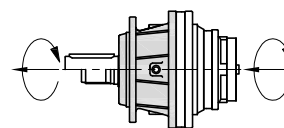


# PX 1230

PX 123 . . . . .



| i | T <sub>2</sub> (Nm) |       |       |        |        |         | n <sub>1max</sub><br>(min <sup>-1</sup> ) | T <sub>2max</sub><br>(Nm) | P <sub>t</sub><br>(kW) |
|---|---------------------|-------|-------|--------|--------|---------|-------------------------------------------|---------------------------|------------------------|
|   | n <sub>2</sub> x h  |       |       |        |        |         |                                           |                           |                        |
|   | 10000               | 25000 | 50000 | 100000 | 500000 | 1000000 |                                           |                           |                        |

|             |             |       |       |       |       |       |       |      |       |    |
|-------------|-------------|-------|-------|-------|-------|-------|-------|------|-------|----|
| <b>1231</b> | <b>3.55</b> | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 40 |
|             | <b>4.28</b> | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 40 |
|             | <b>5.60</b> | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 40 |
|             | <b>6.75</b> | 11100 | 9400  | 8485  | 8485  | 8075  | 6710  | 2800 | 18800 | 40 |
|             | <b>8.67</b> | 7350  | 6225  | 5620  | 5600  | 5330  | 4430  | 2800 | 12450 | 40 |

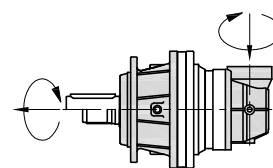
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|-------------|-------------|-------|-------|-------|-------|-------|-------|------|-------|----|
| <b>1232</b> | <b>13.4</b> | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 23 |
|             | <b>16.1</b> | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 23 |
|             | <b>18.3</b> | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 23 |
|             | <b>22.1</b> | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 23 |
|             | <b>25.7</b> | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 23 |
|             | <b>28.9</b> | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 23 |
|             | <b>33.6</b> | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 23 |
|             | <b>40.5</b> | 11100 | 9400  | 8485  | 8485  | 8075  | 6710  | 2800 | 18800 | 23 |
|             | <b>48.9</b> | 11100 | 9400  | 8485  | 8485  | 8075  | 6710  | 2800 | 18800 | 23 |

|             |              |       |       |       |       |       |       |      |       |    |
|-------------|--------------|-------|-------|-------|-------|-------|-------|------|-------|----|
| <b>1233</b> | <b>57.5</b>  | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 15 |
|             | <b>62.8</b>  | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 15 |
|             | <b>75.2</b>  | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 15 |
|             | <b>82.1</b>  | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 15 |
|             | <b>94.8</b>  | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 15 |
|             | <b>109.2</b> | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 15 |
|             | <b>118.4</b> | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 15 |
|             | <b>123.9</b> | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 15 |
|             | <b>129.3</b> | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 15 |
|             | <b>143.9</b> | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 15 |
|             | <b>155.9</b> | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 15 |
|             | <b>173.5</b> | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 15 |
|             | <b>188.1</b> | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 15 |
|             | <b>195.2</b> | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 15 |
|             | <b>209.7</b> | 11100 | 9400  | 8485  | 8485  | 8075  | 6710  | 2800 | 18800 | 15 |
|             | <b>226.8</b> | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 15 |
|             | <b>235.4</b> | 11100 | 9400  | 8485  | 8485  | 8075  | 6710  | 2800 | 18800 | 15 |
|             | <b>274.0</b> | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 15 |
|             | <b>330.3</b> | 11100 | 9400  | 8485  | 8485  | 8075  | 6710  | 2800 | 18800 | 15 |

|             |               |       |       |       |       |       |       |      |       |    |
|-------------|---------------|-------|-------|-------|-------|-------|-------|------|-------|----|
| <b>1234</b> | <b>351.9</b>  | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 11 |
|             | <b>388.5</b>  | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 11 |
|             | <b>421.2</b>  | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 11 |
|             | <b>440.8</b>  | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 11 |
|             | <b>459.9</b>  | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 11 |
|             | <b>507.7</b>  | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 11 |
|             | <b>554.3</b>  | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 11 |
|             | <b>611.9</b>  | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 11 |
|             | <b>640.5</b>  | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 11 |
|             | <b>724.4</b>  | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 11 |
|             | <b>806.4</b>  | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 11 |
|             | <b>907.3</b>  | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 11 |
|             | <b>1008.8</b> | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 11 |
|             | <b>1093.6</b> | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 11 |
|             | <b>1270.0</b> | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 11 |
|             | <b>1530.9</b> | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 11 |
|             | <b>1849.8</b> | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 11 |
|             | <b>2229.7</b> | 7350  | 6225  | 5620  | 5600  | 5330  | 4430  | 2800 | 12450 | 11 |

# PXA 1230

PXA 123 . . . . .



| i | T <sub>2</sub> (Nm) |       |       |        |        |         | n <sub>1max</sub><br>(min <sup>-1</sup> ) | T <sub>2max</sub><br>(Nm) | P <sub>t</sub><br>(kW) |
|---|---------------------|-------|-------|--------|--------|---------|-------------------------------------------|---------------------------|------------------------|
|   | n <sub>2</sub> x h  |       |       |        |        |         |                                           |                           |                        |
|   | 10000               | 25000 | 50000 | 100000 | 500000 | 1000000 |                                           |                           |                        |

|             |             |       |       |       |       |       |       |      |       |    |
|-------------|-------------|-------|-------|-------|-------|-------|-------|------|-------|----|
| <b>1232</b> | <b>15.2</b> | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 23 |
|             | <b>18.3</b> | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 23 |
|             | <b>23.9</b> | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 23 |
|             | <b>28.9</b> | 11100 | 9400  | 8485  | 8485  | 8075  | 6710  | 2800 | 18800 | 23 |
|             | <b>37.1</b> | 7350  | 6225  | 5620  | 5600  | 5330  | 4430  | 2800 | 12450 | 23 |

