

	i	kNm	
100	3.55-3422	1.00	68
160	3.55-3422	1.60	76
250	3.77-2369	2.50	84
500	3.77-1845	5.00	92
700	3.66-2969	7.00	100
1000	3.55-2230	10.00	108
1600	3.55-2230	16.00	116
1800	13.00-1216	18.00	124
2500	4.00-1774	25.00	132
3000	14.20-1425	30.00	140
3500	4.00-1290	35.00	148
5000	4.00-1982	50.00	156
6500	3.83-1008	65.00	164
9000	4.00-1623	90.00	172
14000	3.83-5674	140.00	180
18000	3.91-9793	180.00	188
22000	3.68-8263	220.00	196
33000	4.09-8522	330.00	204
40000	3.83-5156	400.00	210
55000	3.84-5571	550.00	216
65000	3.84-5571	650.00	220

Le pagine che seguono riportano i dati tecnici prestazionali e dimensionali dei riduttori Serie PG-PGA. Per facilitare la ricerca della grandezza desiderata riportiamo la tabella sopraindicata con i dati indicativi e i riferimenti alle pagine.

The following pages show the technical information on performances and dimensions of the PG-PGA planetary the research and the selection of the required size you can refer to the above table, including some technical data and the corresponding page.

Die folgenden Seiten zeigen die technischen Daten bezüglich Leistung und Dimensionen der Produktserien PG-PGA. Um die Suche der gewünschten Groesse zu erleichtern, liefert die vorstehende Tabelle die Groessen in Verbindung zur entsprechenden Katalogseite.

Les page qui suivent se rapportent aux données techniques des prestations et dimensions des réducteurs série PG-PGA. Pour facilité la sélection de la taille du réducteur envisagée, se référer au tableau ci-dessus pour se reporter à la page correspondante.

Las páginas siguientes contienen los datos técnicos de las prestaciones y dimensiones de la serie de reductores PG-PGA. Para facilitar la búsqueda de la dimensión deseada se puede consultar la siguiente tabla, con los datos indicativos y las páginas correspondientes.

As páginas seguintes mostram os dados técnicos de desempenho e as características dimensionais dos reductores da Série PG-PGA. Para facilitar a procura do tamanho desejado, reproduzimos a tabela a seguir com os dados indicativos e as referências às páginas.



100

	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 101	3.55	1.24	1.10	0.94	0.83	2800	12	13	15	18	11	14
	4.28	1.24	1.10	0.94	0.83							
	5.60	0.90	0.80	0.68	0.60							
	6.75	0.79	0.70	0.60	0.53							
	8.67	0.51	0.45	0.38	0.34							
PG 102	12.6	1.24	1.10	0.94	0.83	2800	8	19	21	24	17	20
	15.2	1.24	1.10	0.94	0.83							
	19.9	1.24	1.10	0.94	0.83							
	23.9	1.24	1.10	0.94	0.83							
	28.9	1.24	1.10	0.94	0.83							
	31.4	0.90	0.80	0.68	0.60							
	37.8	0.90	0.80	0.68	0.60							
	45.5	0.79	0.70	0.60	0.53							
	58.5	0.79	0.70	0.60	0.53							
	PG 103	54.1	1.24	1.10	0.94							
65.3		1.24	1.10	0.94	0.83							
70.7		1.24	1.10	0.94	0.83							
78.7		1.24	1.10	0.94	0.83							
85.3		1.24	1.10	0.94	0.83							
102.8		1.24	1.10	0.94	0.83							
111.5		1.24	1.10	0.94	0.83							
134.3		1.24	1.10	0.94	0.83							
161.9		1.24	1.10	0.94	0.83							
172.5		1.24	1.10	0.94	0.83							
207.9		1.24	1.10	0.94	0.83							
211.6		0.90	0.80	0.68	0.60							
255.1		0.90	0.80	0.68	0.60							
271.7		0.90	0.80	0.68	0.60							
307.5		0.79	0.70	0.60	0.53							
327.5		0.90	0.80	0.68	0.60							
394.8	0.79	0.70	0.60	0.53								
PG 104	337.3	1.24	1.10	0.94	0.83	2800	1.5	31	33	36	29	32
	365.7	1.24	1.10	0.94	0.83							
	396.4	1.24	1.10	0.94	0.83							
	440.8	1.24	1.10	0.94	0.83							
	477.8	1.24	1.10	0.94	0.83							
	531.3	1.24	1.10	0.94	0.83							
	575.9	1.24	1.10	0.94	0.83							
	624.4	1.24	1.10	0.94	0.83							
	694.2	1.24	1.10	0.94	0.83							
	752.6	1.24	1.10	0.94	0.83							
	836.8	1.24	1.10	0.94	0.83							
	907.1	1.24	1.10	0.94	0.83							
	966.3	1.24	1.10	0.94	0.83							
	1093.4	1.24	1.10	0.94	0.83							
	1144.5	1.24	1.10	0.94	0.83							
	1185.4	0.90	0.80	0.68	0.60							
	1318.0	1.24	1.10	0.94	0.83							
	1428.8	0.90	0.80	0.68	0.60							
	1692.3	1.24	1.10	0.94	0.83							
	3422.1	0.79	0.70	0.60	0.53							

