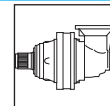


PG 1000

	i	Mc [kNm]				n _{1max} [min ⁻¹]	Pt [kW]	Kg				
		n ₂ x h	n ₂ x h	n ₂ x h	n ₂ x h			M	P	CPC	F	FS
		10.000	20.000	50.000	100.000							
PG 1001	3.55	13.80	12.21	10.39	9.20	2000	40	97	—	147	65	102
	4.28	11.86	10.50	8.94	7.91							
	5.60	9.22	8.16	6.94	6.15							
	6.75	7.04	6.23	5.30	4.69							
	8.66	4.98	4.41	3.75	3.32							
PG 1002	13.4	13.80	12.21	10.39	9.20	2800	23	113	—	163	81	118
	16.1	11.86	10.50	8.94	7.91							
	18.3	13.80	12.21	10.39	9.20							
	22.1	11.86	10.50	8.94	7.91							
	25.7	11.86	10.50	8.94	7.91							
	28.9	9.22	8.16	6.94	6.15							
	33.6	9.22	8.16	6.94	6.15							
	40.5	7.04	6.23	5.30	4.69							
	48.9	7.04	6.23	5.30	4.69							
PG 1003	57.5	13.80	12.21	10.39	9.20	2800	15	121	—	171	89	126
	62.8	13.80	12.21	10.39	9.20							
	75.2	13.80	12.21	10.39	9.20							
	82.1	13.80	12.21	10.39	9.20							
	94.8	11.86	10.50	8.94	7.91							
	109.2	11.86	10.50	8.94	7.91							
	118.4	9.22	8.16	6.94	6.15							
	123.9	11.86	10.50	8.94	7.91							
	129.3	9.22	8.16	6.94	6.15							
	143.9	11.86	10.50	8.94	7.91							
	155.9	9.22	8.16	6.94	6.15							
	173.5	11.86	10.50	8.94	7.91							
	188.1	9.22	8.16	6.94	6.15							
	195.2	9.22	8.16	6.94	6.15							
	209.7	7.04	6.23	5.30	4.69							
	226.8	9.22	8.16	6.94	6.15							
	235.4	7.04	6.23	5.30	4.69							
	274.0	9.22	8.16	6.94	6.15							
	330.3	7.04	6.23	5.30	4.69							
PG 1004	351.9	13.80	12.21	10.39	9.20	2800	11	127	—	177	95	132
	388.5	13.80	12.21	10.39	9.20							
	421.2	13.80	12.21	10.39	9.20							
	440.8	11.86	10.50	8.94	7.91							
	459.9	13.80	12.21	10.39	9.20							
	507.7	13.80	12.21	10.39	9.20							
	531.4	11.86	10.50	8.94	7.91							
	554.3	13.80	12.21	10.39	9.20							
	576.0	9.22	8.16	6.94	6.15							
	611.9	11.86	10.50	8.94	7.91							
	640.5	11.86	10.50	8.94	7.91							
	724.4	9.22	8.16	6.94	6.15							
	806.4	9.22	8.16	6.94	6.15							
	907.3	9.22	8.16	6.94	6.15							
	1008.8	11.86	10.50	8.94	7.91							
	1093.6	9.22	8.16	6.94	6.15							
	1270.0	9.22	8.16	6.94	6.15							
	1530.9	9.22	8.16	6.94	6.15							
	1849.8	9.22	8.16	6.94	6.15							
2229.7	7.04	6.23	5.30	4.69								

