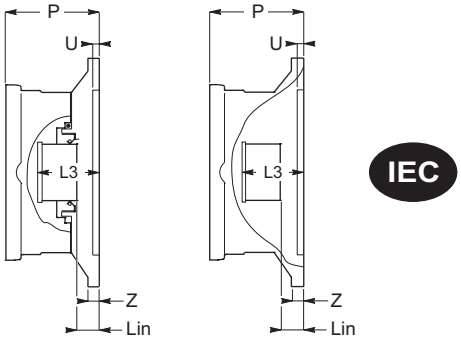
IEC	EX1				EX2				EX3				EX4			
10	101				102				103				104			
20	201				202				203				204			
25	251				252				253				254			
30		301			302				303				304			
40					402				403				404			
50		501			502				503				504			
70		701			702				703				704			
80			801			802			803				804			
90						902			903				904			
100			1001			1002			1003				1004			
150				1501		1502			1503				1504			
180						1802			1803				1804			
200				2001		2002			2003				2004			
250							2502			2503			2504			
280							2802			2803			2804			
300							3002			3003			3004			
350							3502			3503			3504			
420								4202		4203			4204			
650											6503			6504		
850											8503			8504		
1200											12003			12004		

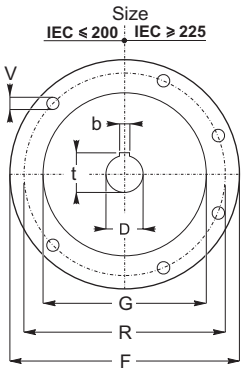
	D	F	R	G	U	V	Z	L_{IN}	L3	b	t	P																
	F7		+/-0,1	F8 G6						H7	+0,1 +0,2																	
63	11	140	115	95	10	M8	16	5,5	25	4	12,8	83	91	99		83	91	99		83	91	99		83	91			
71	14	160	130	110	10	M8	16	5,5	32	5	16,3	83	91	99		83	91	99		83	91	99		83	91			
80	19	200	165	130	5	M10	14	5,5	52	6	21,8	83	91	99		83	91	99		83	91	99		83	91			
90	24	200	165	130	5	M10	14	5,5	52	8	27,3	83	91	99		83	91	99		83	91	99		83	91			
100	28	250	215	180	5	M12	14	10,5	61	8	31,3	91	99	107		91	99	107		91	99	107		91	99			
112	28	250	215	180	5	M12	14	10,5	61	8	31,3	91	99	107		91	99	107		91	99	107		91	99			
132	38	300	265	230	5	M12	14	10,5	82	10	41,3	112	120	128		112	120	128		112	120	128		112	120			
160	42	350	300	250	6	M16	18	8,5	111	12	45,3	146		167		146		167		146		167		146				
180	48	350	300	250	6	M16	18	8,5	111	14	51,8	146		167		146		167		146		167		146				
160	42	350	300	250	6	M16	18	24,5	111	12	45,3		170				170				170				170			
180	48	350	300	250	6	M16	18	24,5	111	14	51,8		170				170				170				170			
200	55	400	350	300	6	M16	22	8,5	111	16	59,3		154	165	175		154	165	175		154	165			154			
225	60	450	400	350	6	M16	20	8,5	143	18	64,4		189	188.5	205		189	188.5	205		189	188.5			189			
250	65	550	500	450	6	M16	21	8,5	145	18	69,4			188.5	205			188.5	205			188.5						
280	75	550	500	450	6	M16	21	8,5	145	20	79,9			188.5	205			188.5	205			188.5						

2.0 IEC

2.0 IEC

2.0 IEC





Kg	
71-80-90	8
100-112	10
132	12
160-180	19
200	25
225	30
250-280	51

IEC		EXB2				EXB3				EXB4			
10		102				103				104			
20		202				203				204			
25		252				253				254			
30		302				303				304			
40		-				403				404			
50			502			503				504			
70			702			703				704			
80				802		803				804			
90				-		903				904			
100				1002			1003			1004			
150	-						1503			1504			
180							1803			1804			
200							2003			2004			
250								2503		2504			
280								2803			2804		
300								3003			3004		
350								3503			3504		
420											4204		
650												6504	
850												8504	
1200												12004	

	D	F	R	G	U	V	Z	L_{IN}	L3	b	t	P												
	F7		+/-0,1	F8 G6						H7	+0,1 +0,2													
63	11	140	115	95	10	M8	16	5,5	25	4	12,8													
71	14	160	130	110	10	M8	16	5,5	32	5	16,3	52				52				52				
80	19	200	165	130	5	M10	14	5,5	52	6	21,8	52	52			52	52			52	52			
90	24	200	165	130	5	M10	14	5,5	52	8	27,3	52	52	47		52	52	47		52	52	47		
100	28	250	215	180	5	M12	14	10,5	61	8	31,3	60	60	55		60	60	55		60	60	55		
112	28	250	215	180	5	M12	14	10,5	61	8	31,3	60	60	55		60	60	55		60	60	55		
132	38	300	265	230	5	M12	14	10,5	82	10	41,3	112	81	76		112	81	76		112	81	76		
160	42	350	300	250	6	M16	18	8,5	111	12	45,3	146	146			146	146			146	146			
180	48	350	300	250	6	M16	18	8,5	111	14	51,8	146	146			146	146			146	146			
160	42	350	300	250	6	M16	18	24,5	111	12	45,3			170				170				170		
180	48	350	300	250	6	M16	18	24,5	111	14	51,8			170				170				170		
200	55	400	350	300	6	M16	22	8,5	111	16	59,3			154				154				154		
225	60	450	400	350	6	M16	20	8,5	143	18	64,4			189				189				189		
250	65	550	500	450	6	M16	21	8,5	145	18	69,4													
280	75	550	500	450	6	M16	21	8,5	145	20	79,9													

3.0 Z0. - Z1. - Z2.

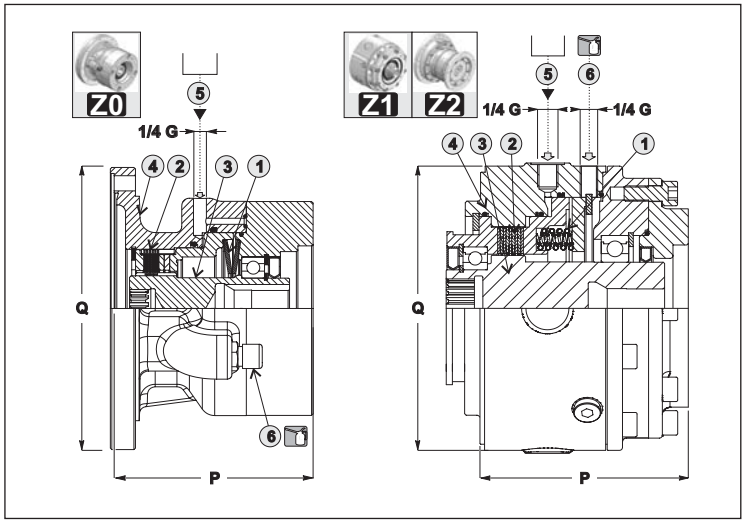
0.0 - Prestazioni

3.0 Z0. - Z1. - Z2.

0.0 - Performances

3.0 Z0. - Z1. - Z2.

0.0 - Leistungen



		A	B	C	D	E	F	G	H	Q	Kg
Z0	T_{RF}	60	100	160	200	280	330	430	520	186	12
	P_{Af}	10	16	16	20	20	24	24	29		
Z1.	T_{RF}	90	140	240	300	430	550	—	—	186	26
	P_{Af}	8.5	13	11	15	20	25	—	—		
Z2.	T_{RF}	400	650	800	1000	1250	1500	1700	—	244	30
	P_{Af}	25	41	25	32	30	36	41	—		
P_{max} = 310											

P_{INf} [bar] = Pressione ingresso-impianto idraulico/Input pression – hydraulic plant/Eingangsdruck Hydraulische Anlage
P_{Af} [bar] = Pressione apertura freno/Brake release pressure/Bremsöffnungsdruck
P_c [bar] = Contropressione nell'impianto idraulico/Backpressure *in hydraulic plant* / Gegendruck in der hydraulischen Anlage
P_{max} [bar] = Pressione max./max. pressure/Höchstdruck
T_{RF} [Nm] = Coppia media Statica/ Medium static torque/ Mittleres Stützmoment

1 - Molle / Springs / Federn
2 - Dischi a Lamelle / Mutidisc / Lamellen
3 - Albero ingresso / Input Shaft - Antrienwelle
4 - Carcassa Freno -Casing Brake Bremsegehäuse
5 - Attacco Comando Freno / Brake releasing Plug / Anschluss zum Loesen der Bremse
6 - Tappo Carico e Sfiato Olio / Breather and filling plug / Oelablass-und Entlueftungsschraube nungsdruck

1.0 - Campo applicazione
Il freno è da impiegare solo come freno di stazionamento e non per effettuare frenature dinamiche.

2.0 - Principio funzionamento freno
Il funzionamento del freno è di tipo negativo con le seguenti modalità operative:
2.1 - Condizione 1 - Pressione P_{INf} = 0
Le molle (particolare 1) esercitano una spinta sulle coppie di dischi a lamelle (componente 2). Alcuni dischi sono solidali con elemento mobile (componente 3) e dischi solidali con elemento fisso (componente 4).
In questa condizione operativa si genera sul manicotto riduttore (componente 3) una coppia T_{RF} con livello di accuratezza del valore di ±10% (Z1-Z2) e ±18% Z0.
2.2 - Condizione 2 - Pressione $P_{INf} = P_{Af}$
Qualora attraverso l'attacco comando freno (componente 5), si immetta una pressione P_{INf} uguale alla pressione di apertura P_{Af} il valore della coppia resistente T_{RF} è uguale a zero consentendo la libera rotazione del manicotto del riduttore.
2.3 - Condizione 3 - Contropressione presente nell'impianto idraulico $P_c \neq 0$.
Tali prestazioni (T_{RF}) sono sempre calcolate con contropressione uguale a zero.In caso contrario la coppia frenante è percentualmente ridotta nel rapporto contropressione/Pressione apertura freno.

Ricordiamo che alte velocità di rotazione, oppure prolungati funzionamenti con asse verticale, possono generare elevati aumenti di temperatura: in questi casi consultare il Servizio Tecnico Commerciale STM.

1.0 - Application field
The brake can be used only as stationary brake.It is not possible to utilize the brake for damic use.

2.0 - How it works
The brake works as a negative brake, with the following modalities:
2.1 - option – P_{INf} = 0
The coil springs (see item 1) are pressing together on rotating discs.
some disks are running together with mobile elements (see item 3) and some other disks are fixed (see item 4)
In this working condition there is a resistant torque in the sleeve coupling of the gearbox (see item 3); the value of torque is T_{RF} ±10%.

2.2 - option - Pressure $P_{INf} = P_{Af}$
When from the motor brake connection (item 5) you introduce a pressure PINf equal or same opening pressure PAf, the resistant torque value TRF is equal to Zero, in letting free the input pressure, from the Hydraulic plan.

2.3 - option - Backpressure *in hydraulic plant* $P_c \neq 0$
These performances (T_{RF}) are always calculated without back pressure.Othrwise the braking torque is reduced as a pecentage of the ratio back pressure/Brake release pressure.

We remind you that high rotation speed, or extendent running with vertical axis, can generate considerable temperature increases: in such cases please apply STM technical sfatt for advice.

1.0 - Anwendungsgebiet
Die Bremsen können nur als Feststellbremsen benutzten und dienen nicht zum dynamischen Abbremsen.

2.0 - Funktionsbeschreibung der Bremse
Die Bremsen haben eine „negative“ Funktion bei den folgenden Betriebsarten:

2.1 - Punkt 2.1 - Druck P_{INf} = 0
Die Bremsen wirken unter dem Druck einer Reihe von Federn (Element 1) auf abwechselnd fixe (Element 4) und bewegliche (Element 3) Scheibenpaare (Element 2).
Der Betrieb in diesem Zustand erzeugt einen Drehmomentwiderstand an der Getriebemuffe (Element 3) mit einem Drehmoment T_{RF} bei einer Genauigkeitsmarge von ± 10 %.
2.2 - Punkt - $P_{INf} = P_{Af}$
Für den Fall, dass man eine Bremsbetätigung (Bestandteil 5) mit einem Druck P_{INf} eingibt die genau dem Öffnungsdruck P_{Af} entspricht,
ist der Wert des Wiederstandsmomentes T_{RF} gleich null und ermöglicht dadurch die freie Rotation der Getriebebuchse.
2.3 - Punkt - Gegendruck in der hydraulischen Anlage $P_c \neq 0$.
Diese Leistungen (T_{RF}) werden mit einem Gegendruck von 0 berechnet.Anderenfalls wird da Bremsmoment prozentual im Verhältnis Gegendruck/Bremsöffnungsdruck reduziert.

Hohe Drehzahlen oder lange Betriebszeiten mit vertikaler Achse können zu starken Temperaturerhöhungen führen: In diesem Fall wenden Sie sich bitte an den technischen Kundendienst der STM.

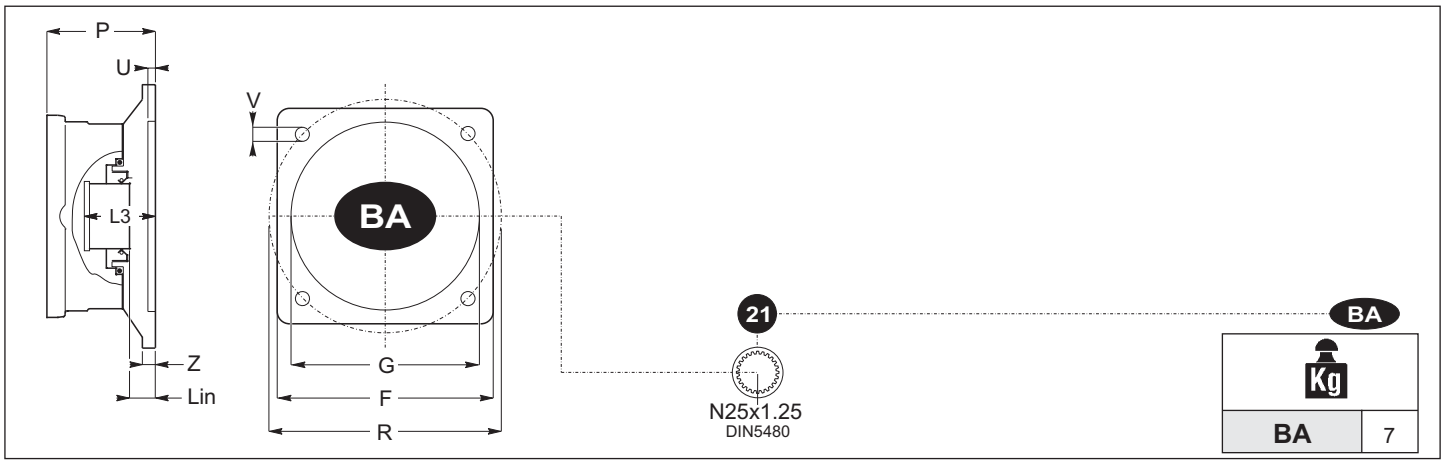
Z.	EX 101⇒ 1001	EX 102⇒ 3502 / EXB 102⇒ 1002	EX 103⇒ 12003 / EXB 103⇒ 3503	EX-EXB 104⇒ 12004
10	101*	102*	103*	104*
20	201	202*	203*	204*
25	251	252*	253*	254*
30	301	302*	303*	304*
40		402*	403*	404*
50	501	502	503*	504*
70	701	702	703*	704*
80	801	802	803*	804*
90		902	903*	904*
100	1001	1002	1003	1004*
150		1502	1503	1504*
180		1802	1803	1804*
200		2002	2003	2004*
250		2502	2503	2504*
280		2802	2803	2804
300		3002	3003	3004
350		3502	3503	3504
420			4203	4204
650			6503	6504
850			8503	8504
1200			12003	12004