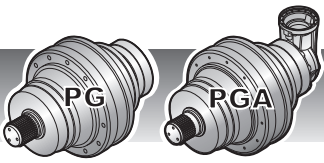


	i	Mc [kNm]				n1max [min ⁻¹]	Pt [kW]	Kg				
		n ₂ x h	n ₂ x h	n ₂ x h	n ₂ x h			M	P	CPC	F	FS
		10.000	20.000	50.000	100.000							
PGA 102	10.4	1.24	1.10	0.94	0.83	2800	8	28	30	33	26	29
	12.5	1.24	1.10	0.94	0.83							
	16.4	0.90	0.80	0.68	0.60							
	19.7	0.79	0.70	0.60	0.53							
PGA 103	37.0	1.24	1.10	0.94	0.83	2800	5	34	36	39	32	35
	44.6	1.24	1.10	0.94	0.83							
	53.8	1.24	1.10	0.94	0.83							
	58.4	1.24	1.10	0.94	0.83							
	70.3	1.24	1.10	0.94	0.83							
	84.8	1.24	1.10	0.94	0.83							
	91.9	0.90	0.80	0.68	0.60							
	110.8	0.90	0.80	0.68	0.60							
	133.6	0.79	0.70	0.60	0.53							
	171.5	0.79	0.70	0.60	0.53							
PGA 104	131.8	1.24	1.10	0.94	0.83	2800	1.5	40	42	45	38	41
	158.9	1.24	1.10	0.94	0.83							
	191.5	1.24	1.10	0.94	0.83							
	207.6	1.24	1.10	0.94	0.83							
	230.8	1.24	1.10	0.94	0.83							
	301.7	1.24	1.10	0.94	0.83							
	327.0	1.24	1.10	0.94	0.83							
	363.6	1.24	1.10	0.94	0.83							
	394.2	1.24	1.10	0.94	0.83							
	475.1	1.24	1.10	0.94	0.83							
	515.3	0.90	0.80	0.68	0.60							
	572.7	1.24	1.10	0.94	0.83							
	610.1	1.24	1.10	0.94	0.83							
	735.4	1.24	1.10	0.94	0.83							
	797.2	0.90	0.80	0.68	0.60							
	960.9	0.90	0.80	0.68	0.60							
	1158.2	0.79	0.70	0.60	0.53							
	1233.7	0.90	0.80	0.68	0.60							
1487.1	0.79	0.70	0.60	0.53								



(n₂ x h = 20.000)

