



500



	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 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								

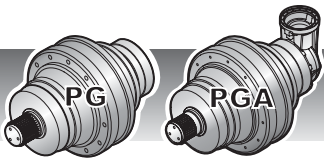


	i	Mc [kNm]				n1max [min ⁻¹]	Pt [kW]	Kg				
		n ₂ x h	n ₂ x h	n ₂ x h	n ₂ x h			M	P	CPC	F	FS
		10.000	20.000	50.000	100.000							
PGA 502	13.0	5.77	5.11	4.35	3.85	2800	15	51	60	64	43	53
	14.2	5.26	4.66	3.97	3.51							
	17.8	4.30	3.81	3.24	2.87							
	20.5	5.77	5.11	4.35	3.85							
	22.4	5.26	4.66	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)

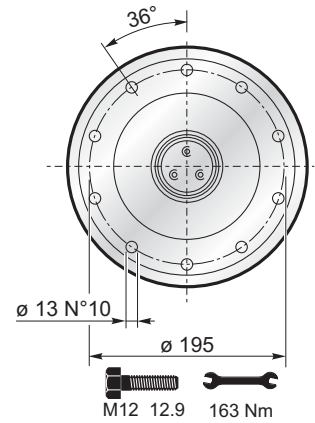
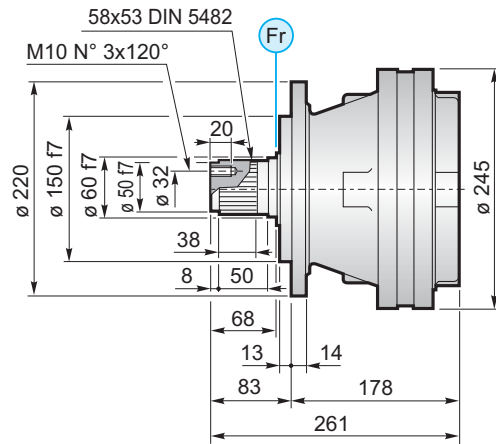
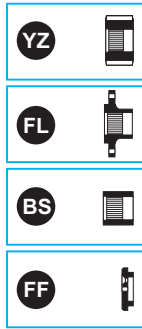
$$M_{max} = M_c \times 2$$



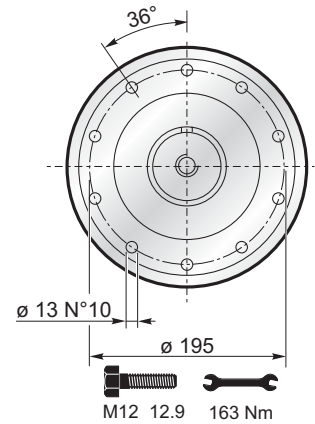
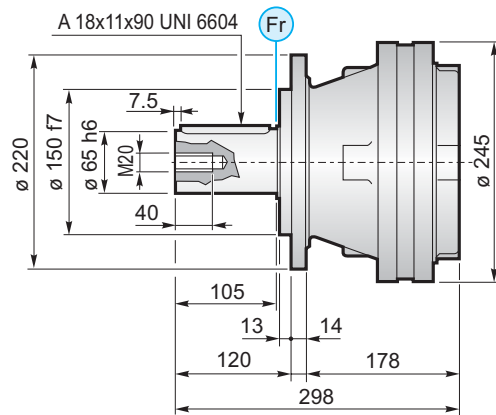
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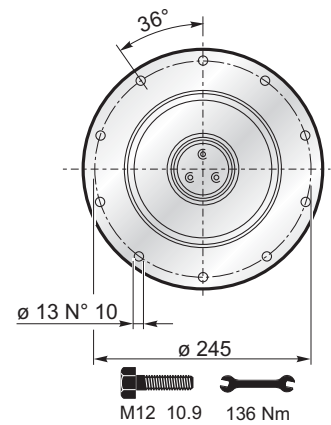
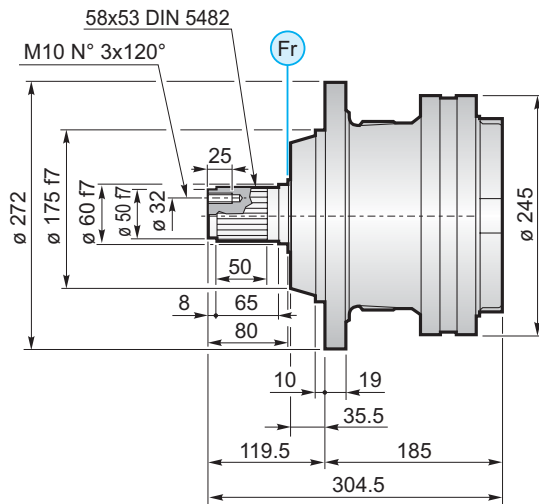
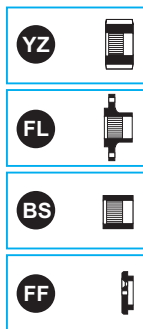
MS