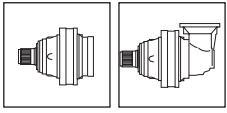
PG 1000



	i	Mc [kNm]				n1max [min ⁻¹]	Pt [kW]	Kg				
		n ₂ x h	n ₂ x h	n ₂ x h	n ₂ x h			M	P	CPC	F	FS
		10.000	20.000	50.000	100.000							
PGA 1002	12.2	13.80	12.21	10.39	9.20	2800	23	134	—	184	102	139
	14.8	11.86	10.50	8.94	7.91							
	19.3	9.22	8.16	6.94	6.15							
	23.3	7.04	6.23	5.30	4.69							
	30.4	9.22	8.16	6.94	6.15							
	36.7	7.04	6.23	5.30	4.69							
PGA 1003	46.4	13.80	12.21	10.39	9.20	2800	15	153	—	203	121	158
	50.6	13.80	12.21	10.39	9.20							
	61.0	11.86	10.50	8.94	7.91							
	73.1	13.80	12.21	10.39	9.20							
	88.8	11.86	10.50	8.94	7.91							
	96.2	11.86	10.50	8.94	7.91							
	116.0	9.22	8.16	6.94	6.15							
	120.5	11.86	10.50	8.94	7.91							
	125.7	9.22	8.16	6.94	6.15							
	139.9	11.86	10.50	8.94	7.91							
	157.5	9.22	8.16	6.94	6.15							
	182.9	9.22	8.16	6.94	6.15							
	221.0	9.22	8.16	6.94	6.15							
	266.4	7.04	6.23	5.30	4.69							
	PGA 1004	140.0	13.80	12.21	10.39							
168.8		13.80	12.21	10.39	9.20							
184.3		11.86	10.50	8.94	7.91							
203.5		11.86	10.50	8.94	7.91							
230.9		13.80	12.21	10.39	9.20							
265.9		11.86	10.50	8.94	7.91							
278.3		11.86	10.50	8.94	7.91							
301.7		13.80	12.21	10.39	9.20							
320.5		11.86	10.50	8.94	7.91							
350.0		11.86	10.50	8.94	7.91							
379.4		9.22	8.16	6.94	6.15							
418.8		9.22	8.16	6.94	6.15							
457.3		9.22	8.16	6.94	6.15							
510.3		9.22	8.16	6.94	6.15							
551.9		9.22	8.16	6.94	6.15							
665.2		9.22	8.16	6.94	6.15							
803.8		9.22	8.16	6.94	6.15							
968.9		7.04	6.23	5.30	4.69							

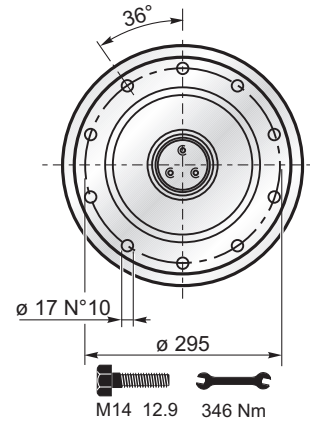
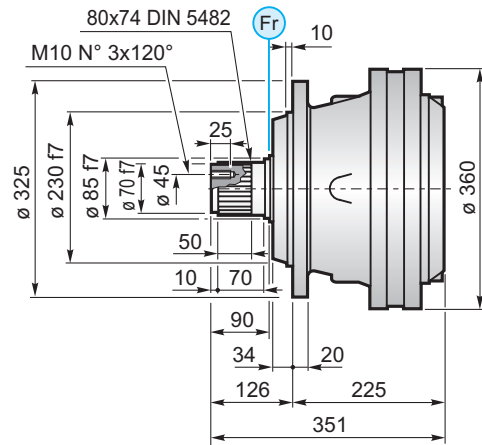
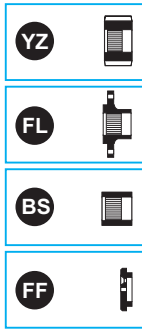


$$M_{\max} = M_c \times 2 \quad (n_2 \times h = 20.000)$$

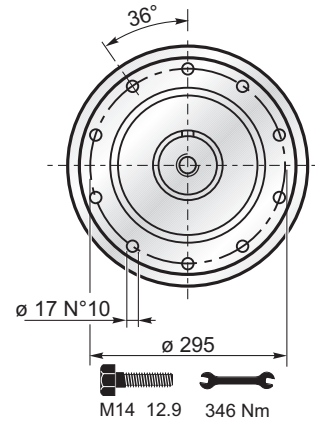
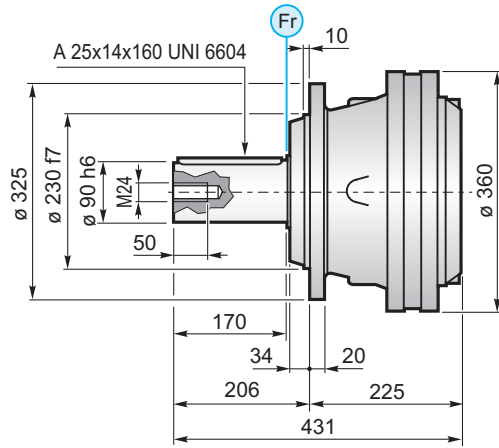


