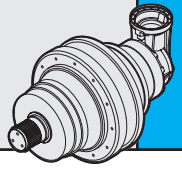


# 31000/31000H

	i	Mc [kNm]				n <sub>1max</sub> [min <sup>-1</sup> ]	Pt [kW]	Kg				
		n <sub>2</sub> x h	n <sub>2</sub> x h	n <sub>2</sub> x h	n <sub>2</sub> x h			M	P	CPC	F	FS
		10.000	20.000	50.000	100.000							
<b>PG 31001</b>	3.43	344.1	309.8	269.7	242.9	200	214	1900	-	-	1750	1858
	4.09	404.7	364.4	317.2	285.5							
	5.25	302.9	272.7	237.4	222.5							
<b>PG 31002</b>	H 14.03	344.1	309.8	269.7	242.9	750	110	2208 (2280-H)	-	-	2058 (2130-H)	2166 (2238-H)
	16.54	346.3	306.5	260.8	230.9							
	H 18.01	344.1	309.8	269.7	242.9							
	21.23	302.9	272.7	237.4	222.5							
	H 25.48	340.1	306.2	266.6	254.8							
	29.64	145.1	128.4	109.3	96.7							
<b>PG 31003</b>	H 56.11	344.1	309.8	264.6	234.2	1500	81	2382 (2464-H)	-	-	2232 (2314-H)	2340 (2422-H)
	66.15	330.0	292.1	248.6	220.0							
	H 72.03	344.1	309.8	269.7	242.9							
	H 84.74	344.1	309.8	269.7	242.9							
	107.47	302.9	272.7	237.4	222.5							
	H 129.71	302.9	272.7	237.4	222.5							
	139.71	302.9	272.7	237.4	222.5							
	167.92	293.6	259.9	221.2	195.7							
<b>PG 31004</b>	H 199.52	344.1	307.7	261.8	231.8	2800	65	2402 (2514-H)	-	-	2252 (2359-H)	2360 (2467-H)
	H 256.11	344.1	309.8	269.7	242.9							
	H 308.70	344.1	309.8	269.7	242.9							
	394.06	302.9	272.7	237.4	222.5							
	H 433.06	302.9	272.7	237.4	222.5							
	488.86	302.9	272.7	236.1	208.9							
	H 555.88	302.9	272.7	237.4	222.5							
	618.72	302.9	272.7	237.4	222.5							
	698.56	302.9	272.7	237.4	222.5							
	743.66	293.6	259.9	221.2	195.7							
	839.61	293.6	259.9	221.2	195.7							
	973.95	293.6	259.9	221.2	195.7							
	<b>PG 31005</b>	H 1154.57	346.1	306.4	260.7							
H 1273.39		344.1	309.8	269.7	242.9							
H 1391.67		346.1	306.4	260.7	230.7							
1529.06		302.9	272.7	236.1	208.9							
H 1594.95		344.1	309.8	269.7	242.9							
1669.60		302.9	272.7	236.1	208.9							
H 1743.10		346.1	306.4	260.7	230.7							
1846.79		302.9	272.7	236.1	208.9							
1935.27		302.9	272.7	237.4	222.5							
H 2024.24		346.1	306.4	260.7	230.7							
2113.14		302.9	272.7	237.4	222.5							
H 2277.65		307.1	271.8	231.1	204.8							
2364.35		302.9	270.7	230.6	203.9							
2525.76		302.9	272.7	236.1	208.9							
2646.76		302.9	272.7	237.4	222.5							
H 2767.06		302.9	272.7	237.4	222.5							
2855.65		302.9	272.7	234.9	208.2							
3609.22		302.9	272.7	237.4	222.5							
4485.75		302.9	272.7	237.4	222.5							
5064.55		302.9	272.7	237.4	222.5							
H 6347.48	302.9	272.7	237.4	222.5								
8522.08	270.8	239.7	204.2	180.6								

