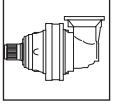


PG 500

	i	Mc [kNm]				n _{1max} [min ⁻¹]	Pt [kW]	Kg				
		n ₂ x h 10.000	n ₂ x h 20.000	n ₂ x h 50.000	n ₂ x h 100.000			M	P	CPC	F	FS
PG 501	3.77	5.77	5.11	4.35	3.85	2800	20	33	42	46	25	35
	4.12	5.26	4.66	3.97	3.51							
	5.16	4.30	3.81	3.24	2.87							
	6.00	3.77	3.34	2.84	2.52							
	7.25	2.95	2.61	2.22	1.97							
PG 502	13.4	5.77	5.11	4.35	3.85	2800	15	41	50	54	32	43
	16.1	5.77	5.11	4.35	3.85							
	18.3	4.30	3.81	3.24	2.87							
	23.1	5.26	4.66	3.97	3.51							
	28.9	4.30	3.81	3.24	2.87							
	34.8	4.30	3.81	3.24	2.87							
	40.5	3.77	3.34	2.84	2.52							
	48.9	2.95	2.61	2.22	1.97							
PG 503	52.1	5.26	4.66	3.97	3.51	2800	10	47	56	60	38	49
	57.5	5.77	5.11	4.35	3.85							
	62.8	5.26	4.66	3.97	3.51							
	75.2	5.77	5.11	4.35	3.85							
	82.1	5.26	4.66	3.97	3.51							
	90.6	5.77	5.11	4.35	3.85							
	98.9	5.26	4.66	3.97	3.51							
	119.3	5.26	4.66	3.97	3.51							
	129.3	5.26	4.66	3.97	3.51							
	149.4	4.30	3.81	3.24	2.87							
	155.9	5.26	4.66	3.97	3.51							
	162.0	4.30	3.81	3.24	2.87							
	173.5	3.77	3.34	2.84	2.52							
	195.2	4.30	3.81	3.24	2.87							
	235.4	4.30	3.81	3.24	2.87							
	273.3	3.77	3.34	2.84	2.52							
	302.2	4.30	3.81	3.24	2.87							
	330.3	2.95	2.61	2.22	1.97							
PG 504	351.9	5.26	4.66	3.97	3.51	2800	6	53	62	66	44	55
	365.7	4.30	3.81	3.24	2.87							
	388.5	5.77	5.11	4.35	3.85							
	413.8	5.77	5.11	4.35	3.85							
	424.2	5.26	4.66	3.97	3.51							
	468.3	5.77	5.11	4.35	3.85							
	511.4	5.26	4.66	3.97	3.51							
	554.3	5.26	4.66	3.97	3.51							
	611.9	5.77	5.11	4.35	3.85							
	668.2	5.26	4.66	3.97	3.51							
	737.6	5.77	5.11	4.35	3.85							
	805.4	5.26	4.66	3.97	3.51							
	857.9	5.26	4.66	3.97	3.51							
	907.3	4.30	3.81	3.24	2.87							
	1052.4	5.26	4.66	3.97	3.51							
	1121.1	5.26	4.66	3.97	3.51							
	1318.2	4.30	3.81	3.24	2.87							
	1588.9	4.30	3.81	3.24	2.87							
1845.2	3.77	3.34	2.84	2.52								

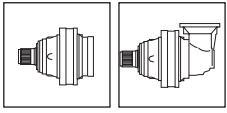
PG 500



	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 502	13.0	5.77	5.11	4.35	3.85	2800	15	51	60	64	43	53
	14.2	5.26	4.66	3.97	3.51							
	17.8	4.30	3.81	3.24	2.87							
	20.5	5.77	5.11	4.35	3.85							
	22.4	5.26	4.66	3.97	3.51							
	28.1	4.30	3.81	3.24	2.87							
	32.6	3.77	3.34	2.84	2.52							
	39.7	2.95	2.61	2.22	1.97							
PGA 503	39.3	5.77	5.11	4.35	3.85	2800	10	59	68	72	50	61
	47.4	5.77	5.11	4.35	3.85							
	53.8	4.30	3.81	3.24	2.87							
	67.7	5.26	4.66	3.97	3.51							
	75.4	3.77	3.34	2.84	2.52							
	84.8	4.30	3.81	3.24	2.87							
	91.1	2.95	2.61	2.22	1.97							
	102.2	4.30	3.81	3.24	2.87							
	118.7	3.77	3.34	2.84	2.52							
	143.5	2.95	2.61	2.22	1.97							
PGA 504	140.0	5.77	5.11	4.35	3.85	2800	6	65	74	78	56	67
	168.8	5.77	5.11	4.35	3.85							
	184.3	5.26	4.66	3.97	3.51							
	220.6	5.77	5.11	4.35	3.85							
	240.9	5.26	4.66	3.97	3.51							
	265.9	5.77	5.11	4.35	3.85							
	290.3	5.26	4.66	3.97	3.51							
	320.5	5.77	5.11	4.35	3.85							
	350.0	5.26	4.66	3.97	3.51							
	422.3	3.77	3.34	2.84	2.52							
	449.4	5.26	4.66	3.97	3.51							
	475.2	4.30	3.81	3.24	2.87							
	509.1	3.77	3.34	2.84	2.52							
	551.9	3.77	3.34	2.84	2.52							
	615.2	2.95	2.61	2.22	1.97							
	665.2	3.77	3.34	2.84	2.52							
	735.5	4.30	3.81	3.24	2.87							
	801.8	3.77	3.34	2.84	2.52							
	1244.0	2.95	2.61	2.22	1.97							

