

Part number:

HYDROMA

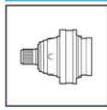
HYDRAULICKÉ SYSTÉMY

**HIDROMA
SISTEMS**

UKŁADY HYDRAULICZNE

HYDROMA

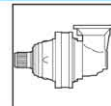
ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ



PG 250

	i	Mc [kNm]				n1max [min ⁻¹]	Pt [kW]	Kg				
		n2 x h	n2 x h	n2 x h	n2 x h			M	P	CPC	F	FS
		10.000	20.000	50.000	100.000							
PG 251	3.77	3.98	3.52	3.00	2.65	2800	20	29	38	42	20	31
	4.12	3.60	3.19	2.71	2.40							
	5.16	3.01	2.66	2.26	2.00							
	6.00	2.52	2.23	1.90	1.68							
	7.25	1.95	1.73	1.47	1.30							
PG 252	13.4	3.98	3.52	3.00	2.65	2800	12	35	44	48	27	37
	16.1	3.98	3.52	3.00	2.65							
	18.3	3.01	2.66	2.26	2.00							
	23.1	3.60	3.19	2.71	2.40							
	28.9	3.01	2.66	2.26	2.00							
	34.8	3.01	2.66	2.26	2.00							
	40.5	2.52	2.23	1.90	1.68							
	48.9	1.95	1.73	1.47	1.30							
	62.8	1.95	1.73	1.47	1.30							
PG 253	52.1	3.60	3.19	2.71	2.40	2800	8	41	50	54	32	43
	57.5	3.98	3.52	3.00	2.65							
	62.8	3.60	3.19	2.71	2.40							
	75.2	3.98	3.52	3.00	2.65							
	82.1	3.60	3.19	2.71	2.40							
	90.6	3.98	3.52	3.00	2.65							
	98.9	3.60	3.19	2.71	2.40							
	119.3	3.60	3.19	2.71	2.40							
	129.3	3.60	3.19	2.71	2.40							
	149.4	3.01	2.66	2.26	2.00							
	155.9	3.60	3.19	2.71	2.40							
	162.0	3.01	2.66	2.26	2.00							
	173.5	2.52	2.23	1.90	1.68							
	195.2	3.01	2.66	2.26	2.00							
	235.4	3.01	2.66	2.26	2.00							
	273.3	2.52	2.23	1.90	1.68							
	302.2	3.01	2.66	2.26	2.00							
	330.3	1.95	1.73	1.47	1.30							
	424.1	1.95	1.73	1.47	1.30							
PG 254	351.9	3.60	3.19	2.71	2.40	2800	4	47	56	60	38	49
	365.7	3.01	2.66	2.26	2.00							
	388.5	3.98	3.52	3.00	2.65							
	413.8	3.98	3.52	3.00	2.65							
	424.2	3.60	3.19	2.71	2.40							
	468.3	3.98	3.52	3.00	2.65							
	511.4	3.60	3.19	2.71	2.40							
	554.3	3.60	3.19	2.71	2.40							
	611.9	3.98	3.52	3.00	2.65							
	668.2	3.60	3.19	2.71	2.40							
	737.6	3.98	3.52	3.00	2.65							
	805.4	3.60	3.19	2.71	2.40							
	857.9	3.60	3.19	2.71	2.40							
	907.3	3.01	2.66	2.26	2.00							
	1052.4	3.60	3.19	2.71	2.40							
	1121.1	3.60	3.19	2.71	2.40							
	1318.2	3.01	2.66	2.26	2.00							
	1588.9	3.01	2.66	2.26	2.00							
	1845.2	2.52	2.23	1.90	1.68							
	2369.2	2.52	2.23	1.90	1.68							

PG 250

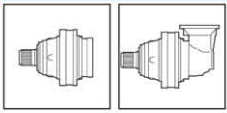


	i	Mc [kNm]				n1max [min ⁻¹]	Pt [kW]	Kg				
		n ₂ x h	n ₂ x h	n ₂ x h	n ₂ x h			M	P	CPC	F	FS
		10.000	20.000	50.000	100.000							
PGA 252	12.0	3.60	3.19	2.71	2.40	2800	12	47	56	60	35	49
	15.1	3.01	2.66	2.26	2.00							
	17.5	2.52	2.23	1.90	1.68							
	21.2	1.95	1.73	1.47	1.30							
PGA 253	39.3	3.98	3.52	3.00	2.65	2800	8	53	62	66	45	55
	47.4	3.98	3.52	3.00	2.65							
	53.8	3.01	2.66	2.26	2.00							
	67.7	3.60	3.19	2.71	2.40							
	75.4	2.52	2.23	1.90	1.68							
	84.8	3.01	2.66	2.26	2.00							
	91.1	1.95	1.73	1.47	1.30							
	102.2	3.01	2.66	2.26	2.00							
	118.7	2.52	2.23	1.90	1.68							
	143.5	1.95	1.73	1.47	1.30							
	PGA 254	140.0	3.98	3.52	3.00							
168.8		3.98	3.52	3.00	2.65							
184.3		3.60	3.19	2.71	2.40							
220.6		3.98	3.52	3.00	2.65							
240.9		3.60	3.19	3.71	2.40							
265.9		3.98	3.52	3.00	2.65							
290.3		3.60	3.19	2.71	2.40							
320.5		3.98	3.52	3.00	2.65							
350.0		3.60	3.19	2.71	2.40							
422.3		2.52	2.23	1.90	1.68							
449.4		3.60	3.19	2.71	2.40							
475.2		3.01	2.66	2.26	2.00							
509.1		2.52	2.23	1.90	1.68							
551.9		2.52	2.23	1.90	1.68							
615.2		1.95	1.73	1.47	1.30							
665.2		2.52	2.23	1.90	1.68							
735.5		3.01	2.66	2.26	2.00							
801.8		2.52	2.23	1.90	1.68							
1244.0		1.95	1.73	1.47	1.30							