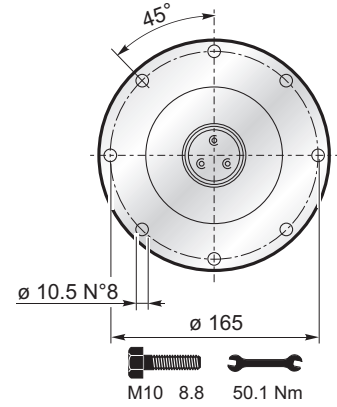
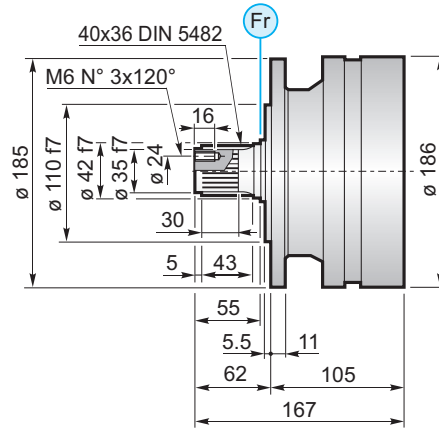
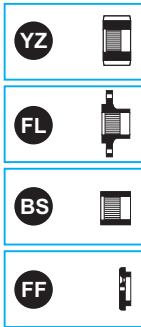
$$M_{\max} = M_c \times 2$$



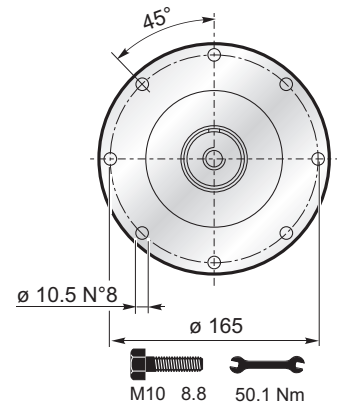
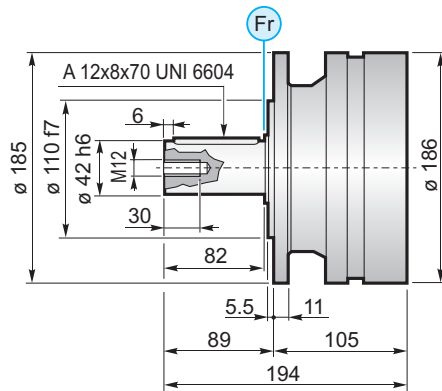
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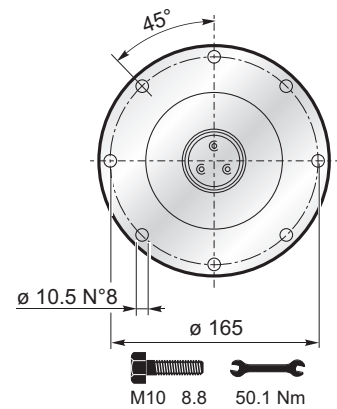
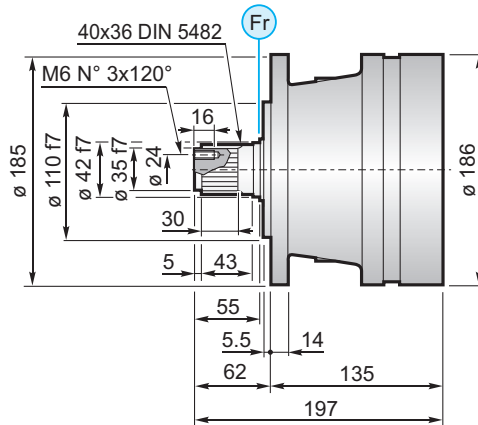
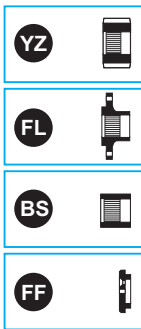
MS



