100

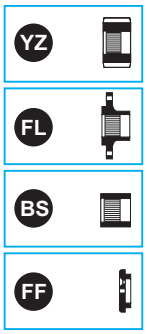
	i	Mc [kNm]				n_{1max}	Pt	Kg				
		n_2 x h	n_2 x h	n_2 x h	n_2 x h							
		10.000	20.000	50.000	100.000	[min^{-1}]	[kW]	M	P	CPC	F	FS
PG 101	**3.56**	1.24	1.10	0.94	0.83							
	4.29	1.24	1.10	0.94	0.83							
	5.60	0.90	0.80	0.68	0.60	2800	12	13	15	18	11	14
	6.75	0.79	0.70	0.60	0.53							
	8.67	0.51	0.45	0.38	0.34							
PG 102	**12.64**	1.24	1.10	0.94	0.83							
	15.24	1.24	1.10	0.94	0.83							
	19.91	1.24	1.10	0.94	0.83							
	24.00	1.24	1.10	0.94	0.83							
	28.93	1.24	1.10	0.94	0.83	2800	8	19	21	24	17	20
	31.36	0.90	0.80	0.68	0.60							
	37.14	1.24	1.10	0.94	0.83							
	48.53	0.90	0.80	0.68	0.60							
	58.50	0.79	0.70	0.60	0.53							
PG 103	**54.18**	1.24	1.10	0.94	0.83							
	65.31	1.24	1.10	0.94	0.83							
	70.80	1.24	1.10	0.94	0.83							
	78.72	1.24	1.10	0.94	0.83							
	85.33	1.24	1.10	0.94	0.83							
	102.86	1.24	1.10	0.94	0.83							
	111.50	1.24	1.10	0.94	0.83							
	134.40	1.24	1.10	0.94	0.83							
	162.00	1.24	1.10	0.94	0.83							
	172.56	1.24	1.10	0.94	0.83	2800	5	25	27	30	23	26
	208.00	1.24	1.10	0.94	0.83							
	211.68	0.90	0.80	0.68	0.60							
	255.15	0.90	0.80	0.68	0.60							
	271.79	0.90	0.80	0.68	0.60							
	307.55	0.79	0.70	0.60	0.53							
	321.90	1.24	1.10	0.94	0.83							
	394.88	0.79	0.70	0.60	0.53							
PG 104	**337.36**	1.24	1.10	0.94	0.83							
	365.71	1.24	1.10	0.94	0.83							
	396.45	1.24	1.10	0.94	0.83							
	440.82	1.24	1.10	0.94	0.83							
	477.87	1.24	1.10	0.94	0.83							
	531.34	1.24	1.10	0.94	0.83							
	576.00	1.24	1.10	0.94	0.83							
	624.41	1.24	1.10	0.94	0.83							
	694.29	1.24	1.10	0.94	0.83							
	752.64	1.24	1.10	0.94	0.83							
	836.86	1.24	1.10	0.94	0.83	2800	1.5	31	33	36	29	32
	907.20	1.24	1.10	0.94	0.83							
	966.35	1.24	1.10	0.94	0.83							
	1093.50	1.24	1.10	0.94	0.83							
	1144.55	1.24	1.10	0.94	0.83							
	1185.41	0.90	0.80	0.68	0.60							
	1318.06	1.24	1.10	0.94	0.83							
	1428.84	0.90	0.80	0.68	0.60							
	1692.32	1.24	1.10	0.94	0.83							
	3422.25	0.79	0.70	0.60	0.53							

