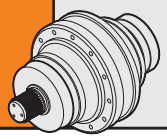

3500

	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 3501	**4.00**	42.37	37.50	31.91	28.25	1500	54	193	-	254	157	165
	4.71	36.11	31.96	27.20	24.07							
PG 3502	**14.22**	41.95	37.11	31.58	27.96							
	17.14	36.05	31.92	27.17	24.04							
	20.17	36.11	31.96	27.20	24.07	2000	34	243	-	304	207	215
	26.35	32.04	28.36	24.12	21.37							
	31.76	24.46	21.65	18.42	16.30							
PG 3503	**53.73**	41.95	37.11	31.58	27.96							
	58.67	41.95	37.11	31.58	27.96							
	64.76	36.05	31.92	27.17	24.04							
	70.71	36.05	31.92	27.17	24.04							
	83.19	36.11	31.96	27.20	24.07							
	88.57	36.05	31.92	27.17	24.04							
	102.86	36.05	31.92	27.17	24.04	2800	23	259	-	320	223	231
	121.01	36.11	31.96	27.20	24.07							
	136.16	32.04	28.36	24.12	21.37							
	158.12	32.04	28.36	24.12	21.37							
	162.40	28.02	24.80	21.09	18.69							
	191.06	32.04	28.36	24.12	21.37							
	230.29	24.46	21.65	18.42	16.30							
PG 3504	**191.03**	41.95	37.11	31.58	27.96							
	208.59	41.95	37.11	31.58	27.96							
	230.26	41.95	37.11	31.58	27.96							
	251.43	41.95	37.11	31.58	27.96							
	277.55	36.05	31.92	27.17	24.04							
	303.06	36.05	31.92	27.17	24.04							
	328.53	35.81	31.63	26.92	23.79							
	362.67	36.05	31.92	27.17	24.04							
	379.59	36.05	31.92	27.17	24.04							
	440.82	36.05	31.92	27.17	24.04	2800	17	267	-	328	231	239
	496.00	35.56	31.47	26.75	23.60							
	576.00	36.05	31.92	27.17	24.04							
	626.65	33.02	29.21	24.85	22.05							
	694.29	36.05	31.92	27.17	24.04							
	762.48	32.04	28.36	24.12	21.37							
	816.81	36.11	31.96	27.20	24.07							
	986.97	33.02	29.21	24.85	22.05							
	1067.29	32.04	28.36	24.12	21.37							
	1289.65	32.04	28.36	24.12	21.37							

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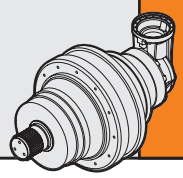
Ratios marked can only be supplied in version **M**; for more information please contact COMER technical service.

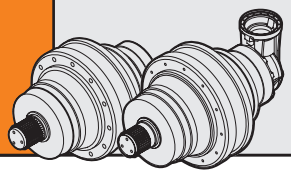


	i	Mc [kNm]				n_{1max}	Pt	Kg				
		n_2 x h	n_2 x h	n_2 x h	n_2 x h							
		10.000	20.000	50.000	100.000	[min^{-1}]	[kW]	M	P	CPC	F	FS
PGA 3502	**12.29**	27.63	24.55	18.65	15.16	2000	34	285	-	346	248	256
	14.45	32.10	27.51	20.90	16.98							
	18.67	17.69	16.65	15.36	13.80							
	21.96	20.52	19.31	17.82	15.46							
PGA 3503	**43.68**	41.95	37.11	31.58	27.96	2800	23	342	-	403	305	313
	52.65	36.05	31.92	27.17	24.04							
	66.37	41.95	37.11	31.58	27.96							
	80.00	36.05	31.92	27.17	24.04							
	94.12	36.11	31.96	27.20	24.07							
	122.98	32.04	28.36	24.12	21.37							
PGA 3504	**185.61**	41.95	37.11	31.58	27.96	2`800	17	299	-	360	263	271
	202.67	41.95	37.11	31.58	27.96							
	223.72	36.05	31.92	27.17	24.04							
	244.29	36.05	31.92	27.17	24.04							
	298.64	36.11	31.96	27.20	24.07							
	319.41	34.61	32.28	29.44	27.46							
	352.59	36.05	31.92	27.17	24.04							
	385.00	36.05	31.92	27.17	24.04							
	414.81	36.11	31.96	27.20	24.07							
	464.59	31.64	28.03	23.84	21.15							
	546.58	36.11	31.96	27.20	24.07							
	591.84	32.04	28.36	24.12	21.37							
	658.82	36.11	31.96	27.20	24.07							
	741.30	32.04	28.36	24.12	21.37							
	884.18	28.02	24.80	21.09	18.69							
	1040.21	32.04	28.36	24.12	21.37							
	1253.82	24.46	21.65	18.42	16.30							