PG 1000

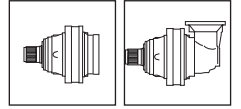
MS



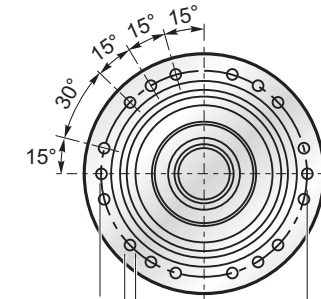
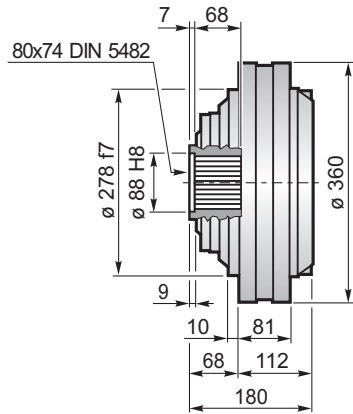
MC



PG 1000

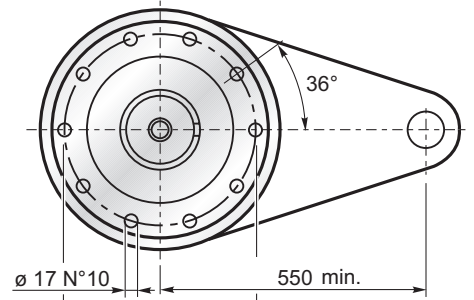
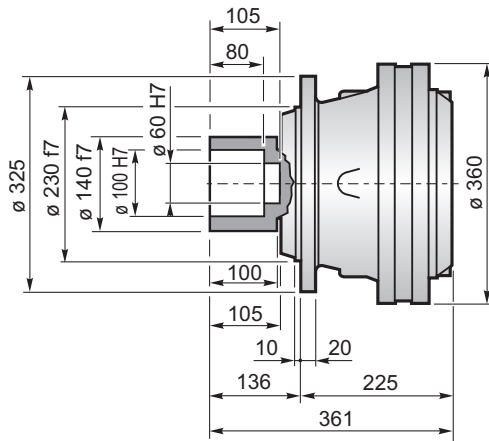


F



M14 8.8 288 Nm

FS

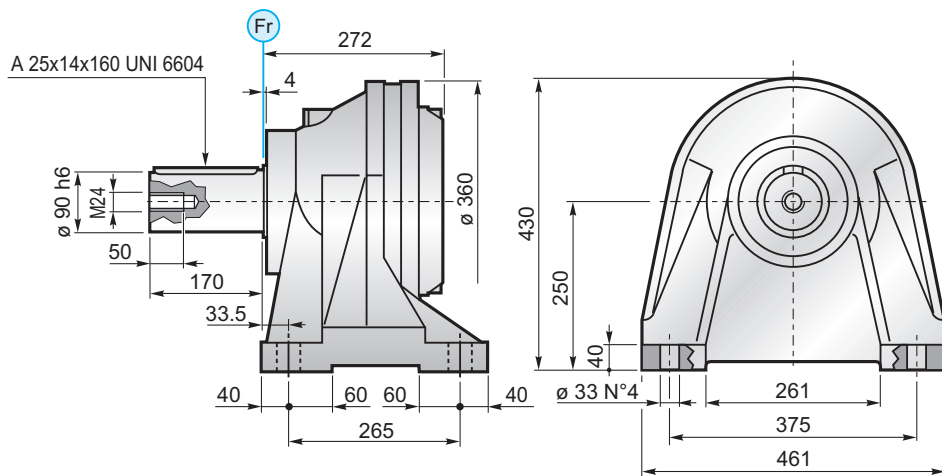


M14 12.9 346 Nm

$M_{max} = 17.6 \text{ kNm}$

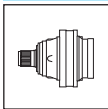
La coppia massima indicata è valida solo con calettatori forniti da SOM
 The maximum torque indicated is valid only with shrink discs supplied by SOM
 Le couple maximal indiqué n'est valable qu'avec les frettes de serrage fournies par SOM
 Das dargestellte, maximale Drehmoment gilt nur mit von SOM gelieferter Schrumpfscheibe