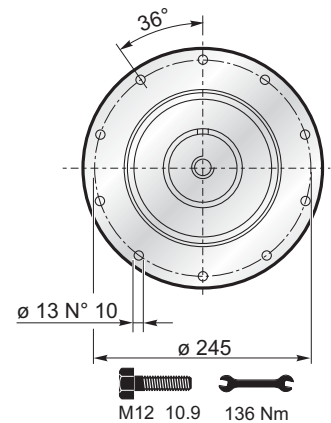
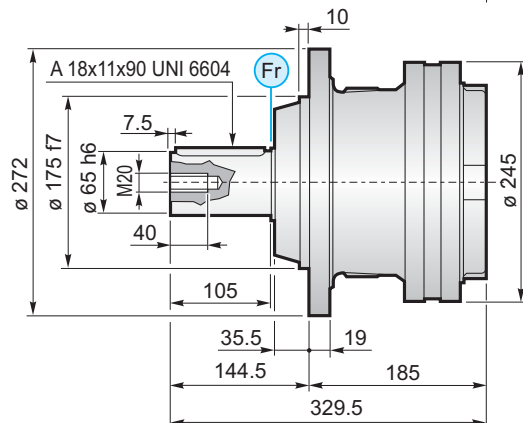
MC

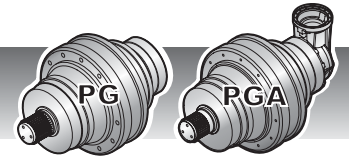


PS

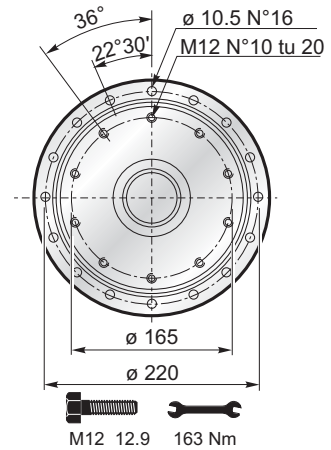
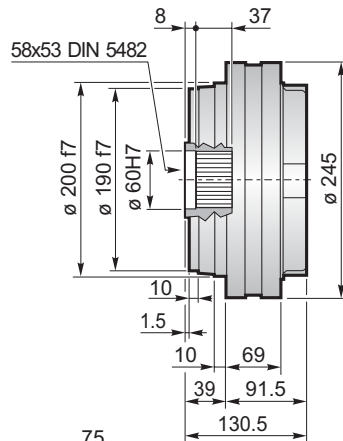


PC

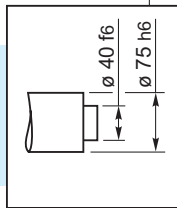
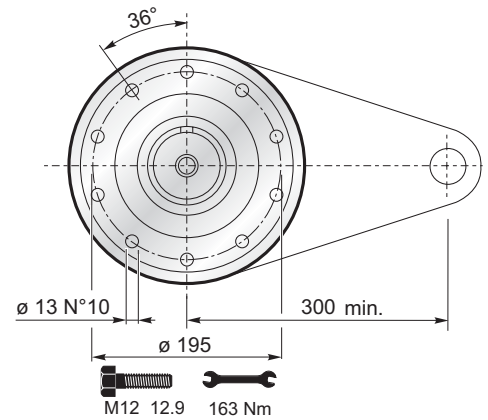
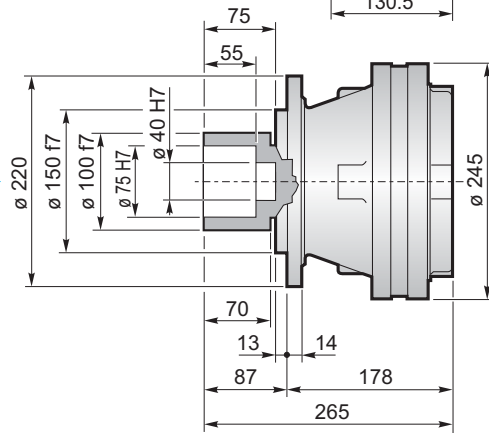