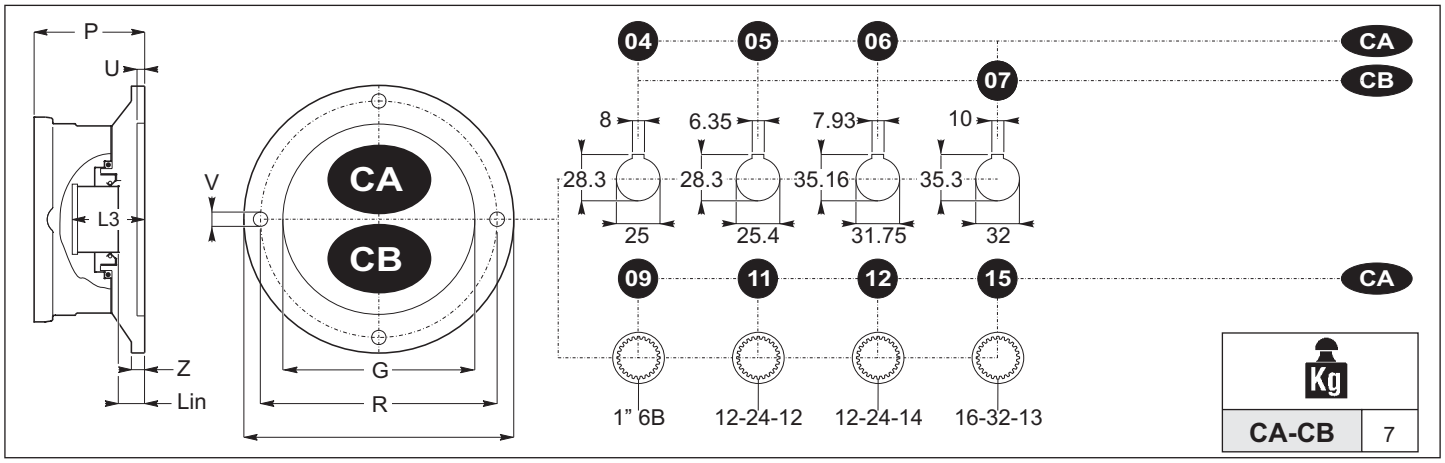
*** - Z0.1 - only with these sizes**

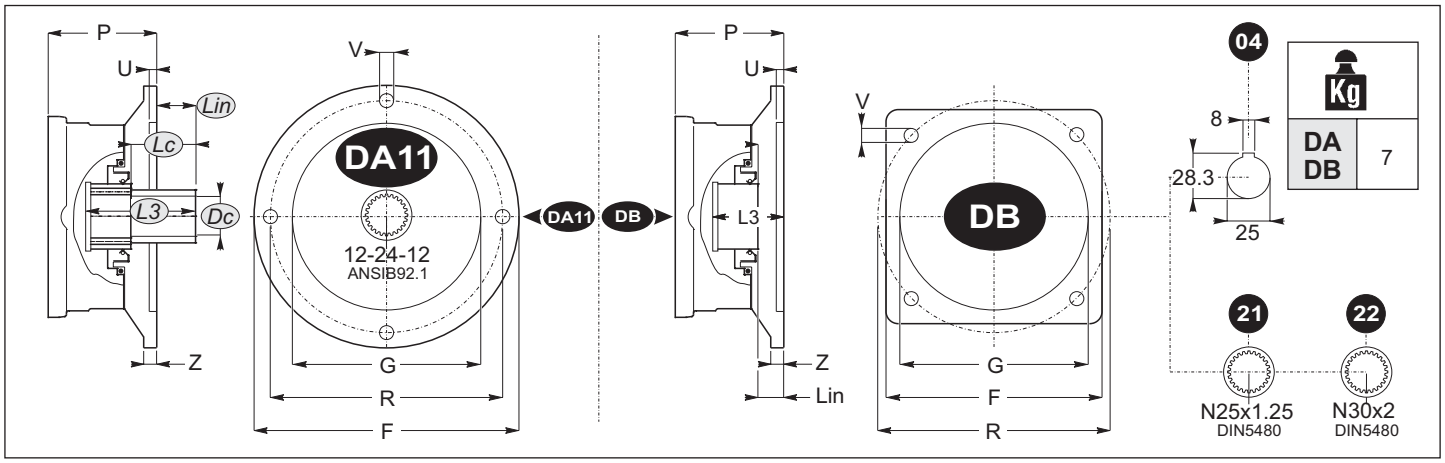
	F	R	G	U	V	Z	L_{IN}	L3	b	t	P
Z0											Z0.1 / Z0.1 / Z0.1 / Z0.1
CA 04											131 / 131 / 131 / 131
CA 05											131 / 131 / 131 / 131
CA 09											131 / 131 / 131 / 131
Z1											Z1.1 Z1.2 / Z1.1 Z1.2 / Z1.1 Z1.2 / Z1.1 Z1.2
CA 04											166 174 / 166 174 / 166 174 / 166 174
CA 09											166 174 / 166 174 / 166 174 / 166 174
CB 07											178 186 / 178 186 / 178 186 / 178 186
DA 11											160 168 / 160 168 / 160 168 / 160 168
DB 22											180 188 / 180 188 / 180 188 / 180 188
FA 13											186 194 / 186 194 / 186 194 / 186 194
FA 22											186 194 / 186 194 / 186 194 / 186 194
FA 23											186 194 / 186 194 / 186 194 / 186 194
FA 24											186 194 / 186 194 / 186 194 / 186 194
FA 28											186 194 / 186 194 / 186 194 / 186 194
FB 08											226 234 / 226 234 / 226 234 / 226 234
PA 29											168 176 / 168 176 / 168 176 / 168 176
Z2											Z2.2 Z2.3 / Z2.2 Z2.3 / Z2.2 Z2.3 / Z2.2
FA13											248 237 / 248 237 / 248 237 / 248
FA24											248 237 / 248 237 / 248 237 / 248
HB24											257 246 / 257 246 / 257 246 / 257
KB24											265 254 / 265 254 / 265 254 / 265
LA25											264 253 / 264 253 / 264 253 / 264
OA31											244 233 / 244 233 / 244 233 / 244

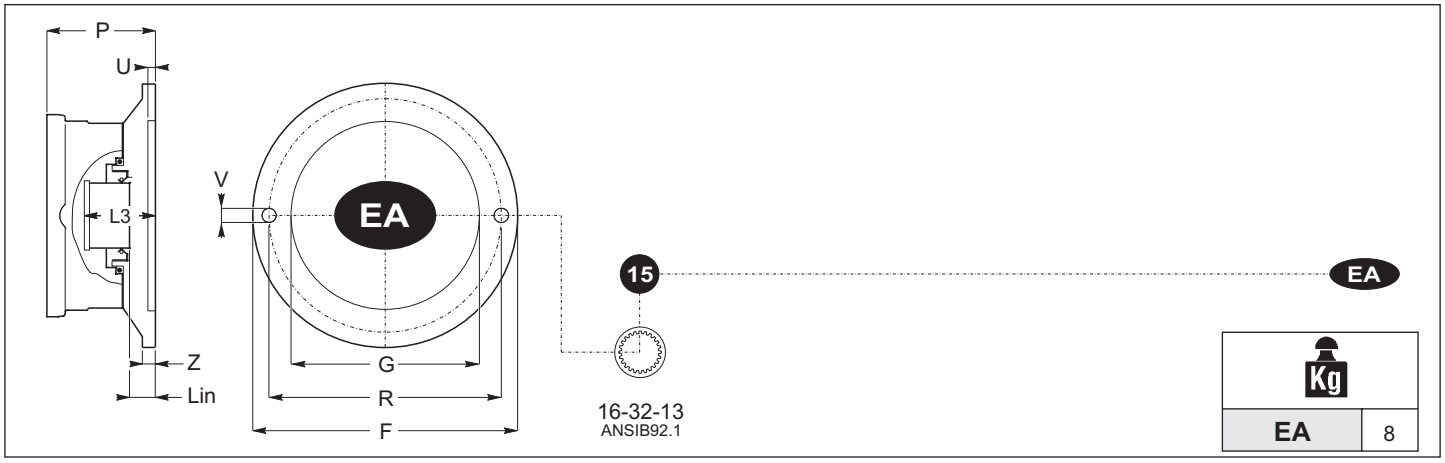
LOOK D8-D10-D12-D14

4.0 BA - CA - CB - DA - DB - EA *4.0 BA - CA - CB - DA - DB - EA* **4.0 BA - CA - CB - DA - DB - EA**









4.0 CA - CB - DA - DB - EA *4.0 CA - CB - DA - DB - EA* **4.0 CA - CB - DA - DB - EA**

BA CA CB DA DB EA

	EX1				EX2	EXB2			EX3	EXB3			EX4	EXB4		
	EX 101⇒ 1001				EX 102⇒3502 / EXB 102⇒ 1002				EX 103⇒12003 / EXB 103⇒ 3503				EX-EXB 104⇒12004			
10	101				102				103				104			
20	201				202				203				204			
25	251				252				253				254			
30		301			302				303				304			
40					402				403				404			
50		501			502				503				504			
70		701			702				703				704			
80			801			802			803				804			
90						902			903				904			
100			1001			1002			1003				1004			
150						1502			1503				1504			
180						1802			1803				1804			
200						2002			2003				2004			
250							2502			2503			2504			
280							2802			2803			2804			
300							3002			3003			3004			
350							3502			3503			3504			
420										4203			4204			
650											6503			6504		
850											8503			8504		
1200											12003			12004		

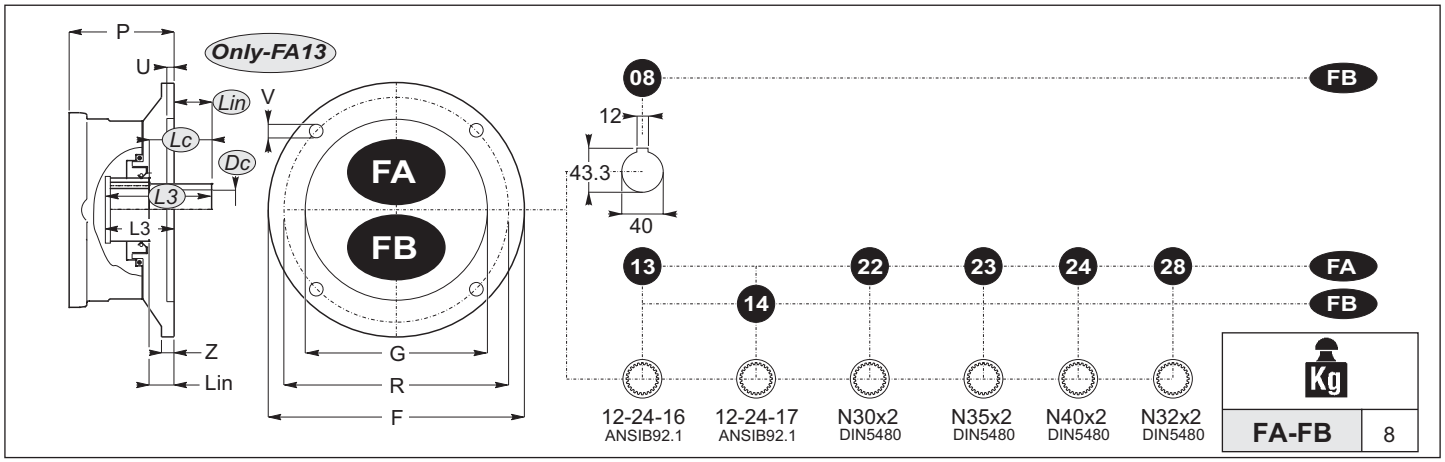
	F	R	G	U	V	Z	D_C	L_C	L_{IN}	L3	b	t	P															
		+/- 0,1	F8				+/- 0,5				H7	+0,2																
BA 21	95	100	80	8	M8	16			22.5	58			93	101	109		93	101	109		93	101	109		93	101			
CA 04	130	106,4	82,6	10	M12	17			15.5	58	8	28,3	93	101	109		93	101	109		93	101	109		93	101			
CA 05	130	106,4	82,6	10	M12	17			15.5	58	6,35	28,3	93	101	109		93	101	109		93	101	109		93	101			
CA 06	130	106,4	82,6	10	M12	17			13	58	7,93	35,16	93	101	109		93	101	109		93	101	109		93	101			
CA 09	130	106,4	82,6	10	M12	17	-		20.5	58			93	101	109		93	101	109		93	101	109		93	101			
CA 11	130	106,4	82,6	10	M12	17			13	56			93	101	109		93	101	109		93	101	109		93	101			
CA 12	130	106,4	82,6	10	M12	17			13	56			93	101	109		93	101	109		93	101	109		93	101			
CA 15	130	106,4	82,6	10	M12	17			13	58			93	101	109		93	101	109		93	101	109		93	101			
CB 07	130	106,4	82,6	22	M12	29			17.5	74	10	35,3	105	113	121		105	113	121		105	113	121		105	113			
DB 04	118	125	100	10	M10	30	-		29	73	8	28,3	107	115	123		107	115	123		117	115	123		107	115			
DA 11	145	125	100	8	M10	11	29	32	25	52			87	95	103		87	95	103		87	95	103		87	95			
DB 21	118	125	100	10	M10	30	-		36	73			107	115	123		107	115	123		117	115	123		107	115			
DB 22	118	125	100	10	M10	30			27	68			107	115	123		107	115	123		117	115	123		107	115			
EA 15	170	146	101,6	10	M14	23	-		10	56			90,0	98	106		90	98	106		90	98	106		90	98			