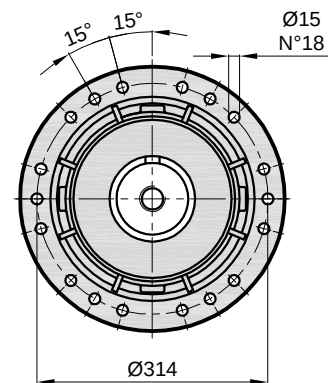
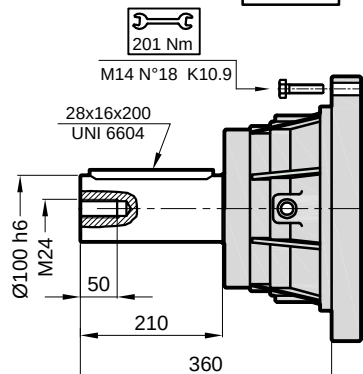
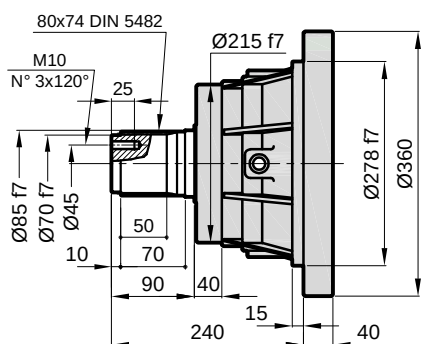
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|-------------|--------------|-------|-------|-------|-------|-------|-------|------|-------|----|
| <b>1233</b> | <b>34.3</b>  | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 15 |
|             | <b>37.4</b>  | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 15 |
|             | <b>41.2</b>  | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 15 |
|             | <b>50.9</b>  | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 15 |
|             | <b>56.6</b>  | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 15 |
|             | <b>65.8</b>  | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 15 |
|             | <b>74.0</b>  | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 15 |
|             | <b>79.4</b>  | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 15 |
|             | <b>86.0</b>  | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 15 |
|             | <b>89.2</b>  | 11100 | 9400  | 8485  | 8485  | 8075  | 6710  | 2800 | 18800 | 15 |
|             | <b>103.9</b> | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 15 |
|             | <b>114.4</b> | 7350  | 6225  | 5620  | 5600  | 5330  | 4430  | 2800 | 12450 | 15 |
|             | <b>133.2</b> | 11100 | 9400  | 8485  | 8485  | 8075  | 6710  | 2800 | 18800 | 15 |
|             | <b>149.8</b> | 11100 | 9400  | 8485  | 8485  | 8075  | 6710  | 2800 | 18800 | 15 |
|             | <b>161.0</b> | 7350  | 6225  | 5620  | 5600  | 5330  | 4430  | 2800 | 12450 | 15 |

|             |              |       |       |       |       |       |       |      |       |    |
|-------------|--------------|-------|-------|-------|-------|-------|-------|------|-------|----|
| <b>1234</b> | <b>139.2</b> | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 11 |
|             | <b>168.5</b> | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 11 |
|             | <b>184.0</b> | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 11 |
|             | <b>220.3</b> | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 11 |
|             | <b>240.6</b> | 21200 | 18140 | 16140 | 15410 | 13340 | 11830 | 2800 | 36280 | 11 |
|             | <b>277.8</b> | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 11 |
|             | <b>320.0</b> | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 11 |
|             | <b>346.9</b> | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 11 |
|             | <b>363.0</b> | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 11 |
|             | <b>378.8</b> | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 11 |
|             | <b>421.6</b> | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 11 |
|             | <b>456.8</b> | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 11 |
|             | <b>508.4</b> | 19750 | 18755 | 18755 | 17215 | 11225 | 9060  | 2800 | 37510 | 11 |
|             | <b>551.3</b> | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 11 |
|             | <b>571.9</b> | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 11 |
|             | <b>614.4</b> | 11100 | 9400  | 8485  | 8485  | 8075  | 6710  | 2800 | 18800 | 11 |
|             | <b>664.5</b> | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 11 |
|             | <b>689.7</b> | 11100 | 9400  | 8485  | 8485  | 8075  | 6710  | 2800 | 18800 | 11 |
|             | <b>802.8</b> | 15800 | 13700 | 12175 | 11635 | 9205  | 7480  | 2800 | 27400 | 11 |
|             | <b>967.9</b> | 11100 | 9400  | 8485  | 8485  | 8075  | 6710  | 2800 | 18800 | 11 |

# PX / PXA 1230

**MLS**

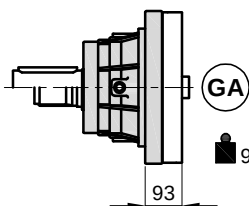
**MLC**



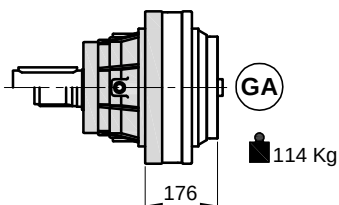
**PX ....**

**PXA ....**

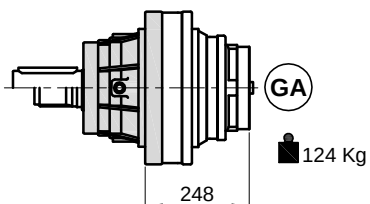
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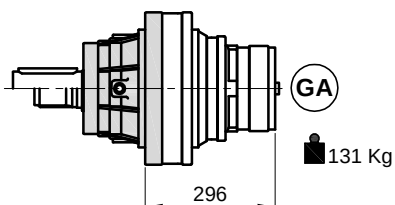
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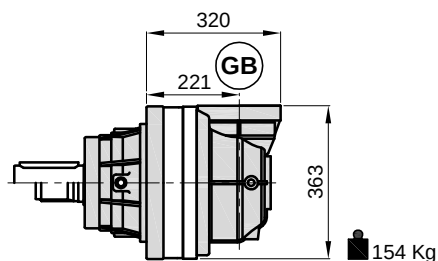
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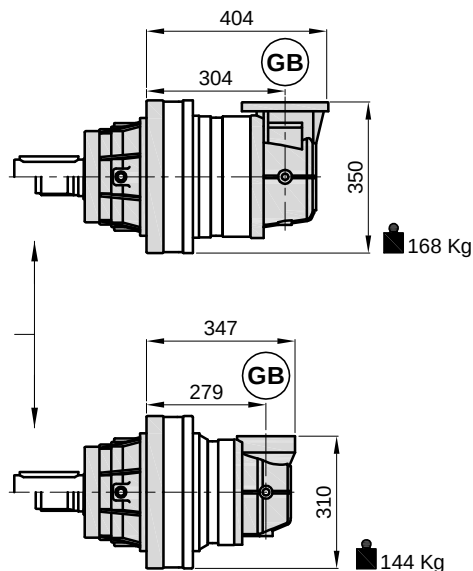
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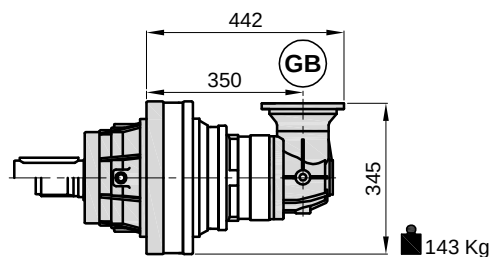
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**1233**