F



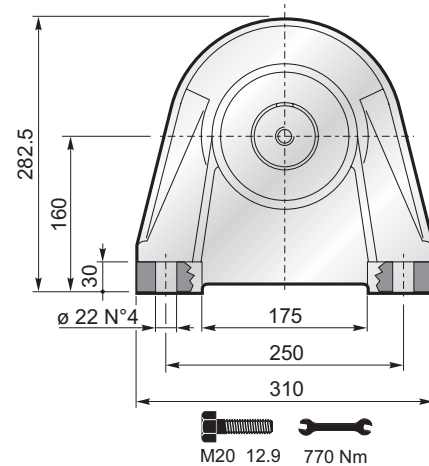
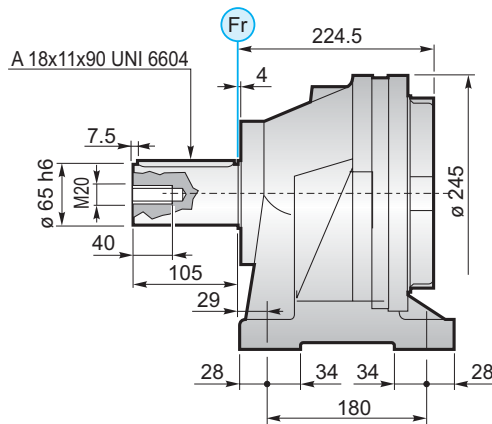
FS



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

La coppia massima indicata è valida solo con calettatori forniti da Planetary Drives
 The maximum torque indicated is valid only with shrink discs supplied by Planetary Drives
 Das dargestellte, maximale Drehmoment gilt nur mit von Planetary Drives gelieferter Schrumpfscheibe
 Le couple maximal indiqué n'est valable qu'avec les frettes de serrage fournis par Planetary Drives
 El momento máximo indicado sólo es válido con discos de contracción suministrados por Planetary Drives
 O torque máximo indicado é válido exclusivamente com discos de contração fornecidos pela Planetary Drives

CPC



FL YZ BS FF KB GA → 98



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	•			•

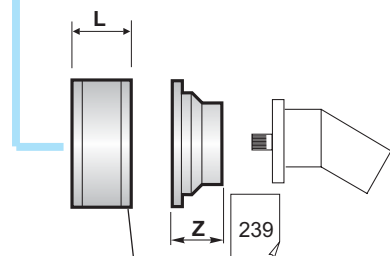
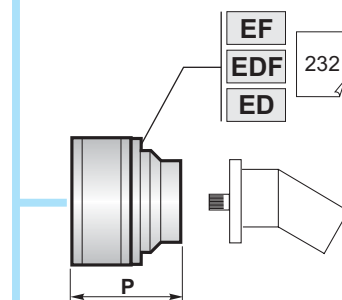
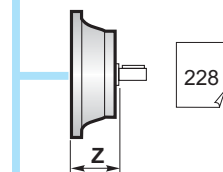
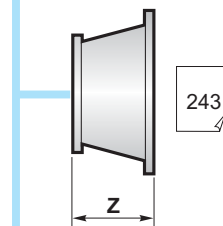
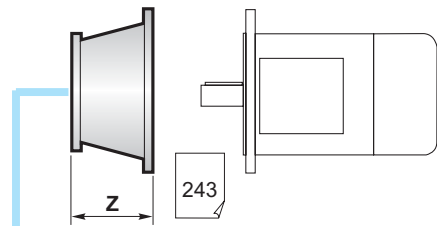
		PG ...F					
		A	B	RA	RB	EF	EDF
PG 501		91.5	130.5	•	o	•	
PG 502		152.5	191.5	•			•
PG 503		200.5	239.5	•			•
PG 504		248.5	287.5	•			•

