



# 9000

IT EN DE FR ES PT

|                | i       | Mc [kNm]           |                    |                    |                    | n <sub>1max</sub><br>[min <sup>-1</sup> ] | Pt<br>[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 9001</b> | 4.04    | 111.85             | 99.00              | 84.25              | 74.57              | 750                                       | 80         | 519 | - | 691 | 423 | 445 |
|                | 5.12    | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
| <b>PG 9002</b> | 16.17   | 106.58             | 94.34              | 80.30              | 71.06              | 1500                                      | 65         | 635 | . | 807 | 539 | 561 |
|                | 20.47   | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 21.03   | 82.41              | 72.93              | 62.08              | 54.93              |                                           |            |     |   |     |     |     |
|                | 26.61   | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 31.99   | 77.20              | 68.34              | 58.17              | 51.47              |                                           |            |     |   |     |     |     |
| <b>PG 9003</b> | 59.30   | 73.98              | 65.49              | 55.69              | 49.35              | 2500                                      | 45         | 662 | - | 834 | 566 | 588 |
|                | 75.06   | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 93.12   | 82.41              | 72.93              | 62.08              | 54.93              |                                           |            |     |   |     |     |     |
|                | 97.58   | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 105.13  | 73.65              | 65.20              | 55.47              | 49.10              |                                           |            |     |   |     |     |     |
|                | 117.85  | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 133.06  | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 141.65  | 77.20              | 68.34              | 58.17              | 51.47              |                                           |            |     |   |     |     |     |
|                | 159.93  | 77.20              | 68.34              | 58.17              | 51.47              |                                           |            |     |   |     |     |     |
|                | 185.51  | 77.20              | 68.34              | 58.17              | 51.47              |                                           |            |     |   |     |     |     |
| <b>PG 9004</b> | 224.04  | 73.98              | 65.49              | 55.69              | 49.35              | 2800                                      | 30         | 673 | - | 845 | 577 | 599 |
|                | 244.63  | 73.98              | 65.49              | 55.69              | 49.35              |                                           |            |     |   |     |     |     |
|                | 283.56  | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 309.62  | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 351.77  | 82.41              | 72.93              | 62.08              | 54.93              |                                           |            |     |   |     |     |     |
|                | 402.50  | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 445.22  | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 468.39  | 82.01              | 72.61              | 61.74              | 54.71              |                                           |            |     |   |     |     |     |
|                | 504.15  | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 548.87  | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 585.46  | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 687.47  | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 798.35  | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 854.43  | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 964.68  | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 1113.09 | 77.20              | 68.34              | 58.17              | 51.47              |                                           |            |     |   |     |     |     |
|                | 1344.98 | 77.20              | 68.34              | 58.17              | 51.47              |                                           |            |     |   |     |     |     |
| <b>PG 9005</b> | 1431.12 | 89.26              | 79.00              | 67.23              | 59.50              | 2800                                      | 26         | 679 | - | 851 | 583 | 605 |
|                | 1579.81 | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 1662.02 | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 1787.26 | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 1908.08 | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 2064.28 | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 2154.29 | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 2493.23 | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 3429.96 | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 4470.78 | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 5402.19 | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 6511.57 | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 7405.04 | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |
|                | 8360.53 | 89.26              | 79.00              | 67.23              | 59.50              |                                           |            |     |   |     |     |     |