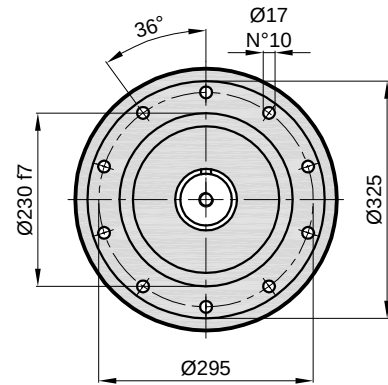
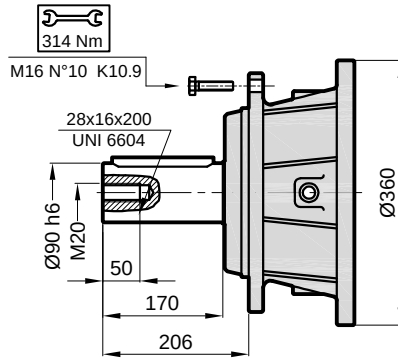
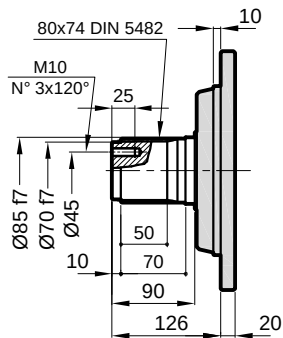
**1234**



# PX / PXA 1230

**FLS**

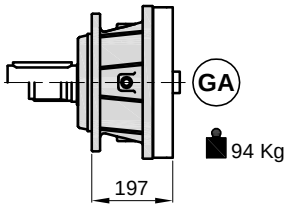
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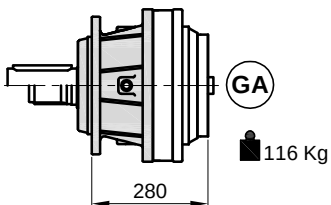
**PX ....**

**PXA ....**

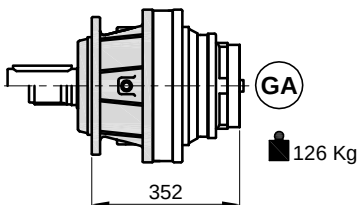
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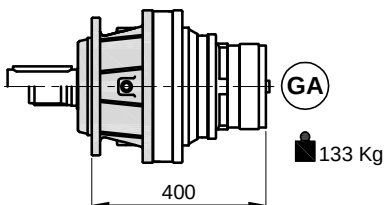
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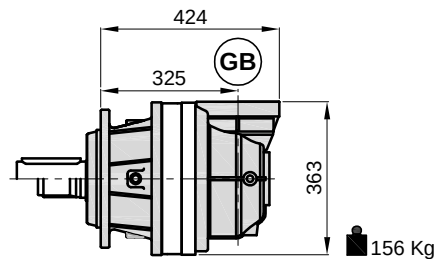
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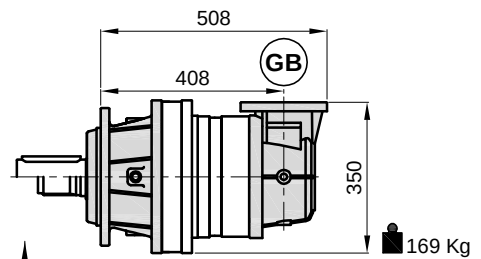
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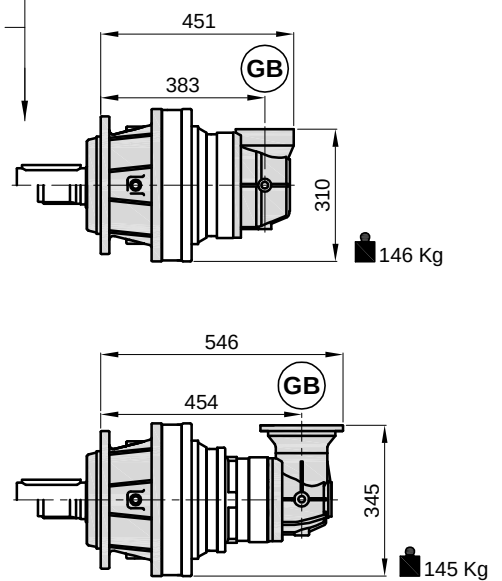
**1232**



**1233**

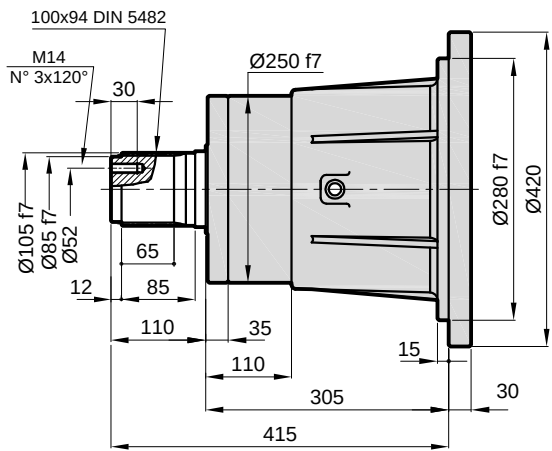


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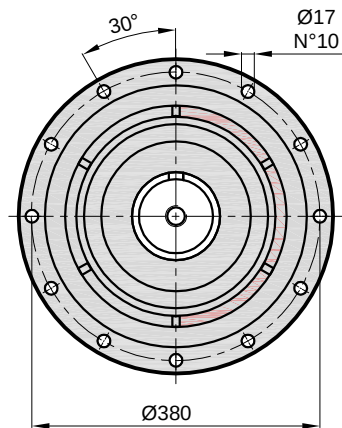
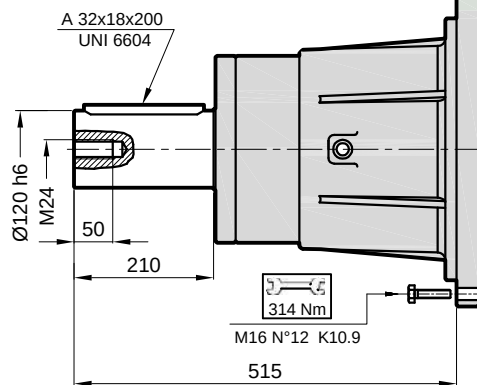