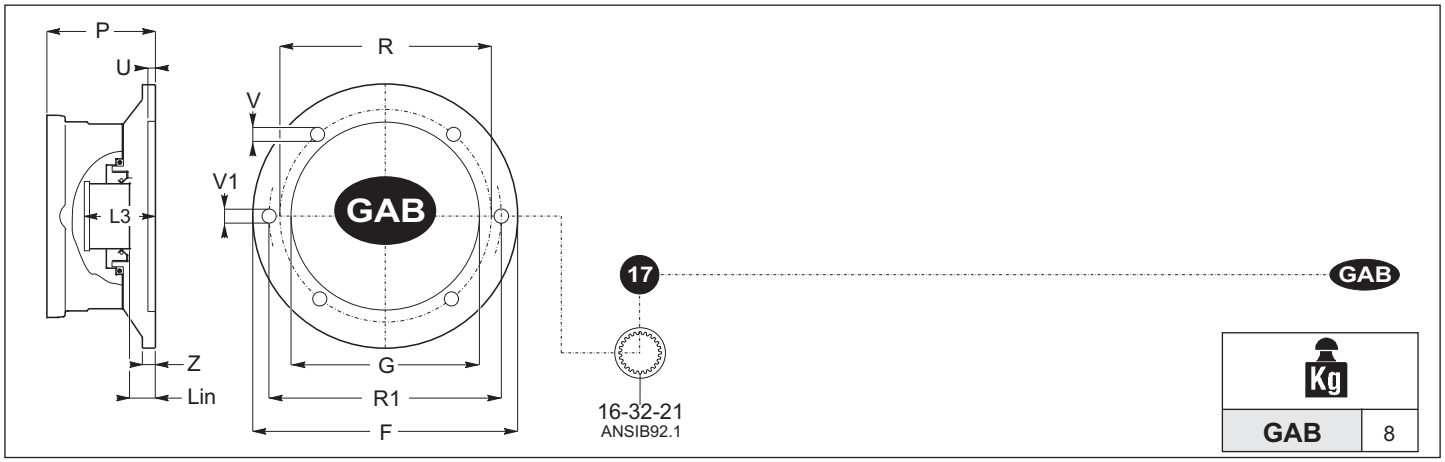
D

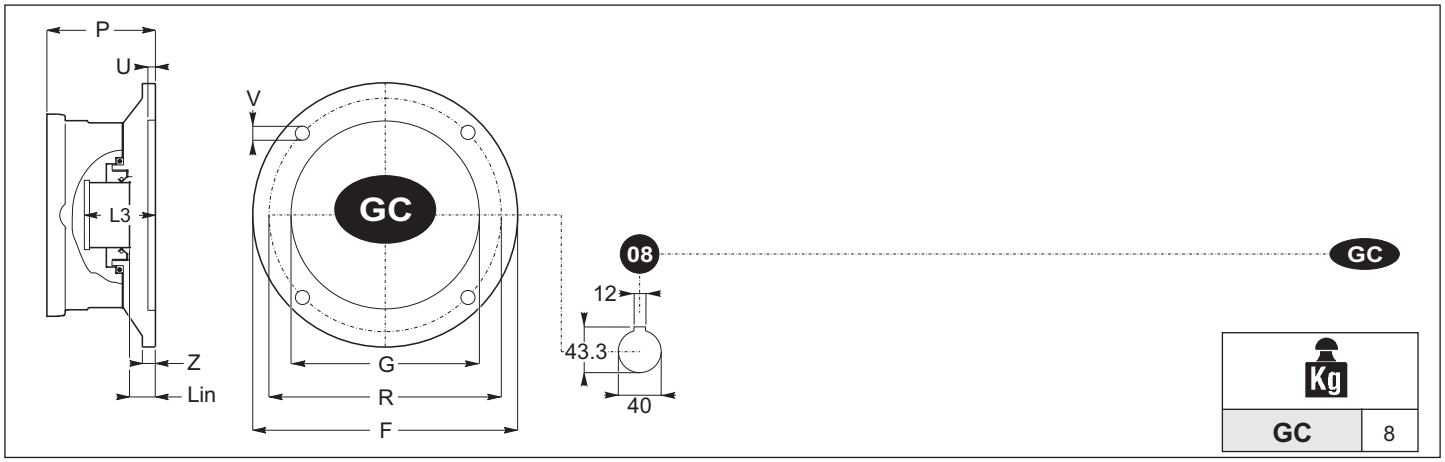
4.0 FA-FB-GAB-GC-HA-HB

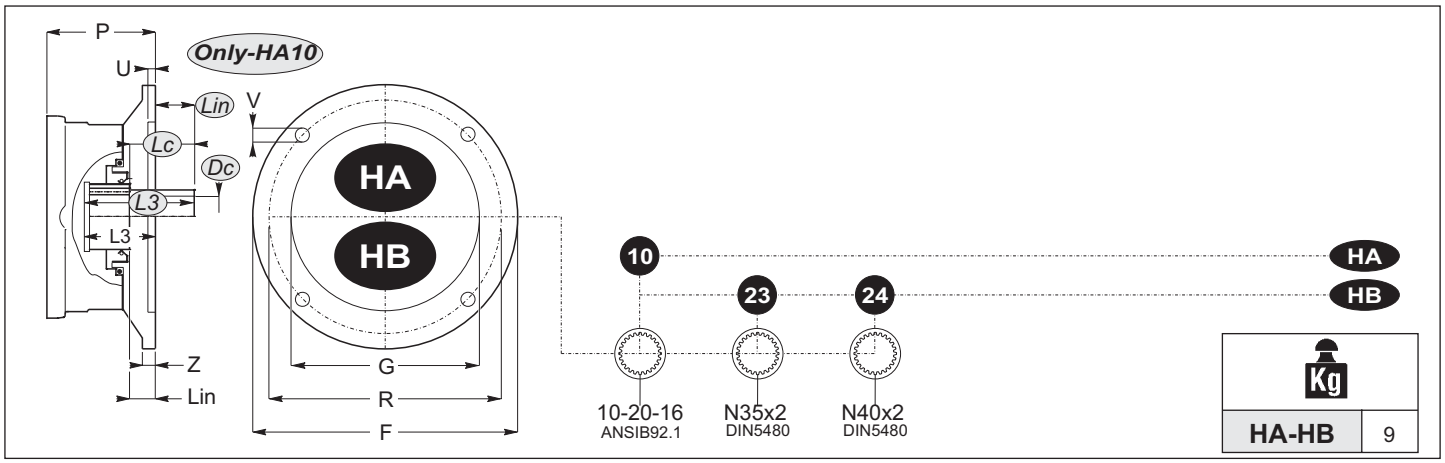
4.0 FA-FB-GAB-GC-HA-HB

4.0 FA-FB-GAB-GC-HA-HB









4.0 FA-FB-GAB-GC-HA-HB

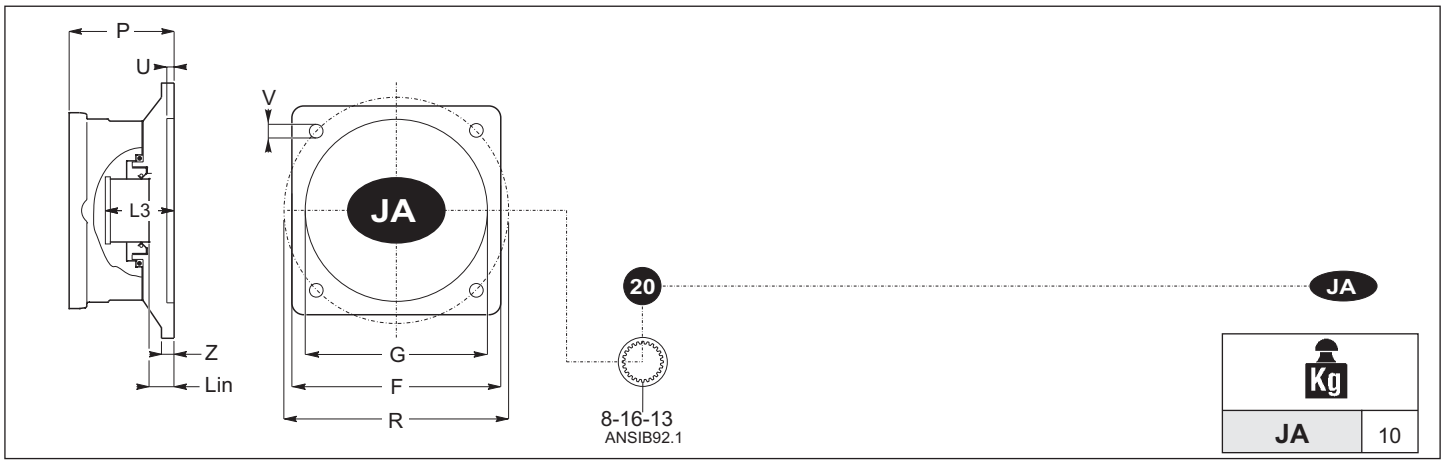
4.0 FA-FB-GAB-GC-HA-HB

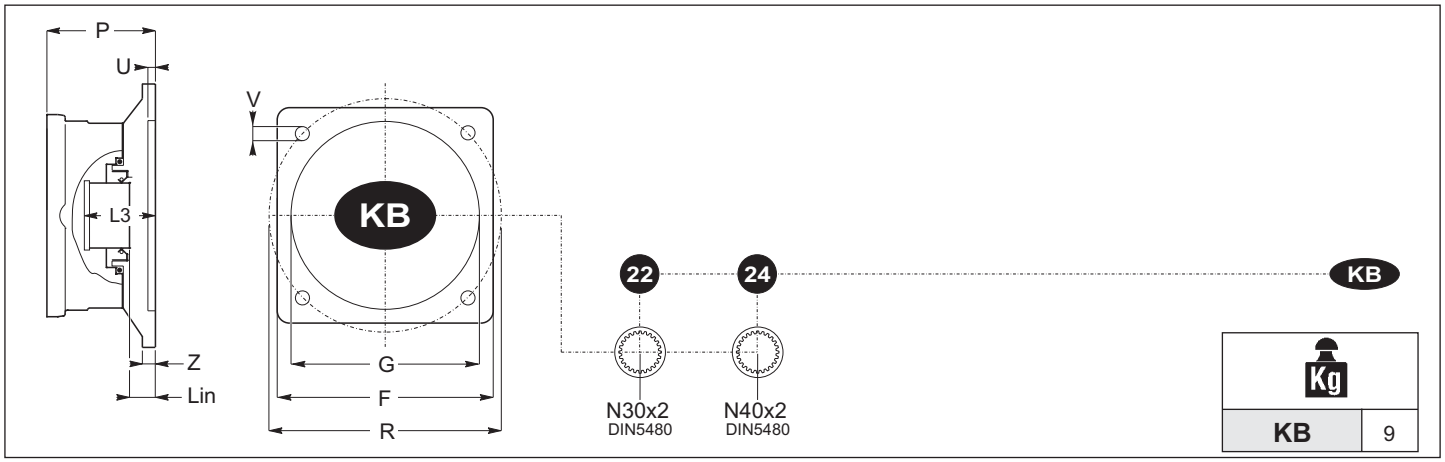
4.0 FA-FB-GAB-GC-HA-HB

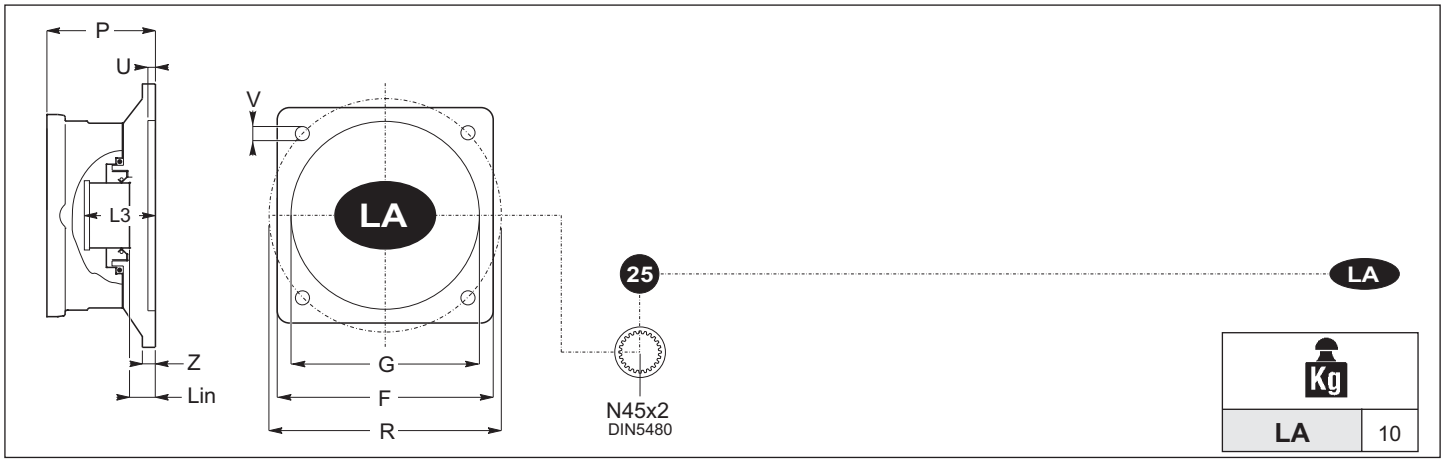
FB FA GAB GC HA HB	EX1				EX2	EXB2			EX3	EXB3			EX4	EXB4		
	EX 101⇒1001				EX 102⇒3502 / EXB 102⇒1002				EX 103⇒12003 / EXB 103⇒3503				EX-EXB 104⇒12004			
10	101				102				103				104			
20	201				202				203				204			
25	251				252				253				254			
30		301			302				303				304			
40					402				403				404			
50		501			502				503				504			
70		701			702				703				704			
80			801			802			803				804			
90						902			903				904			
100			1001			1002			1003				1004			
150						1502			1503				1504			
180						1802			1803				1804			
200						2002			2003				2004			
250							2502			2503			2504			
280							2802			2803			2804			
300							3002			3003			3004			
350							3502			3503			3504			
420										4203			4204			
650											6503			6504		
850											8503			8504		
1200											12003			12004		

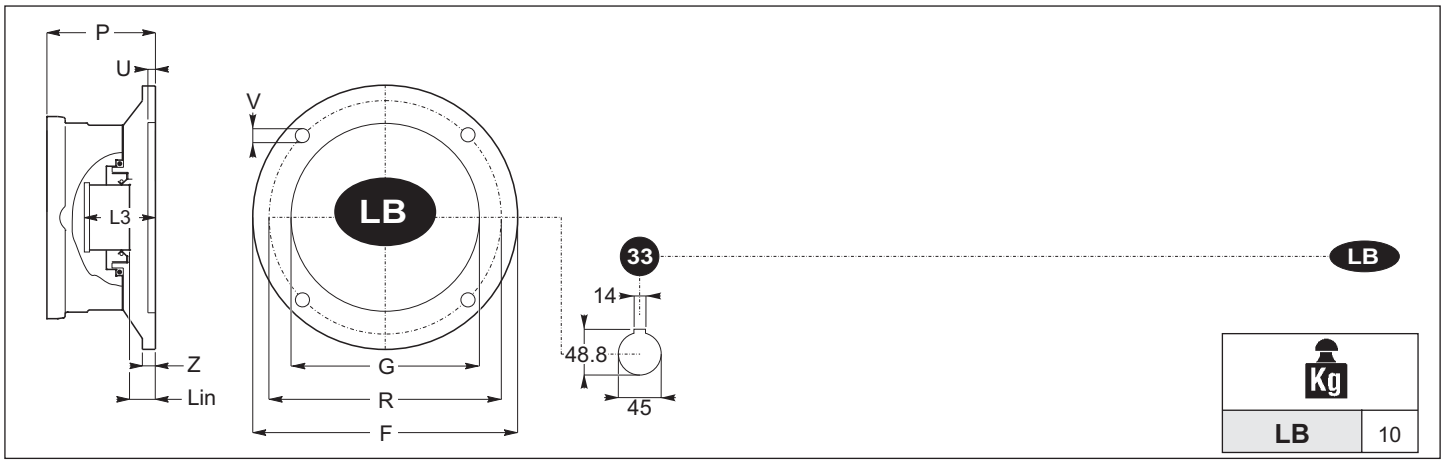
	F	R	R1	G	U	V	V1	Z	D_C	L_C	L_{IN}	L3	b	t	P													
		+/- 0,1		F8									H7	+0,2														
FA 13	182	160	-	125	35	M12	-	46	39	44	25	69	-	-	113	121	129	113	121	129	113	121	129	113	121			
FA 22	182	160	-	125	35	M12	-	46			34	79	-	-	113	121	129	113	121	129	113	121	129	113	121			
FA 23	182	160	-	125	35	M12	-	46			33	74	-	-	113	121	129	113	121	129	113	121	129	113	121			
FA 24	182	160	-	125	35	M12	-	46			33	74	-	-	113	121	129	113	121	129	113	121	129	113	121			
FA 28	182	160	-	125	35	M12	-	46	-		33	74	-	-	113	121	129	113	121	129	113	121	129	113	121			
FB 08	182	160	-	125	10	M12	-	86			35	118	12	43,3	153	161	169	153	161	169	153	161	169	153	161			
FB 14	182	160	-	125	10	M12	-	86			60	118	-	-	153	161	169	153	161	169	153	161	169	153	161			
GAB 17	200	162	181	127	20	M14	M16	30	-		21	62	-	-	101	109	117	101	109	117	101	109	117	101	109			
GC 08	200	162	-	127	10	M12	-	86			35	118	12	43,3	153	161	169	153	161	169	153	161	169	153	161			
HA 10	207	180	-	140	10	M12	-	29	46	44	23	76	-	-	101	109	117	101	109	117	101	109	117	101	109			
HB 23	207	180	-	140	12	M12	-	50	-		42	82	-	-	122	130	138	122	130	138	122	130	138	122	130			
HB 24	207	180	-	140	12	M12	-	50			42	82	-	-	122	130	138	122	130	138	122	130	138	122	130			