CPC



M30 12.9 2845 Nm





PG 1000

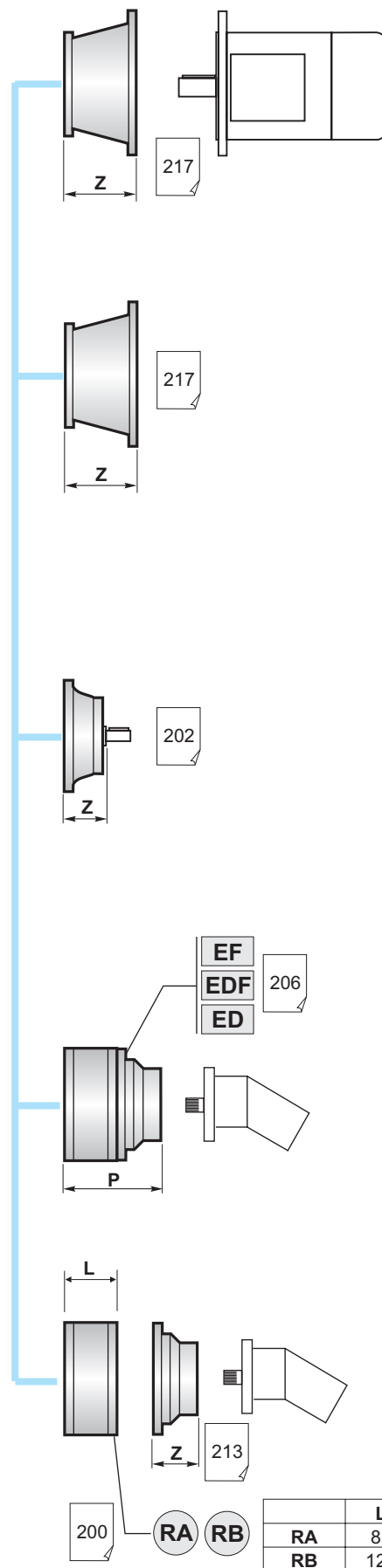
	PG ...MS					
	A	B	RA	RB	EF	EDF
PG 1001	225	351		•		
PG 1002	296.5	422.5	•	o	•	
PG 1003	357.5	483.5	•			•
PG 1004	405.5	531.5	•			•

	PG ...MC					
	A	B	RA	RB	EF	EDF
PG 1001	225	431		•		
PG 1002	296.5	502.5	•	o	•	
PG 1003	357.5	563.5	•			•
PG 1004	405.5	611.5	•			•

	PG ...F					
	A	B	RA	RB	EF	EDF
PG 1001	112	180		•		
PG 1002	183.5	251.5	•	o	•	
PG 1003	244.5	383.5	•			•
PG 1004	292.5	360.5	•			•

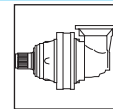
	PG ...FS					
	A	B	RA	RB	EF	EDF
PG 1001	225	361		•		
PG 1002	296.5	432.5	•	o	•	
PG 1003	357.5	493.5	•			•
PG 1004	405.5	541.5	•			•

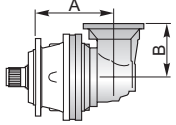
	PG ...CPC					
	A	B	RA	RB	EF	EDF
PG 1001	272	442		•		
PG 1002	343.5	513.5	•	o	•	
PG 1003	404.5	574.5	•			•
PG 1004	452.5	622.5	•			•

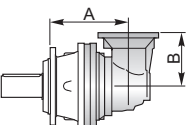


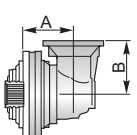
A+13.5	B+13.5	o
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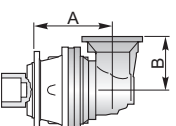
PG 1000