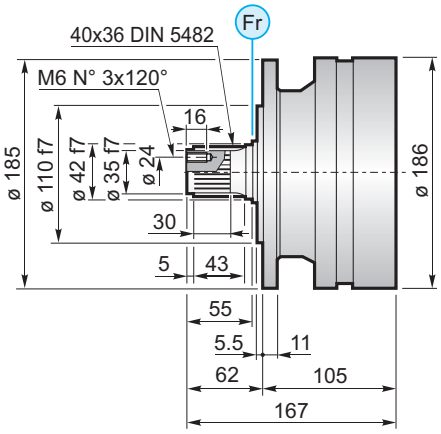
	i	Mc [kNm]				n_{1max}	Pt	Kg				
		n_2 x h	n_2 x h	n_2 x h	n_2 x h							
		10.000	20.000	50.000	100.000	[min^{-1}]	[kW]	M	P	CPC	F	FS
PGA 102	10.41	1.24	1.10	0.94	0.83	2800	8	28	30	33	26	29
	12.55	1.24	1.10	0.94	0.83							
	16.40	0.90	0.80	0.68	0.60							
	19.77	0.79	0.70	0.60	0.53							
PGA 103	37.02	1.24	1.10	0.94	0.83	2800	5	34	36	39	32	35
	44.63	1.24	1.10	0.94	0.83							
	53.79	1.24	1.10	0.94	0.83							
	58.31	1.24	1.10	0.94	0.83							
	70.29	1.24	1.10	0.94	0.83							
	84.72	1.24	1.10	0.94	0.83							
	90.24	1.24	1.10	0.94	0.83							
	108.78	1.24	1.10	0.94	0.83							
	133.43	0.79	0.70	0.60	0.53							
	142.13	0.90	0.80	0.68	0.60							
	171.32	0.79	0.70	0.60	0.53							
PGA 104	131.64	1.24	1.10	0.94	0.83	2800	1.5	40	42	45	38	41
	158.67	1.24	1.10	0.94	0.83							
	191.25	1.24	1.10	0.94	0.83							
	207.33	1.24	1.10	0.94	0.83							
	230.53	1.24	1.10	0.94	0.83							
	301.22	1.24	1.10	0.94	0.83							
	326.54	1.24	1.10	0.94	0.83							
	363.08	1.24	1.10	0.94	0.83							
	393.60	1.24	1.10	0.94	0.83							
	474.43	1.24	1.10	0.94	0.83							
	514.30	0.90	0.80	0.68	0.60							
	571.86	1.24	1.10	0.94	0.83							
	609.14	1.24	1.10	0.94	0.83							
	734.23	1.24	1.10	0.94	0.83							
	782.11	1.24	1.10	0.94	0.83							
	942.72	1.24	1.10	0.94	0.83							
	1156.42	0.79	0.70	0.60	0.53							
	1231.82	0.90	0.80	0.68	0.60							
	1484.79	0.79	0.70	0.60	0.53							

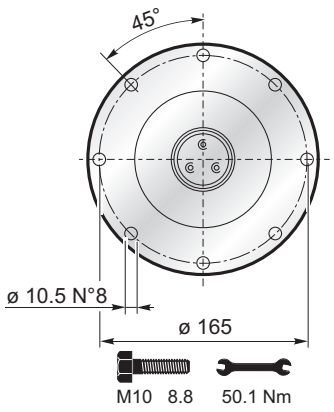
(n_2 x h = 20.000)

$M_{max} = M_c \times 2$

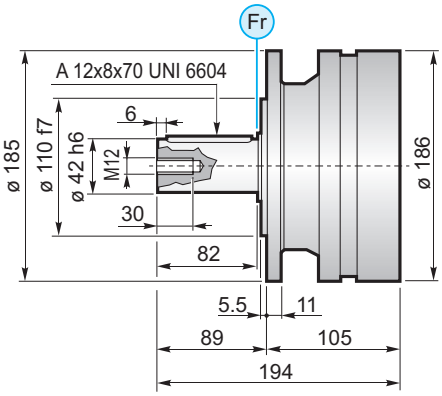
MS

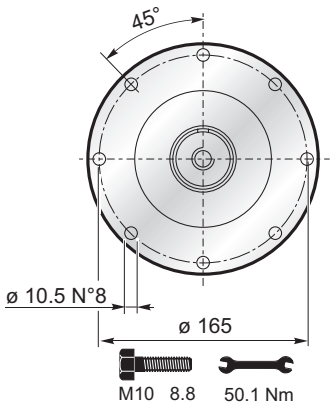

YZ
FL
BS
FF


40x36 DIN 5482
Fr
M6 N° 3x120°
16
ø 185
ø 110 f7
ø 42 f7
ø 35 f7
ø 24
ø 186
30
5
43
55
5.5
11
62
105
167