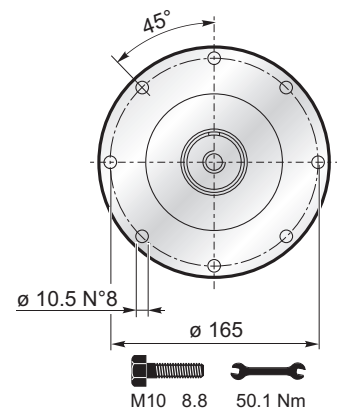
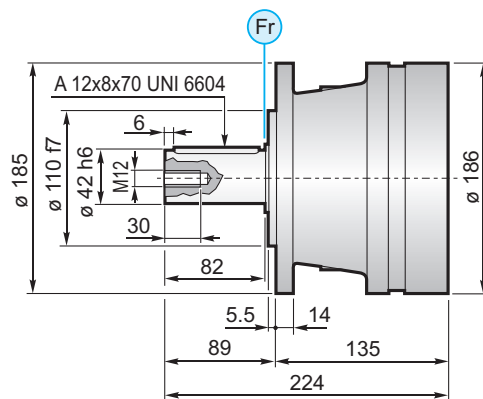
MC

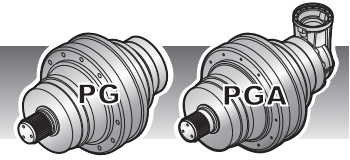


PS

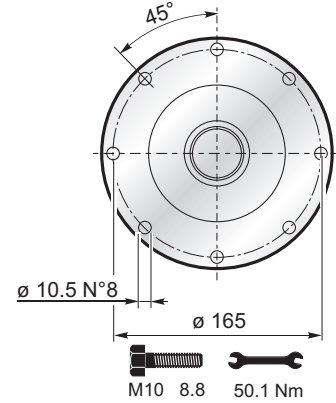
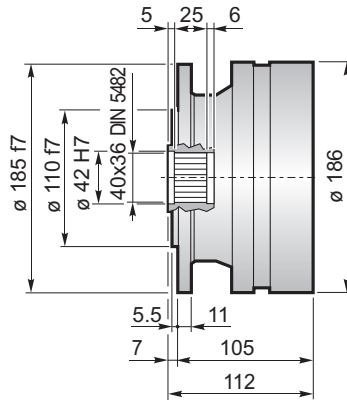


PC

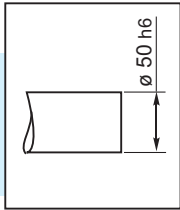
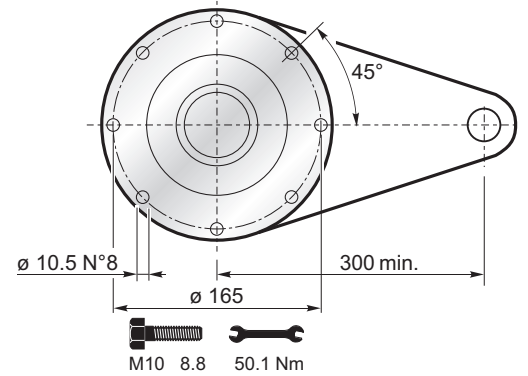
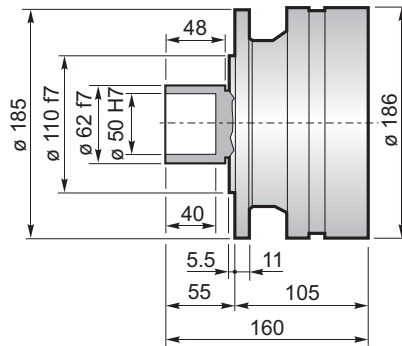
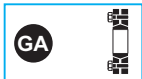




F



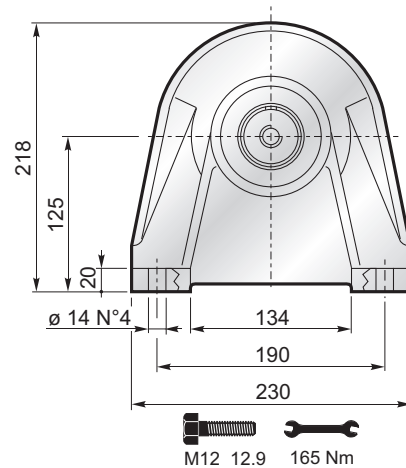
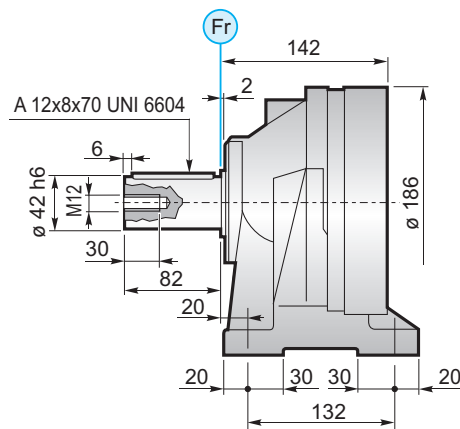
FS