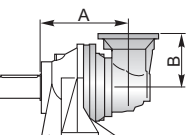


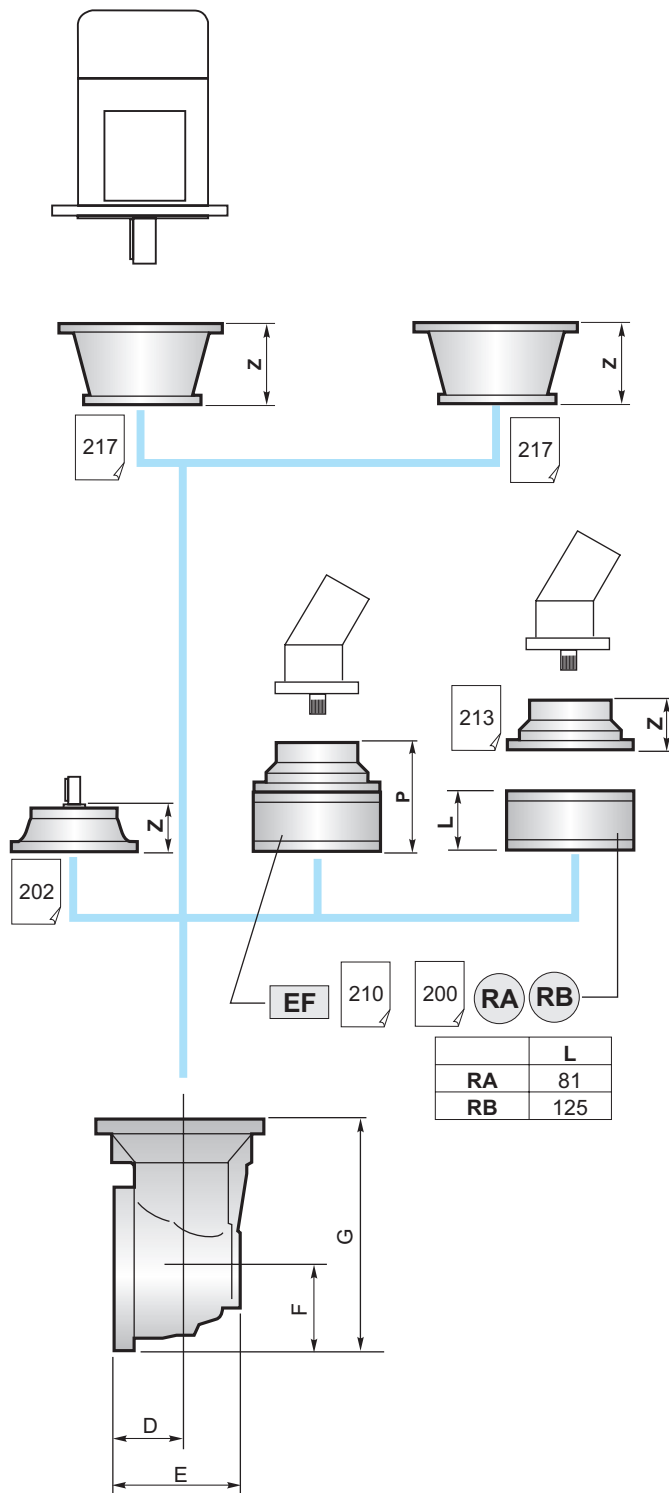
	PGA ...MS				
	A	B	RA	RB	EF
PGA 1002	313	240	•	o	•
PGA 1003	398	240	•	o	•
PGA 1004	432.5	159	•		•

	PGA ...MC				
	A	B	RA	RB	EF
PGA 1002	313	240	•	o	•
PGA 1003	398	240	•	o	•
PGA 1004	432.5	159	•		•

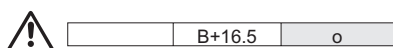
	PGA ...F				
	A	B	RA	RB	EF
PGA 1002	200	240	•	o	•
PGA 1003	285	240	•	o	•
PGA 1004	319.5	159	•		•

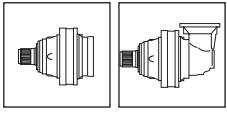
	PGA ...FS				
	A	B	RA	RB	EF
PGA 1002	313	240	•	o	•
PGA 1003	398	240	•	o	•
PGA 1004	432.5	159	•		•

	PGA ...CPC				
	A	B	RA	RB	EF
PGA 1002	360	240	•	o	•
PGA 1003	445	240	•	o	•
PGA 1004	479.5	159	•		•



	D	E	F	G
PGA 1002	88	164	140	380
PGA 1003	88	164	140	380
PGA 1004	75	141.5	93	252





PG 1000

YZ Pignoni / Pinion
Pignon / Ritzel



	Versione Output type Version Abtriebs- version	M	Z	XM	A	B	C	D	E	F	G	K	Materiale Material Matière Material	Codice Code Code Bestell - Nr.
A	M	10	12	0	90	—	10	31	140	85	80	—	38NiCrMo4	1701.236.042
	M	10	14	0	90	—	10	31	160	85	80	—	38NiCrMo4	1701.238.042
B	M	12	14	3	90	115	25	31	194.5	85	80	130	39NiCrMo3	1701.286.042

FF Fondello di arresto / Stop bottom plate
Bouchon de fermeture / Endscheibe



Codice / Code
Code / Bestell - Nr.
5701.030.000

BS Boccola scanalata / Splined bushing
Moyeu cannelé / Innenverzahnte Buchse



Materiale / Material
Matière / Material
UNI C40
SAE 1040
DIN Ck40

Codice / Code
Code / Bestell - Nr.
1716.103.076

KB Barra scanalata / Splined rod
Arbre cannelé / Außenverzahnte Welle



Materiale / Material
Matière / Material
UNI 39NiCrMo3
bonificato
hardened and tempered
bonifié
vergütet