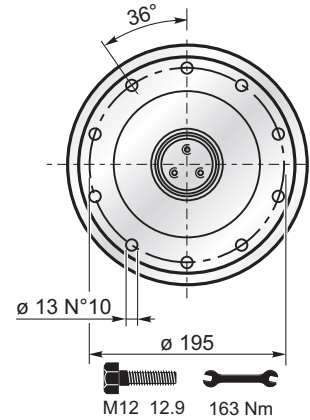
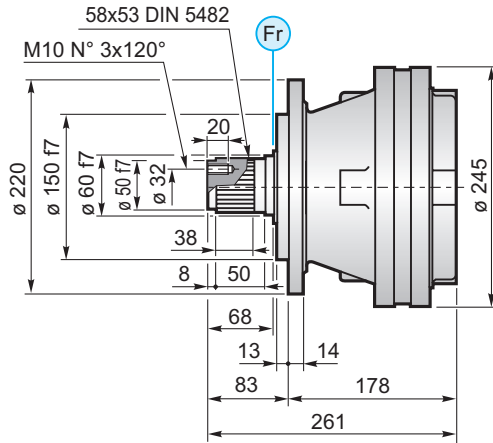
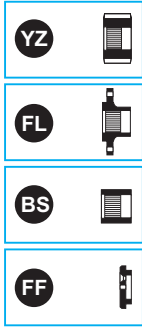


(n₂ x h = 20.000)
 $M_{max} = M_c \times 2$

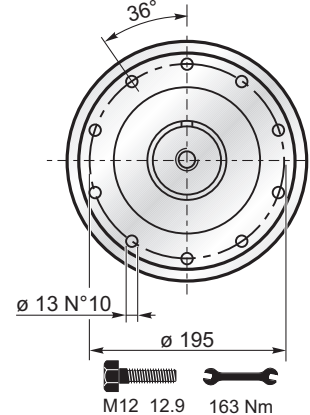
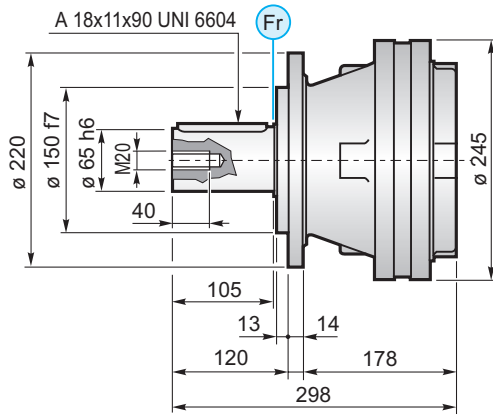


PG 500

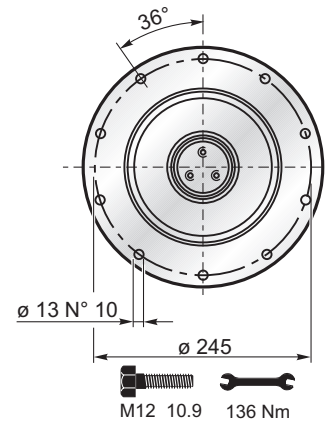
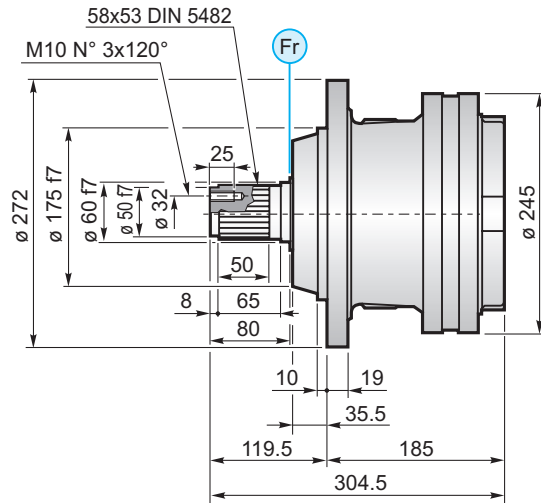
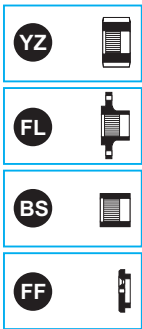
MS