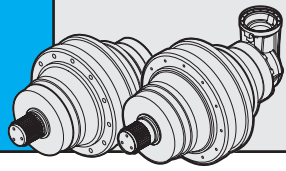
# 31000/31000H



	i	Mc [kNm]				n <sub>1max</sub> [min <sup>-1</sup> ]	Pt [kW]	Kg				
		n <sub>2</sub> x h	n <sub>2</sub> x h	n <sub>2</sub> x h	n <sub>2</sub> x h			M	P	CPC	F	FS
		10.000	20.000	50.000	100.000							
<b>PGA 31004</b>	264.13	251.0	203.9	155.0	125.9	2500	56	2498 (2580-H)	-	-	2348 (2430-H)	2456 (2538-H)
	339.05	298.9	242.9	184.6	150.0							
	429.11	302.9	272.7	217.7	176.8							
	515.76	293.6	259.9	221.2	195.7							
	H 605.29	302.9	248.0	188.3	152.9							
	651.99	302.9	261.2	198.3	161.0							
	783.64	293.6	259.9	221.2	183.1							
<b>PGA 31005</b>	H 931.09	344.1	307.7	239.5	194.4	2800	48	2518 (2630-H)	-	-	2368 (2480-H)	2476 (2588-H)
	H 1036.22	346.1	306.4	260.7	230.7							
	H 1195.16	344.1	309.8	269.7	231.6							
	H 1338.25	345.5	305.9	260.4	230.4							
	H 1457.55	326.3	288.8	245.6	217.7							
	H 1574.41	346.1	306.4	260.7	230.7							
	1688.78	294.5	239.3	181.8	147.7							
	1769.68	302.9	247.2	187.9	152.6							
	H 1829.33	302.9	272.7	237.4	222.5							
	1906.68	280.2	248.1	197.9	160.8							
	H 2020.94	302.9	272.7	237.4	222.5							
	2137.41	302.9	272.7	214.4	174.2							
	H 2214.57	326.3	288.8	245.6	217.7							
	2413.20	302.9	272.7	233.4	189.6							
	2569.00	293.6	259.9	221.2	195.7							
	2900.48	293.6	259.9	221.2	195.7							
	3364.56	293.6	259.9	221.2	195.7							
	4571.23	293.6	259.9	221.2	192.5							
	5302.63	293.6	259.9	221.2	195.7							
	6399.72	270.8	239.7	204.2	180.6							

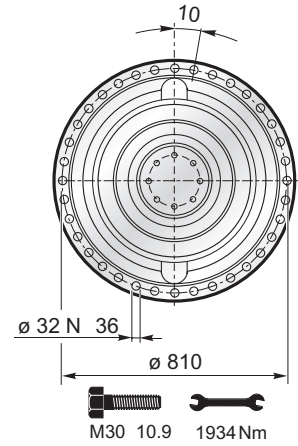
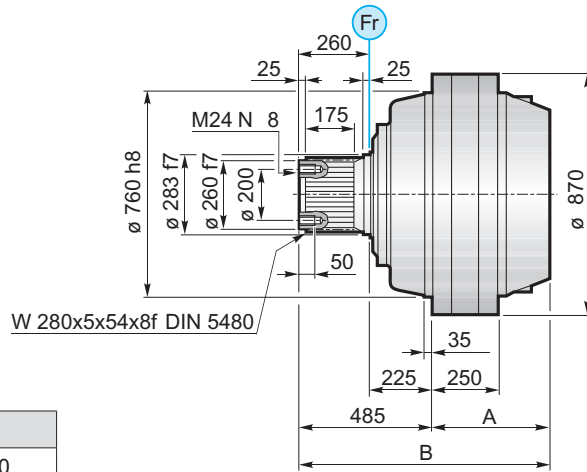
(n<sub>2</sub> x h = 20.000)