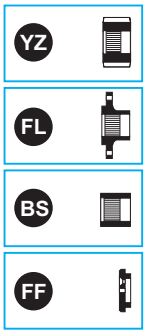

45°
ø 10.5 N°8
ø 165
M10 8.8 50.1 Nm

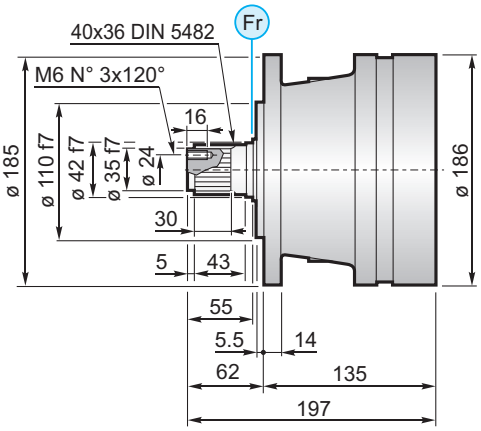
MC

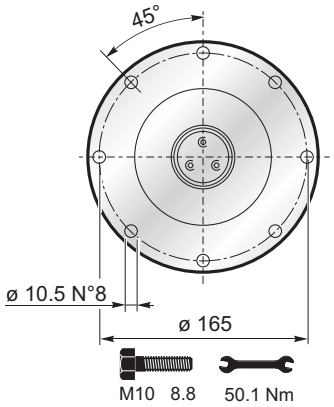

Fr
A 12x8x70 UNI 6604
6
ø 185
ø 110 f7
ø 42 h6
M12
ø 186
30
82
5.5
11
89
105
194


45°
ø 10.5 N°8
ø 165
M10 8.8 50.1 Nm

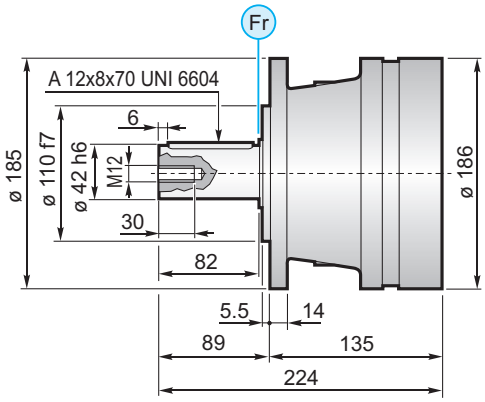
PS

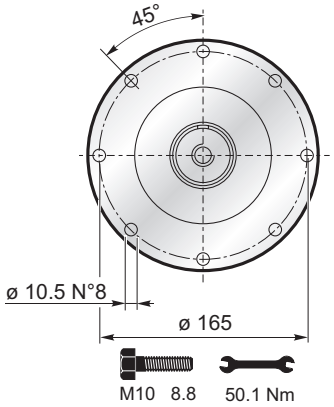

YZ
FL
BS
FF


40x36 DIN 5482
Fr
M6 N° 3x120°
16
ø 185
ø 110 f7
ø 42 f7
ø 35 f7
ø 24
ø 186
30
5
43
55
5.5
14
62
135
197