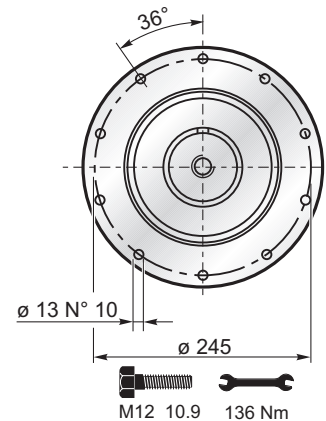
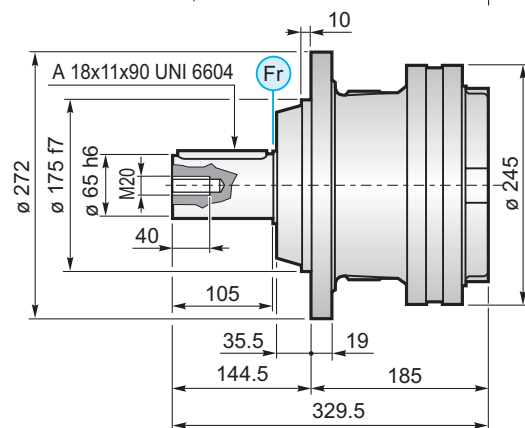
MC



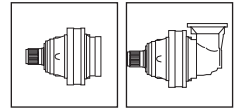
PS



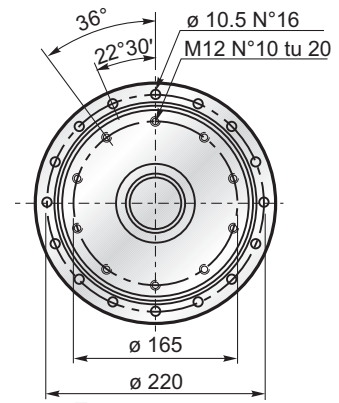
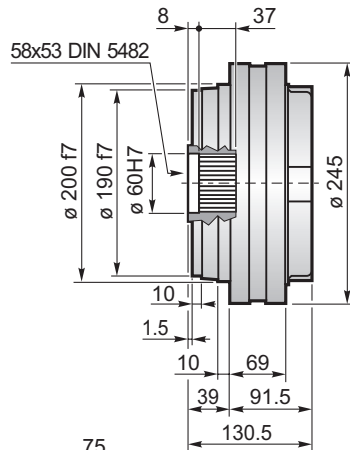
PC



PG 500

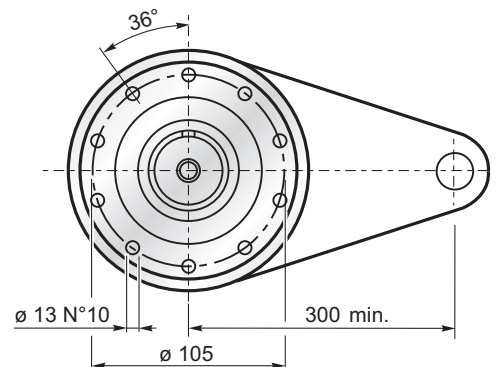
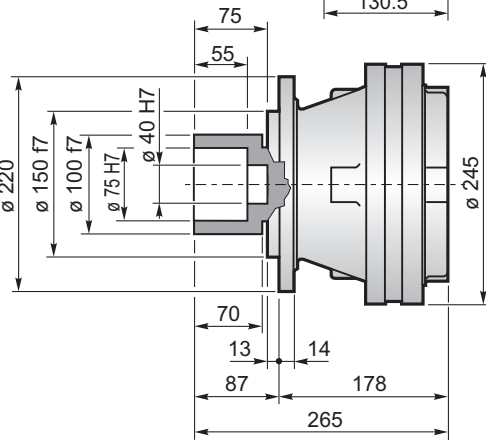