# PX / PXA 1230

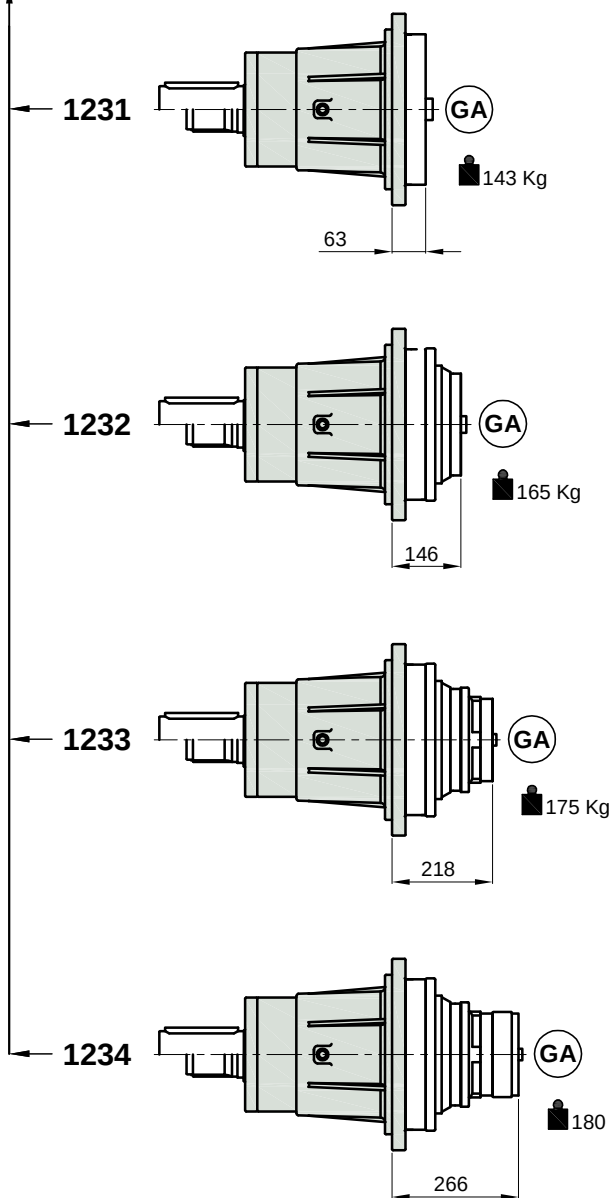
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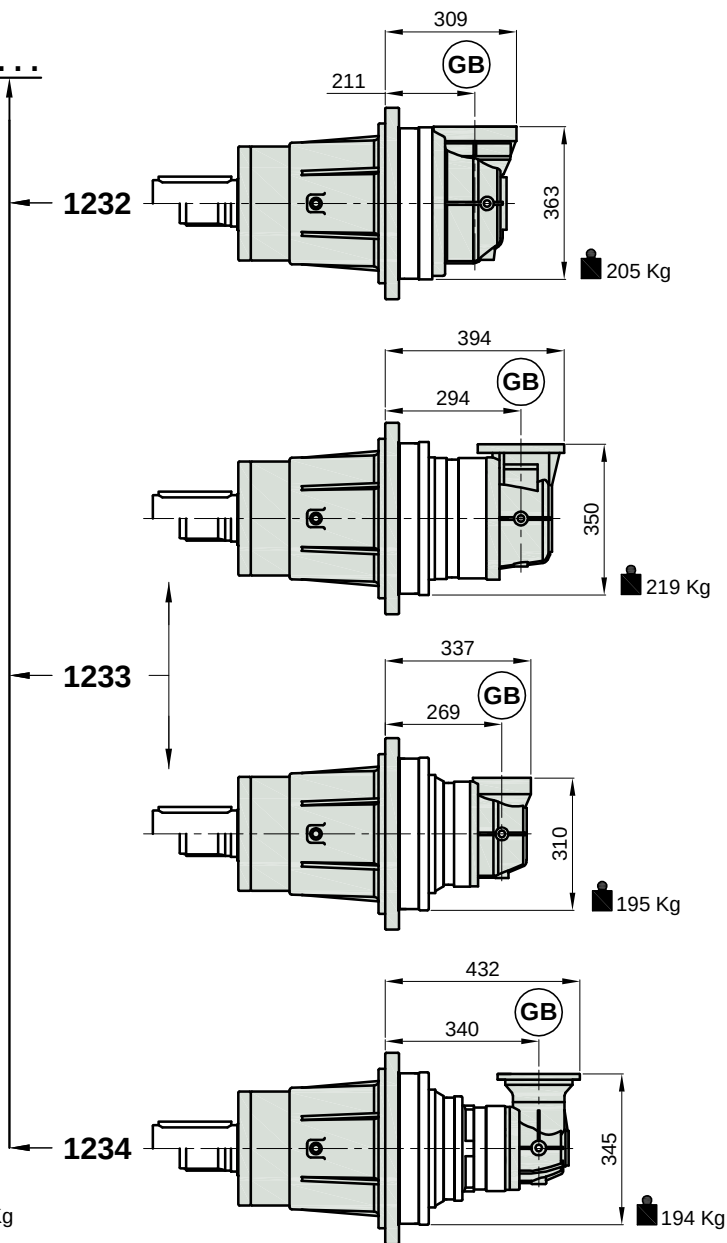
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PX ....

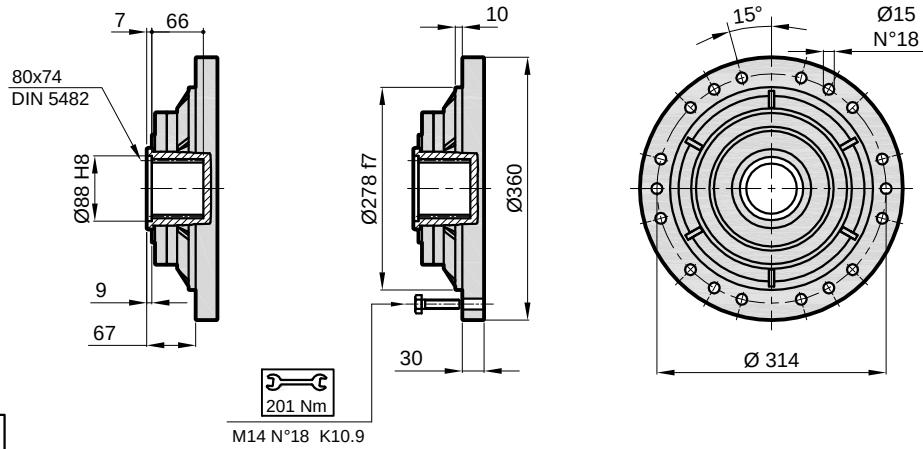


PXA ....