		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	•			•

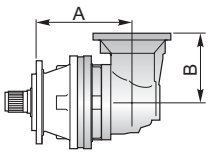


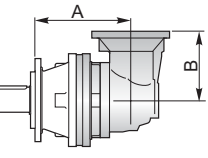
A+13.5	B+13.5	o
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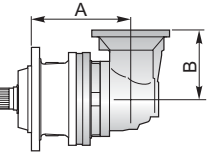


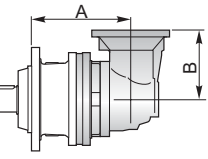
226	RA	RB	L
	RA	RB	81
	RA	RB	125

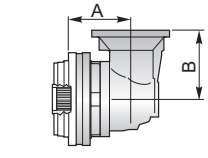


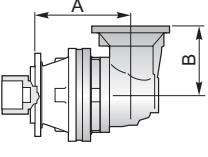
	PGA ...MS					
		A	B	RA	RB	EF
PGA 502	279.5	240	•	•	•	•
PGA 503	314	159	•	•	•	•
PGA 504	362	159	•	•	•	•

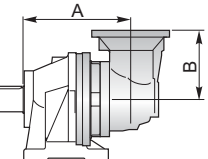
	PGA ...MC					
		A	B	RA	RB	EF
PGA 502	279.5	240	•	•	•	•
PGA 503	314	159	•	•	•	•
PGA 504	362	159	•	•	•	•

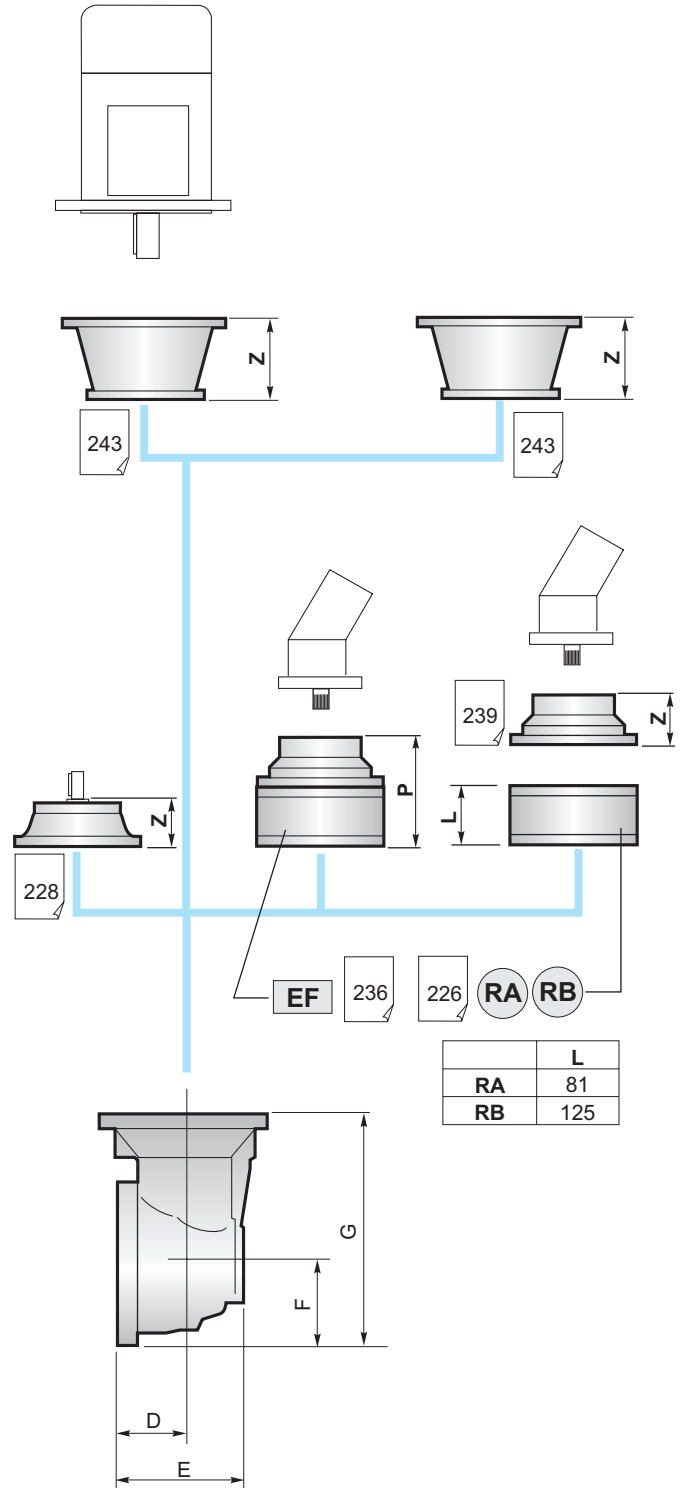
	PGA ...PS					
		A	B	RA	RB	EF
PGA 502	286.5	240	•	•	•	•
PGA 503	321	159	•	•	•	•
PGA 504	369	159	•	•	•	•