I rapporti contrassegnati possono essere forniti solo in versione **M**; per ulteriori informazioni contattare il sevizio tecnico COMER.
Ratios marked can only be supplied in version **M**; for more information please contact COMER technical service.

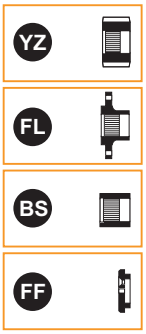
(n_2 x h = 20.000)

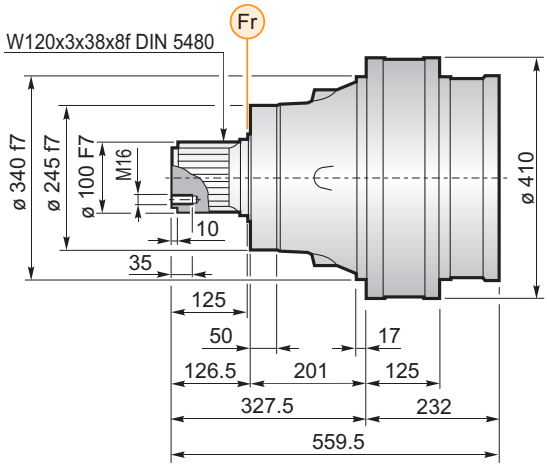
$M_{max} = M_c \times 1.65$

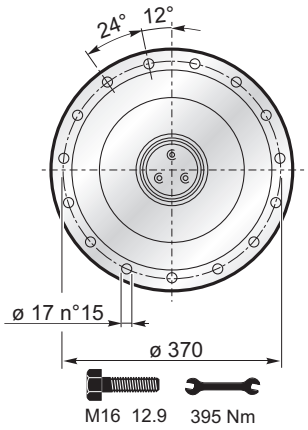


3500

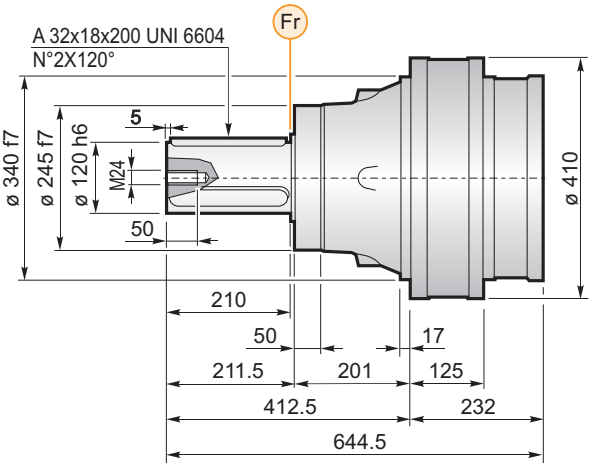
MS

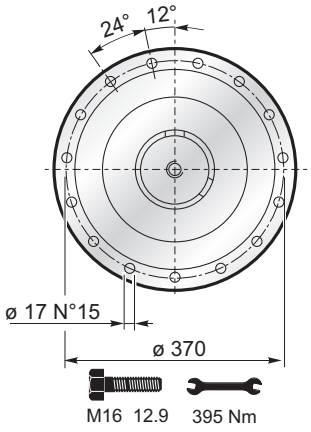

YZ
FL
BS
FF

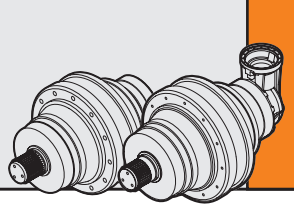

W120x3x38x8f DIN 5480
Fr
ø 340 f7
ø 245 f7
ø 100 F7
M16
10
35
125
50
17
126.5
201
125
327.5
232
559.5
ø 410