F

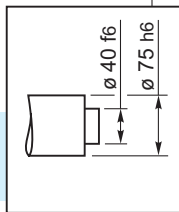


M12 12.9 163 Nm

FS



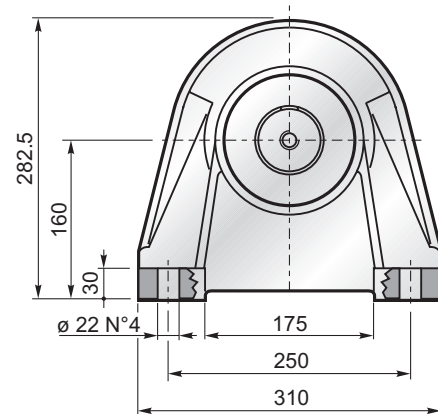
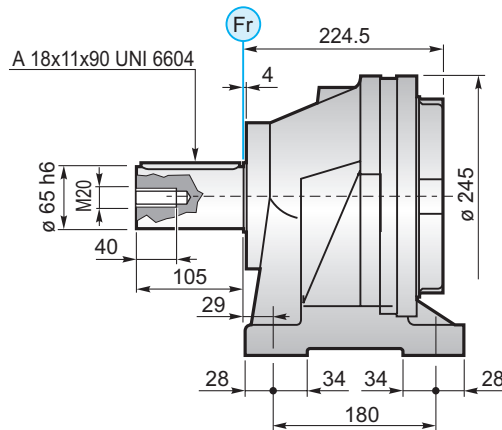
M12 12.9 163 Nm



$M_{max} = 7.5 \text{ kNm}$

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 fournis par SOM
 Das dargestellte, maximale Drehmoment gilt nur mit von SOM gelieferter Schrumpfscheibe

CPC

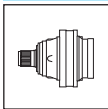


M20 12.9 770 Nm

FL YZ BS FF KB GA

72

SOM



PG 500

PG	...MS					
	A	B	RA	RB	EF	EDF
PG 501	178	261	•	o	•	
PG 502	239	322	•			•
PG 503	287	370	•			•
PG 504	335	418	•			•

PG	...MC					
	A	B	RA	RB	EF	EDF
PG 501	178	298	•	o	•	
PG 502	239	359	•			•
PG 503	287	407	•			•
PG 504	335	455	•			•

PG	...PS					
	A	B	RA	RB	EF	EDF
PG 501	185	304.5	•	o	•	
PG 502	246	365.5	•			•
PG 503	294	413.5	•			•
PG 504	342	461.5	•			•

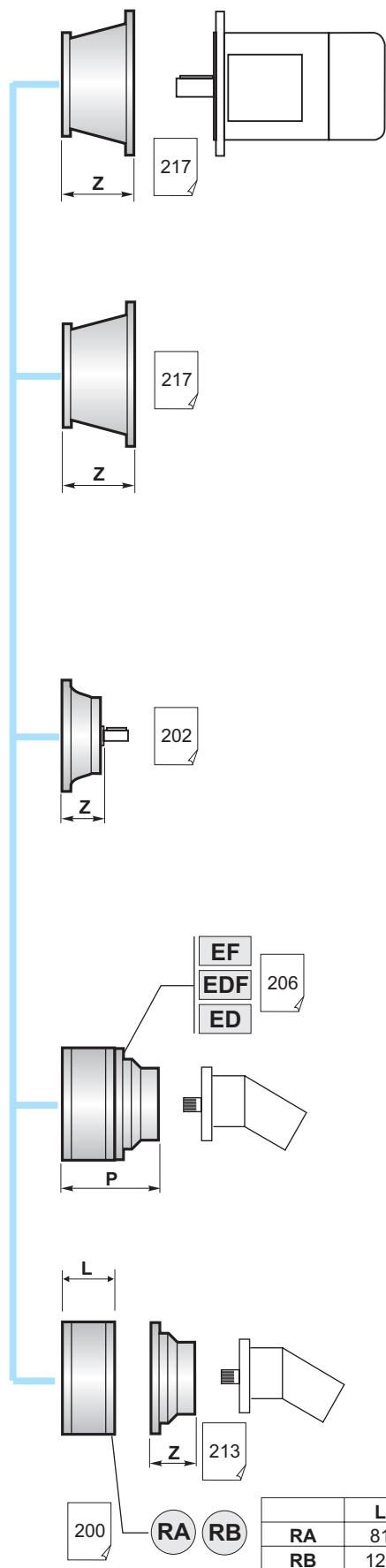
PG	...PC					
	A	B	RA	RB	EF	EDF
PG 501	185	329.5	•	o	•	
PG 502	246	390.5	•			•
PG 503	294	438.5	•			•
PG 504	342	486.5	•			•

PG	...F					
	A	B	RA	RB	EF	EDF
PG 501	91.5	130.5	•	o	•	
PG 502	152.5	191.5	•			•
PG 503	200.5	239.5	•			•
PG 504	248.5	287.5	•			•

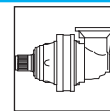
PG	...FS					
	A	B	RA	RB	EF	EDF
PG 501	178	265	•	o	•	
PG 502	239.5	326	•			•
PG 503	287	374	•			•
PG 504	335	422	•			•

PG	...CPC					
	A	B	RA	RB	EF	EDF
PG 501	224.5	329.5	•	o	•	
PG 502	285.5	390.5	•			•
PG 503	333.5	438.5	•			•
PG 504	381.5	486.5	•			•