4.0 JA-KB-LA-LB *4.0 JA-KB-LA-LB* 4.0 JA-KB-LA-LB









4.0 JA-KB-LA-LB

4.0 JA-KB-LA-LB

4.0 JA-KB-LA-LB

JA KB LA LB	EX1				EX2 EXB2				EX3 EXB3				EX4 EXB4			
	EX 101⇒1001				EX 102⇒3502 / EXB 102⇒1002				EX 103⇒12003 / EXB 103⇒3503				EX-EXB 104⇒12004			
10	101				102				103				104			
20	201				202				203				204			
25	251				252				253				254			
30		301			302				303				304			
40					402				403				404			
50		501			502				503				504			
70		701			702				703				704			
80			801			802			803				804			
90						902			903				904			
100			1001			1002			1003				1004			
150						1502			1503				1504			
180						1802			1803				1804			
200						2002			2003				2004			
250							2502			2503			2504			
280							2802			2803			2804			
300							3002			3003			3004			
350							3502			3503			3504			
420										4203			4204			
650											6503			6504		
850											8503			8504		
1200											12003			12004		

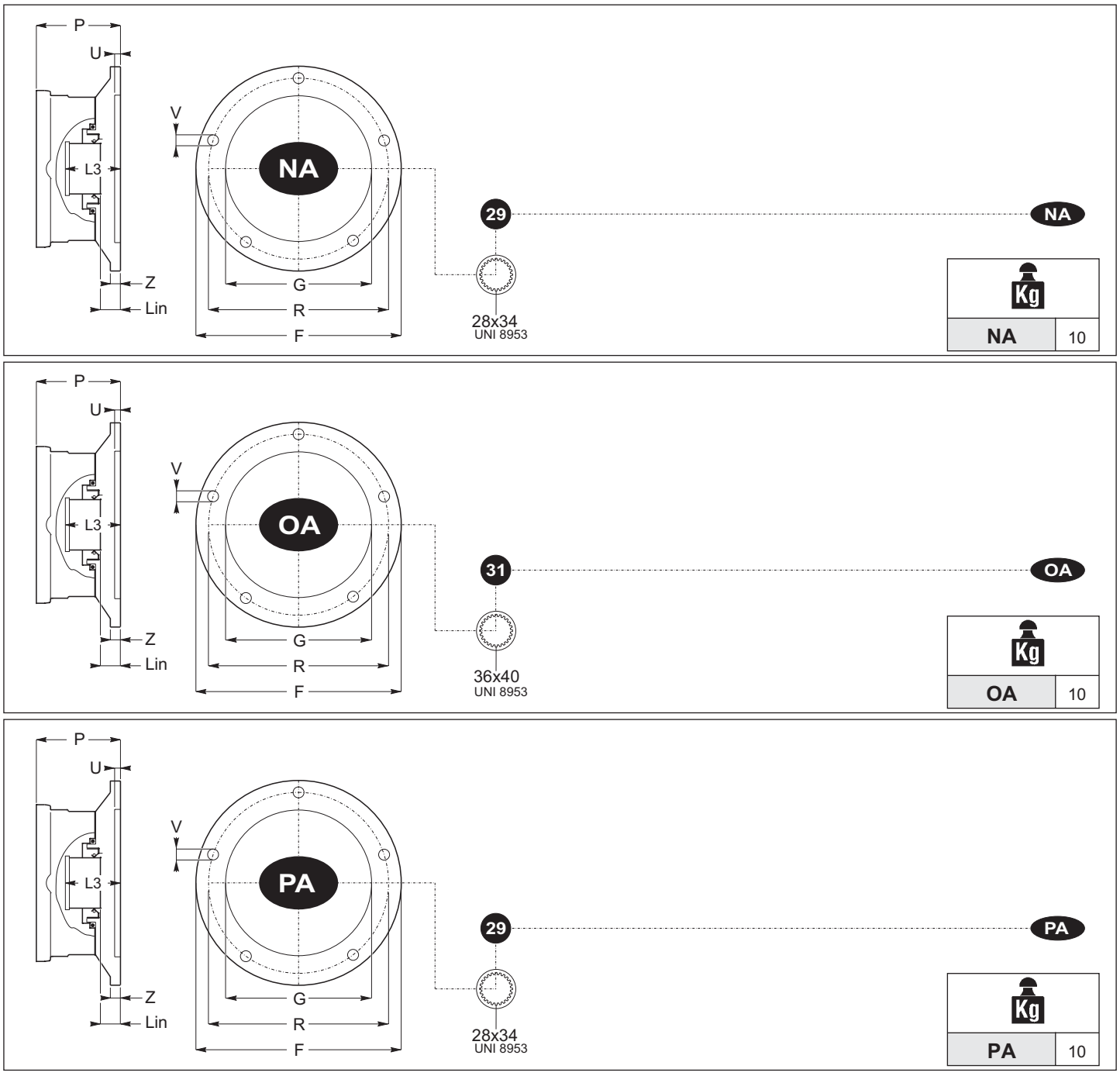
		F	R	G	U	V	Z	L_{IN}	L3	b	t	P																
			+/-0,1	F8						H7	+0,2																	
JA 20		197	228.6	152.4	15	ø 21	30	30.5	80			117	125	133		117	125	133		117	125	133		117	125			
KB 22		180	200	160	10	M16	30	50	93			130	138	146		130	138	146		130	138	146		130	138			
KB 24		180	200	160	10	M16	30	50	93			130	138	146		130	138	146		130	138	146		130	138			
LA 25		210	224	180	12	M16	18	45	97			129	137	145		129	137	145		129	137	145		129	137			
LB 33		265	224	180	20	M16	10	43.5	135.5	14	48.8	172.5	180.5	188.5		172.5	180.5	188.5		172.5	180.5	188.5		172.5	180.5			

D

4.0 NA-OA-PA

4.0 NA-OA-PA

4.0 NA-OA-PA



NA OA PA	EX1	EX2 EXB2	EX3 EXB3	EX4 EXB4
	EX 101⇒1001	EX 102⇒3502 EXB 102⇒1002	EX 103⇒12003 EXB 103⇒3503	EX-EXB 104⇒12004
10	101	102	103	104
20	201	202	203	204
25	251	252	253	254
30	301	302	303	304
40		402	403	404
50	501	502	503	504
70	701	702	703	704
80	801	802	803	804
90		902	903	904
100	1001	1002	1003	1004
150		1502	1503	1504
180		1802	1803	1804
200		2002	2003	2004
250		2502	2503	2504
280		2802	2803	2804
300		3002	3003	3004
350		3502	3503	3504
420			4203	4204
650			6503	6504
850			8503	8504
1200			12003	12004

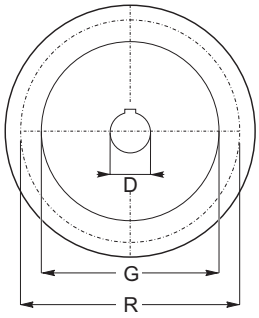
		F	R	G	U	V	Z	L_{IN}	L3	b	t	P														
			+/-0,1	F8						H7	+0,2															
NA 29		195	160	125	12	M10	43	37	76			110	118	126		110	118	126		110	118	126		110	118	
OA 31		288	250	150	7	ø 14	15	27	77			109	117	125		109	117	125		109	117	125		109	117	
PA 29		233	210	175	6	ø 14	16	22	62			95	103	111		95	103	111		95	103	111		95	103	

4.0 Motor Type / Code STM

4.0 Motor Type / Code STM

4.0 Motor Type / Code STM

Hydraulic Motor



Input Gearbox

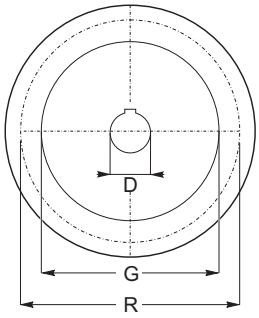
Company	Motor Type	D	G	R	Code STM
AXIAL PUMP	M2 24-50	16/32-13	101.6	146	EA15
AXIAL PUMP	M3 40-65	16/32-13	101.6	146	EA15
DANFOSS	OMP 25-400	25	82.55	106.4	CA4
DANFOSS	OMR 50-375	25	82.55	106.4	CA4
DANFOSS	OMP 25-400	25.4	82.55	106.4	CA5
DANFOSS	OMR 50-375	25.4	82.55	106.4	CA5
DANFOSS	OMP 25-400	32	82.55	106.4	CB7
DANFOSS	OMR 50-375	32	82.55	106.4	CB7
DANFOSS	OMH 200-500	32	82.55	106.4	CB7
DANFOSS	OMS 80-400	32	82.55	106.4	CB7
DANFOSS	OMT 160-500	40	125	160	FB8
DANFOSS	OMP 25-400	1"6B	82.55	106.4	CA9
DANFOSS	OMR 50-375	1"6B	82.55	106.4	CA9
DANFOSS	OMSS 80-400	12/24-12	100	125	DA11
DANFOSS	OMTS 160-500	12/24-16	125	160	FA13
DANFOSS	OMT 160-500	12/24-17	125	160	FB14
DANFOSS	OMVS 315-800	10/20-16	140	180	HA10
DINAMIC OIL	MGL 50-400	25	82.55	106.4	CA4
DINAMIC OIL	MGLR 50-375	25	82.55	106.4	CA4
DINAMIC OIL	MGT 50-400	25	82.55	106.4	CA4
DINAMIC OIL	MGL 50-401	25.4	82.55	106.4	CA5
DINAMIC OIL	MGLR 50-375	25.4	82.55	106.4	CA5
DINAMIC OIL	MGT 50-400	25.4	82.55	106.4	CA5
DINAMIC OIL	MGL 50-402	1"6B	82.55	106.4	CA9
DINAMIC OIL	MGLR 50-375	1"6B	82.55	106.4	CA9
DINAMIC OIL	MGT 50-400	1"6B	82.55	106.4	CA9
EATON(CHAR-LYNN)	SERIE 2000	25	82.55	106.4	CA4
EATON(CHAR-LYNN)	SERIE 2000	25.4	82.55	106.4	CA5
EATON(CHAR-LYNN)	SERIE 2000	31.75	82.55	106.4	CA6
EATON(CHAR-LYNN)	SERIE 2000	32	82.55	106.4	CB7
EATON(CHAR-LYNN)	SERIE 2000	1"6B	82.55	106.4	CA9
GEOLINK	GHL 50-400	25	82.55	106.4	CA4
GEOLINK	GFS 50-400	25	82.55	106.4	CA4
GEOLINK	GKS 50-400	25	82.55	106.4	CA4
GEOLINK	GLS 80-315	32	82.55	106.4	CB7
GEOLINK	GHL 50-400	1"6B	82.55	106.4	CA9
GEOLINK	GFS 50-400	1"6B	82.55	106.4	CA9
GEOLINK	GKS 50-400	1"6B	82.55	106.4	CA9
HP HYDRAULIC	M4MF 21-28	25.4	82.55	106.4	CA5
HP HYDRAULIC	M4MF 21-28	16/32-13	82.55	106.4	CA15
HP HYDRAULIC	M4PV 21-28	16/32-13	101.6	146	EA15
HP HYDRAULIC	M4PV 34-65	16/32-13	101.6	146	EA15
HP HYDRAULIC	M4MF 34-65	16/32-13	101.6	146	EA15
HP HYDRAULIC	M4MV 34-65	16/32-13	101.6	146	EA15
LINDE	HMF 50-75	16/32-21	127	181	GB17
M + S	EPM 40-630	25	82.55	106.4	CA4
M + S	EPRM 50-400	25	82.55	106.4	CA4
M + S	EPM 40-630	25.4	82.55	106.4	CA5
M + S	EPRM 50-400	25.4	82.55	106.4	CA5
M + S	EPM 40-630	32	82.55	106.4	CB7
M + S	EPRM 50-400	32	82.55	106.4	CB7
M + S	EPRM 80-400	32	82.55	106.4	CB7
M + S	EPM 40-630	1"6B	82.55	106.4	CA9
M + S	EPRM 50-400	1"6B	82.55	106.4	CA9
M + S	EPMT 160-500	12/24-17	125	160	FB14
REXROTH	A2FM 23-32	25	100	125	DB4
REXROTH	A4FM 22-28	16/32-13	101.6	146	EA15
REXROTH	A10FM 23-28	16/32-13	101.6	146	EA15
REXROTH	A2FM 10-16	W25x1,25	80	100	BA21
REXROTH	A2FM 23-32	W25x1,25	100	125	DB21
REXROTH	A6VM 28	W25x1,25	100	125	DB21
REXROTH	A2FM 23-32	W30x2	100	125	DB22
REXROTH	A6VM 28	W30x2	100	125	DB22
REXROTH	A2FM 45-63	W30x2	125	160	FA22
REXROTH	A6VM 55	W30x2	125	160	FA22
REXROTH	A2FM 45-63	W35x2	125	160	FA23
REXROTH	A6VM 55	W35x2	125	160	FA23