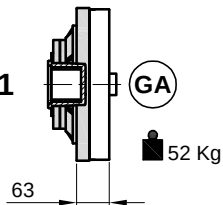
# PX / PXA 1230

FSS

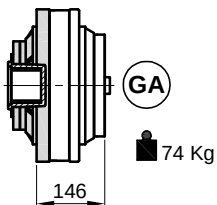


PX ....

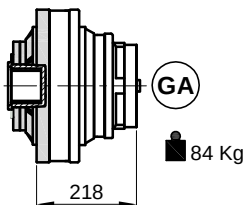
1231



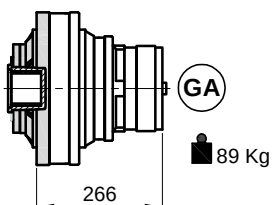
1232



1233

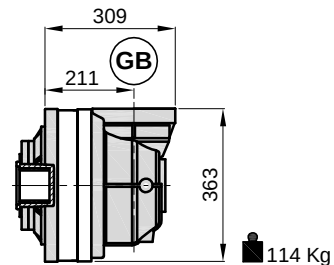


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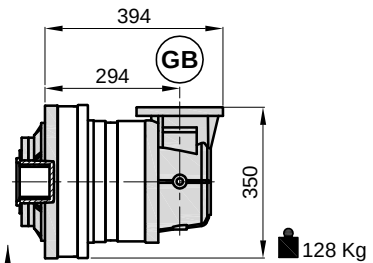


PXA ....

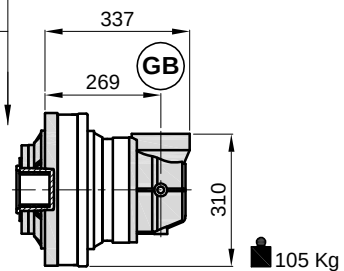
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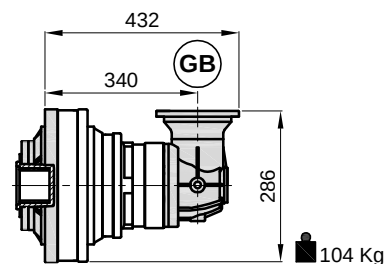
1233



1233

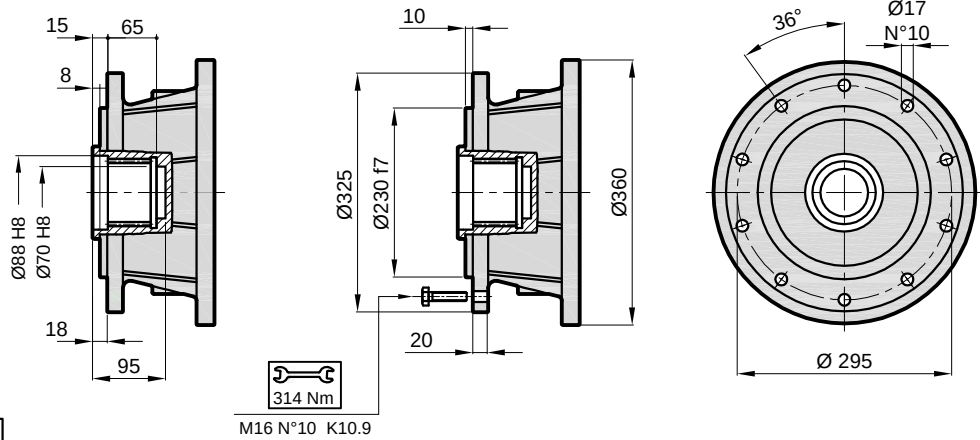


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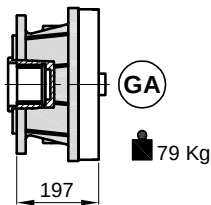
# PX / PXA 1230

FSF

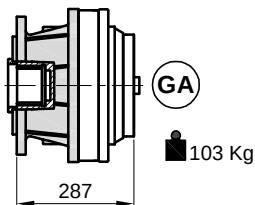


PX ....

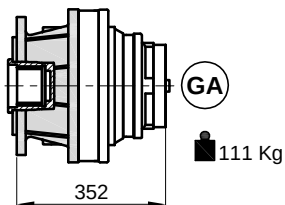
1231



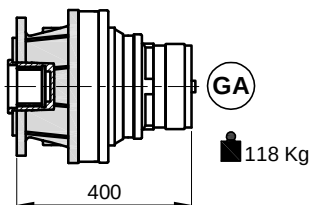
1232



1233

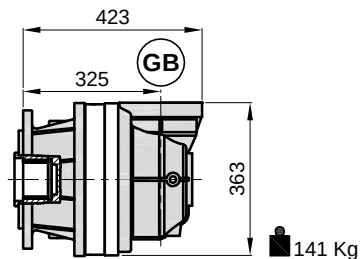


1234

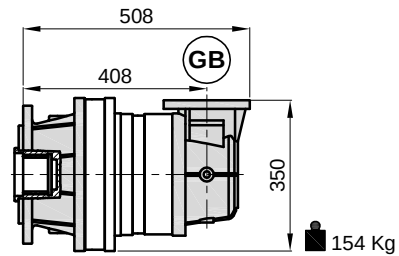


PXA ....