24°
12°
ø 17 n°15
ø 370
M16 12.9 395 Nm

MC

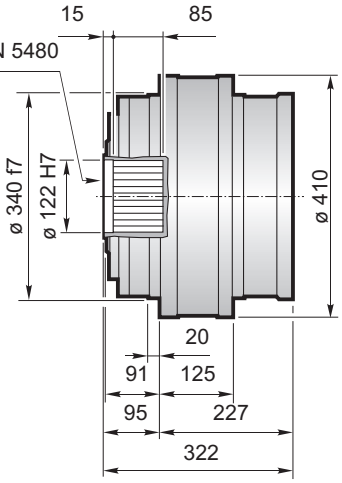

A 32x18x200 UNI 6604
N°2X120°
Fr
ø 340 f7
ø 245 f7
ø 120 h6
M24
5
50
210
50
17
211.5
201
125
412.5
232
644.5
ø 410

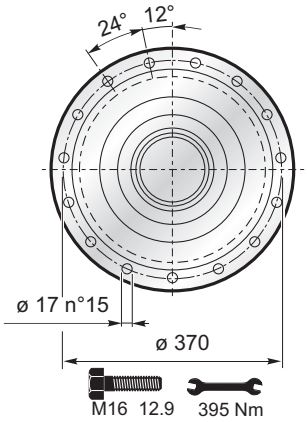

24°
12°
ø 17 N°15
ø 370
M16 12.9 395 Nm



F

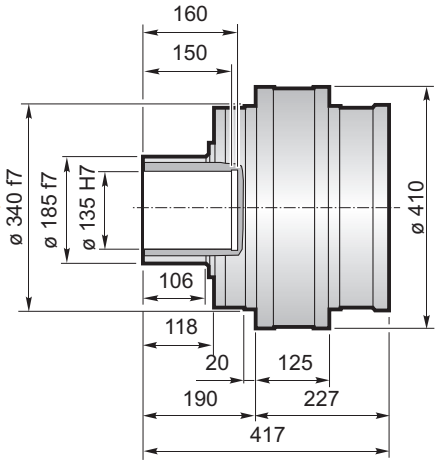
KB

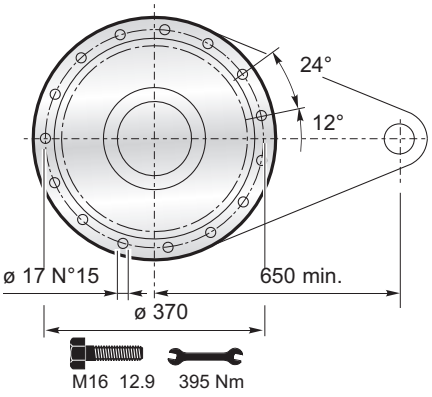


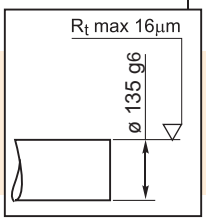


FS

GA



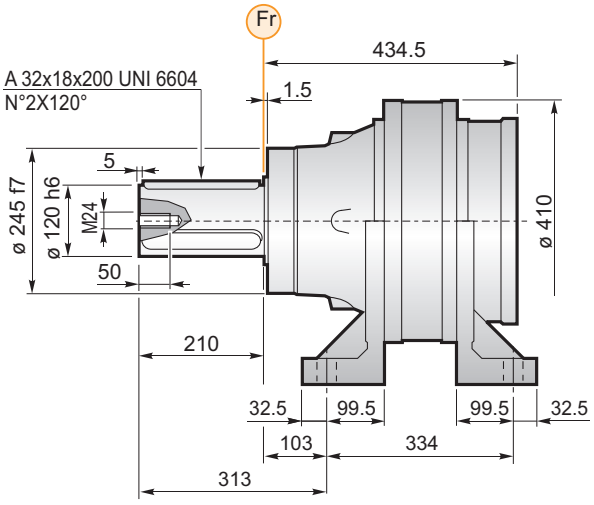


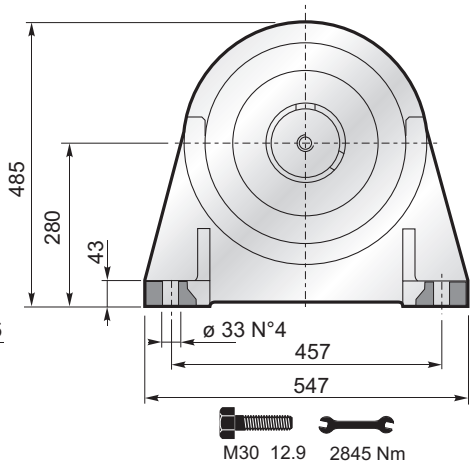


M_{max} = 52 kNm

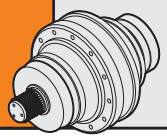
La coppia massima indicata è valida solo con calettatori forniti da Planetary Drives
The maximum torque indicated is valid only with shrink discs supplied by Planetary Drives
Das dargestellte, maximale Drehmoment gilt nur mit von Planetary Drives gelieferter Schrumpfscheibe
Le couple maximal indiqué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

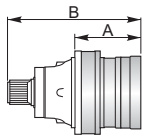




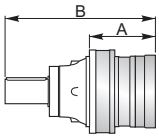