45°
ø 10.5 N°8
ø 165
M10 8.8 50.1 Nm

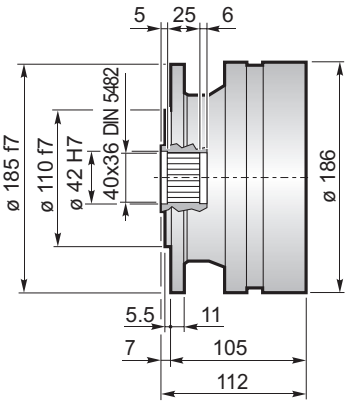
PC

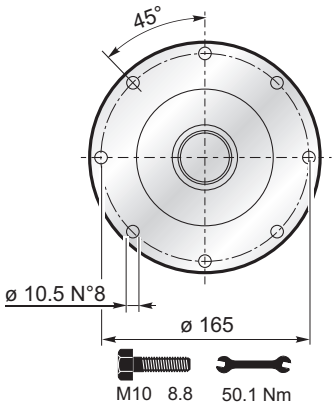

Fr
A 12x8x70 UNI 6604
6
ø 185
ø 110 f7
ø 42 h6
M12
ø 186
30
82
5.5
14
89
135
224


45°
ø 10.5 N°8
ø 165
M10 8.8 50.1 Nm

F

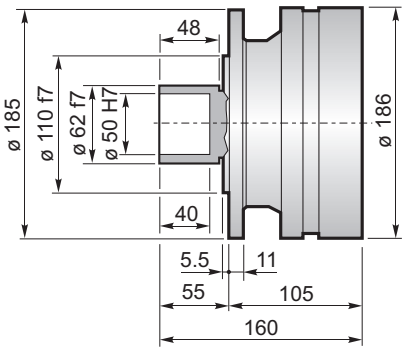
KB

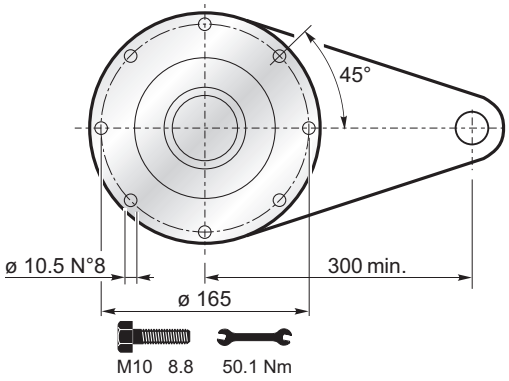


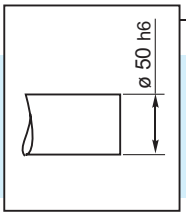


FS

GA



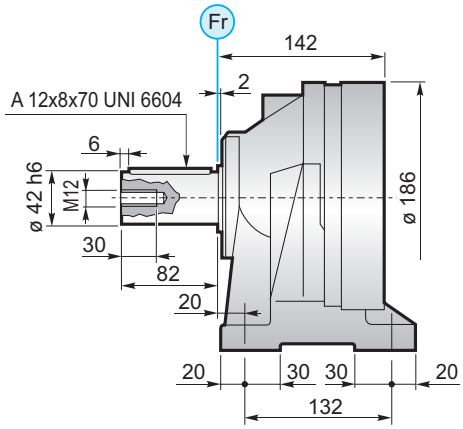


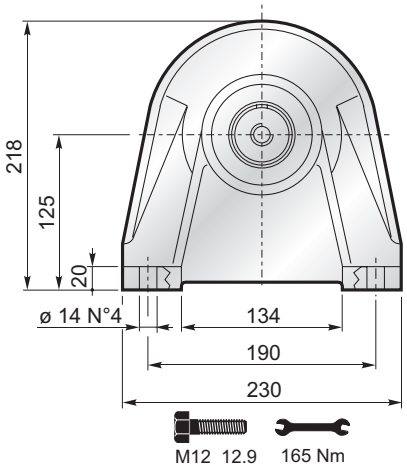


M_{max} = 2.2 kNm

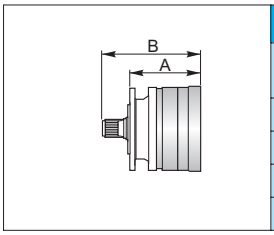
La coppia massima indicata è valida solo con calettatori forniti da Planetary Drives
The maximum torque indicated is valid only with shrink discs supplied by Planetary Drives
Das dargestellte, maximale Drehmoment gilt nur mit von Planetary Drives gelieferter Schrumpfscheibe
Le couple maximal indiqué 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

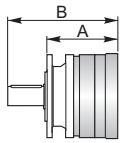




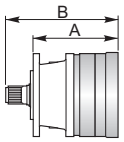
FL YZ BS FF KB GA → B-10



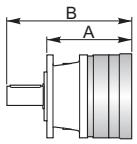
PG ...MS	A	B	RA	RB	EF	EDF
PG 101	105	167	•			•
PG 102	153	215	•			•
PG 103	201	263	•			•
PG 104	249	311	•			•



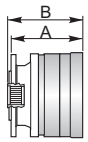
PG ...MC	A	B	RA	RB	EF	EDF
PG 101	105	194	•			•
PG 102	153	242	•			•
PG 103	201	290	•			•
PG 104	249	338	•			•



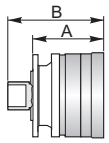
PG ...PS	A	B	RA	RB	EF	EDF
PG 101	135	197	•			•
PG 102	183	245	•			•
PG 103	231	293	•			•
PG 104	271	341	•			•