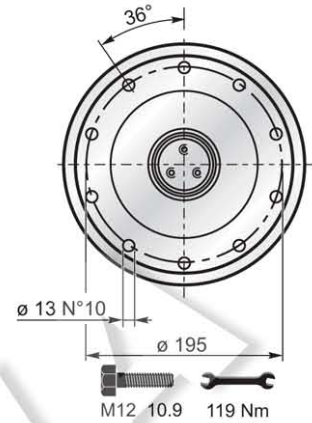
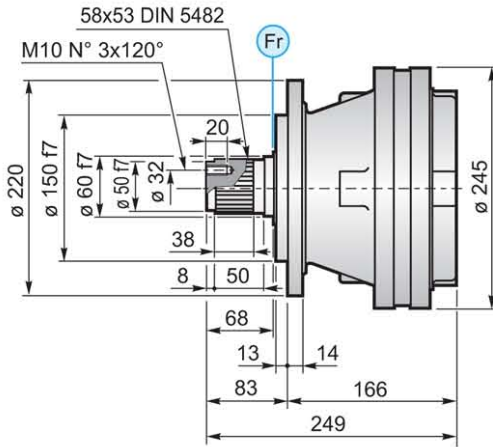
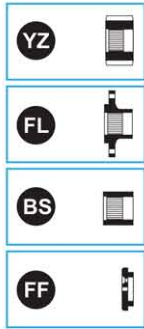
(n₂ x h = 20.000)

$$M_{\max} = M_c \times 2$$

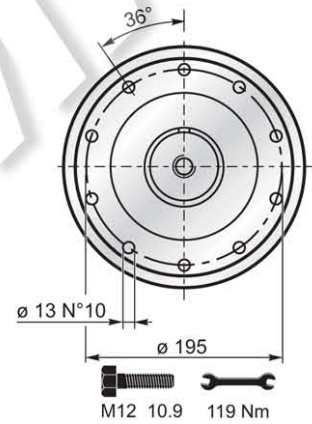
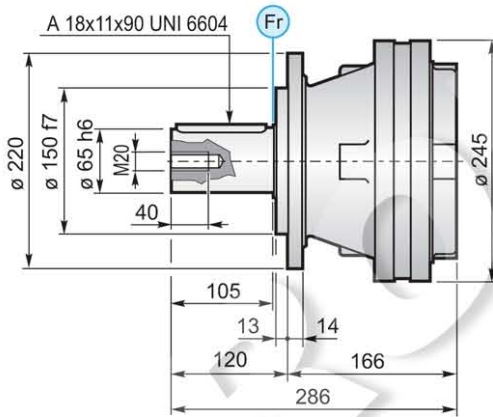


PG 250

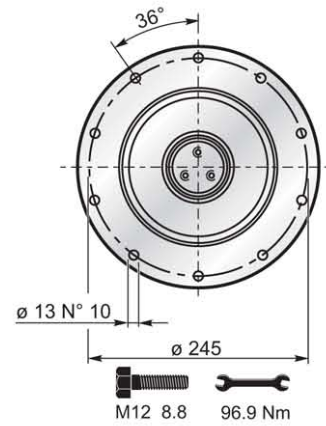
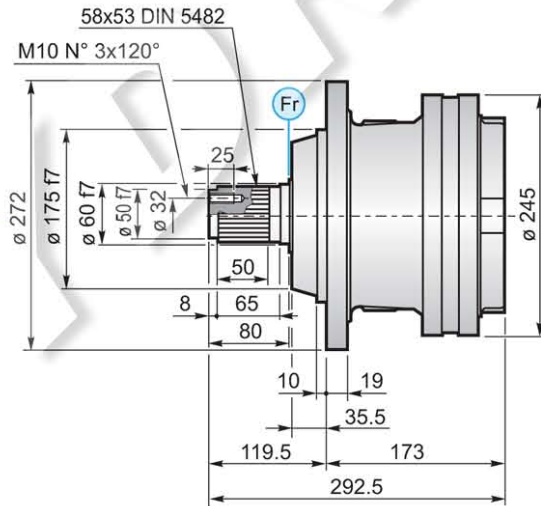
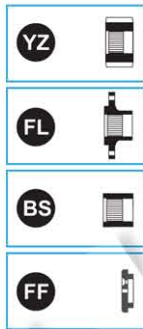
MS