4.0 Motor Type / Code STM

4.0 Motor Type / Code STM

4.0 Motor Type / Code STM

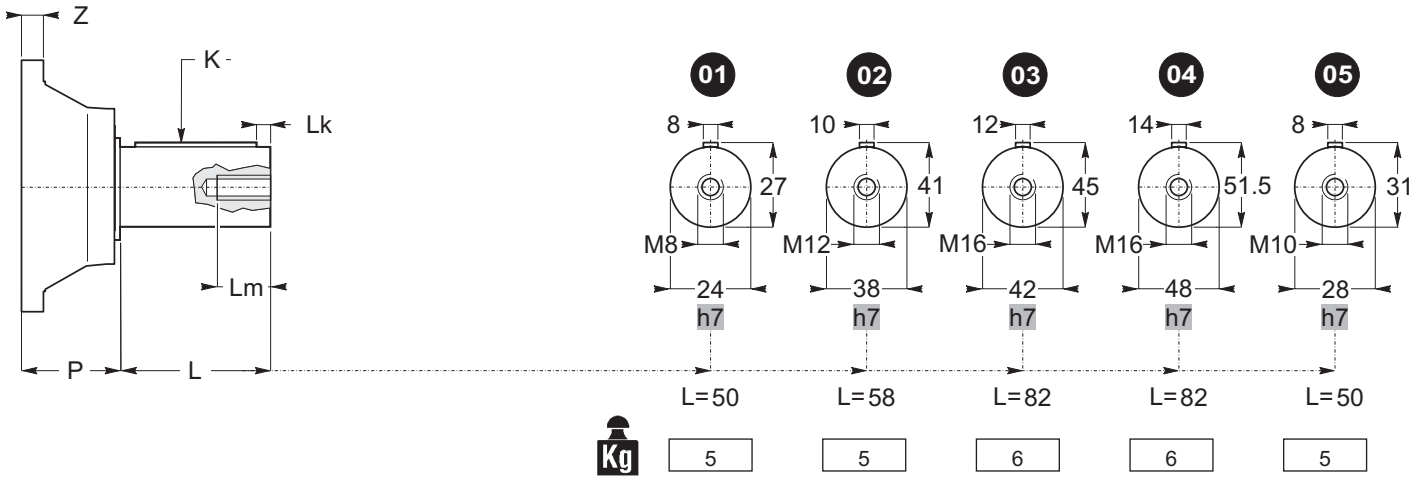
Hydraulic Motor



Input Gearbox

Company	Motor Type	D	G	R	Code STM
REXROTH	A2FM 80-90	W35x2	140	180	HB23
REXROTH	A6VM 80	W35x2	140	180	HB23
REXROTH	A2FM 80-90	W40x2	140	180	HB24
REXROTH	A6VM 80	W40x2	140	180	HB24
REXROTH	A6VM 160	W45x2	180	224	LA25
SAE STANDARD	SAE A	25	82.55	106.4	CA4
SAE STANDARD	SAE A	25.4	82.55	106.4	CA5
SAE STANDARD	SAE A	31.75	82.55	106.4	CA6
SAE STANDARD	SAE A	1"6B	82.55	106.4	CA9
SAI	GM05-40-200	28x34	125	160	NA29
SAI	GM2-200-630	36x40	150	250	OA31
SAI	GM1-100-320	28x34	175	210	PA29
SAMHYDRAULIK	BG 40-400	25	82.55	106.4	CA4
SAMHYDRAULIK	AGC 50-400	25	82.55	106.4	CA4
SAMHYDRAULIK	AGF 50-400	25	82.55	106.4	CA4
SAMHYDRAULIK	AR 50-400	25	82.55	106.4	CA4
SAMHYDRAULIK	ARC 50-400	25	82.55	106.4	CA4
SAMHYDRAULIK	ARF 50-400	25	82.55	106.4	CA4
SAMHYDRAULIK	BR 50-400	25	82.55	106.4	CA4
SAMHYDRAULIK	BG 40-401	25.4	82.55	106.4	CA5
SAMHYDRAULIK	AGC 50-401	25.4	82.55	106.4	CA5
SAMHYDRAULIK	AR 50-401	25.4	82.55	106.4	CA5
SAMHYDRAULIK	ARC 50-401	25.4	82.55	106.4	CA5
SAMHYDRAULIK	BR 50-401	25.4	82.55	106.4	CA5
SAMHYDRAULIK	BR 50-402	31.75	82.55	106.4	CA6
SAMHYDRAULIK	AGC 50-402	32	82.55	106.4	CB7
SAMHYDRAULIK	AGS 50-402	32	82.55	106.4	CB7
SAMHYDRAULIK	ARC 50-402	32	82.55	106.4	CB7
SAMHYDRAULIK	BR 50-403	32	82.55	106.4	CB7
SAMHYDRAULIK	HPR 80-401	32	82.55	106.4	CB7
SAMHYDRAULIK	BG 40-402	1"6B	82.55	106.4	CA9
SAMHYDRAULIK	AR 50-402	1"6B	82.55	106.4	CA9
SAMHYDRAULIK	BR 50-404	1"6B	82.55	106.4	CA9
SAMHYDRAULIK	H1C 75	W35x2	140	180	HB23
SAMHYDRAULIK	H1C 90	W40x2	160	200	KB24
SAMHYDRAULIK	H1C 160 M	W45x2	180	224	LA25
SAMHYDRAULIK	H2V 160 M	W45x2	180	224	LA25
SAMHYDRAULIK	H1C 160 M	45	180	224	LB33
SAUER	M25MF	16/32-13	101.6	146	EA15
SAUER	M35MF	16/32-13	101.6	146	EA15
SAUER	M44MF	16/32-13	101.6	146	EA15
SAUER	M46MF	16/32-13	101.6	146	EA15
SAUER	90M 030	16/32-13	101.6	146	EA15
SAUER	90M 042	16/32-13	101.6	146	EA15
SAUER	51V 160/A	8/16-13	152.4	228.5	JA20
SAUER	OMT 160-500	40	127	162	GC8
VOAC	0	16/32-13	101.6	146	EA15
VOAC	F12-30 ISO	W30x2	100	125	DB22
VOAC	F12-60 ISO	W35x2	125	160	FA23
VOAC	F12-80 ISO	W40x2	140	180	HB24
VOAC	V14-160	W45x2	180	224	LA25
VOAC	F 12/40 ISO	W32x2	125	160	FA28
WHITE	RS-03-24	25	82.55	106.4	CA4
WHITE	HB-03-24	25	82.55	106.4	CA4
WHITE	RS-03-24	25.4	82.55	106.4	CA5
WHITE	HB-03-24	25.4	82.55	106.4	CA5
WHITE	HB-03-24	31.75	82.55	106.4	CA6
WHITE	HB-03-24	32	82.55	106.4	CB7
WHITE	RS-03-24	1"6B	82.55	106.4	CA9
WHITE	HB-03-24	1"6B	82.55	106.4	CA9
WHITE	HB-03-24	16/32-13	82.55	106.4	CA15

5.0 ECE *5.0 ECE* **5.0 ECE**



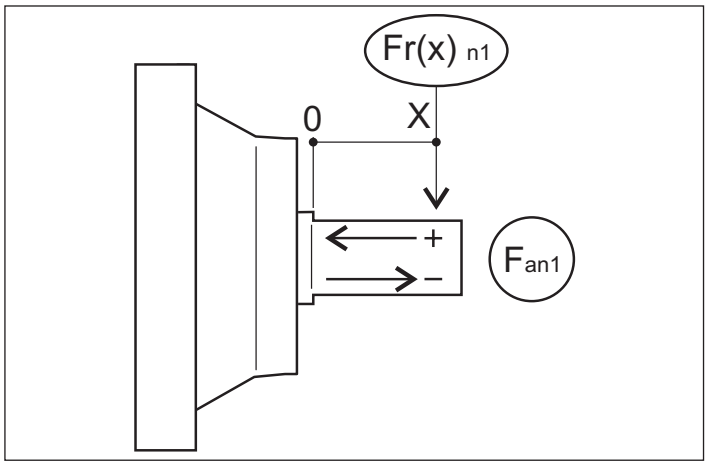
ECE	EX1	EX2 EXB2	EX3 EXB3	EX4 EXB4
	EX 101⇒1001	EX 102⇒3502 / EXB 102⇒1002	EX 103⇒12003 / EXB 103⇒3503	EX-EXB 104⇒12004
10	101	102	103	104
20	201	202	203	204
25	251	252	253	254
30	301	302	303	304
40		402	403	404
50	501	502	503	504
70	701	702	703	704
80	801	802	803	804
90		902	903	904
100	1001	1002	1003	1004
150		1502	1503	1504
180		1802	1803	1804
200		2002	2003	2004
250		2502	2503	2504
280		2802	2803	2804
300		3002	3003	3004
350		3502	3503	3504
420			4203	4204
650			6503	6504
850			8503	8504
1200			12003	12004

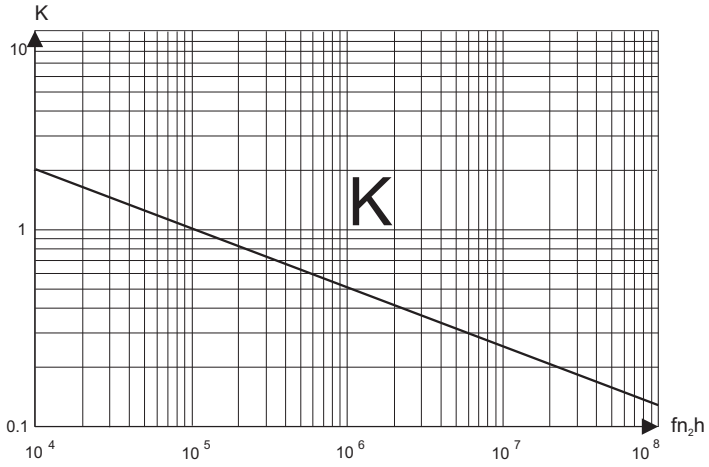
	L	Z	Lm	LK	K	P													
					UNI6604														
ECE 1A	50	23	20	5	8x7x40	91				91				91				91	
ECE 1B							117				117				117				117
ECE 2A	58	23	24	4	10x8x50	91				91				91				91	
ECE 2B							117				117				117				117
ECE 3	82	23	32	6	12x8x70		117	161,9			117	161,9			117	161,9			117
ECE 4	82	23	32	6	14x9x70		117	161,9			117	161,9			117	161,9			117
ECE 5A	50	23	22	5	8x7x40	91				91				91				91	
ECE 5B							117				117				117				117

5.0 ECE

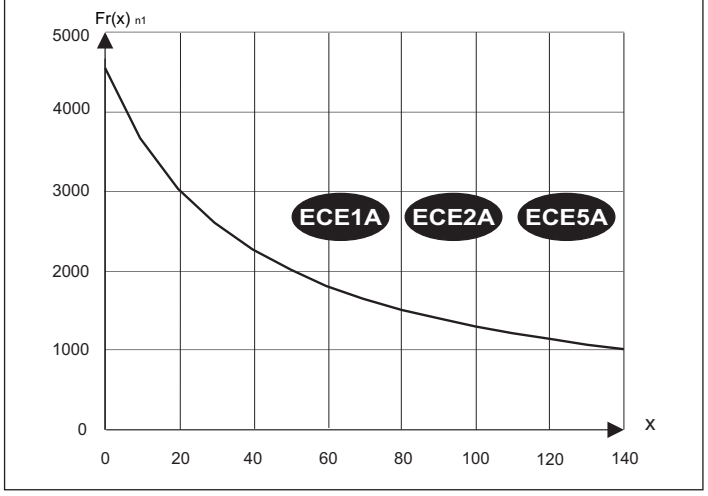
5.0 ECE

5.0 ECE

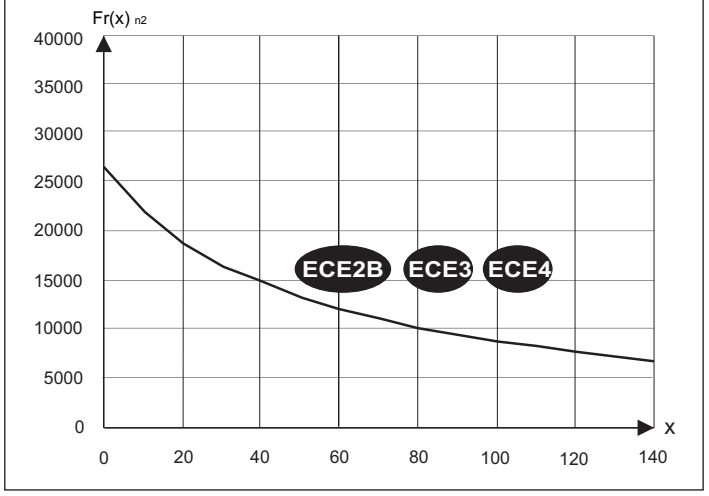




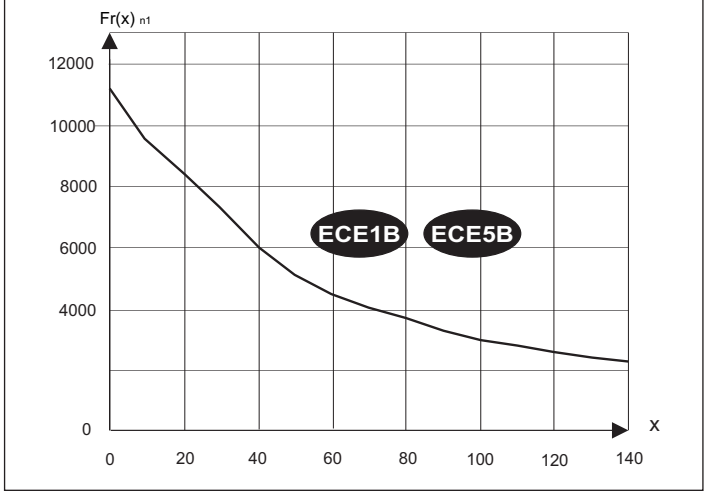
ECE1A - ECE2A - ECE5A



ECE2B - ECE3 - ECE4



ECE1B - ECE5B



Fa n1	Direzione/Direction/Drehrichtung	ECE 1	ECE 2	ECE 3	ECE 4	ECE 5
	(+)	*	*	*	*	*
	(-)	*	*	*	*	*

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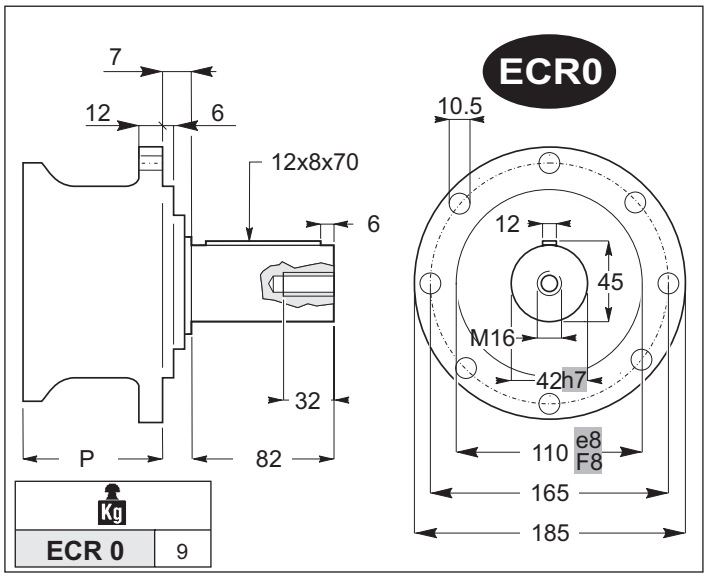
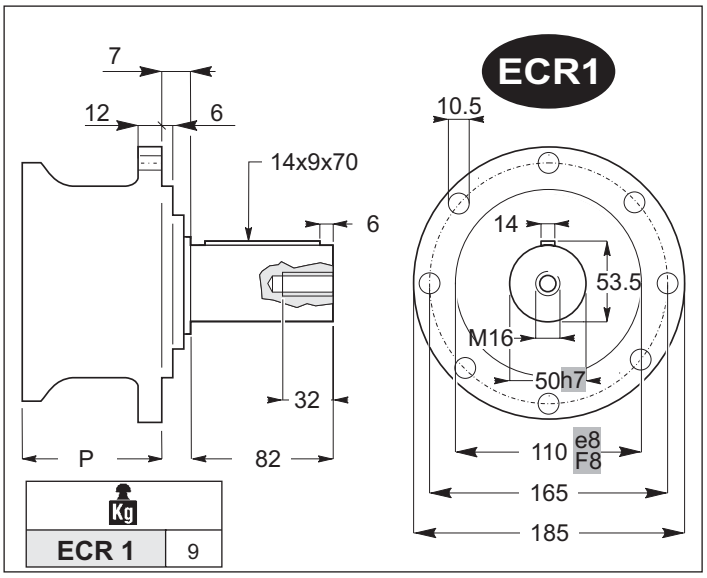
6.0 ECR 0-1