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

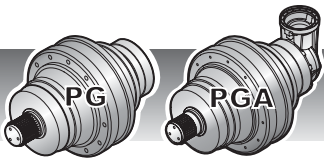
	PGA ...F					
		A	B	RA	RB	EF
PGA 502	193	240	•	•	•	•
PGA 503	227.5	159	•	•	•	•
PGA 504	275.5	159	•	•	•	•

	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

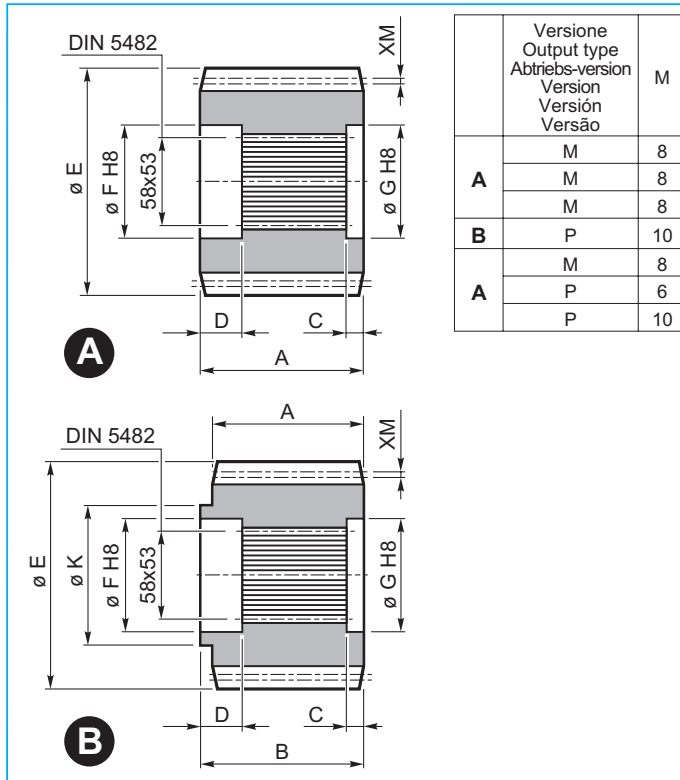