$M_{max} = 2.2 \text{ kNm}$

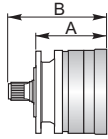
La coppia massima indicata è valida solo con calettatori forniti da Planetary Drives
 The maximum torque indicated is valid only with shrink discs supplied by Planetary Drives
 Das dargestellte, maximale Drehmoment gilt nur mit von Planetary Drives gelieferter Schrumpfscheibe
 Le couple maximal indiqué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

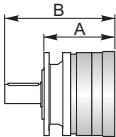
CPC

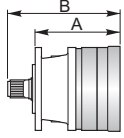


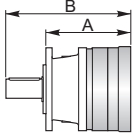


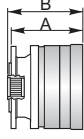
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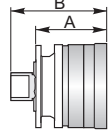
	PG ...MS					
	A	B	RA	RB	EF	EDF
PG 101	105	167				
PG 102	153	215				
PG 103	201	263				
PG 104	249	311				

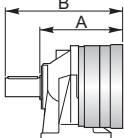
	PG ...MC					
	A	B	RA	RB	EF	EDF
PG 101	105	194				
PG 102	153	242				
PG 103	201	290				
PG 104	249	338				

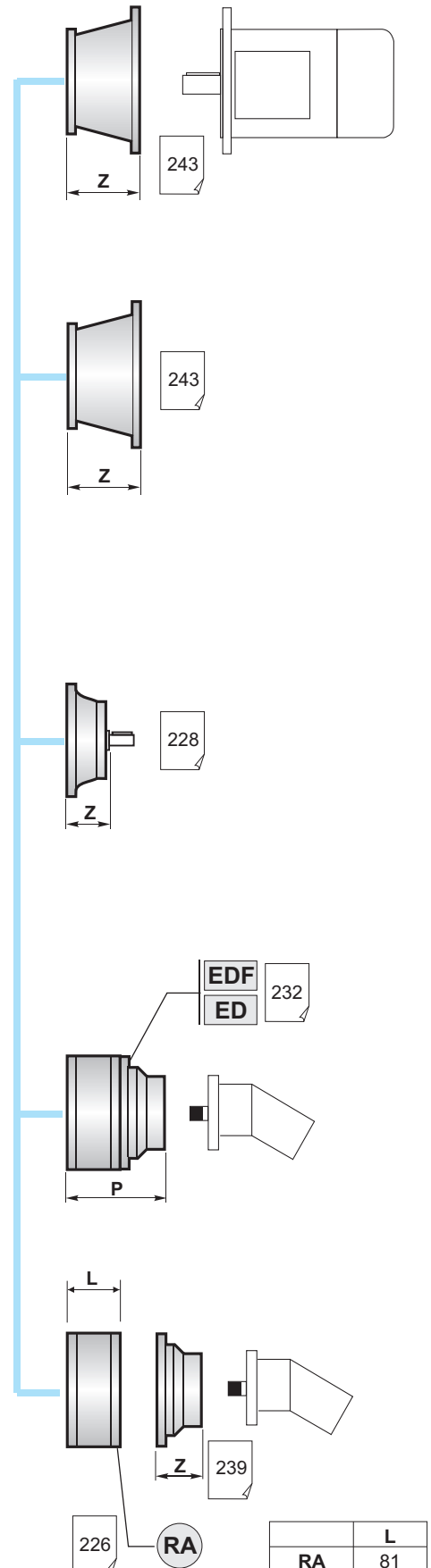
	PG ...PS					
	A	B	RA	RB	EF	EDF
PG 101	135	197				
PG 102	183	245				
PG 103	231	293				
PG 104	271	341				