Codice / Code
Code / Bestell - Nr.
1703.406.042

FL Flangia / Flange
Bride / Flansch



Codice / Code
Code / Bestell - Nr.
1716.105.098

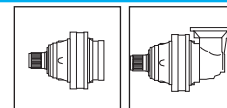
GA Giunto di attrito / Shrink disc
Frette de serrage / Schrumpfscheibe



Coppia max.
Max. torque
Couple max.
Max. Drehmoment
17,6 kNm

Codice / Code
Code / Bestell - Nr.
9015.140.000

PG 1000



CARICHI RADIALI (Fr)

Nei diagrammi seguenti sono riportati i carichi radiali e i coefficienti K per rapportarli al valore $n_2 \cdot xh$ desiderato.

RADIAL LOADS (Fr)

The following curves show the radial loads and the K factors to obtain the required $n_2 \cdot xh$ value.

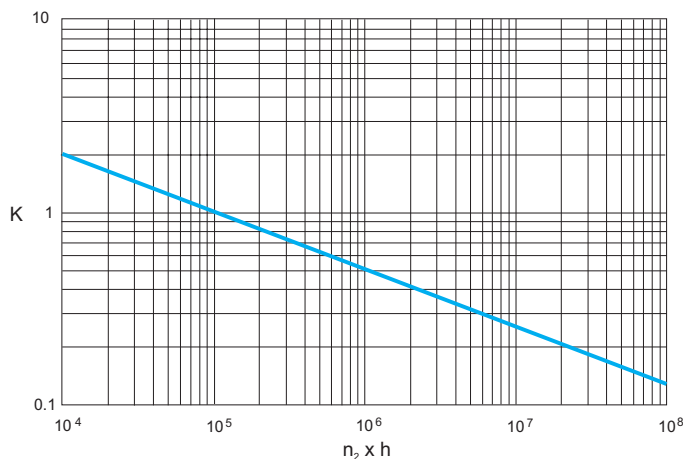
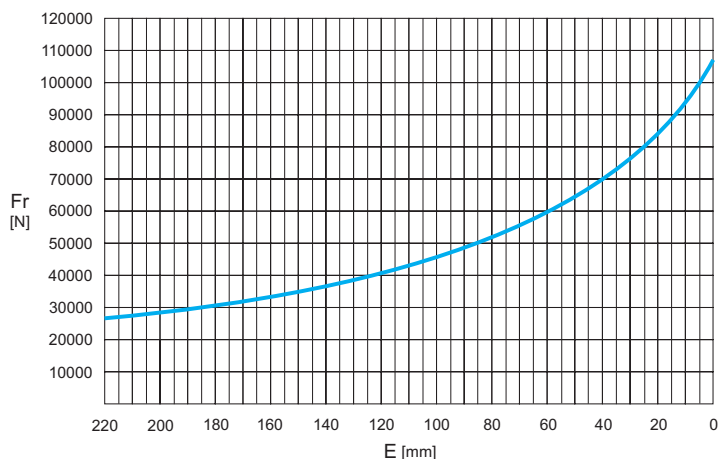
CHARGES RADIALES (Fr)

Dans les diagrammes suivants sont indiqués les charges radiales et les facteurs K de façon à obtenir la valeur $n_2 \cdot xh$ désirée.

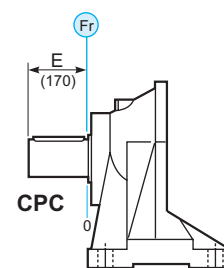
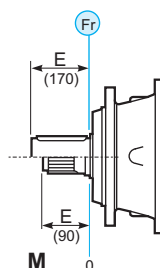
RADIALLAST (Fr)

In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert $n_2 \cdot xh$ verglichen werden.

M - CPC



	$n \times h$				
	10^5	10^4	10^6	10^7	10^8
M	Fr		Fr · K		
*CPC	Fr · 0.75		Fr · K · 0.75		



CARICHI ASSIALI (Fa)

I valori dei carichi assiali indicati in tabella sono riferiti alle versioni e alla direzione di applicazione del carico.

AXIAL LOADS (Fa)

The values of the axial loads in the table refer to the output versions and load direction of application.

CHARGES AXIALES (Fa)

Les valeurs des charges axiales indiquées dans le tableau se réfèrent aux versions et à la direction d'application de la charge.

AXIALLAST (Fa)

Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

Fa [N]	M	CPC	
	40000	40000	←
65000	65000	→	