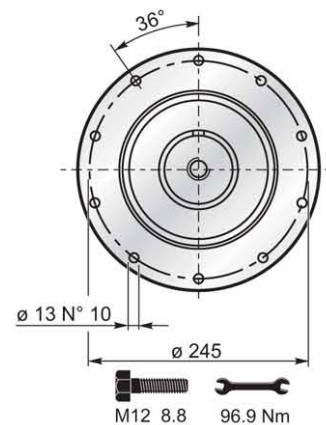
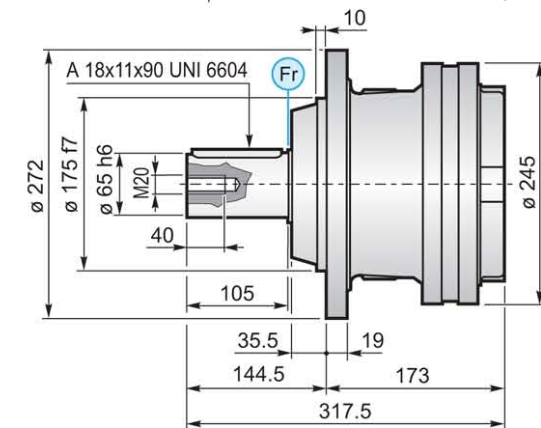
MC



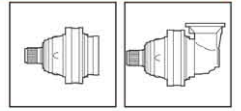
PS



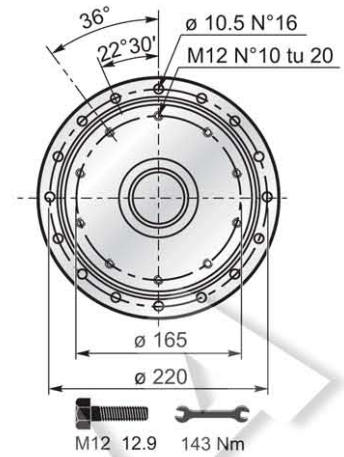
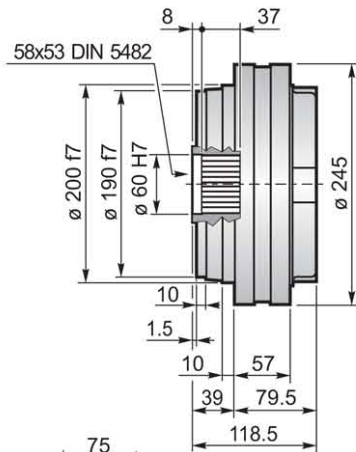
PC



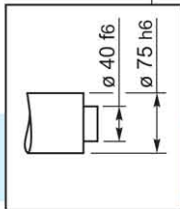
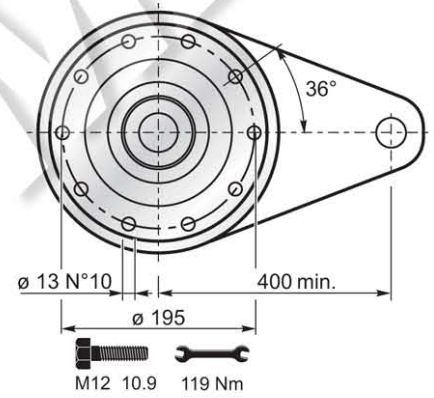
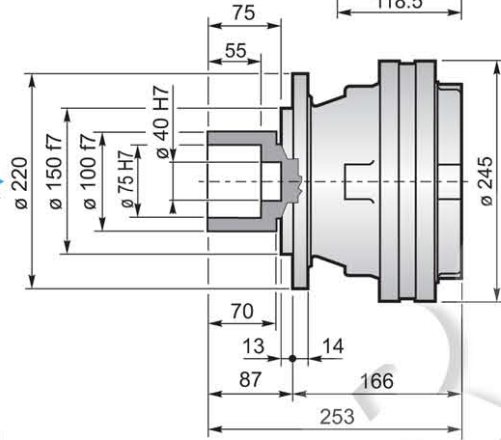
PG 250