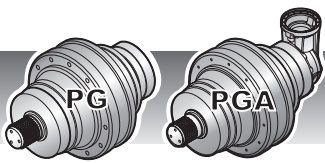


|                 | i              | Mc [kNm]           |                    |                    |                    | n <sub>1max</sub><br>[min <sup>-1</sup> ] | Pt<br>[kW] | Kg  |   |     |     |     |
|-----------------|----------------|--------------------|--------------------|--------------------|--------------------|-------------------------------------------|------------|-----|---|-----|-----|-----|
|                 |                | 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 9003</b> | <b>49.68</b>   | 77.93              | 63.32              | 48.12              | 39.09              | 2500                                      | 45         | 699 | - | 871 | 603 | 625 |
|                 | <b>62.87</b>   | 89.26              | 74.67              | 56.74              | 46.10              |                                           |            |     |   |     |     |     |
|                 | <b>81.74</b>   | 89.26              | 79.00              | 67.23              | 55.40              |                                           |            |     |   |     |     |     |
|                 | <b>98.12</b>   | 78.00              | 69.39              | 52.68              | 42.77              |                                           |            |     |   |     |     |     |
|                 | <b>124.19</b>  | 89.26              | 79.00              | 62.13              | 50.44              |                                           |            |     |   |     |     |     |
|                 | <b>149.26</b>  | 77.20              | 68.34              | 58.17              | 51.47              |                                           |            |     |   |     |     |     |
| <b>PGA 9004</b> | <b>247.44</b>  | 67.54              | 59.80              | 48.86              | 39.69              | 2800                                      | 30         | 720 | - | 892 | 624 | 646 |
|                 | <b>266.33</b>  | 82.41              | 67.70              | 51.44              | 41.79              |                                           |            |     |   |     |     |     |
|                 | <b>313.17</b>  | 82.01              | 72.61              | 57.62              | 46.81              |                                           |            |     |   |     |     |     |
|                 | <b>337.08</b>  | 89.26              | 79.00              | 60.66              | 49.28              |                                           |            |     |   |     |     |     |
|                 | <b>407.13</b>  | 89.26              | 79.00              | 67.23              | 56.25              |                                           |            |     |   |     |     |     |
|                 | <b>489.33</b>  | 77.20              | 68.34              | 58.17              | 51.47              |                                           |            |     |   |     |     |     |
|                 | <b>724.43</b>  | 70.28              | 65.55              | 59.79              | 54.65              |                                           |            |     |   |     |     |     |
|                 | <b>840.34</b>  | 75.66              | 66.94              | 56.95              | 50.48              |                                           |            |     |   |     |     |     |
|                 | <b>1010.02</b> | 77.20              | 68.34              | 58.17              | 51.47              |                                           |            |     |   |     |     |     |



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

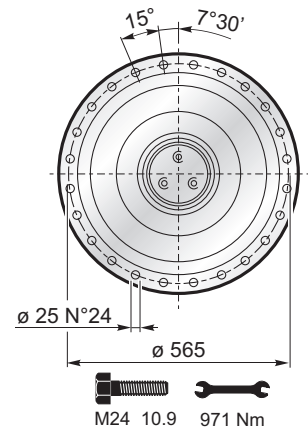
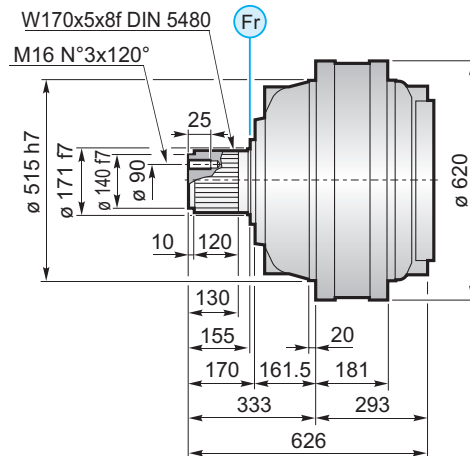
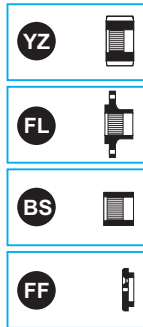
$$M_{\max} = M_c \times 2$$



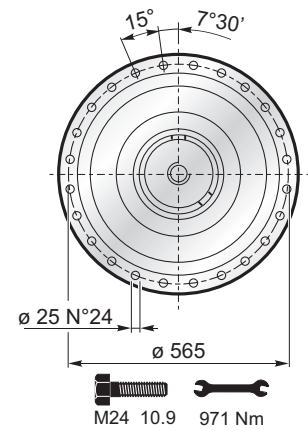
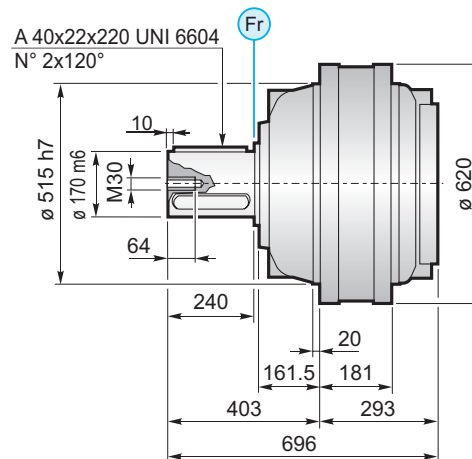
# 9000