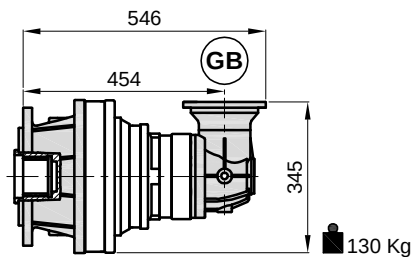
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1233

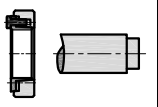
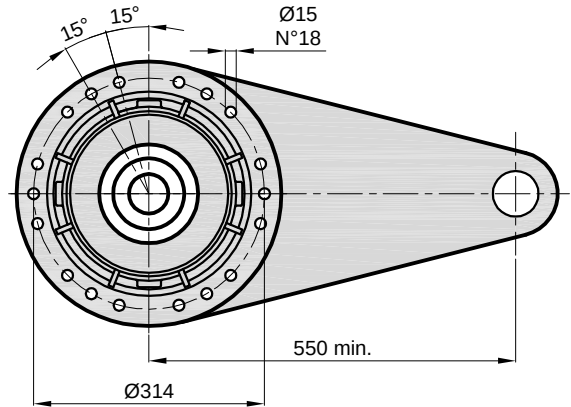
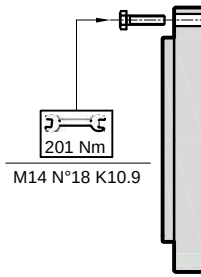
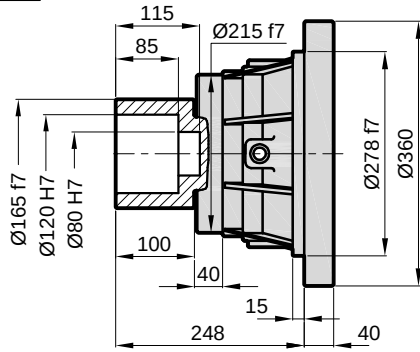


1234



# PX / PXA 1230

MSD



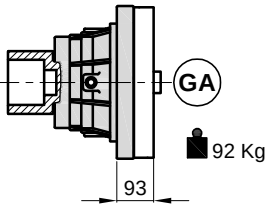
165

$M_{\max} = 35 \text{ kNm}$

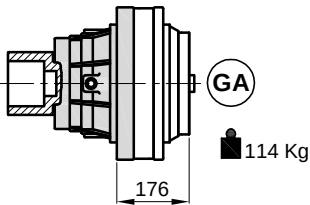
Maksimum tork değeri Planex tarafından verilen sıkma bileziği ile sağlanır.  
The maximum torque indicated is valid only with shrink discs supplied by Planex.  
Das dargestellte , maximale Drehmoment gilt nur mit von Planex.

PX ....

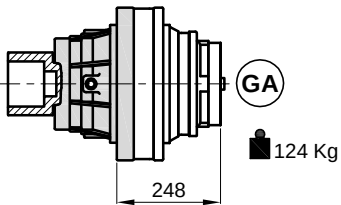
1231



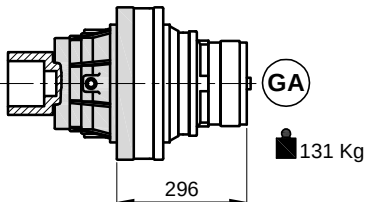
1232



1233

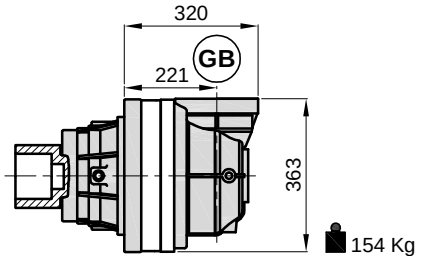


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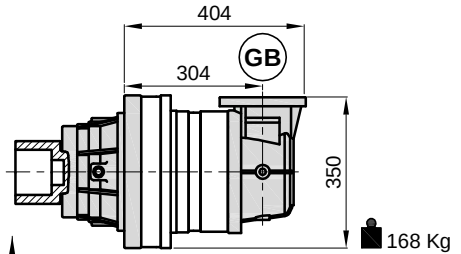


PXA ....

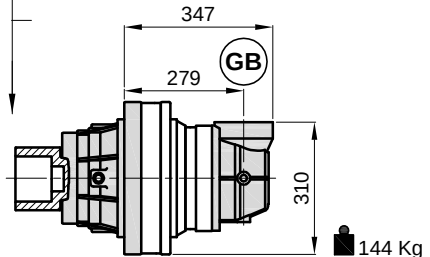
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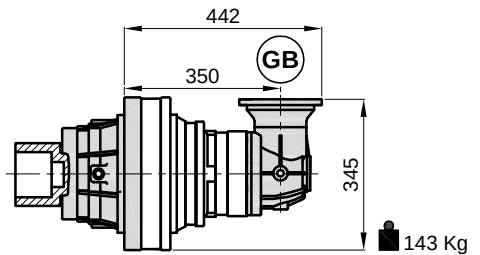
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1233