F



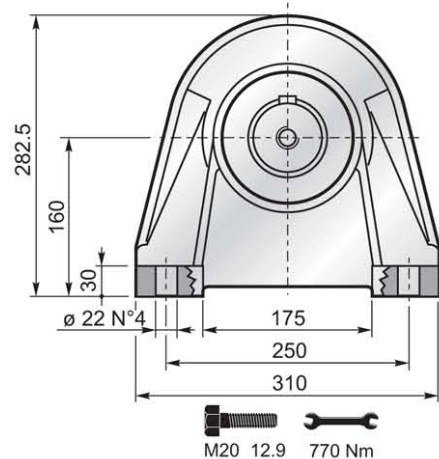
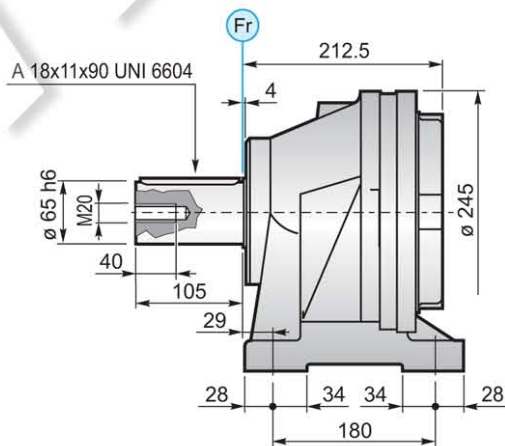
FS

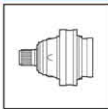


$M_{max} = 7.5 \text{ kNm}$

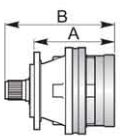
La coppia massima indicata è valida solo con calettatori forniti da SOM
 The maximum torque indicated is valid only with shrink discs supplied by SOM
 Le couple maximal indiqué n'est valable qu'avec les frettes de serrage fournis par SOM
 Das dargestellte, maximale Drehmoment gilt nur mit von SOM gelieferter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

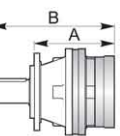
CPC

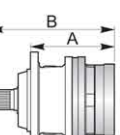


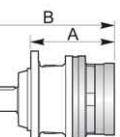


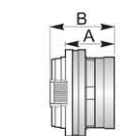
PG 250

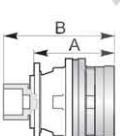
	PG		...MS			
	A	B	RA	RB	EF	EDF
	PG 251	166	249	•	o	•
	PG 252	214	297	•		•
	PG 253	262	345	•		•
	PG 254	310	393	•		•

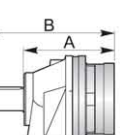
	PG		...MC			
	A	B	RA	RB	EF	EDF
	PG 251	166	286	•	o	•
	PG 252	214	334	•		•
	PG 253	262	382	•		•
	PG 254	310	430	•		•


	PG		...PS			
	A	B	RA	RB	EF	EDF
	PG 251	173	292.5	•	o	•
	PG 252	221	340.5	•		•
	PG 253	269	388.5	•		•
	PG 254	317	436.5	•		•

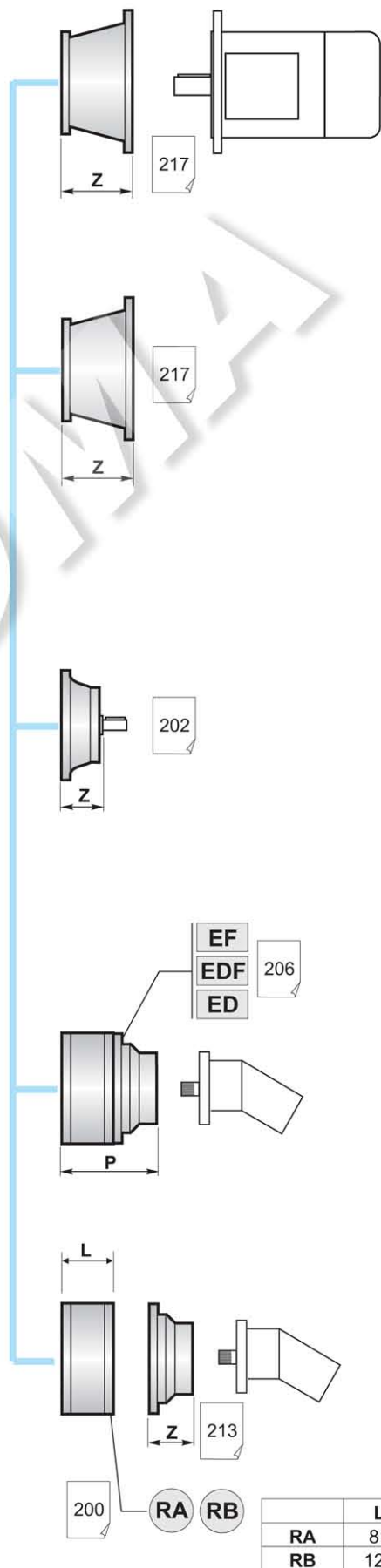
	PG		...PC			
	A	B	RA	RB	EF	EDF
	PG 251	173	317.5	•	o	•
	PG 252	221	365.5	•		•
	PG 253	269	413.5	•		•
	PG 254	317	461.5	•		•