FL YZ BS FF KB GA → B-108



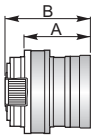
3500



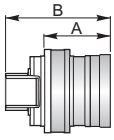
	PG ...MS					
	A	B	RA	RB	EF	EDF
PG 3501	232	559.5				
PG 3502	319	646.5		•		
PG 3503	390.5	718	•	o	•	
PG 3504	451.5	779	•			•



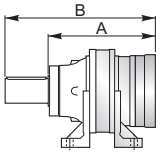
	PG ...MC					
	A	B	RA	RB	EF	EDF
PG 3501	232	644.5				
PG 3502	319	731.5		•		
PG 3503	390.5	803	•	o	•	
PG 3504	451.5	864	•			•



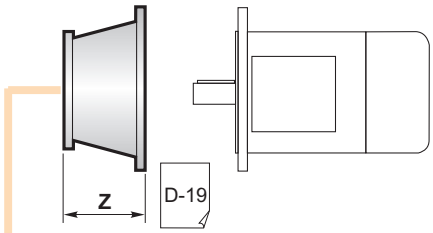
	PG ...F					
	A	B	RA	RB	EF	EDF
PG 3501	227	322				
PG 3502	314	409		•		
PG 3503	385.5	480.5	•	o	•	
PG 3504	446.5	541.5	•			•

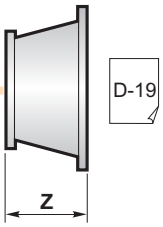


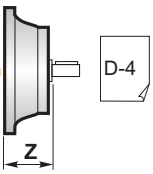
	PG ...FS					
	A	B	RA	RB	EF	EDF
PG 3501	227	417				
PG 3502	314	504		•		
PG 3503	385.5	575.5	•	o	•	
PG 3504	446.5	636.5	•			•

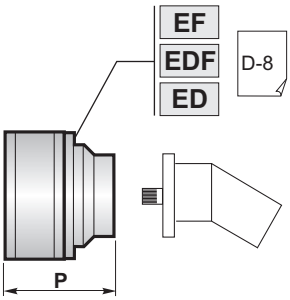


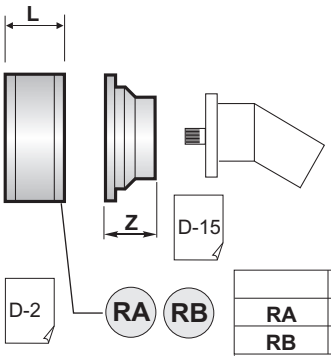
	PG ...CPC					
	A	B	RA	RB	EF	EDF
PG 3501	434.5	644.5				
PG 3502	521.5	731.5		•		
PG 3503	593	803	•	o	•	
PG 3504	654	864	•			•