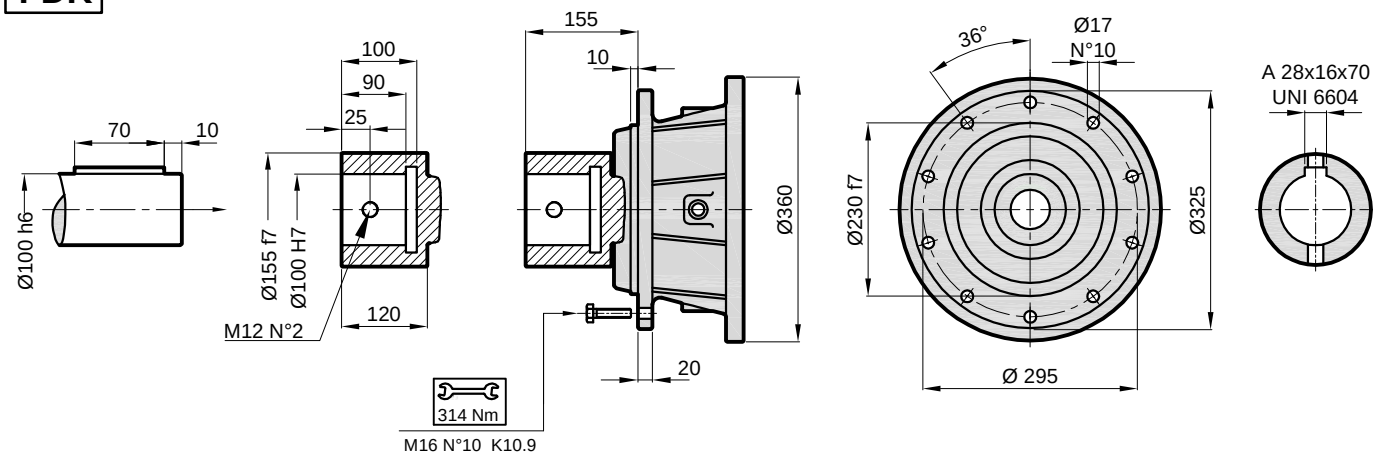
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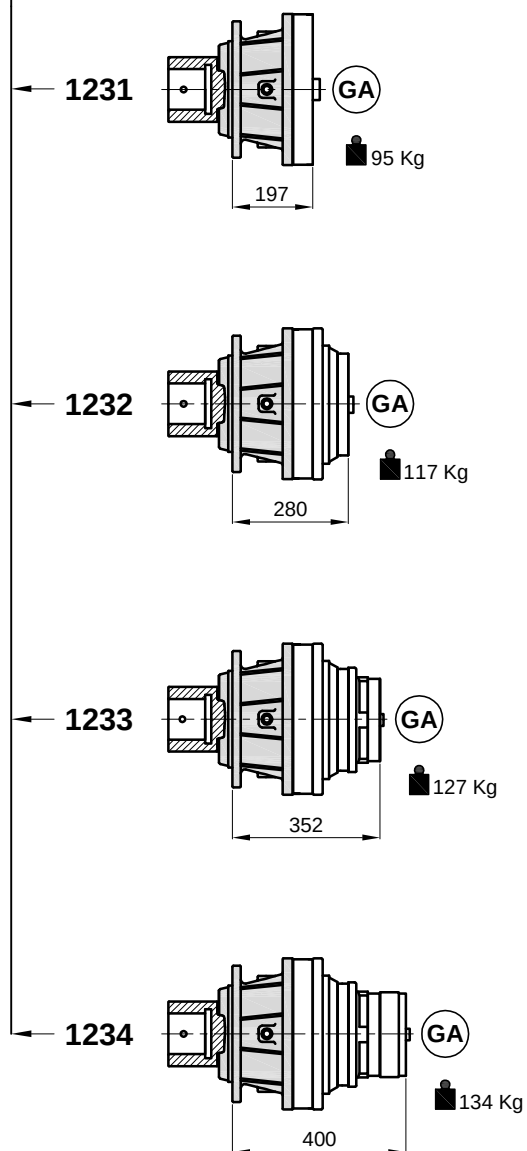


# PX / PXA 1230

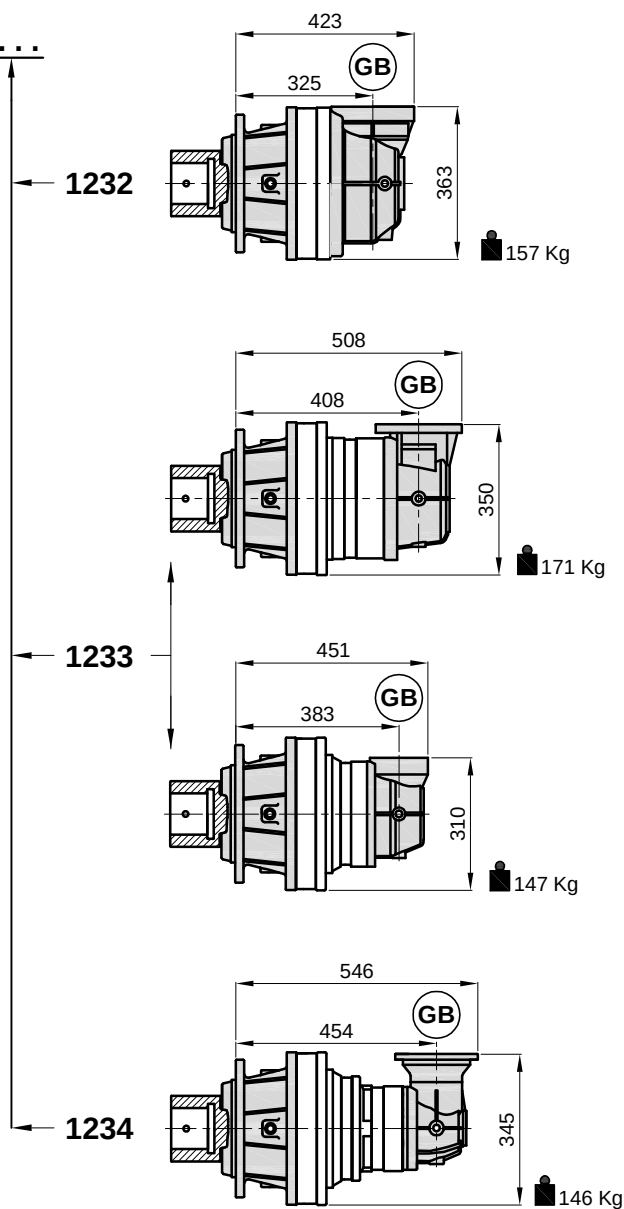
FDK



PX ....



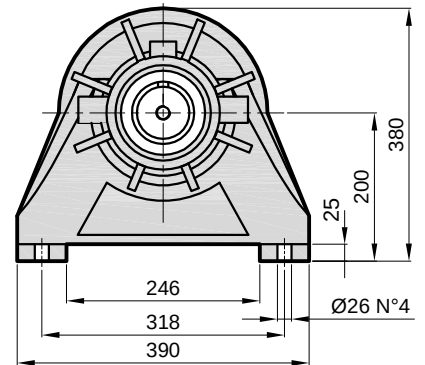
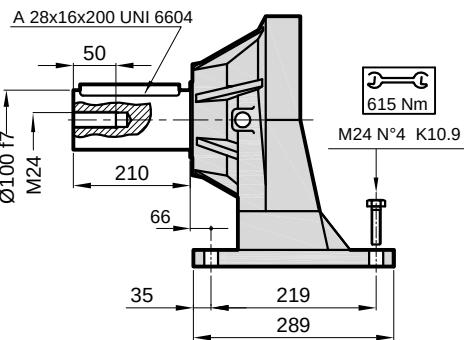
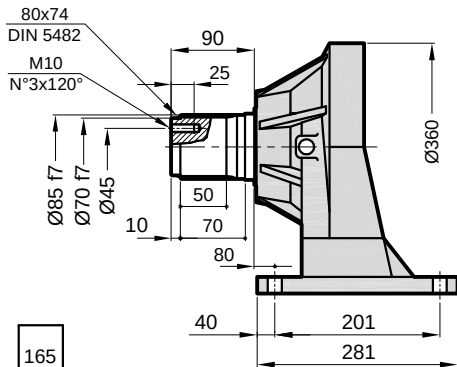
PXA ....