	PG		...F			
	A	B	RA	RB	EF	EDF
	PG 251	79.5	118.5	•	o	•
	PG 252	127.5	166.5	•		•
	PG 253	175.5	214.5	•		•
	PG 254	223.5	262.5	•		•

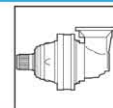
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	A	B	RA	RB	EF	EDF
	PG 251	166	253	•	o	•
	PG 252	214	301	•		•
	PG 253	262	349	•		•
	PG 254	310	397	•		•

	PG		...CPC			
	A	B	RA	RB	EF	EDF
	PG 251	212.5	317.5	•	o	•
	PG 252	260.5	365.5	•		•
	PG 253	308.5	413.5	•		•
	PG 254	356.5	461.5	•		•

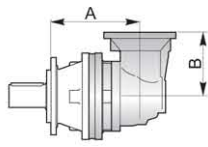
 A+13.5 B+13.5 o

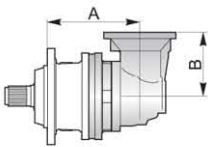


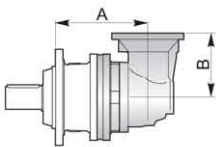
PG 250

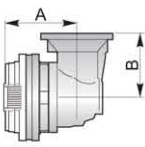


	PGA		...MS		
	A	B	RA	RB	EF
PGA 252	241	159	•		•
PGA 253	289	159	•		•
PGA 254	337	159	•		•

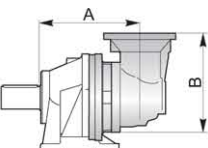
	PGA		...MC		
	A	B	RA	RB	EF
PGA 252	241	159	•		•
PGA 253	289	159	•		•
PGA 254	337	159	•		•

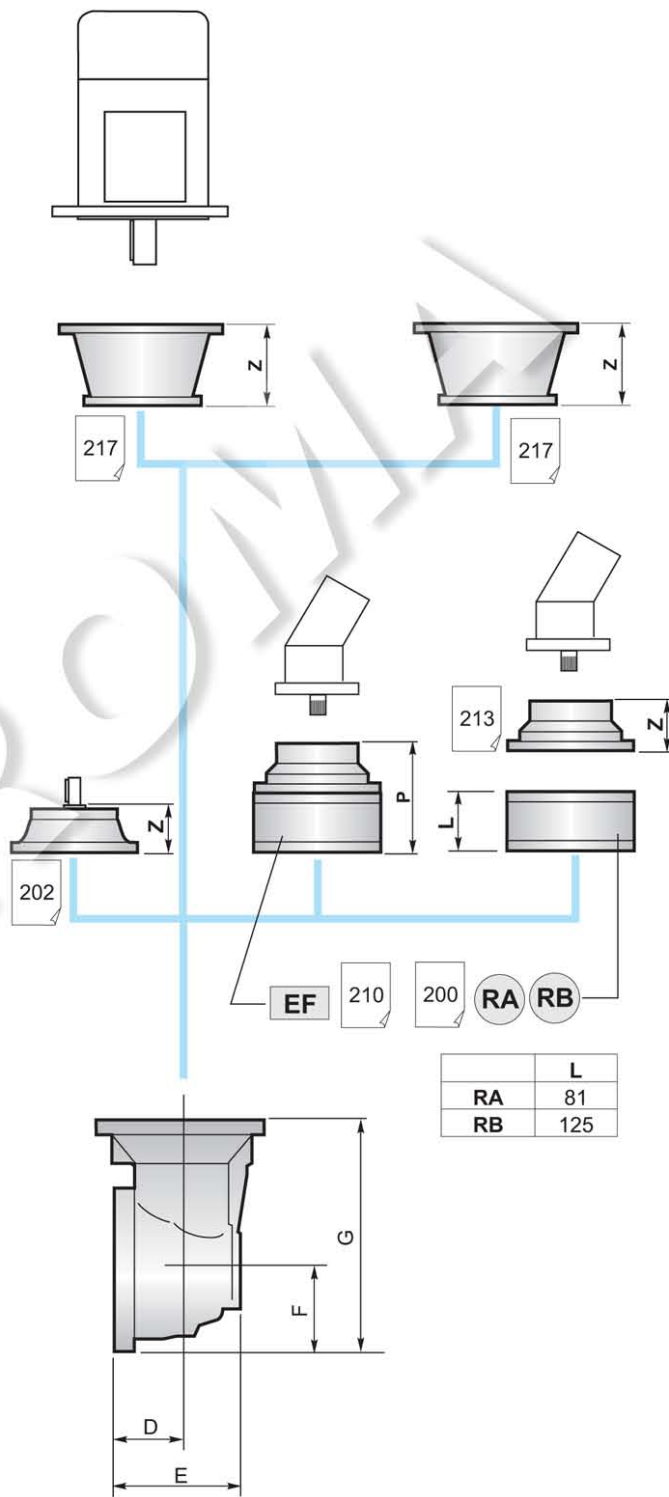
	PGA		...PS		
	A	B	RA	RB	EF
PGA 252	248	159	•		•
PGA 253	296	159	•		•
PGA 254	344	159	•		•