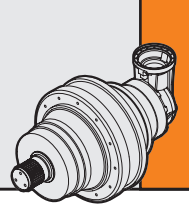


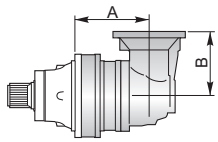


	L
RA	81
RB	125

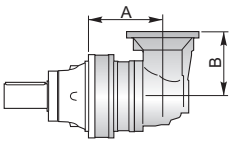
A+13.5	B+13.5	o

chaumea mechanics on demand

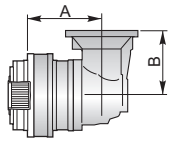




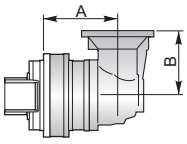
PGA ...MS	A	B	RA	RB	EF
PGA 3502	297	315		•	
PGA 3503	454	240	•	o	•
PGA 3504	492	240	•		•



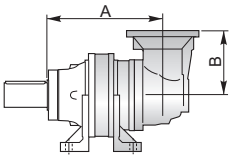
PGA ...MC	A	B	RA	RB	EF
PGA 3502	297	315		•	
PGA 3503	454	240	•	o	•
PGA 3504	492	240	•		•



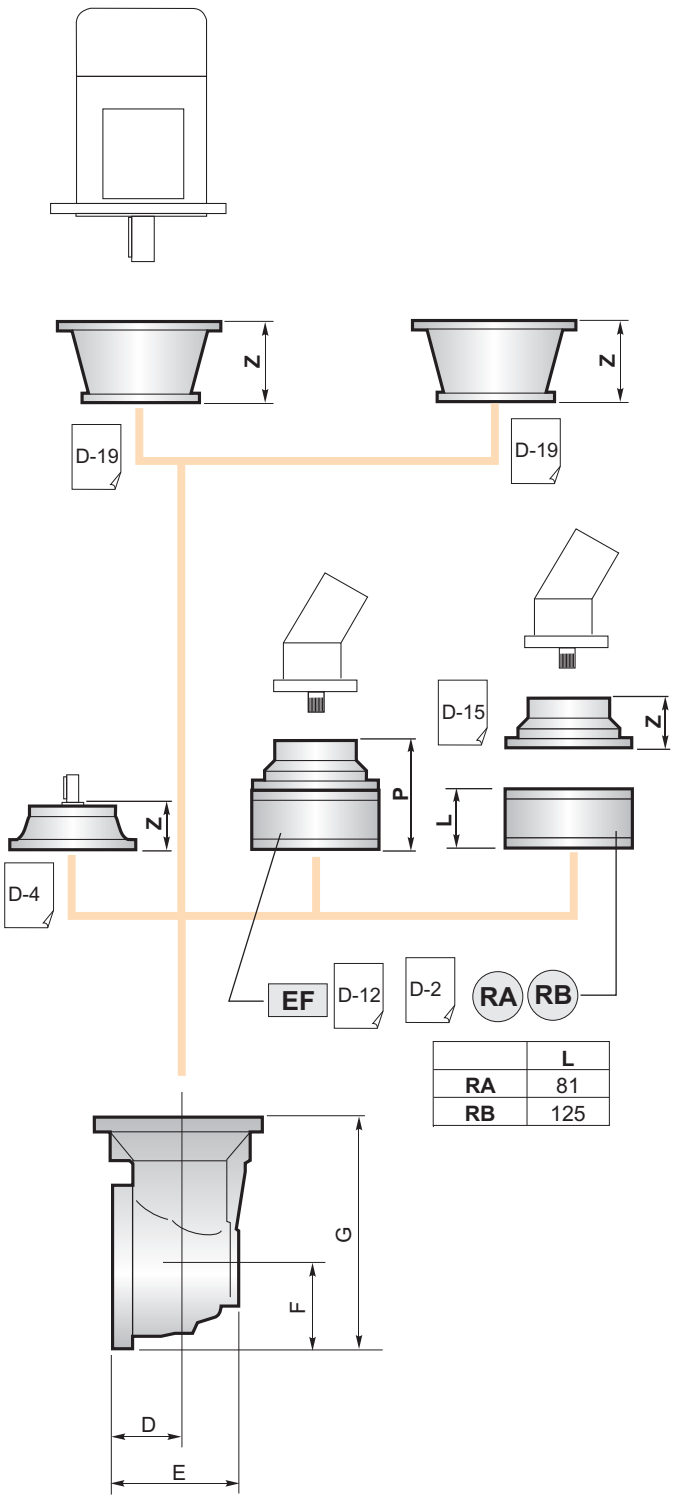
PGA ...F	A	B	RA	RB	EF
PGA 3502	287	315		•	
PGA 3503	444	240	•	o	•
PGA 3504	482	240	•		•