$$M_{\max} = M_c \times 1.8$$



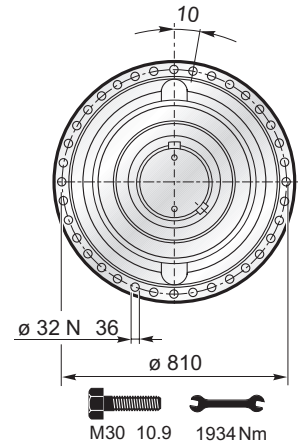
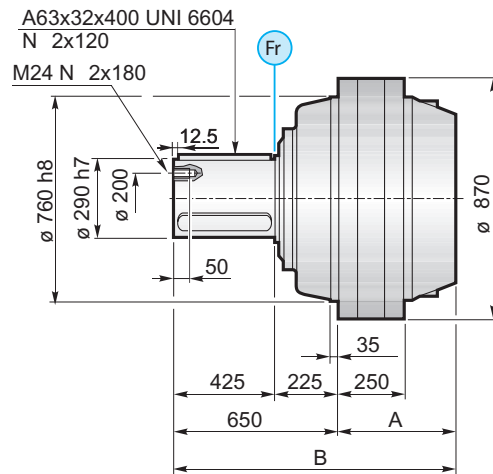
# 31000/31000H

## MS



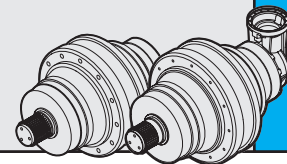
MS	A	B
PG31000	485	970
PG31000H	497.5	982.5

## MC

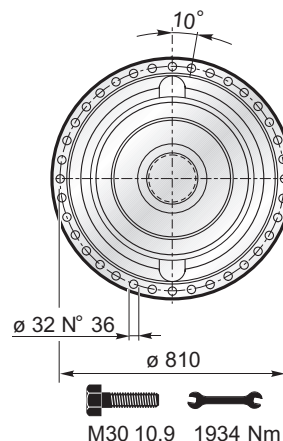
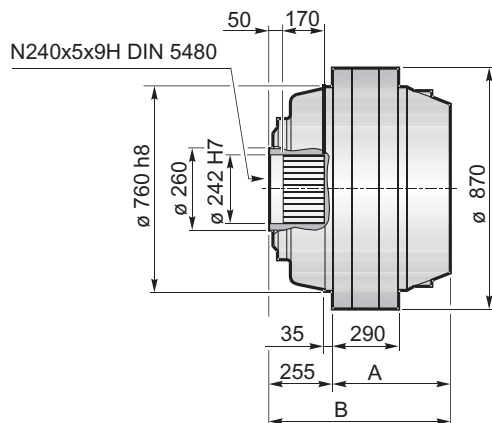


MC	A	B
PG31000	485	1135
PG31000H	497.5	1147.5

# 31000/31000H

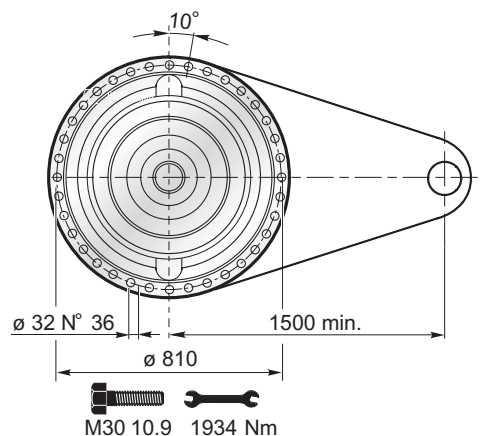
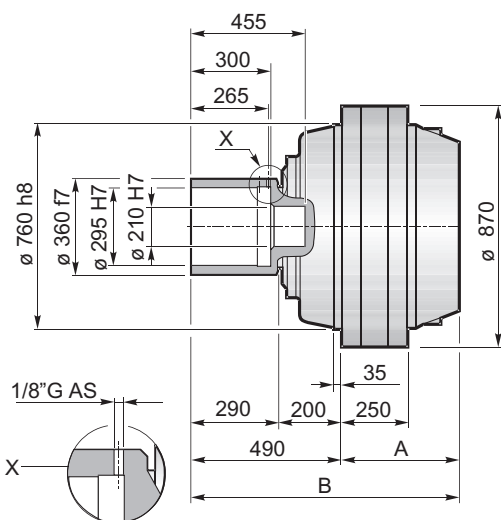