	PGA		...PC		
	A	B	RA	RB	EF
PGA 252	248	159	•		•
PGA 253	296	159	•		•
PGA 254	344	159	•		•

	PGA		...F		
	A	B	RA	RB	EF
PGA 252	192	159	•		•
PGA 253	240	159	•		•
PGA 254	288	159	•		•

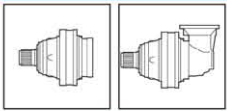
	PGA		...FS		
	A	B	RA	RB	EF
PGA 252	241	159	•		•
PGA 253	289	159	•		•
PGA 254	337	159	•		•

	PGA		...CPC		
	A	B	RA	RB	EF
PGA 252	287.5	159	•		•
PGA 253	335.5	159	•		•
PGA 254	383.5	159	•		•



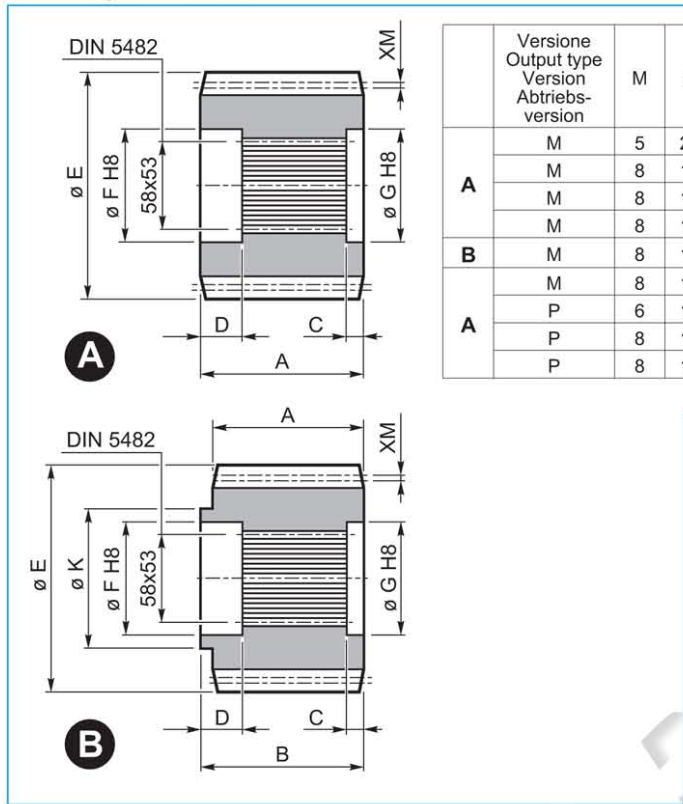
	L
RA	81
RB	125

	D	E	F	G
PGA 252	75	141.5	93	252
PGA 253	75	141.5	93	252
PGA 254	75	141.5	93	252



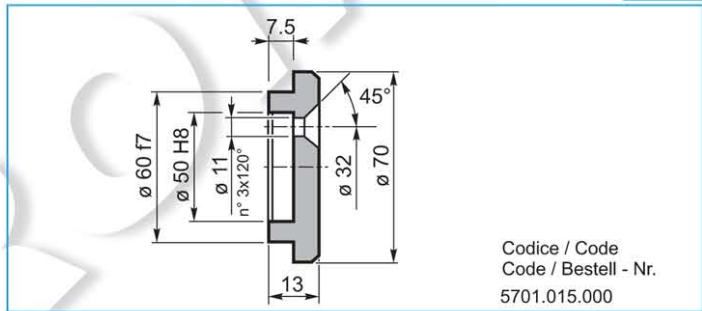
PG 250

YZ Pignoni / Pinion Pignon / Ritzel

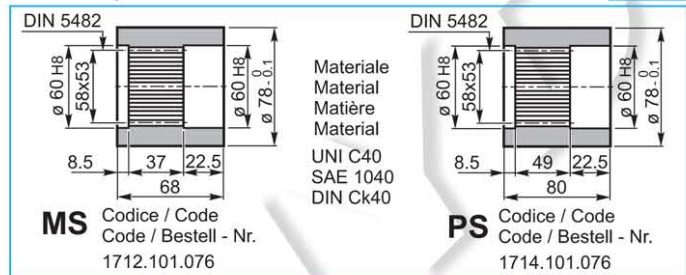


	Versione Output type Version Abtriebs- version	M	Z	XM	A	B	C	D	E	F	G	K	Materiale Material Matière Material	Codice Code Code Bestell - Nr.
A	M	5	20	0	80	—	8.5	22.5	110	60	60	—	38NiCrMo4	1701.198.042
	M	8	11	5	68	—	8.5	22.5	110.8	60	60	—	38NiCrMo4	1701.258.042