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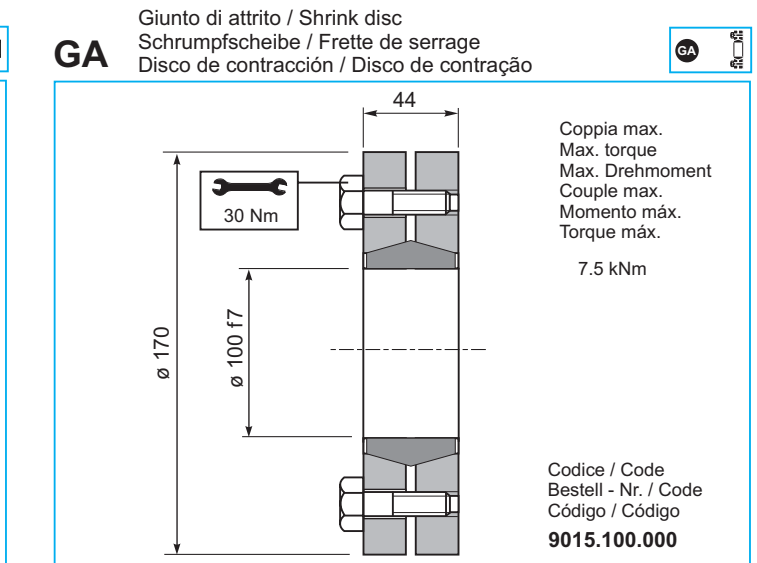
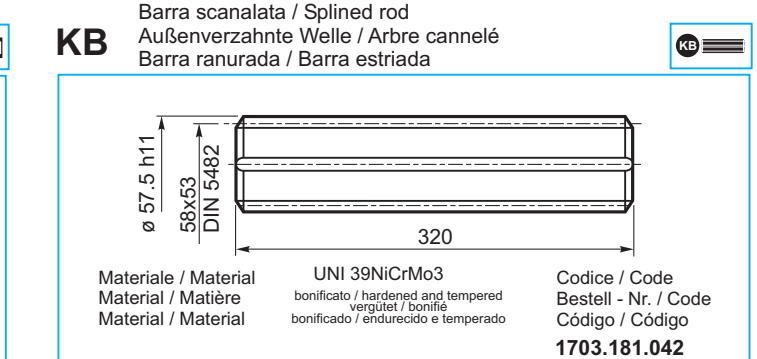
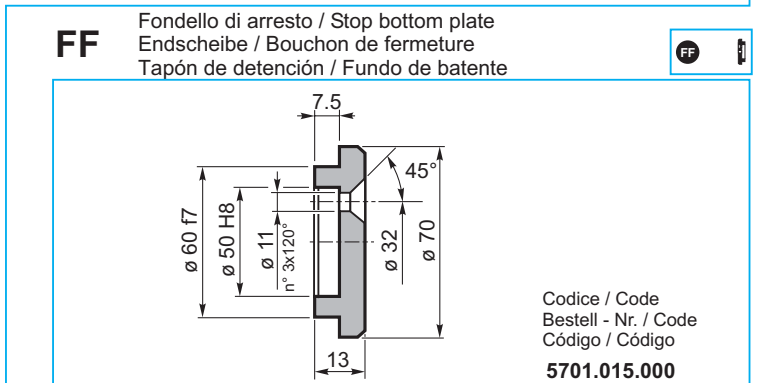
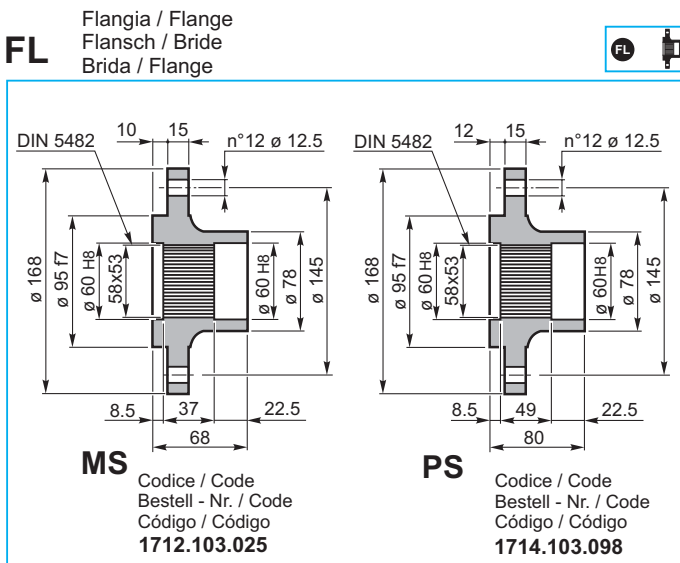
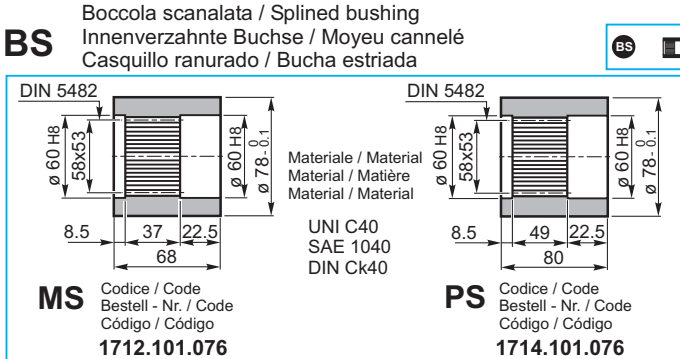
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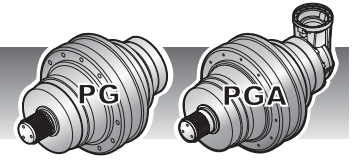
YZ