F



F	A	B
PG31000	485	740
PG31000H	497.5	752.5

FS

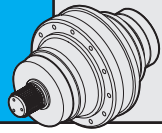


$M_{max} = 753 \text{ kNm}$

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

FS	A	B
PG31000	485	975
PG31000H	497.5	987.5





# 31000/31000H

	PG ...MS						Vers. H					
	A	B	RA	RB	EF	EDF	A	B	RA	RB	EF	EDF
PG31001	485	970					497.5	982.5				
PG31002	740	1225					766	1251				
PG31003	922	1407					943	1428				
PG31004	1016	1501		•			1050	1535		•		
PG31005	1075.5	1560.5	•	o	•		1121.5	1606.5	•	o	•	

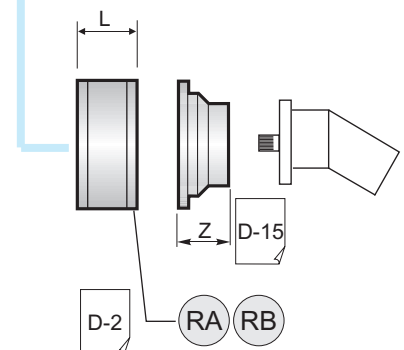
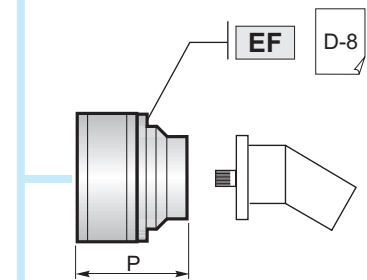
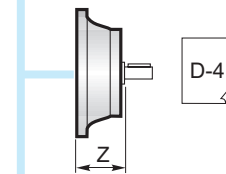
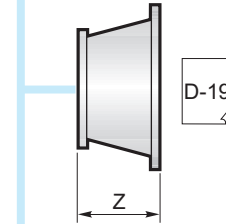
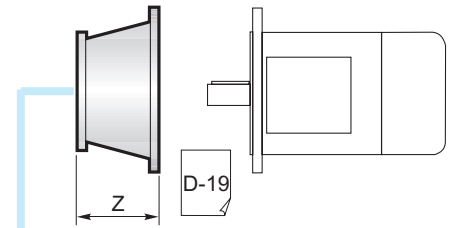
	PG ...MC						Vers. H					
	A	B	RA	RB	EF	EDF	A	B	RA	RB	EF	EDF
PG31001	485	1135					497.5	1147.5				
PG31002	740	1390					766	1416				
PG31003	922	1572					943	1593				
PG31004	1016	1666		•			1050	1700		•		
PG31005	1075.5	1725.5	•	o	•		1121.5	1771.5	•	o	•	

	PG ...F						Vers. H					
	A	B	RA	RB	EF	EDF	A	B	RA	RB	EF	EDF
PG31001	485	740					497.5	752.5				
PG31002	740	995					766	1021				
PG31003	922	1177					943	1198				
PG31004	1016	1271		•			1050	1305		•		
PG31005	1075.5	1330.5	•	o	•		1121.5	1376.5	•	o	•	

	PG ...FS						Vers. H					
	A	B	RA	RB	EF	EDF	A	B	RA	RB	EF	EDF
PG31001	485	975					497.5	987.5				
PG31002	740	1230					766	1256				
PG31003	922	1412					943	1433				
PG31004	1016	1506		•			1050	1540		•		
PG31005	1075.5	1565.5	•	o	•		1121.5	1611.5	•	o	•	

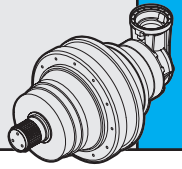


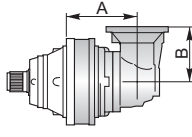
A	B	•
A+13.5	B+13.5	o

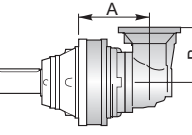


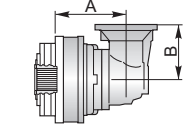
	L
RA	81
RB	125

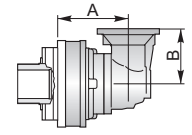
# 31000/31000H



	PGA...MS						Vers. H					
	A	B	RA	RB	EF	EDF	A	B	RA	RB	EF	EDF
PGA31004	1002	315		•			1028	315		•		
PGA31005	1104	240	•	o	•		1138	240	•	o	•	