PGA ...FS	A	B	RA	RB	EF
PGA 3502	287	315		•	
PGA 3503	444	240	•	o	•
PGA 3504	482	240	•		•



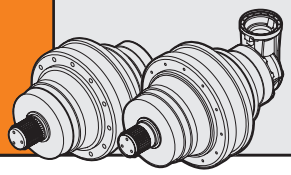
PGA ...CPC	A	B	RA	RB	EF
PGA 3502	499.5	315		•	
PGA 3503	656.5	240	•	o	•
PGA 3504	694.5	240	•		•



	L
RA	81
RB	125

	D	E	F	G
PGA 3502	88	256	235	550
PGA 3503	88	256	235	550
PGA 3504	88	164	140	380

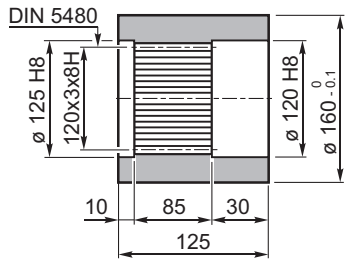
A	B+16.5	o



3500

BS

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



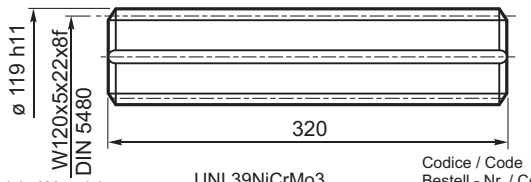
Materiale / Material
Material / Matière
Material / Material

UNI C40
SAE 1040
DIN Ck40

Codice / Code
Bestell - Nr. / Code
Código / Código
1719.104.076

KB

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



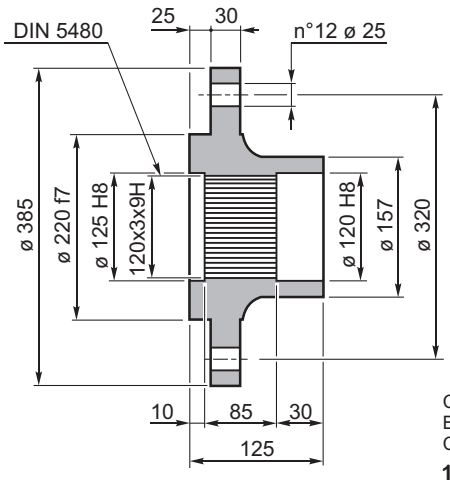
Materiale / Material
Material / Matière
Material / Material

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

Codice / Code
Bestell - Nr. / Code
Código / Código
1703.588.042

FL

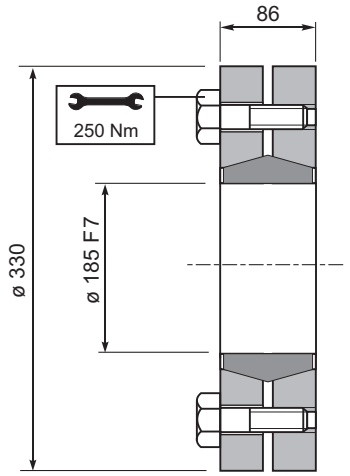
Flangia / Flange
Flansch / Bride
Brida / Flange



Codice / Code
Bestell - Nr. / Code
Código / Código
1719.103.098

GA

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



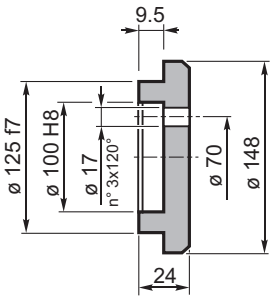
Coppia max.
Max. torque
Max. Drehmoment
Couple max.
Momento máx.
Torque máx.