Pignoni / Pinion
Ritzel / Pignon
Piñones / Pinhões



	Versione Output type Abtriebs-version Version Versão	M	Z	XM	A	B	C	D	E	F	G	K	Materiale Material Matière Material	Code Code Bestell - Nr. Code Código Código
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
	M	8	15	0	68	—	8.5	22.5	136	60	60	—	38NiCrMo4	1701.163.042
A	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





CARICHI RADIALI (Fr)

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

RADIAL LOADS (Fr)

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

RADIALLAST (Fr)

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

CHARGES RADIALES (Fr)

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

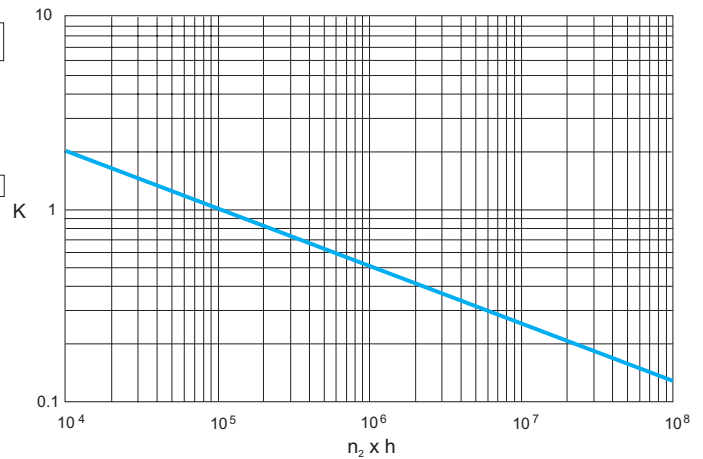
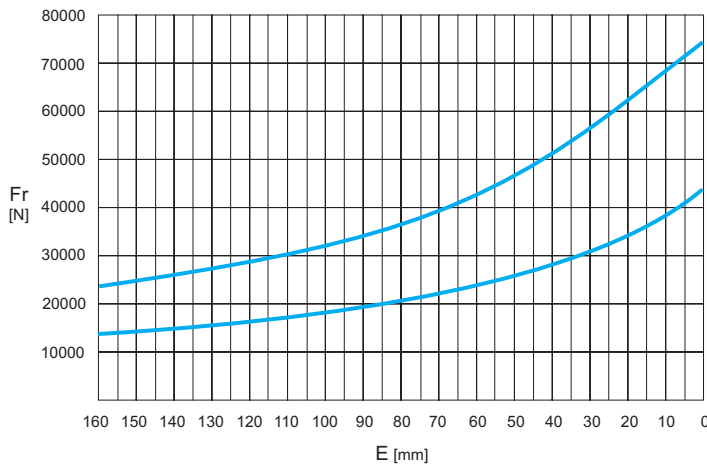
CARGAS AXIALES (Fr)

En los siguientes diagramas se indican las cargas radiales y los coeficientes K para obtener el valor requerido $n_2 \times h$.

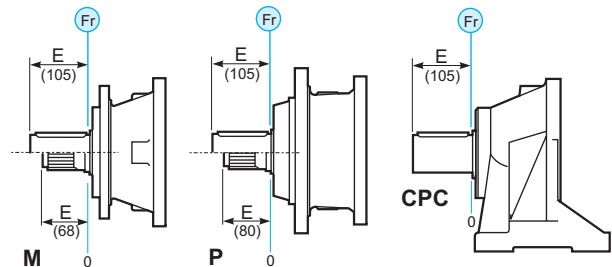
CARGAS AXIAIS (Fr)

Nos diagramas seguintes são indicadas as cargas radiais e os coeficientes K para obter o valor $n_2 \times h$ desejado.

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.

AXIALLAST (Fa)

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

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.

CARGAS AXIALES (Fa)

Los valores de las cargas axiales indicados en la tabla se refieren a las versiones y a la dirección de aplicación de la carga.

CARGAS AXIAIS (Fa)

Os valores das cargas axiais indicadas na tabela referem-se às versões e à direção de aplicação da carga.

Fa [N]	M	P - CPC	← →
	32000	32000	