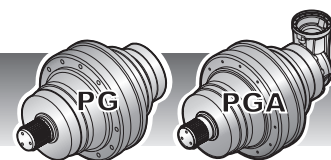
IT EN DE FR ES PT

## MS

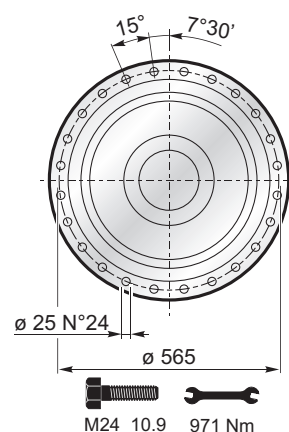
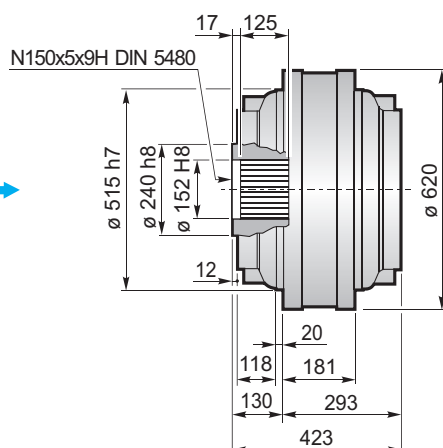


## MC

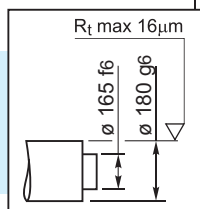
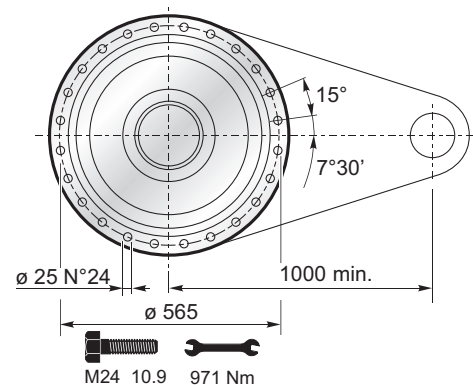
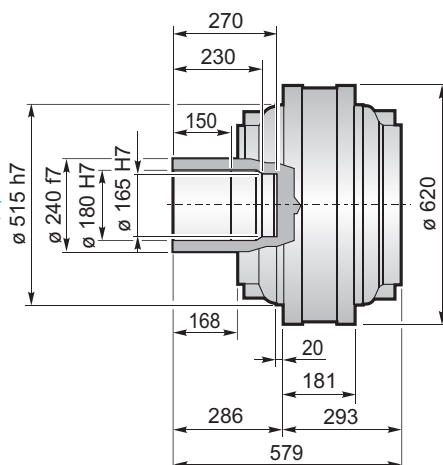




F



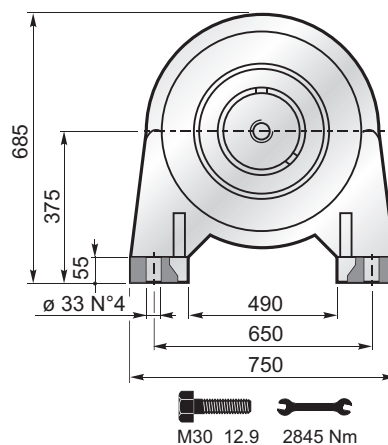
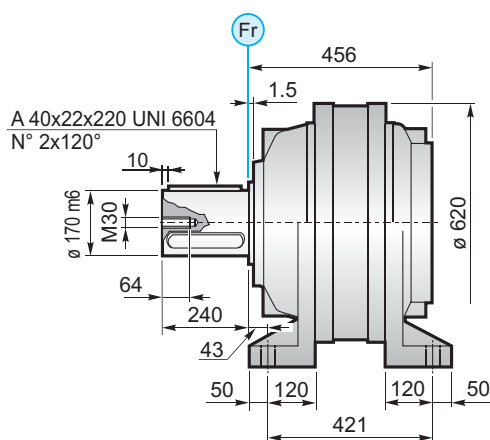
FS