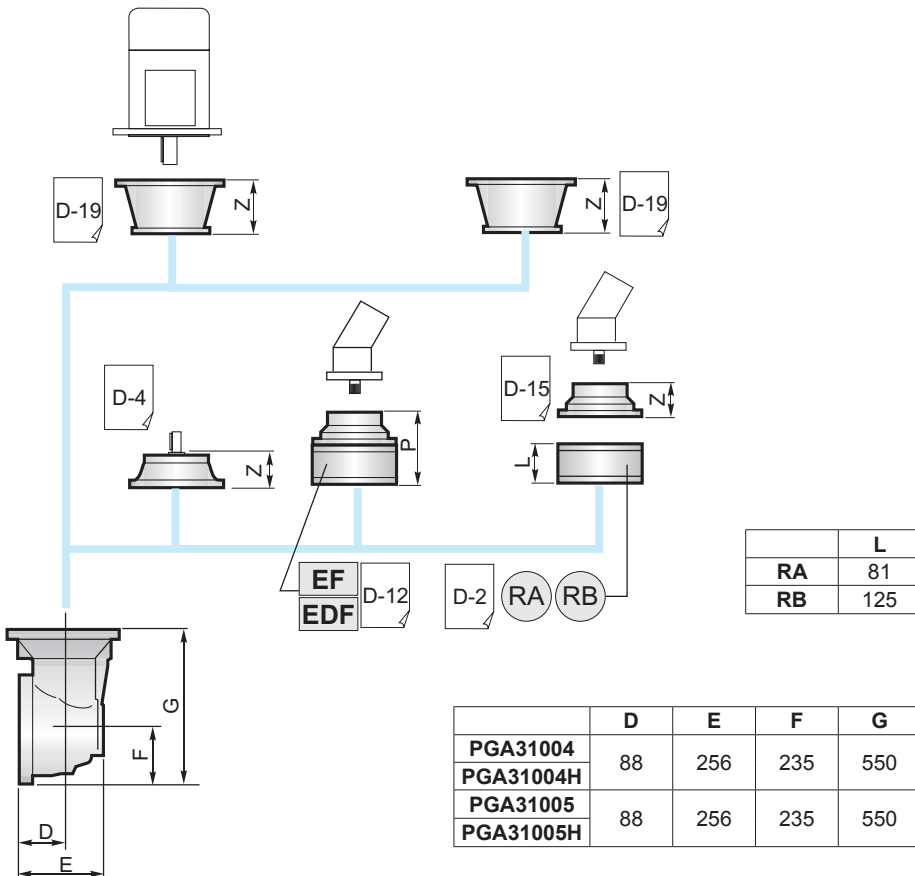
	PGA ...MC						Vers. H					
	A	B	RA	RB	EF	EDF	A	B	RA	RB	EF	EDF
PGA31004	1002	315	•	o	•		1028	315		•		
PGA31005	1104	240	•			•	1138	240	•	o	•	

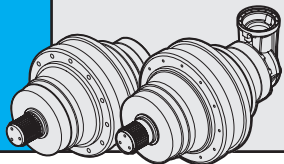
	PGA ...F						Vers. H					
	A	B	RA	RB	EF	EDF	A	B	RA	RB	EF	EDF
PGA31004	1002	315	•	o	•		1028	315		•		
PGA31005	1104	240	•			•	1138	240	•	o	•	

	PGA...FS						Vers. H					
	A	B	RA	RB	EF	EDF	A	B	RA	RB	EF	EDF
PGA31004	1002	315	•	o	•		1028	315		•		
PGA31005	1104	240	•			•	1138	240	•	o	•	