	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				



RA	L
	81



	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			

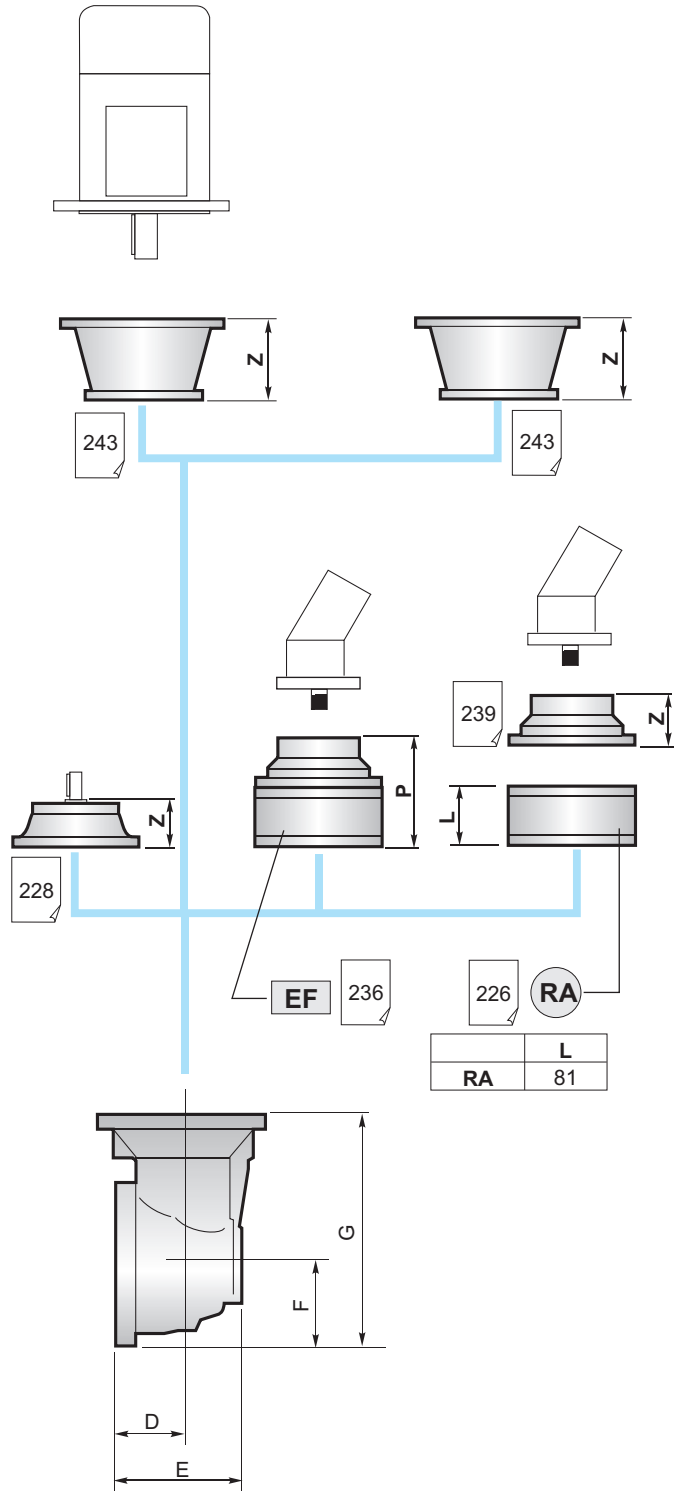
	PGA ...PS				
	A	B	RA	RB	EF
PGA 102	210	159			
PGA 103	258	159			
PGA 104	306	159			

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

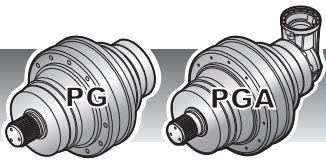
	PGA ...F				
	A	B	RA	RB	EF
PGA 102	180	159			
PGA 103	228	159			
PGA 104	276	159			