$$M_{\max} = 176 \text{ kNm}$$

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

9000

# CPC



 M30 12.9 2845 Nm

FL YZ BS FF KB GA → B-114



# 9000

IT EN DE FR ES PT

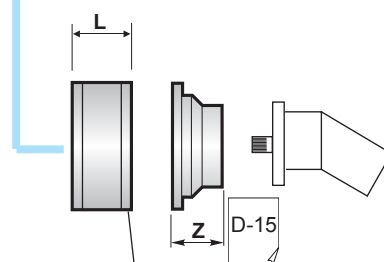
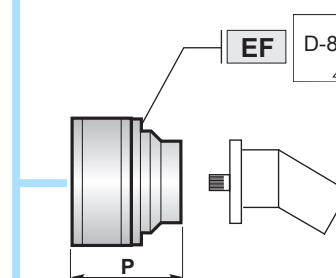
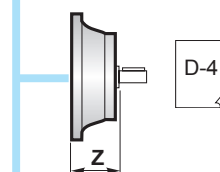
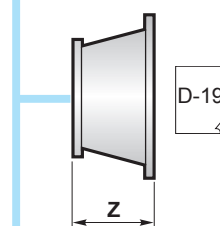
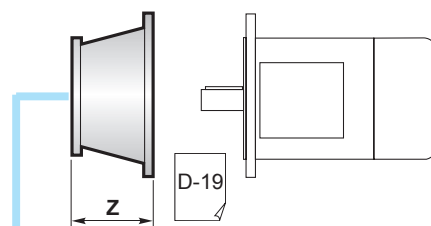
|         | PG ...MS |       |    |    |    |     |
|---------|----------|-------|----|----|----|-----|
|         | A        | B     | RA | RB | EF | EDF |
| PG 9001 | 293      | 626   |    |    |    |     |
| PG 9002 | 475      | 808   |    |    |    |     |
| PG 9003 | 569      | 902   |    | •  |    |     |
| PG 9004 | 628.5    | 961.5 | •  | o  | •  |     |

|         | PG ...MC |        |    |    |    |     |
|---------|----------|--------|----|----|----|-----|
|         | A        | B      | RA | RB | EF | EDF |
| PG 9001 | 293      | 696    |    |    |    |     |
| PG 9002 | 475      | 878    |    |    |    |     |
| PG 9003 | 569      | 972    |    | •  |    |     |
| PG 9004 | 628.5    | 1031.5 | •  | o  | •  |     |

|         | PG ...F |       |    |    |    |     |
|---------|---------|-------|----|----|----|-----|
|         | A       | B     | RA | RB | EF | EDF |
| PG 9001 | 293     | 423   |    |    |    |     |
| PG 9002 | 475     | 605   |    |    |    |     |
| PG 9003 | 569     | 699   |    | •  |    |     |
| PG 9004 | 628.5   | 758.5 | •  | o  | •  |     |

|         | PG ...FS |       |    |    |    |     |
|---------|----------|-------|----|----|----|-----|
|         | A        | B     | RA | RB | EF | EDF |
| PG 9001 | 293      | 579   |    |    |    |     |
| PG 9002 | 475      | 761   |    |    |    |     |
| PG 9003 | 569      | 855   |    | •  |    |     |
| PG 9004 | 628.5    | 914.5 | •  | o  | •  |     |

|         | PG ...CPC |        |    |    |    |     |
|---------|-----------|--------|----|----|----|-----|
|         | A         | B      | RA | RB | EF | EDF |
| PG 9001 | 456       | 696    |    |    |    |     |
| PG 9002 | 638       | 878    |    |    |    |     |
| PG 9003 | 732       | 972    |    | •  |    |     |
| PG 9004 | 791.5     | 1031.5 | •  | o  | •  |     |



|    |     | L |
|----|-----|---|
| RA | 81  |   |
| RB | 125 |   |



|        |        |   |
|--------|--------|---|
| A+13.5 | B+13.5 | o |
|--------|--------|---|



comer industries  
planetary drives & axles



Technical drawing of a mechanical component, likely a bearing or housing, showing dimensions A and B. Dimension A is the outer diameter, and dimension B is the inner diameter.