52 kNm

Codice / Code
Bestell - Nr. / Code
Código / Código
9015.185.000

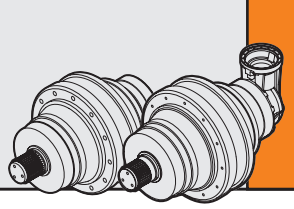
FF

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



Codice / Code
Bestell - Nr. / Code
Código / Código
5701.005.000

haumea mechanics on demand



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.

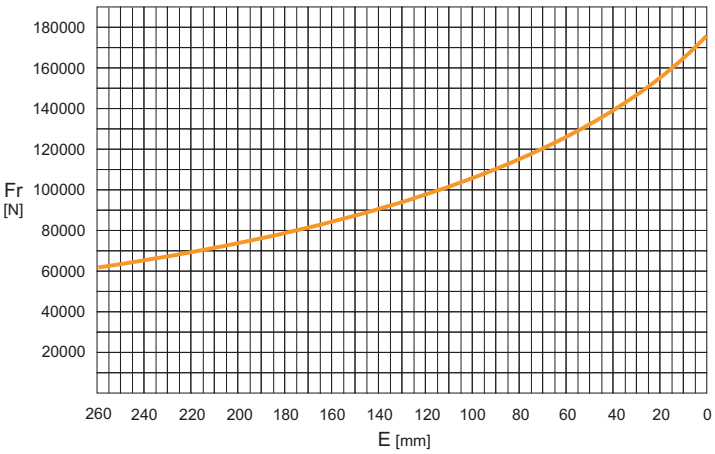
RADIALLAST (Fr)
In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient K dargestellt und kann mit dem gewünschten Wert $n_2$xh verglichen werden.

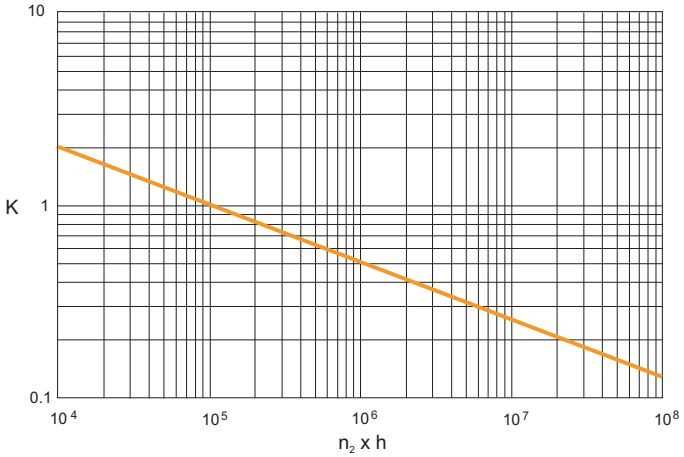
CHARGES RADIALES (Fr)
Dans les diagrammes suivants sont indiqués les charges radiales et les facteurs K de façon à obtenir la valeur $n_2$xh désirée.

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

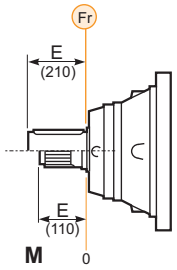
CARGAS RADIAIS (Fr)
Nos diagramas seguintes são indicadas as cargas radiais e os coeficientes K para obter o valor $n_2$xh desejado.

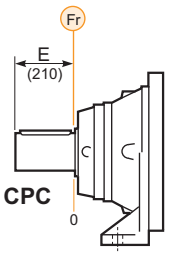
M - CPC*





	n x h				
	10^5	10^4	10^6	10^7	10^8
M	Fr	Fr • K			
***CPC**	Fr • 0.75	Fr • K • 0.75			





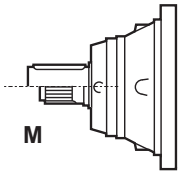
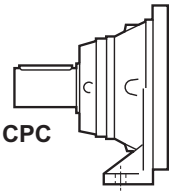
CARICHI ASSIALI (Fa)
I valori dei carichi assiali indicati in tabella sono riferiti alle versioni e alla direzione di applicazione del carico.

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	CPC	
	80000	80000	←
	100000	100000	→