	M	8	12	0	68	—	8	21	112.8	60	60	—	38NiCrMo4	1701.196.042
	M	8	14	4	68	—	15.5	22.5	131.2	60	60	—	16CrNi4	1701.264.042
B	M	8	14	4	60	68	8.5	22.5	131.2	60	60	80	16CrNi4	1701.282.042
A	M	8	15	0	68	—	8.5	22.5	136	60	60	—	38NiCrMo4	1701.163.042
	P	6	14	3	95	—	23	21	99.6	60	60	—	38NiCrMo4	1701.160.042
	P	8	12	2.35	80	—	8.5	22.5	116.7	60	60	—	38NiCrMo4	1701.117.042
	P	8	13	0	80	—	8	21	120	60	60	—	18NiCrMo5	1701.215.042

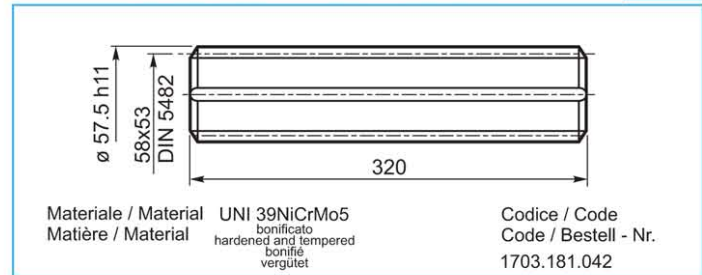
FF Fondello di arresto / Stop bottom plate Bouchon de fermeture / Endscheibe



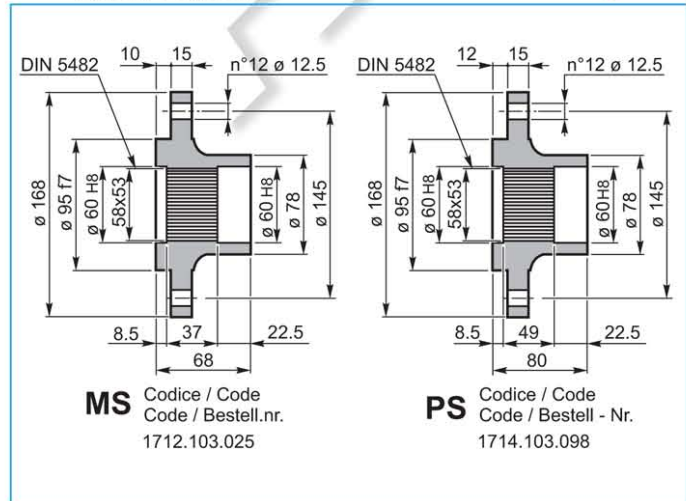
BS Boccola scanalata / Splined bushing Moyeu cannelé / Innenverzahnte Buchse



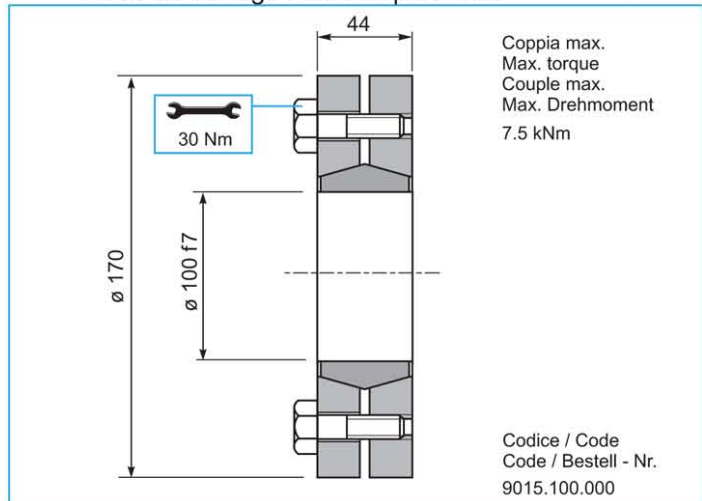
KB Barra scanalata / Splined rod Arbre cannelé / Außenverzahnte Welle



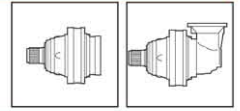
FL Flangia / Flange Bride / Flansch



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



PG 250



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.