6.0 ECR 0-1

6.0 ECR 0-1





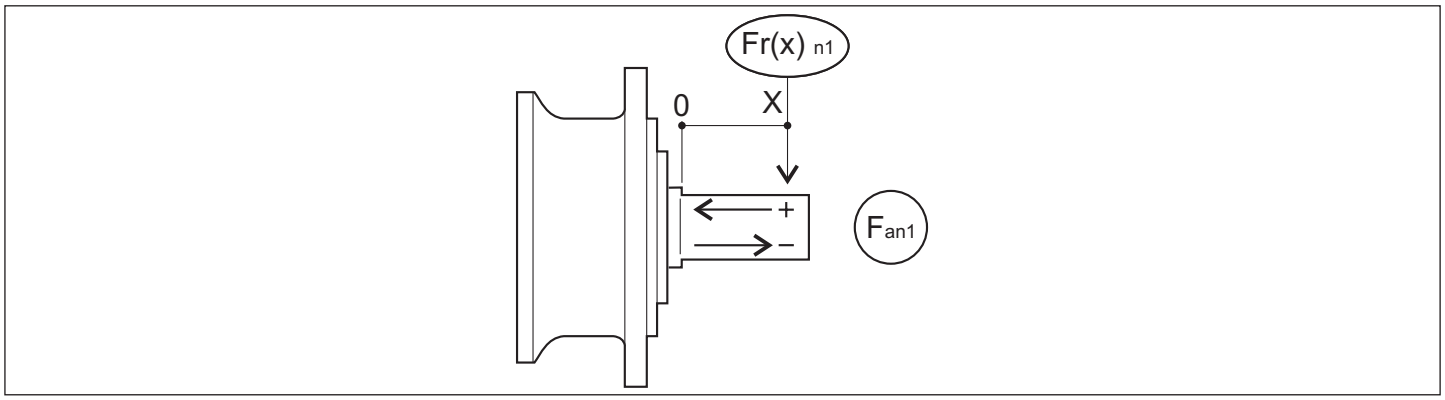
ECR	EX1				EX2 EXB2				EX3 EXB3				EX4 EXB4			
	EX 101⇒701				EX 102⇒2002 / EXB 102⇒1002				EX 103⇒4203 / EXB 103⇒3503				EX-EXB 104⇒12004			
10	101				102				103				104			
20	201				202				203				204			
25	251				252				253				254			
30		301			302				303				304			
40					402				403				404			
50		501			502				503				504			
70		701			702				703				704			
80						802			803				804			
90						902			903				904			
100						1002			1003				1004			
150						1502			1503				1504			
180						1802			1803				1804			
200						2002			2003				2004			
250										2503			2504			
280										2803			2804			
300										3003			3004			
350										3503			3504			
420										4203			4204			
650														6504		
850														8504		
1200														12004		

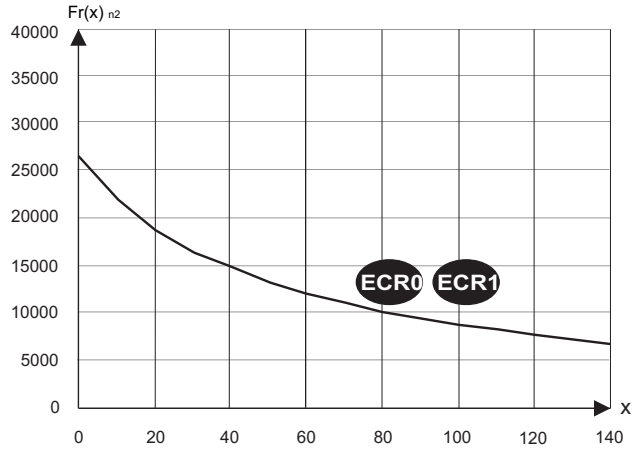
	P											
ECR0	108,3	116,8			108,3	116,8			108,3	116,8			108,3	116,8		
ECR1	108,3	116,8			108,3	116,8			108,3	116,8			108,3	116,8		

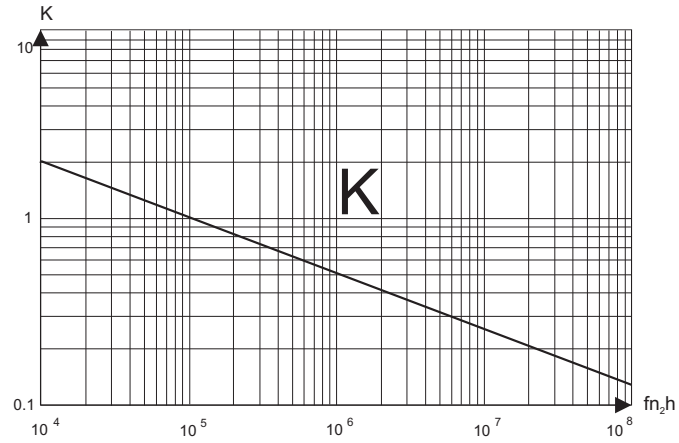
6.0 ECR 0-1

6.0 ECR 0-1

6.0 ECR 0-1







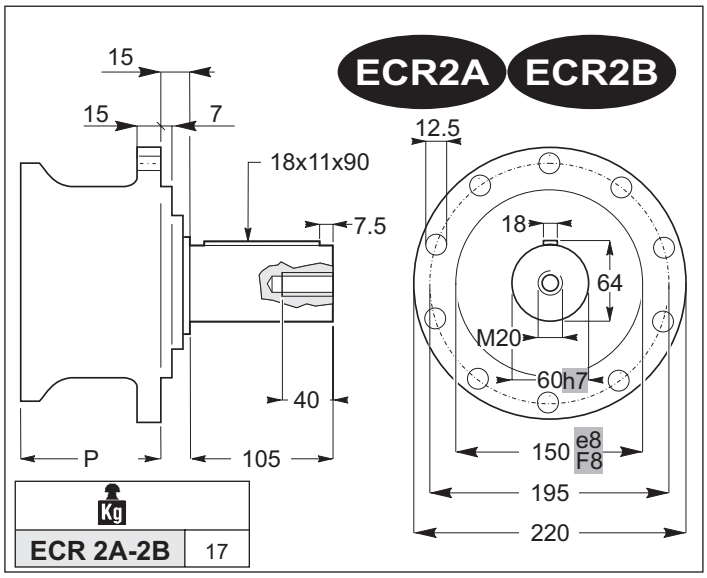
	Direzione/Direction/Drehrichtung	ECR 0	ECR 1
Fa n1	(+)	22491	22491
	(-)	19278	19278

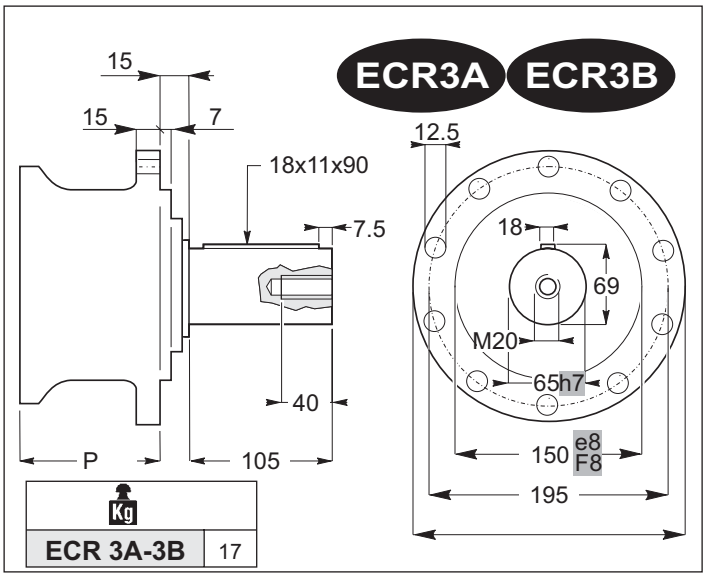
D

6.0 ECR 2A-2B-3A-3B-4

6.0 ECR 2A-2B-3A-3B-4

6.0 ECR 2A-2B-3A-3B-4





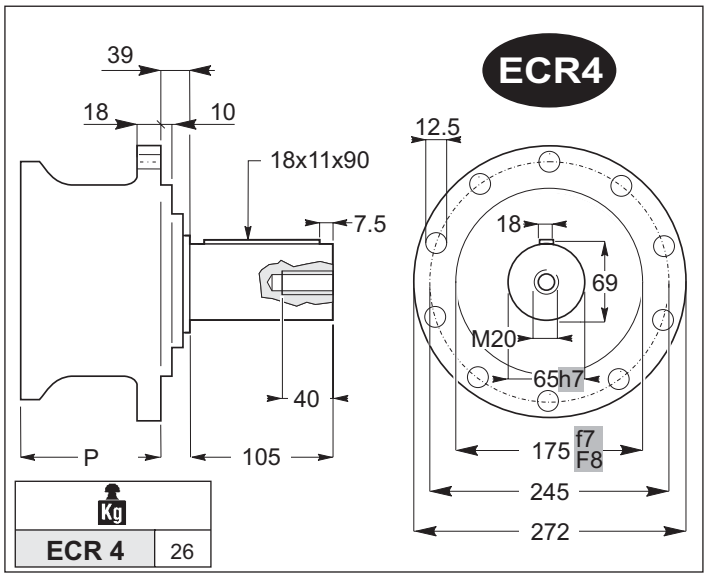
ECR	EX1	EX2 EXB2	EX3 EXB3	EX4 EXB4
	EX 101⇒1001	EX 102⇒ 3502 EXB 102⇒ 1002	EX 103⇒ 12003 EX 103⇒ 3503	EX-EXB 104⇒ 12004
10	101	102	103	104
20	201	202	203	204
25	251	252	253	254
30	301	302	303	304
40		402	403	404
50	501	502	503	504
70	701	702	703	704
80	801	802	803	804
90		902	903	904
100	1001	1002	1003	1004
150		1502	1503	1504
180		1802	1803	1804
200		2002	2003	2004
250		2502	2503	2504
280		2802	2803	2804
300		3002	3003	3004
350		3502	3503	3504
420			4203	4204
650			6503	6504
850			8503	8504
1200			12003	12004

	P											
ECR2A	114.8	114.8	114.8	114.8								
ECR2B	141,5	157,5	157.5	141,5	157,5	157.5	141,5	157,5	157.5	141.5		
ECR3A	114.8	114.8	114.8	114.8								
ECR3B	141,5	157,5	157.5	141,5	157,5	157.5	141,5	157,5	157.5	141.5		
ECR4	145,5	161,5	161.5	145,5	161,5	161.5	145,5					