|                 | PGA | ...MS |    |    |    |
|-----------------|-----|-------|----|----|----|
|                 | A   | B     | RA | RB | EF |
| <b>PGA 9003</b> | 555 | 315   |    | •  |    |
| <b>PGA 9004</b> | 657 | 240   | •  | o  | •  |

|                 | PGA | ...MC |    |   |    |
|-----------------|-----|-------|----|---|----|
|                 | A   | B     | RA |   | EF |
| <b>PGA 9003</b> | 555 | 315   |    | • |    |
| <b>PGA 9004</b> | 657 | 240   | •  | o | •  |

Technical drawing of a mechanical component, likely a bearing or seal, showing dimensions A and B. Dimension A is the outer diameter, and dimension B is the inner diameter.

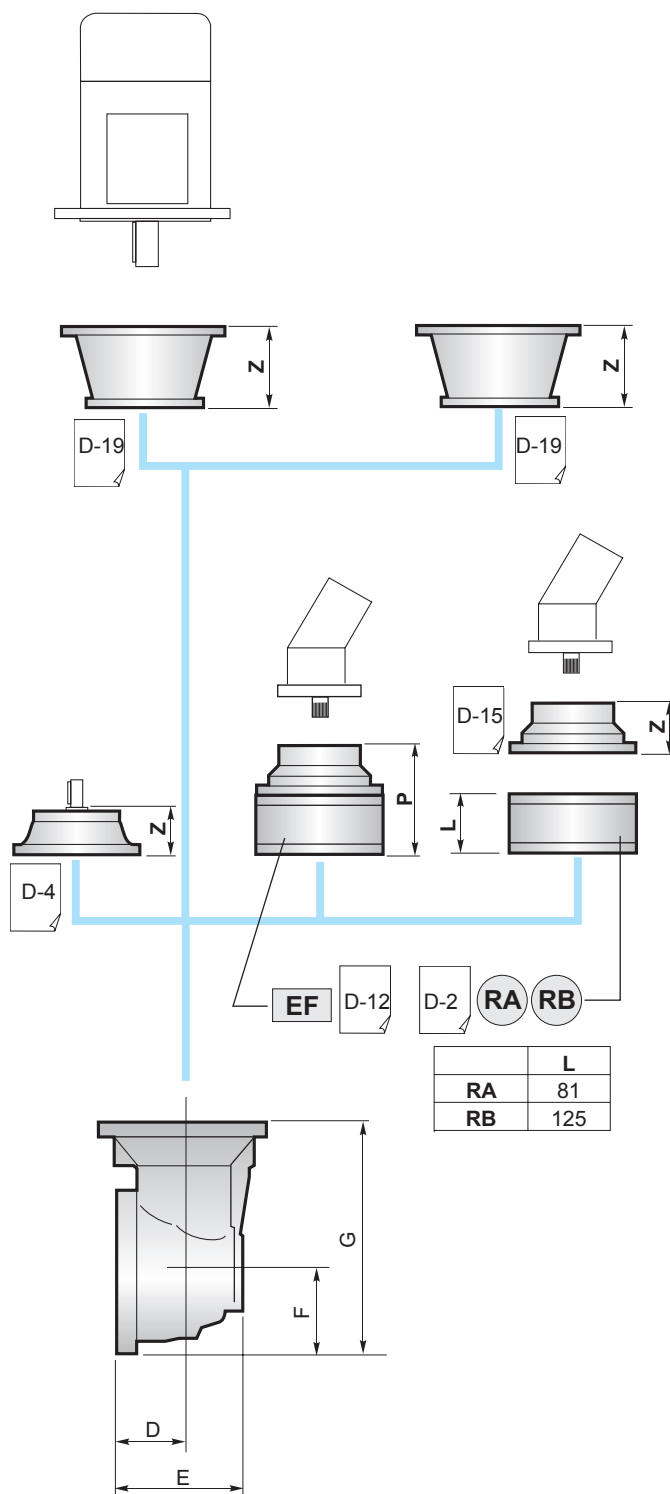
|                 | PGA | ...F |    |    |    |
|-----------------|-----|------|----|----|----|
|                 | A   | B    | RA | RB | EF |
| <b>PGA 9003</b> | 555 | 315  |    | •  |    |
| <b>PGA 9004</b> | 657 | 240  | •  | o  | •  |