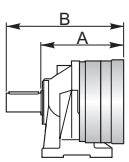
PG ...PC	A	B	RA	RB	EF	EDF
PG 101	135	224	•			•
PG 102	183	272	•			•
PG 103	231	320	•			•
PG 104	279	368	•			•



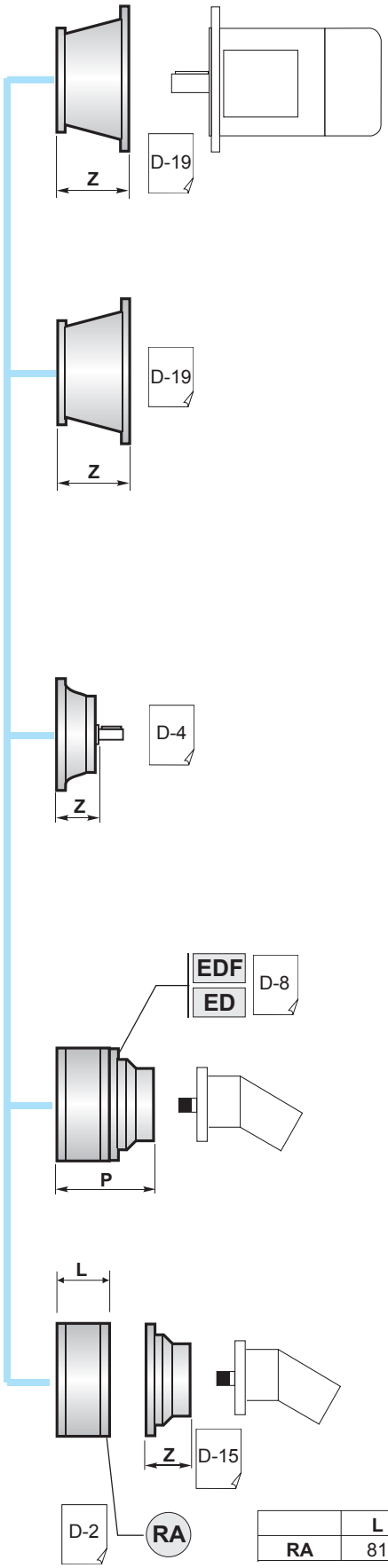
PG ...F	A	B	RA	RB	EF	EDF
PG 101	105	112	•			•
PG 102	153	160	•			•
PG 103	201	208	•			•
PG 104	249	256	•			•



PG ...FS	A	B	RA	RB	EF	EDF
PG 101	105	160	•			•
PG 102	153	208	•			•
PG 103	201	256	•			•
PG 104	249	304	•			•



PG ...CPC	A	B	RA	RB	EF	EDF
PG 101	142	224	•			•
PG 102	190	272	•			•
PG 103	238	320	•			•
PG 104	287	368	•			•



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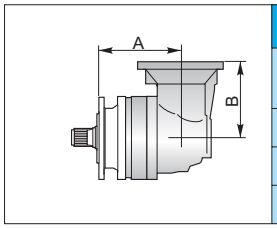
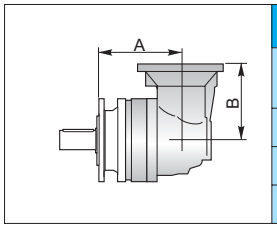
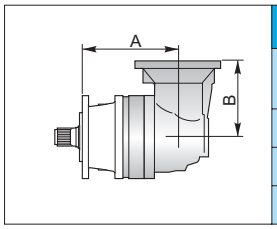
planetary drives & axles



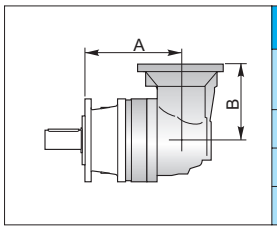
PGA ...MS	A	B	RA	RB	EF
PGA 102	180	159	•		•
PGA 103	228	159	•		•
PGA 104	276	159	•		•



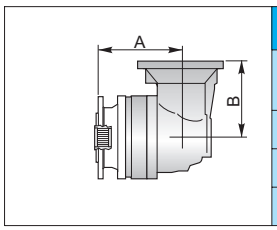
PGA ...MC	A	B	RA	RB	EF
PGA 102	180	159	•		•
PGA 103	228	159	•		•
PGA 104	276	159	•		•