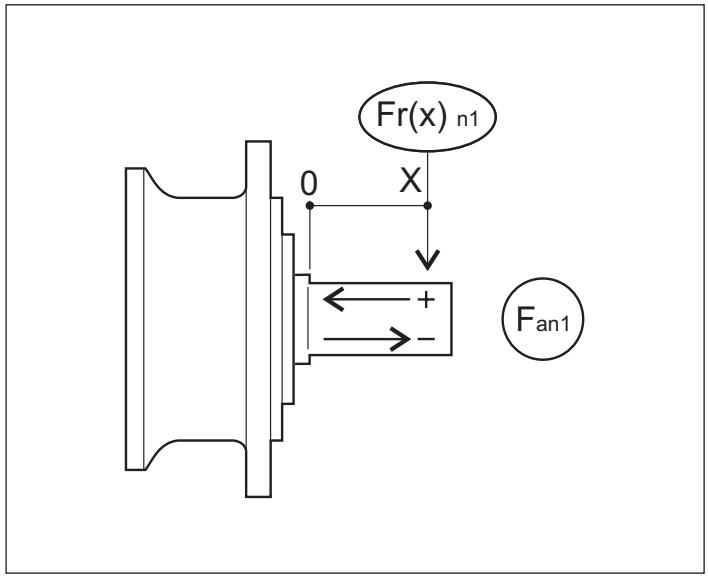
6.0 ECR 2A-2B-3A-3B-4

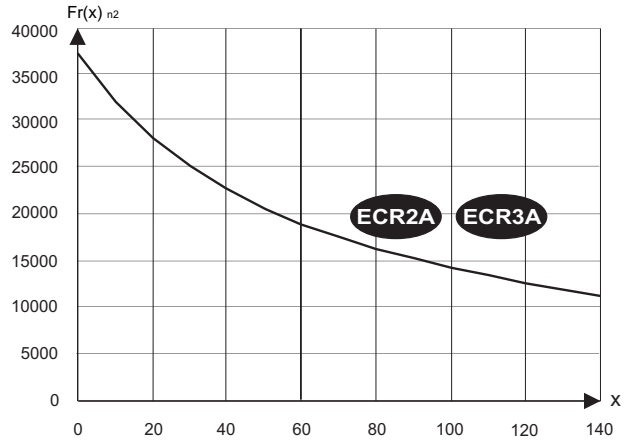
6.0 ECR 2A-2B-3A-3B-4

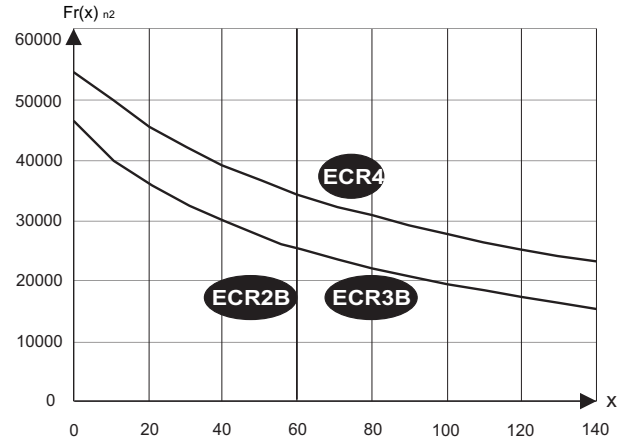
6.0 ECR 2A-2B-3A-3B-4

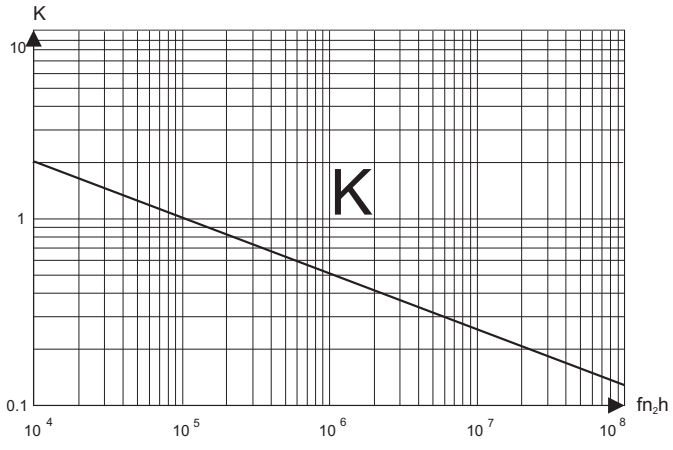


Kg	
ECR 4	26







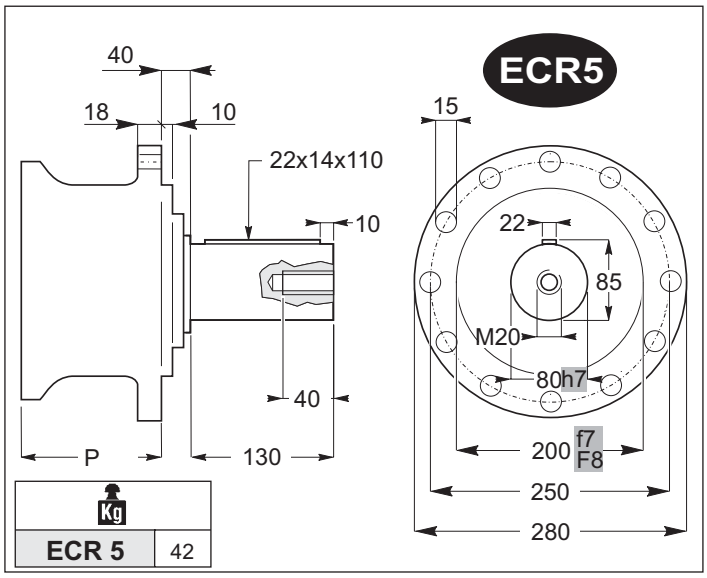


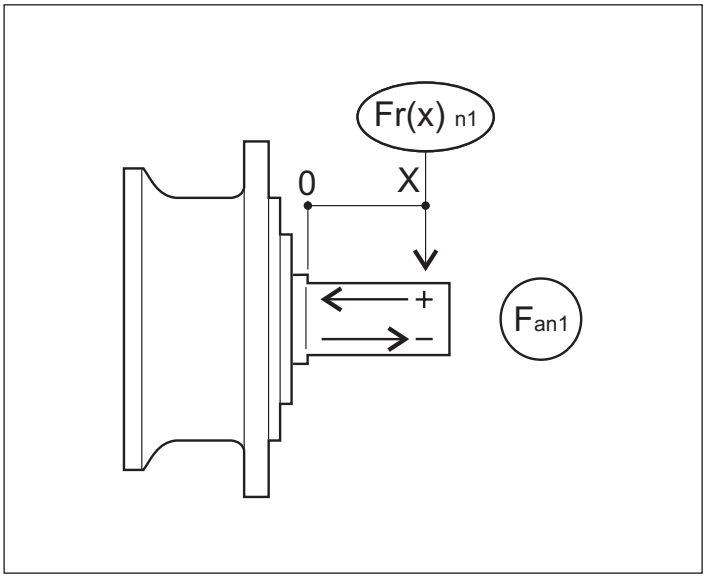
	Direzione/Direction/Drehrichtung	ECR 2A	ECR 3A	ECR 2B	ECR 3B	ECR 4
Fa n1	(+)	34426		38557		44398
	(-)	22491		34426		38557

6.0 ECR 5

6.0 ECR 5

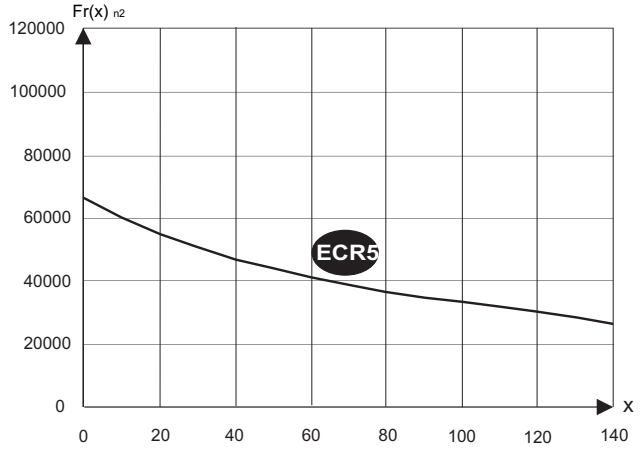
6.0 ECR 5

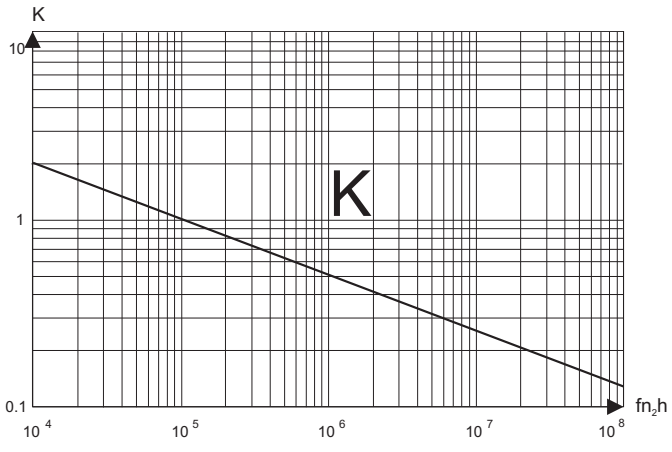




ECR	EX1	EX2	EX3	EX4
80	801			
90				
100				
150				
180				
200				
250		2502		
280				
300				
350				
420				
650			6503	

	P		
ECR5	154.0	154.0	154.0



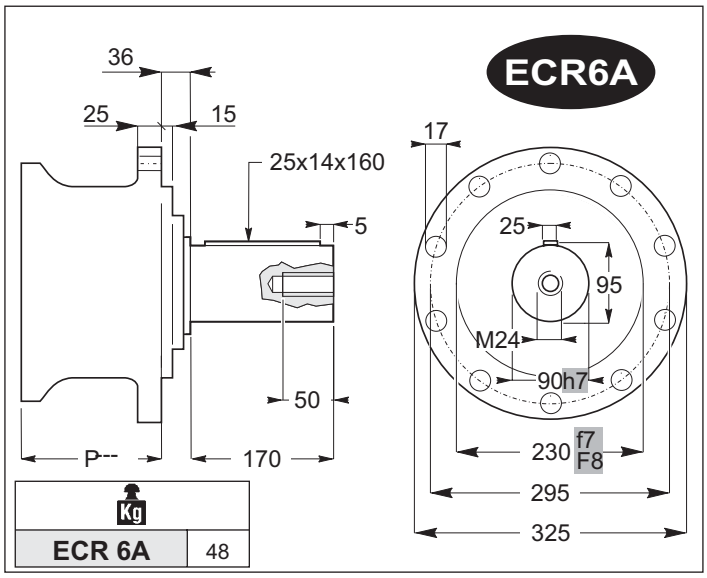


	Direzione/Direction/Drehrichtung	ECR 5
Fa n1	(+)	58419
	(-)	58419

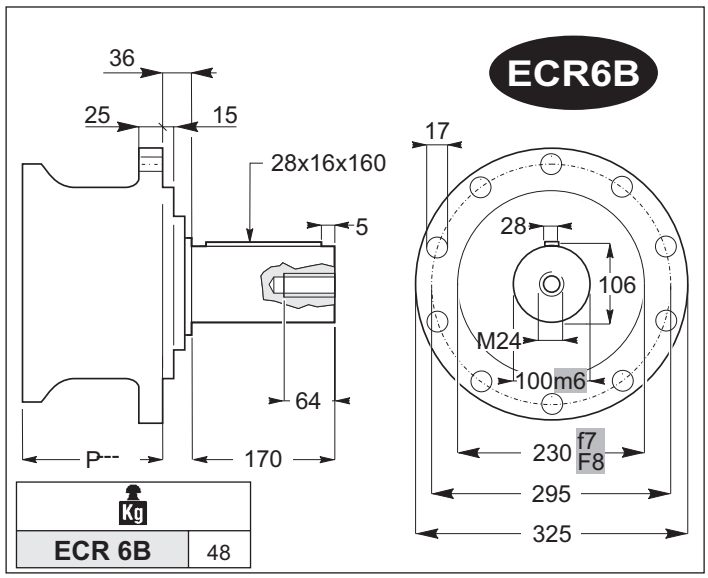
6.0 ECR 6A-6B

6.0 ECR 6A-6B

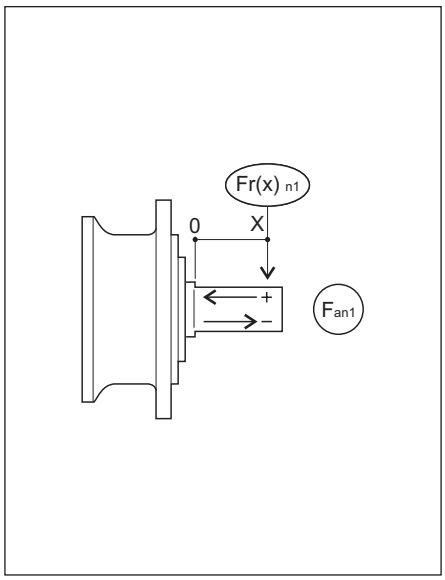
6.0 ECR 6A-6B



Kg	
ECR 6A	48

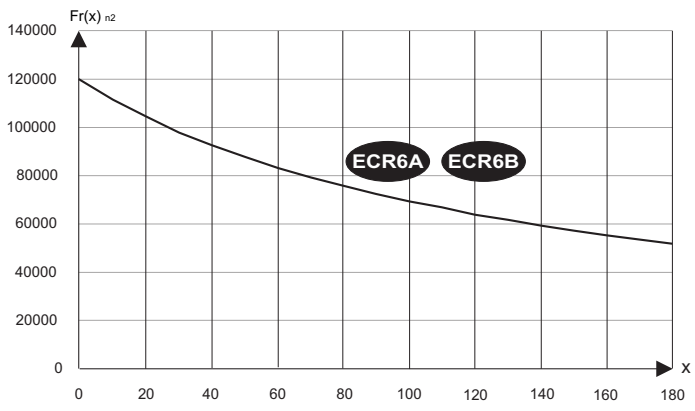


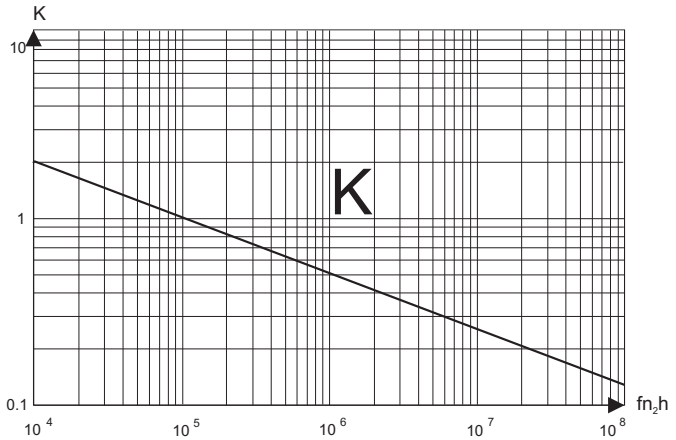
Kg	
ECR 6B	48



ECR	EX1	EX2	EX3	EX4
100	1001			
150				
180				
200				
250				
280		2802		
300		3002		
350		3502		
420				
650				
850			8503	
1200			12003	