	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			



	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



100

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YZ Pignoni / Pinion
Ritzel / Pignon
Piñones / Pinhões



DIN 5482

	Versione Output type Abtriebs-version Version Versão	M	Z	XM	A	B	C	D	E	F	G	K	Materiale Material Matériau Material Material
A	M.. - P..	1.9	20	0.049	65	—	6	20.5	84.5	42	42	—	38NiCrMo4
	M.. - P..	5	16	2.5	55	—	6	20.5	95	42	42	—	38NiCrMo4
B	M.. - P..	3.5	23	0	40	60.5	6	20.5	87.5	42	42	60	38NiCrMo4

DIN 5482

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

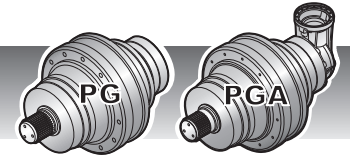
FL Flangia / Flange
Flansch / Bride
Brida / Flange

Codice / Code
Bestell - Nr. / Code
Código / Código
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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 $n_2 \times h$ 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.

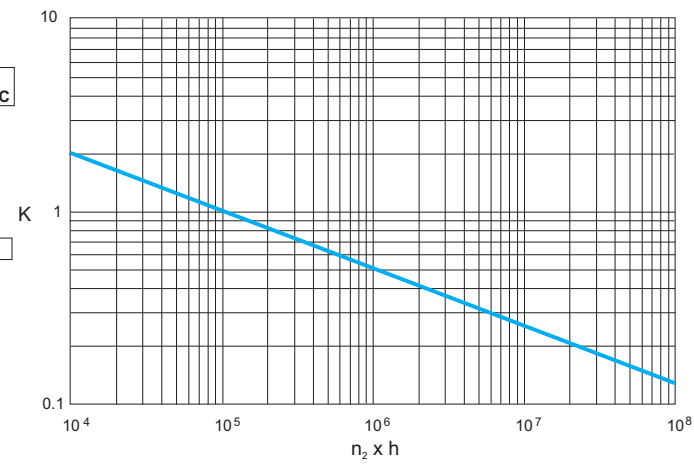
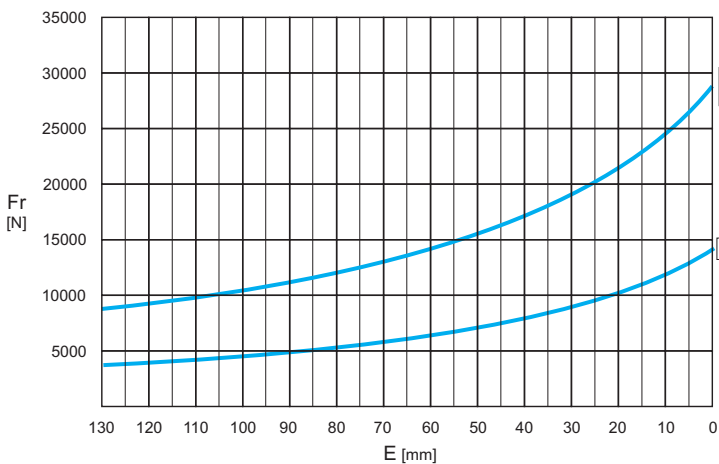
CARGAS AXIALES (Fr)

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

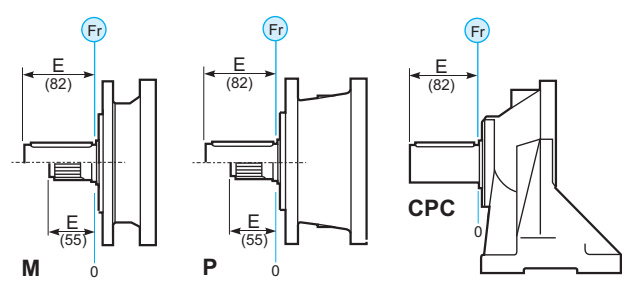
CARGAS AXIAIS (Fr)

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	
		16000	18000
	16000	18000	→