⚠	A+13.5	B+13.5	o
---	--------	--------	---



PG 500



	PGA ...MS				
	A	B	RA	RB	EF
PGA 502	279.5	240	•	•	•
PGA 503	314	159	•	•	•
PGA 504	362	159	•	•	•

	PGA ...MC				
	A	B	RA	RB	EF
PGA 502	279.5	240	•	•	•
PGA 503	314	159	•	•	•
PGA 504	362	159	•	•	•

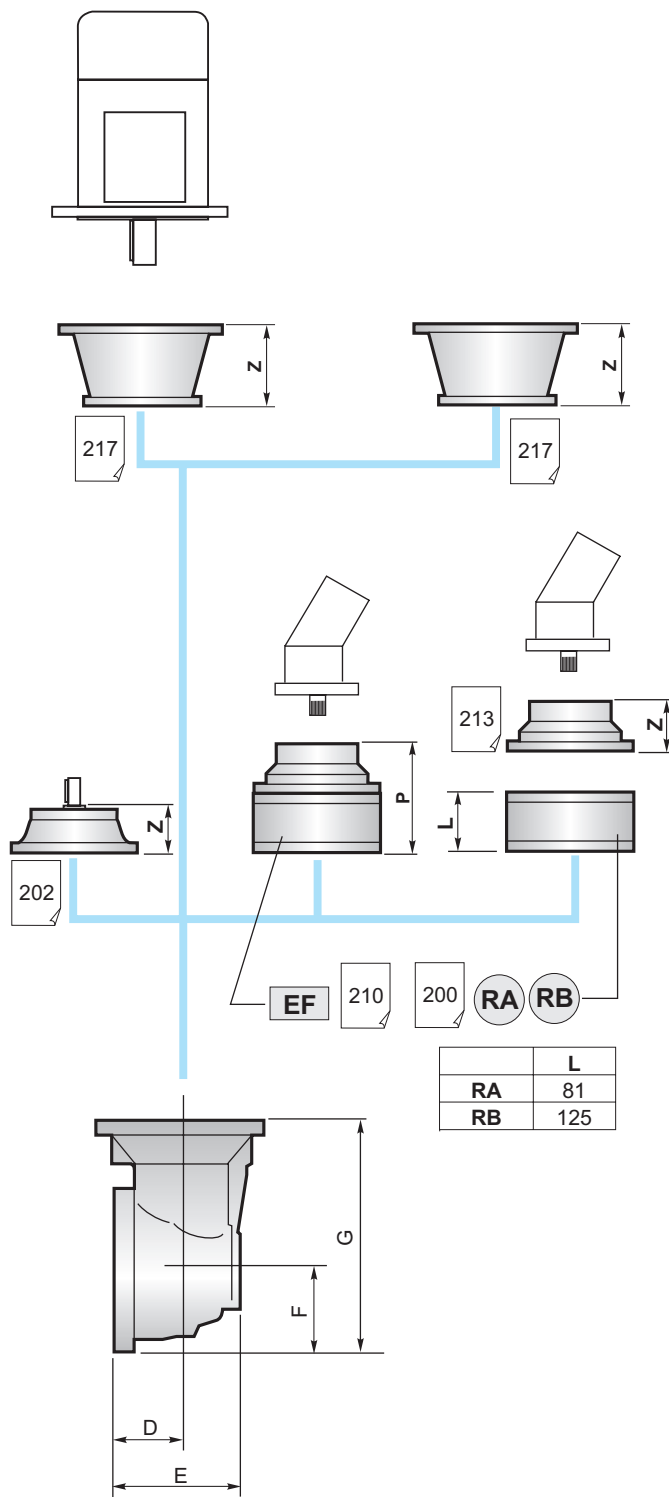
	PGA ...PS				
	A	B	RA	RB	EF
PGA 502	286.5	240	•	•	•
PGA 503	321	159	•	•	•
PGA 504	369	159	•	•	•

	PGA ...PC				
	A	B	RA	RB	EF
PGA 502	286.5	240	•	•	•
PGA 503	321	159	•	•	•
PGA 504	369	159	•	•	•

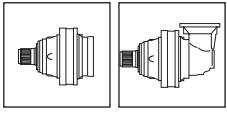
	PGA ...F				
	A	B	RA	RB	EF
PGA 502	193	240	•	•	•
PGA 503	227.5	159	•	•	•
PGA 504	275.5	159	•	•	•