Technical drawing of a mechanical component, likely a bearing or pulley, showing dimensions A and B. Dimension A is the outer diameter, and dimension B is the inner diameter.

|                 | PGA | ...FS |    |    |    |
|-----------------|-----|-------|----|----|----|
|                 | A   | B     | RA | RB | EF |
| <b>PGA 9003</b> | 555 | 315   |    | •  |    |
| <b>PGA 9004</b> | 657 | 240   | •  | o  | •  |

Technical drawing of a mechanical component, likely a pump or motor housing, showing dimensions A and B. Dimension A is the total length of the component, and dimension B is the height of the main body.

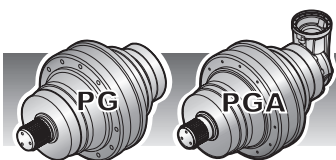
|                 | PGA | ...CPC |    |    |    |
|-----------------|-----|--------|----|----|----|
|                 | A   | B      | RA | RB | EF |
| <b>PGA 9003</b> | 718 | 315    |    | •  |    |
| <b>PGA 9004</b> | 820 | 240    | •  | o  | •  |



|          | D  | E   | F   | G   |
|----------|----|-----|-----|-----|
| PGA 9003 | 88 | 256 | 235 | 550 |
| PGA 9004 | 88 | 164 | 140 | 380 |



|        |   |
|--------|---|
| B+16.5 | o |
|--------|---|

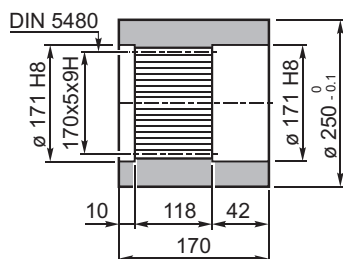


# 9000

IT EN DE FR ES PT

**BS**

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



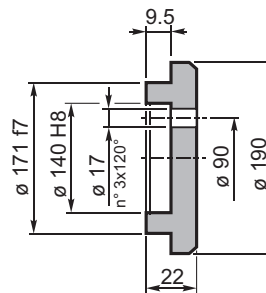
Materiale / Material  
Material / Matière  
Material / Material  
UNI C40  
SAE 1040  
DIN Ck40