	P								
ECR6A	207			207			207		
ECR6B	207			207			207		



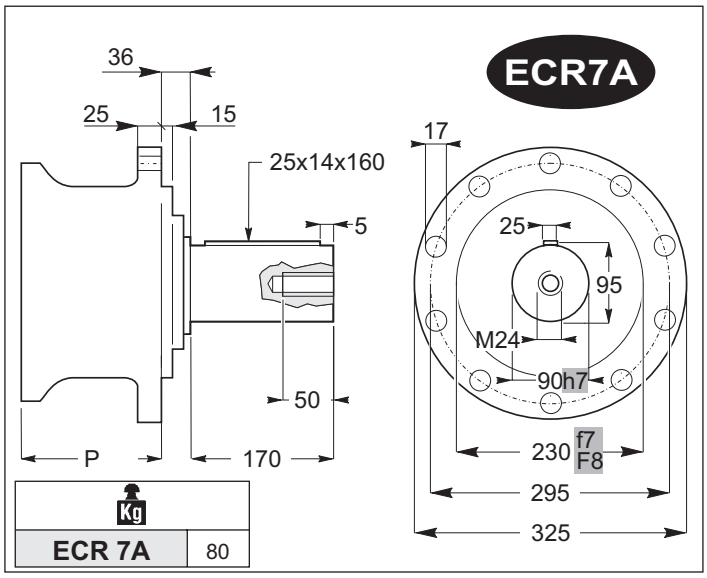


Fa n1	Direzione/Direction/Drehrichtung	ECR 6A - ECR 6B
	(+)	104737
	(-)	73441

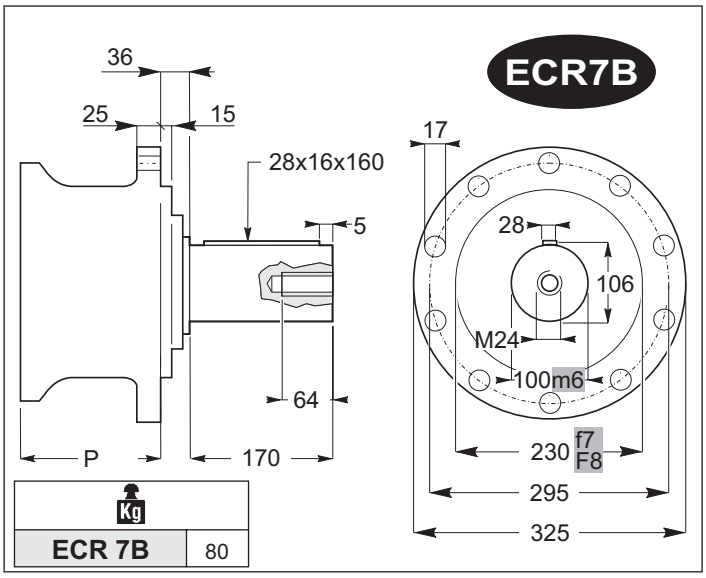
6.0 ECR 7A-7B

6.0 ECR 7A-7B

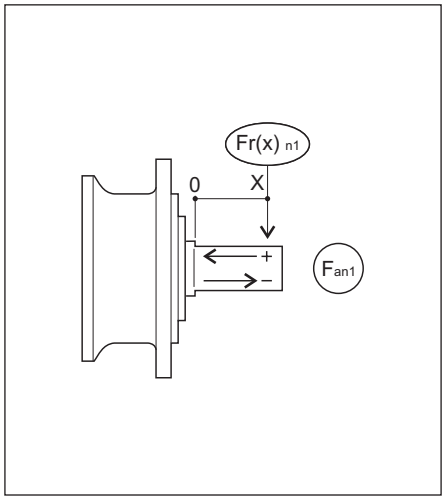
6.0 ECR 7A-7B



Kg	
ECR 7A	80

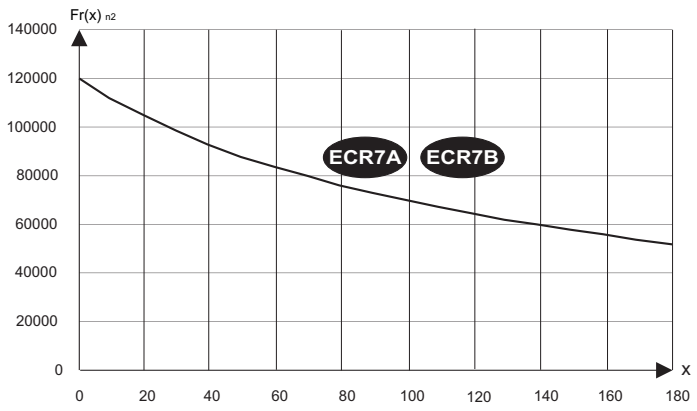


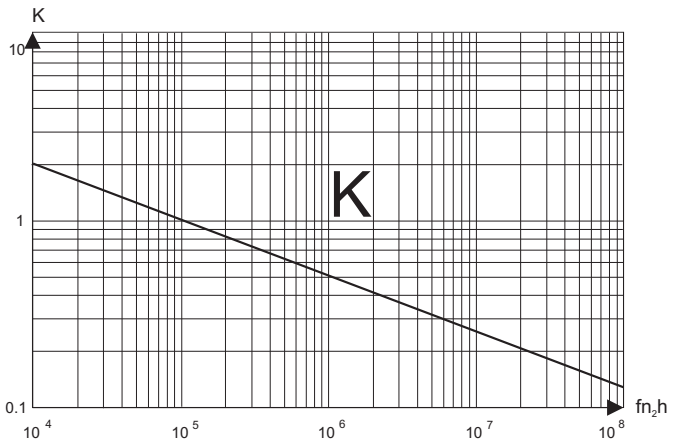
Kg	
ECR 7B	80



ECR	EX1	EX2	EX3	EX4
150	1501			
180				
200	2001			
250				
280				
300				
350				
420		4202		
650				
850				

	P	P
ECR7A	219	219
ECR7B	219	219



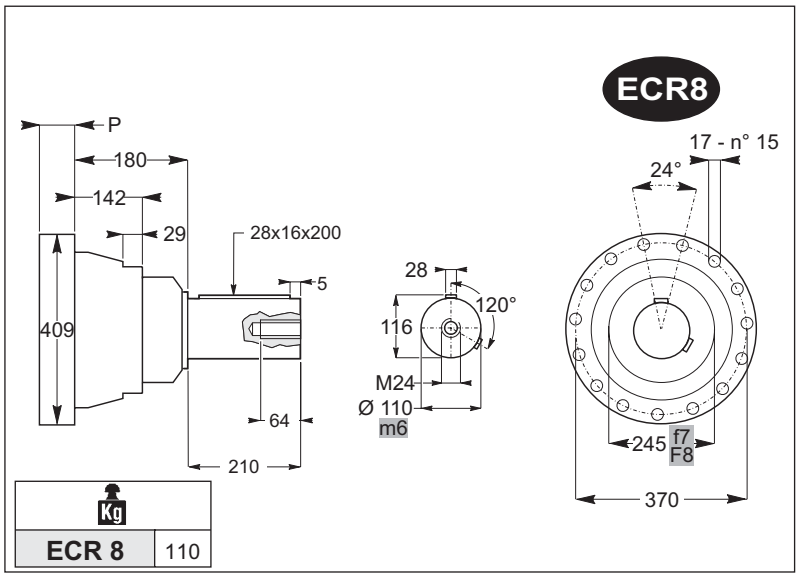


Fa n1	Direzione/Direction/Drehrichtung	ECR 7A - ECR 7B
	(+)	104737
	(-)	73441

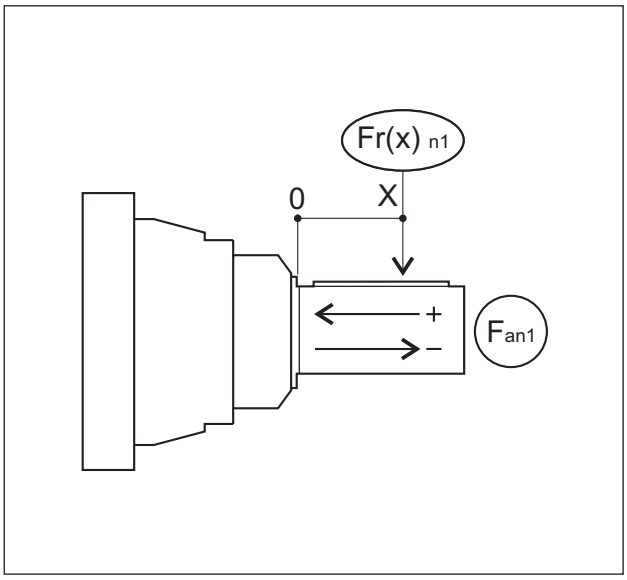
6.0 ECR 8

6.0 ECR 8

6.0 ECR 8

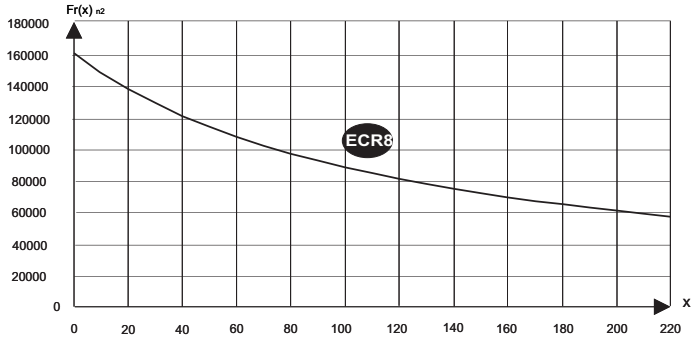


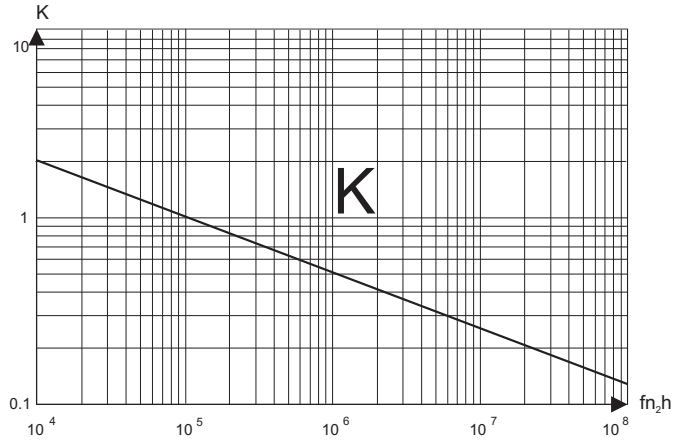
Kg	
ECR 8	110



ECR	EX1	EX2	EX3	EX4
250	2501			
280				
300				
350				
420				
650		6502		
850				

	P
ECR8	81 81



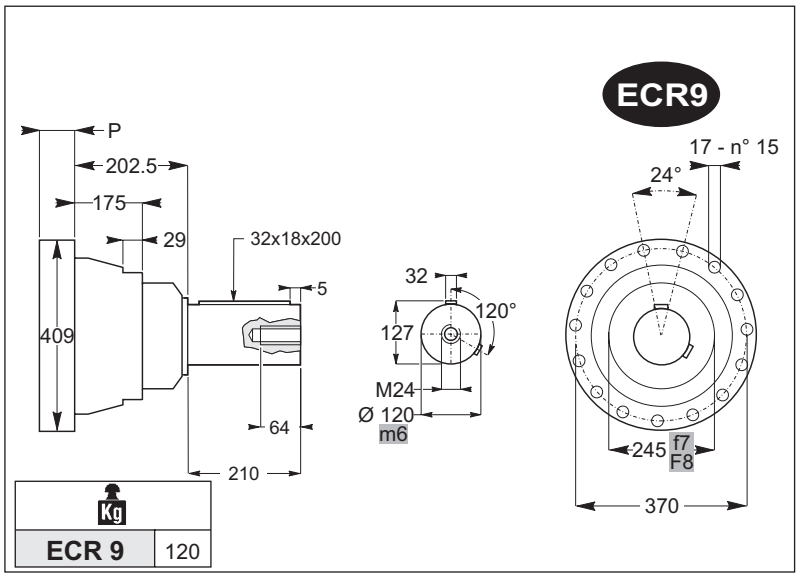


Fa n1	Direzione/Direction/Drehrichtung	ECR 8
	(+)	149386
	(-)	112665

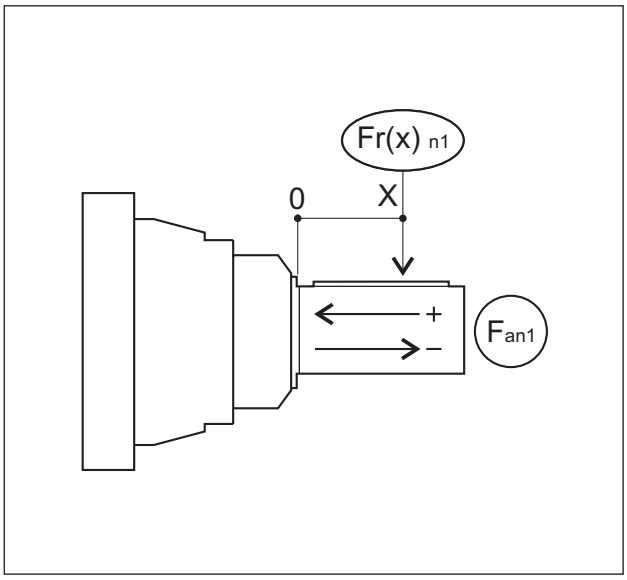
6.0 ECR 9

6.0 ECR 9

6.0 ECR 9

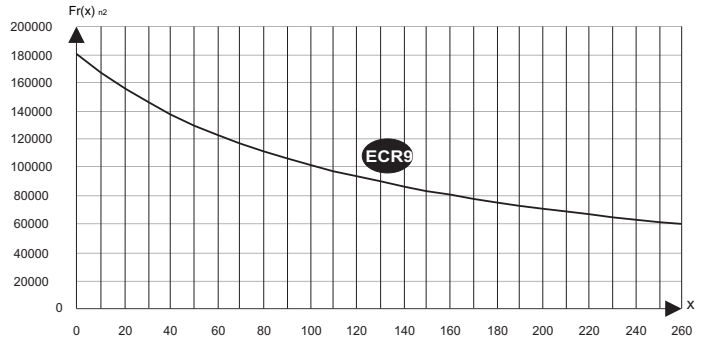


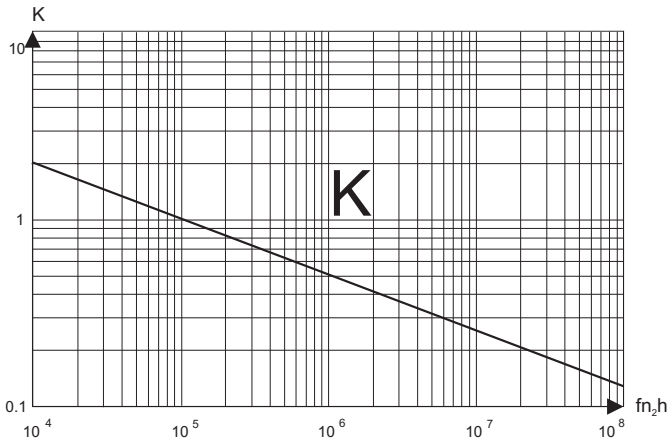
Kg	
ECR 9	120



ECR	EX1	EX2	EX3	EX4
300	3001			
350				
420				
650				
850		8502		

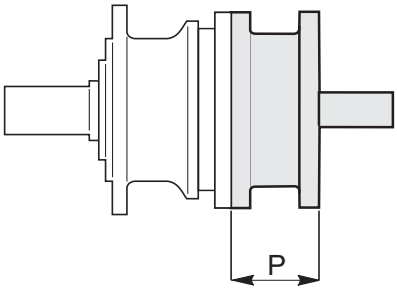
	P	
ECR9	81	81



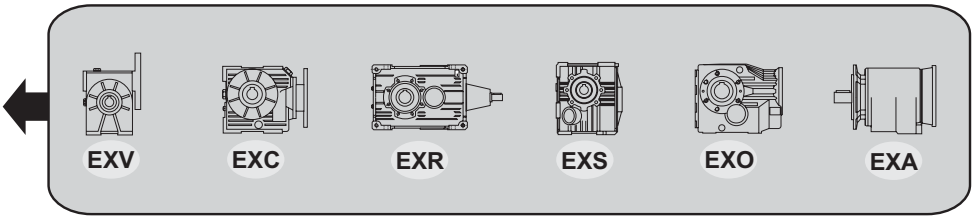


Fa n1	Direzione/Direction/Drehrichtung	ECR 9
	(+)	167746
	(-)	128521

EX.



Kg
6



D

6.0 EXV-EXC-EXS-EXR-EXO-EXA *6.0 EXV-EXC-EXS-EXR-EXO-EXA* 6.0 EXV-EXC-EXS-EXR-EXO-EXA

	1										2									3						4			
10	101										102									103						104			
20		201									202									203						204			
25		251									252									253						254			
30			301								302									303						304			
40											402									403						404			
50				501								502								503						504			
70					701							702								703						704			
80						801							802							803						804			
90													902							903						904			
100							1001							1002							1003					1004			
150								1501						1502							1503					1504			
180														1802							1803					1804			
200									2001						2002						2003					2004			
250										2501						2502						2503				2504			
280																	2802						2803				2804		
300										3001							3002						3003				3004		
350																	3502						3503				3504		
420																		4202					4203				4204		
650																			6502					6503				6504	
850																			8502						8503				8504
1200																									12003				12004

	P																												
EXV 50	*										*									*						*			
EXV 63	*										*									*						*			
EXV 70	*	*									*	*								*	*					*	*		
EXV 85		*	*	*	*							*	*	*	*						*	*	*				*	*	*
EXV 110			*	*	*	*	*						*	*	*	*	*					*	*	*	*			*	*
EXV 130				*		*								*		*							*	*					*
EXV 150						*	*									*	*							*	*				
EXV 180								*										*											
EXC 50	*										*									*						*			
EXC 70	*	*									*	*								*	*					*	*		
EXC 85		*	*	*	*							*	*	*	*						*	*	*				*	*	*
EXC 110			*	*	*	*	*						*	*	*	*	*					*	*	*	*			*	*
EXS 35	*										*									*						*			
EXS 45	*	*									*	*								*	*					*	*		
EXR 704	*	*									*	*								*	*					*	*		
EXR 708		*	*	*	*							*	*	*	*						*	*	*				*	*	*
EXR 712			*	*	*	*	*						*	*	*	*	*					*	*	*	*			*	*
EXR 716						*	*	*								*	*	*						*	*				
EXR 720								*		*								*	*										
EXO 132								*		*								*	*										
EXO 150								*		*								*	*										
EXO 170										*								*	*										
EXO 190																													
EXA 35	*	*									*	*								*	*					*	*		
EXA 41	*	*									*	*								*	*					*	*		
EXA 45	*	*									*	*								*	*					*	*		
EXA 50	*	*									*	*								*	*					*	*		

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