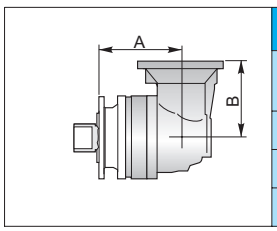
PGA ...PS	A	B	RA	RB	EF
PGA 102	210	159	•		•
PGA 103	258	159	•		•
PGA 104	306	159	•		•



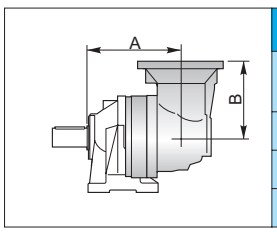
PGA ...PC	A	B	RA	RB	EF
PGA 102	210	159	•		•
PGA 103	258	159	•		•
PGA 104	306	159	•		•



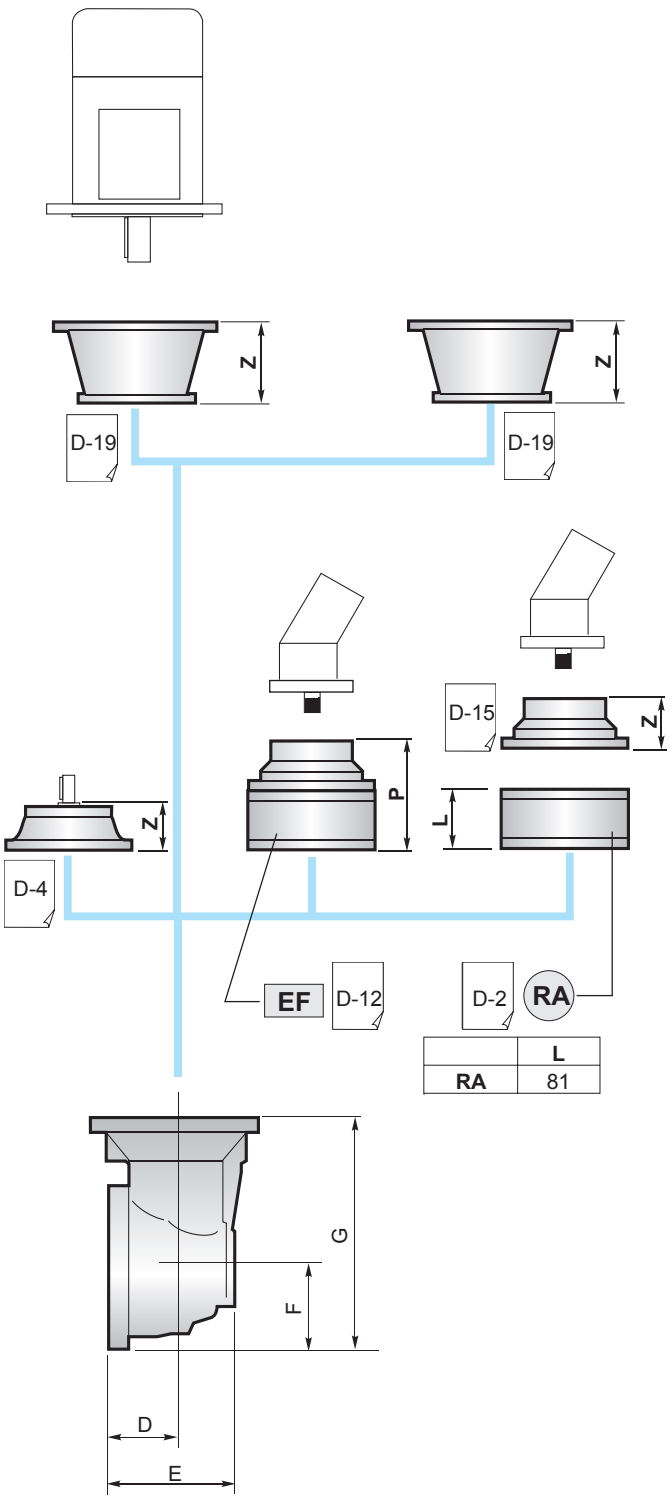
PGA ...F	A	B	RA	RB	EF
PGA 102	180	159	•		•
PGA 103	228	159	•		•
PGA 104	276	159	•		•