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

**1721.115.076**

**FF**

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

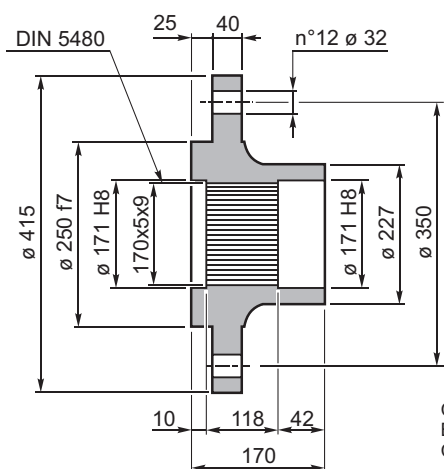


Codice / Code  
Bestell - Nr. / Code  
Código / Código

**5701.044.000**

**FL**

Flangia / Flange  
Flansch / Bride  
Brida / Flange

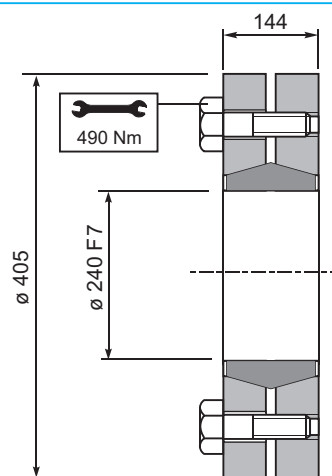


Codice / Code  
Bestell - Nr. / Code  
Código / Código

**1721.133.098**

**GA**

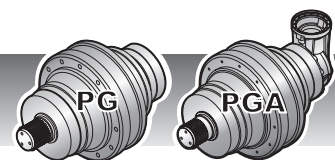
Giunto di attrito / Shrink disc  
Schrumpfscheibe / Frette de serrage  
Disco de contracción / Disco de contração



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

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

**9015.240.000**

**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)**

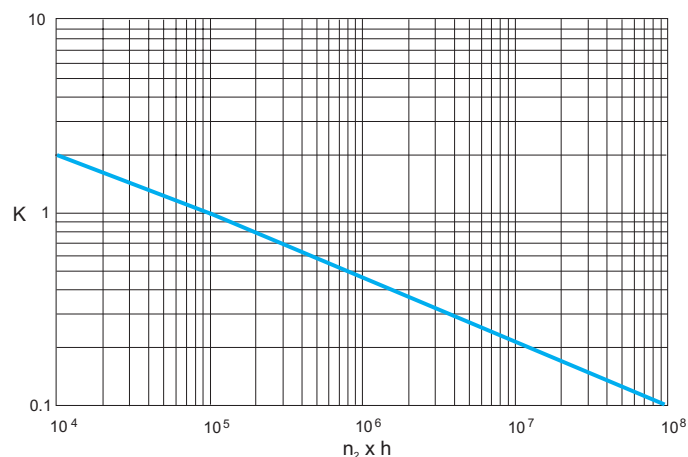
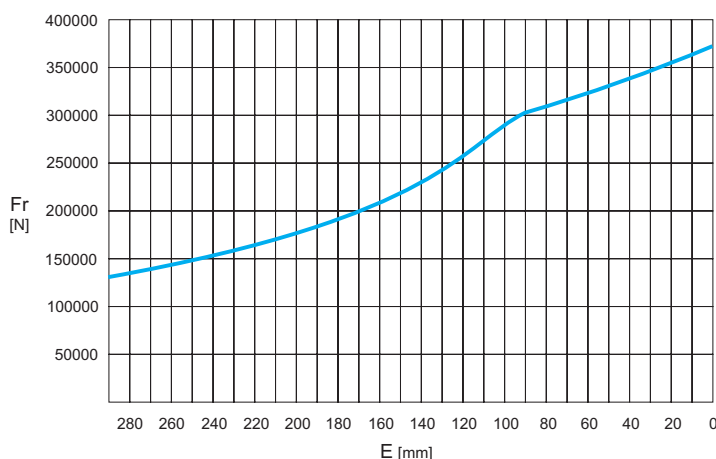
Dans les diagrammes suivants sont indiqués les charges radiales et les facteurs K de façon à obtenir la valeur  $n_2 \times h$  désirée.

**CARGAS RADIALES (Fr)**

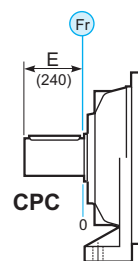
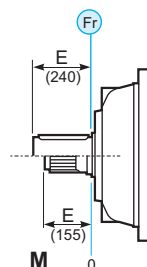
En los siguientes diagramas se indican las cargas radiales y los coeficientes K para obtener el valor requerido  $n_2 \times h$ .

**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 - CPC\***

|             | $n_2 \times h$ |        |               |        |        |
|-------------|----------------|--------|---------------|--------|--------|
|             | $10^5$         | $10^4$ | $10^6$        | $10^7$ | $10^8$ |
| <b>M</b>    | Fr             |        | Fr • K        |        |        |
| <b>*CPC</b> | 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<br>[N] | M     | CPC   |   |
|-----------|-------|-------|---|
|           | 40000 | 40000 | ← |
|           | 70000 | 70000 | → |