	PGA ...FS				
	A	B	RA	RB	EF
PGA 502	279.5	240	•	•	•
PGA 503	314	159	•	•	•
PGA 504	362	159	•	•	•

	PGA ...CPC				
	A	B	RA	RB	EF
PGA 502	326	240	•	•	•
PGA 503	360.5	159	•	•	•
PGA 504	408.5	159	•	•	•

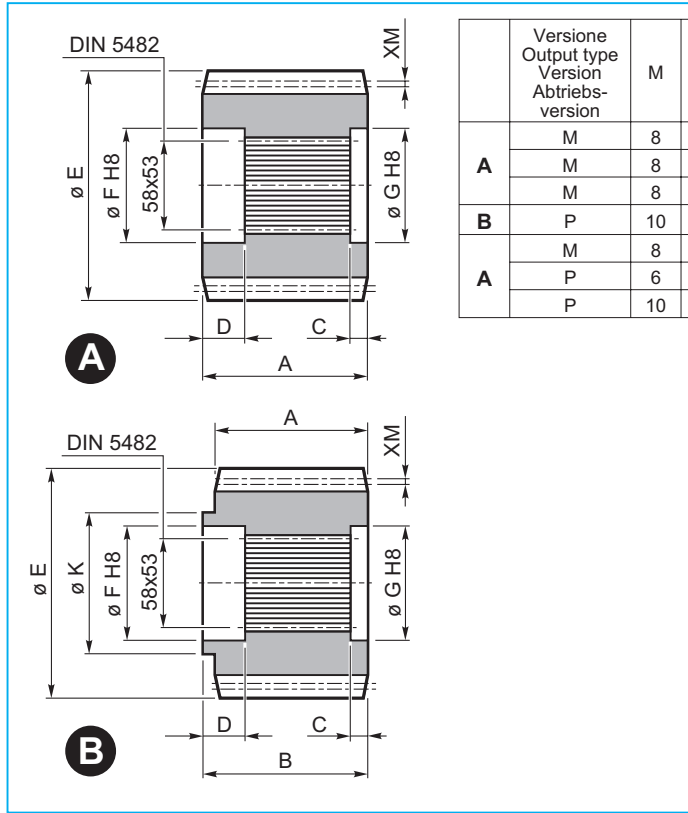


	D	E	F	G
PGA 502	88	164	140	380