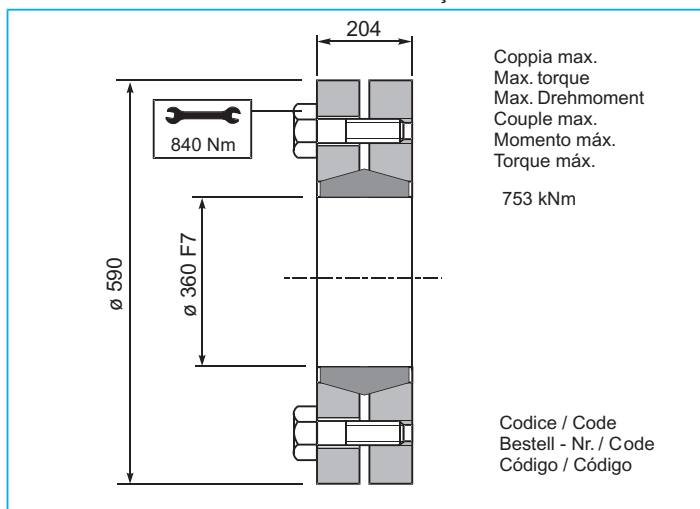
B	•
B+16.5	o

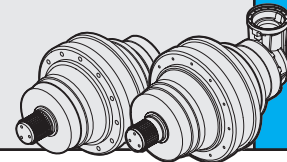




# 31000/31000H

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





## 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.

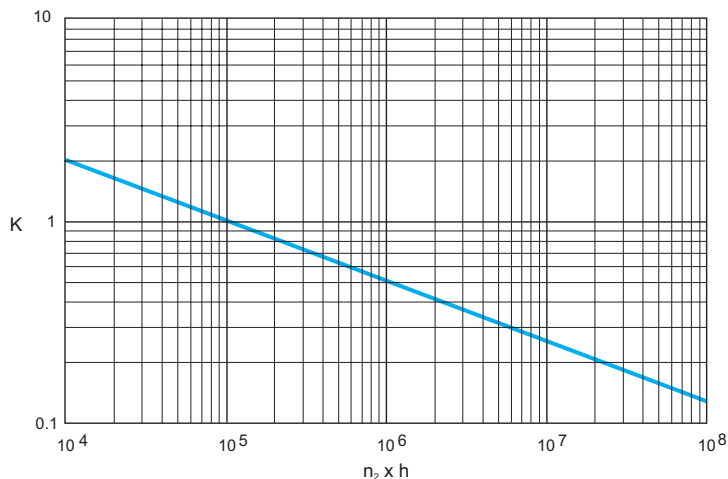
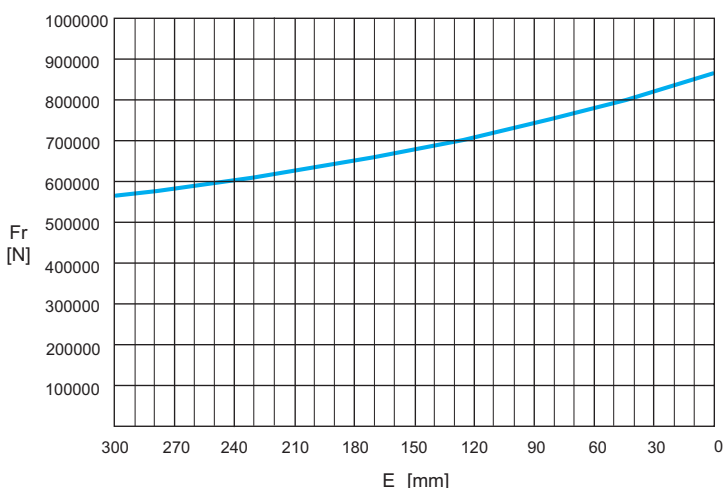
## CARGAS RADIALES (Fr)

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

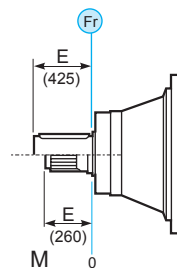
## CARGAS RADIAIS (Fr)

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

### M



	$n_2 \times h$				
	$10^5$	$10^4$	$10^6$	$10^7$	$10^8$
M	Fr		Fr • K		



## 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	
		240000
	160500	→