PGA ...FS	A	B	RA	RB	EF
PGA 102	180	159	•		•
PGA 103	228	159	•		•
PGA 104	276	159	•		•



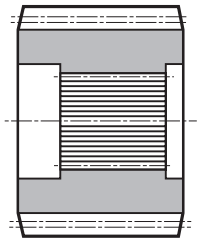
PGA ...CPC	A	B	RA	RB	EF
PGA 102	217	159	•		•
PGA 103	265	159	•		•
PGA 104	313	159	•		•



	L
RA	81

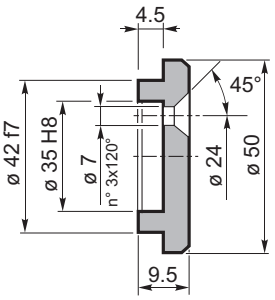
	D	E	F	G
PGA 102	75	141.5	93	252
PGA 103	75	141.5	93	252
PGA 104	75	141.5	93	252

YZ
Pignoni / Pinion
Ritzel / Pignon
Piñones / Pinhões



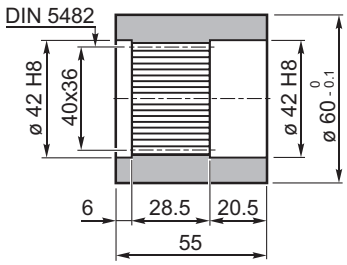
Su richiesta / On request
Auf Anfrage / Sur demande
Bajo demanda / Sob consulta

FF
Fondello di arresto / Stop bottom plate
Endscheibe / Bouchon de fermeture
Tapón de detención / Fundo de batente



Codice / Code
Bestell - Nr. / Code
Código / Código
5701.034.000

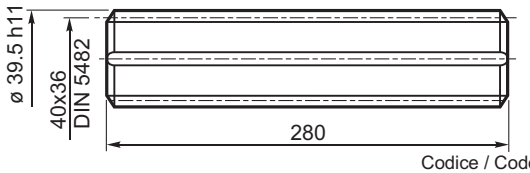
BS
Boccola scanalata / Splined bushing
Innenverzahnte Buchse / Moyeu cannelé
Casquillo ranurado / Bucha estriada



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

Codice / Code
Bestell - Nr. / Code
Código / Código
1710.100.076

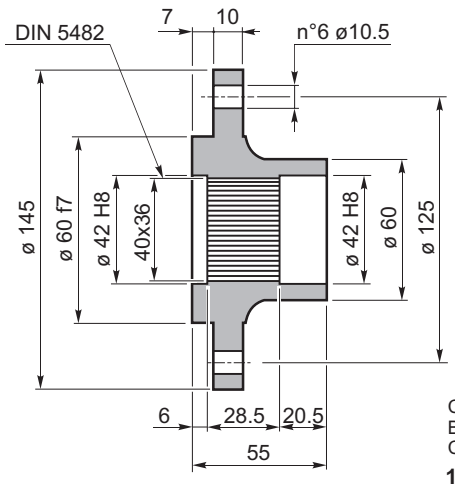
KB
Barra scanalata / Splined rod
Außenverzahnte Welle / Arbre cannelé
Barra ranurada / Barra estriada



Materiale / Material
Material / Matière
Material / Material
UNI 39NiCrMo3
bonificato / hardened and tempered
vergütet / bonifié
bonificado / endurecido e temperado

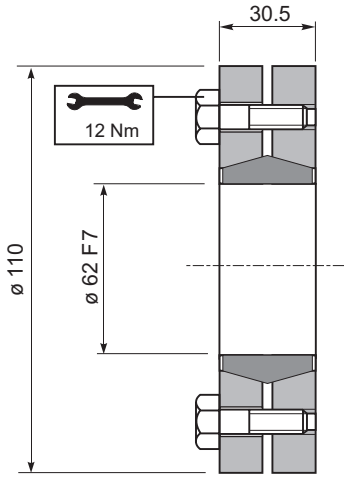
Codice / Code
Bestell - Nr. / Code
Código / Código
1703.179.042

FL
Flangia / Flange
Flansch / Bride
Brida / Flange



Codice / Code
Bestell - Nr. / Code
Código / Código
1710.102.025

GA
Giunto di attrito / Shrink disc
Schrumpfscheibe / Frette de serrage
Disco de contracción / Disco de contração



Coppia max.
Max. torque
Max. Drehmoment
Couple max.
Momento máx.
Torque máx.