PGA 503	75	141.5	93	252
PGA 504	75	141.5	93	252

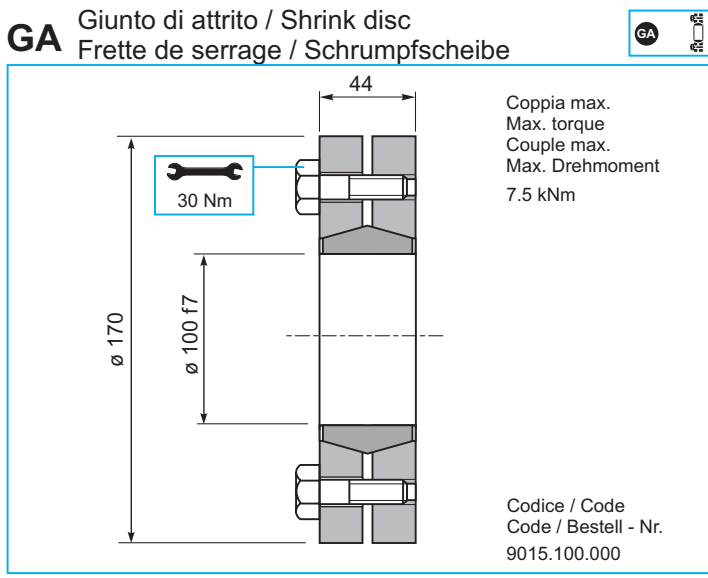
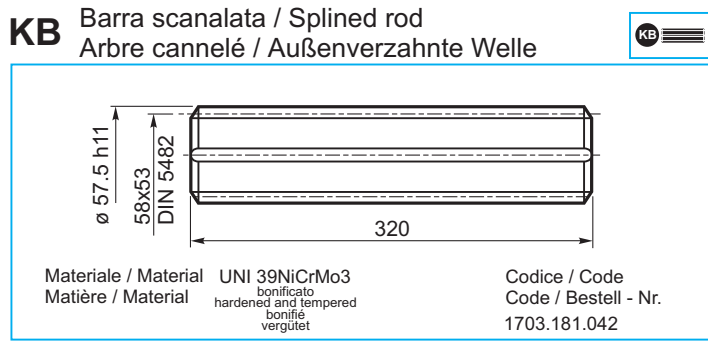
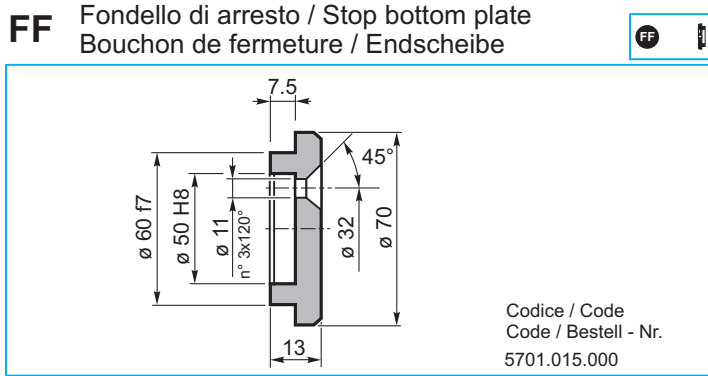
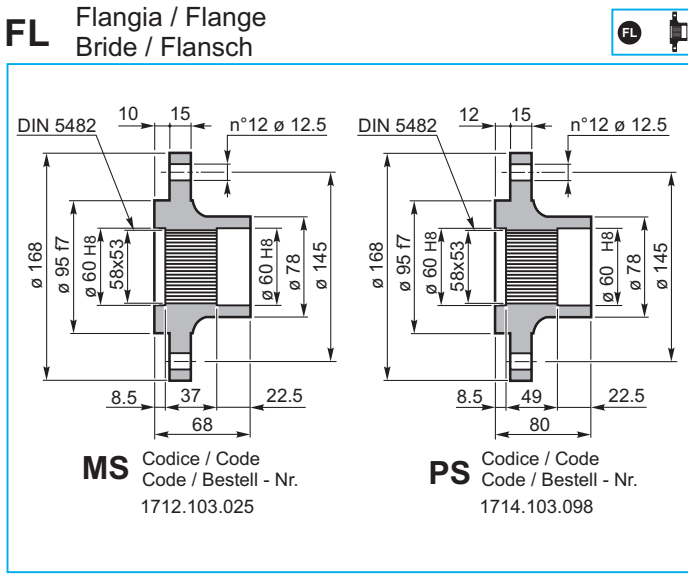
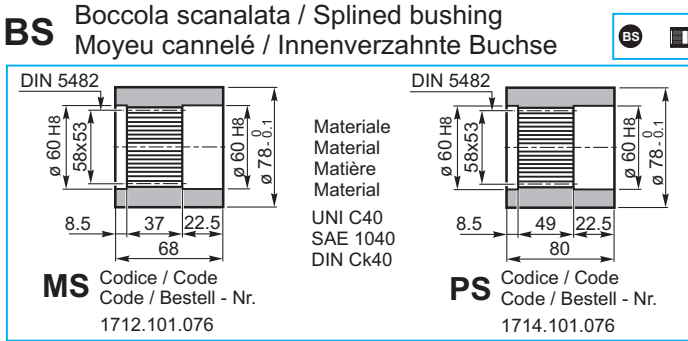