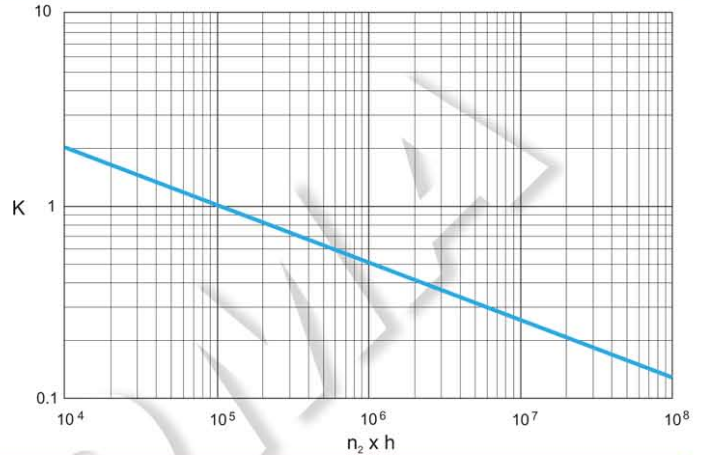
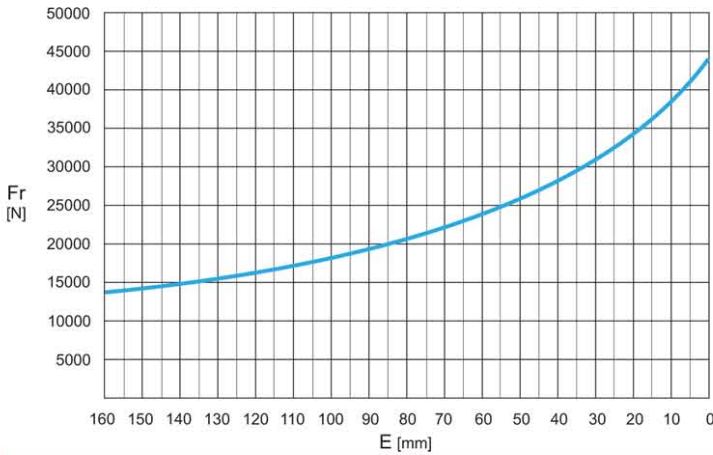
CHARGES RADIALES (Fr)

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

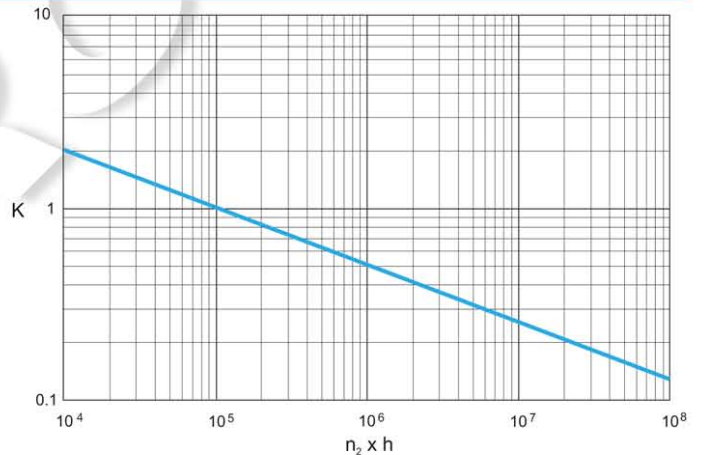
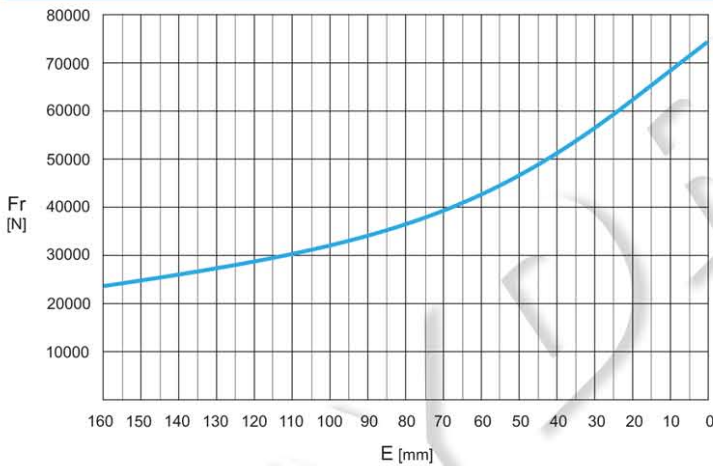
RADIALLAST (Fr)

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

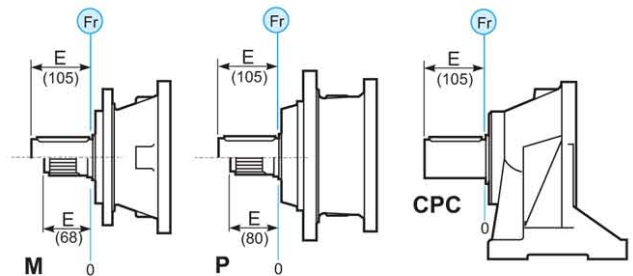
M



P - CPC*



	$n \times h$				
	10^5	10^4	10^6	10^7	10^8
M - P	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	P - CPC	← →
		32000	
	32000	48000	