2.2 kNm

Codice / Code
Bestell - Nr. / Code
Código / Código
9015.062.000

CARICHI RADIALI (Fr)
Nei diagrammi seguenti sono riportati i carichi radiali e i coefficienti K per rapportarli al valore $n_2$xh desiderato.

RADIAL LOADS (Fr)
The following curves show the radial loads and the K factors to obtain the required $n_2$xh value.

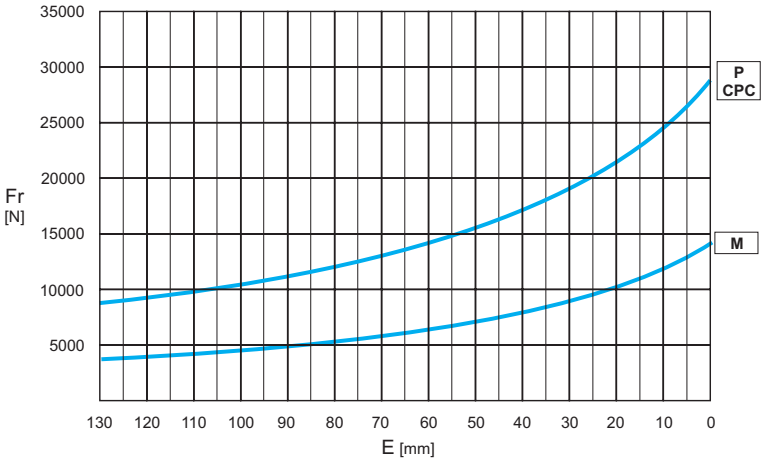
RADIALLAST (Fr)
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert $n_2$xh verglichen werden.

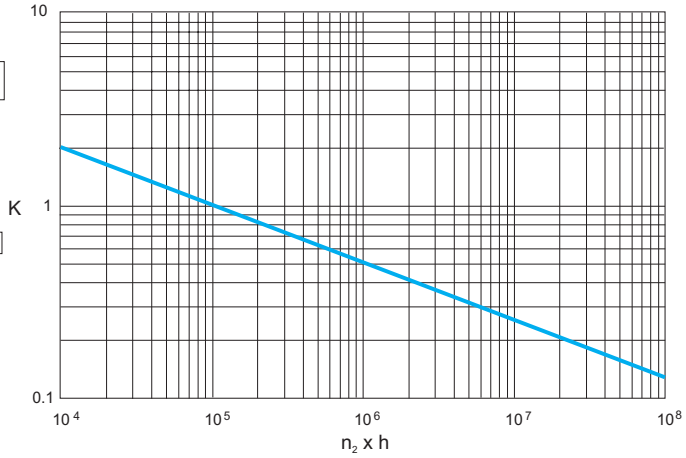
CHARGES RADIALES (Fr)
Dans les diagrammes suivants sont indiqués les charges radiales et les facteurs K de façon à obtenir la valeur $n_2$xh désirée.

CARGAS RADIALES (Fr)
En los siguientes diagramas se indican las cargas radiales y los coeficientes K para obtener el valor requerido $n_2$xh.

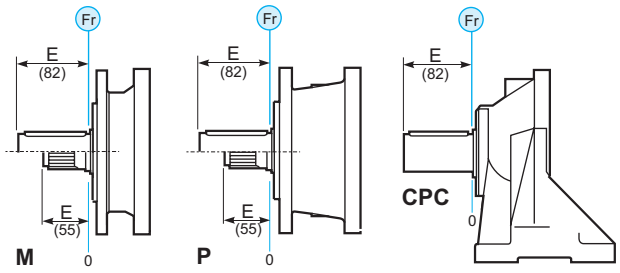
CARGAS RADIAIS (Fr)
Nos diagramas seguintes são indicadas as cargas radiais e os coeficientes K para obter o valor $n_2$xh desejado.

M - P - CPC*





	n_2 x 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 referemse às versões e à direção de aplicação da carga.

Fa [N]	M	P - CPC	
	16000	18000	←
	16000	18000	→