PG 500

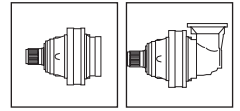
YZ Pignoni / Pinion Pignon / Ritzel



	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	8	13	0	68	—	8.5	22.5	120	60	60	—	18NiCrMo5	1701.218.042
	M	8	11	5	68	—	8.5	22.5	110.8	60	60	—	38NiCrMo4	1701.258.042
	M	8	12	0	68	—	8	21	112.8	60	60	—	38NiCrMo4	1701.196.042
B	P	10	14	3.2	103	116	9.5	22.5	162.4	60	60	105	18NiCrMo5	1701.298.042
A	M	8	15	0	68	—	8.5	22.5	136	60	60	—	38NiCrMo4	1701.298.042
	P	6	14	3	95	—	23	21	99.6	60	60	—	38NiCrMo4	1701.160.042
	P	10	11	8	90	—	8.5	22.5	142.1	60	60	—	18NiCrMo5	1701.297.042



PG 500



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)

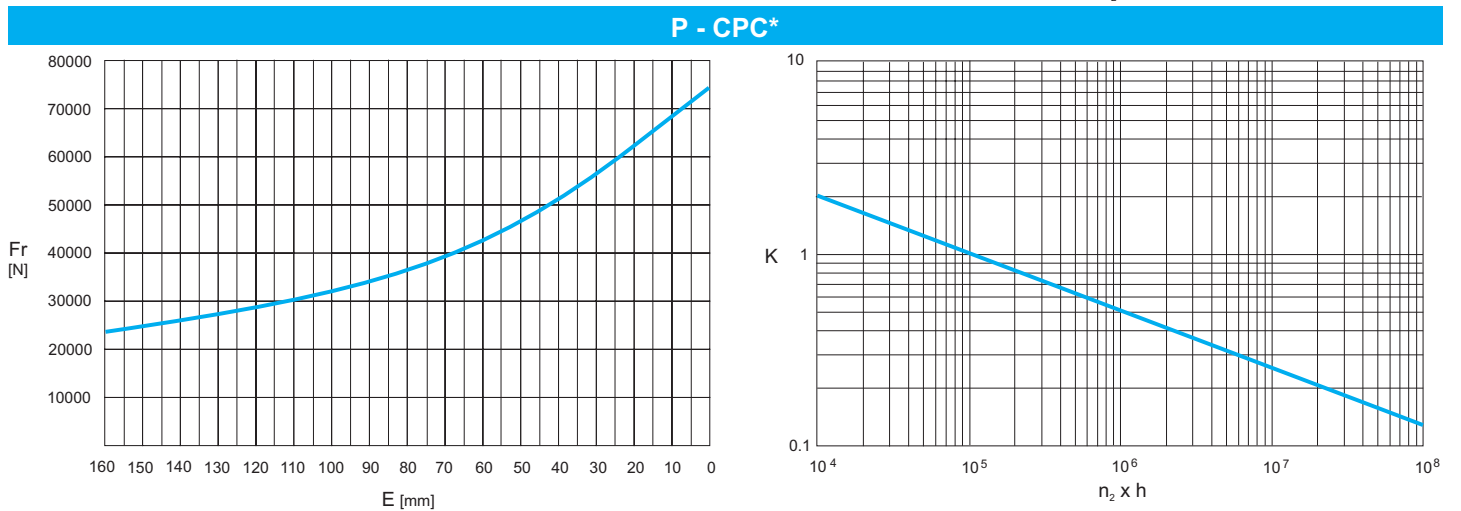
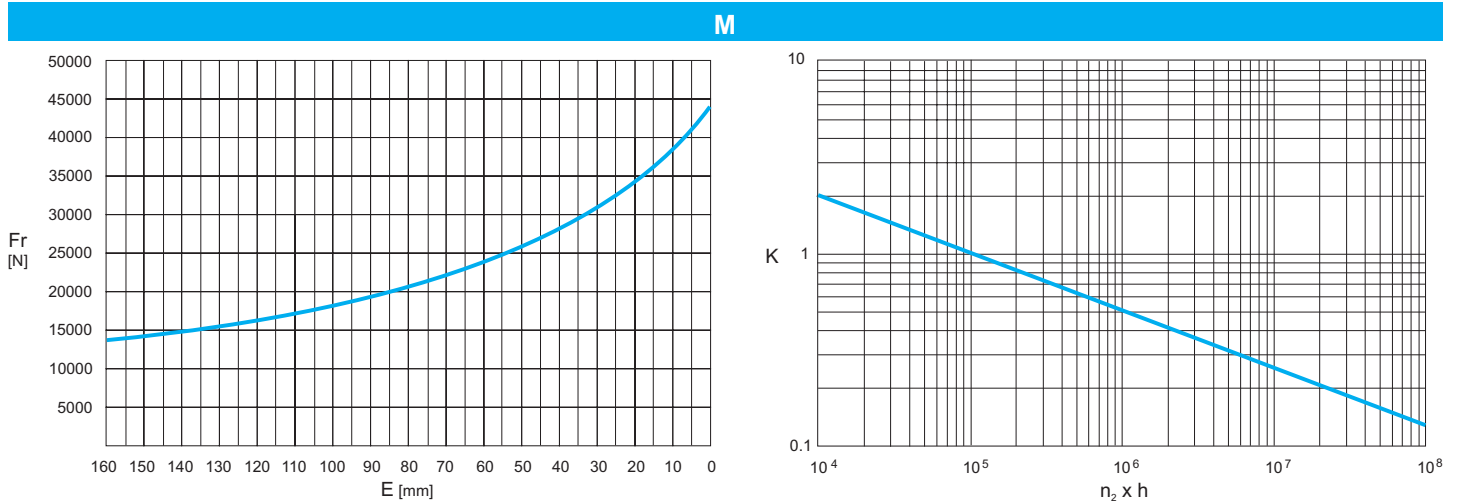
The following curves show the radial loads and the K factors to obtain the required $n_2 \cdot xh$ value.

CHARGES RADIALES (Fr)

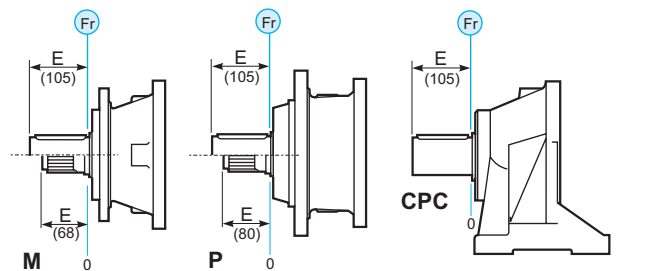
Dans les diagrammes suivants sont indiqués les charges radiales et les facteurs K de façon à obtenir la valeur $n_2 \cdot xh$ désirée.

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.



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



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	P - CPC	← →
		32000	
	32000	48000	