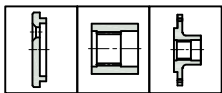
# PX / PXA 1230

**PAS**

**PAC**

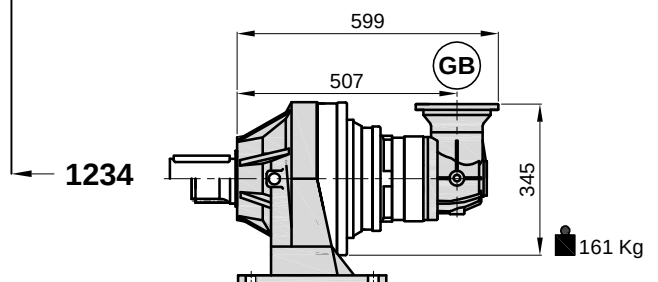
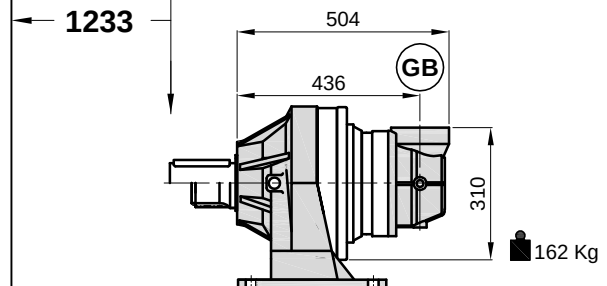
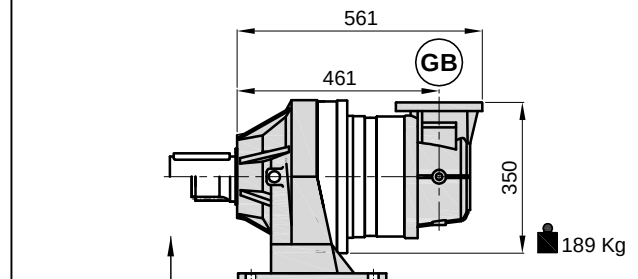
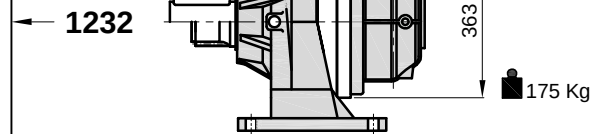
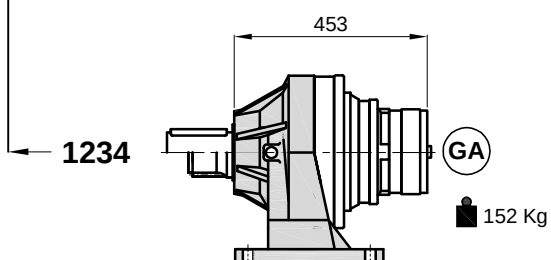
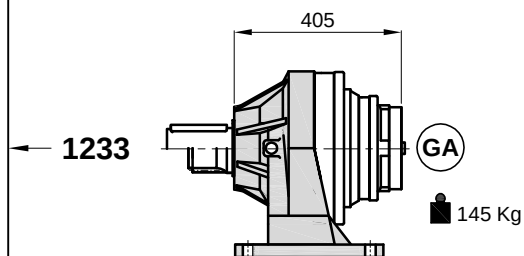
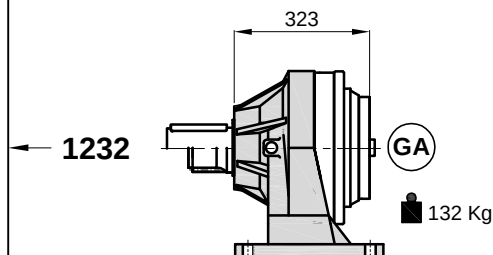
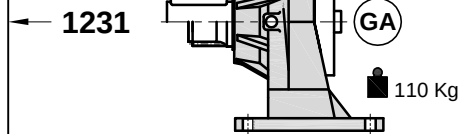


165



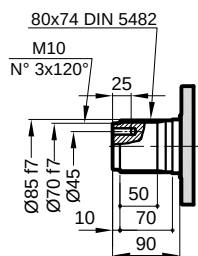
**PX** ....

**PXA** ....

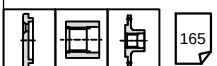
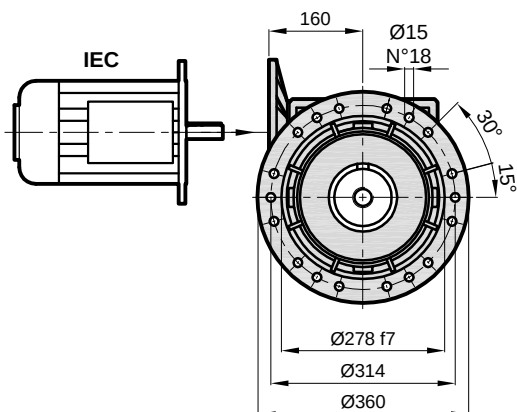
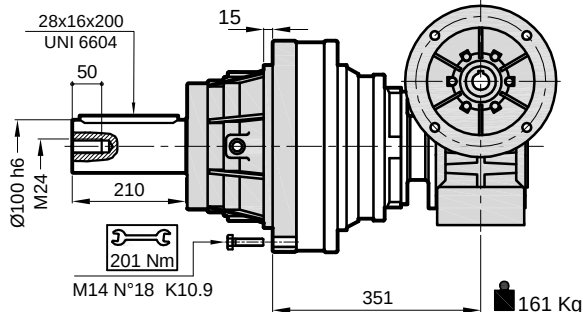


# PXW 1233

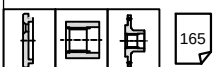
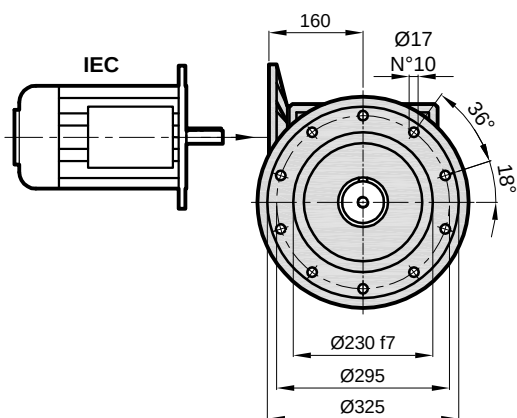
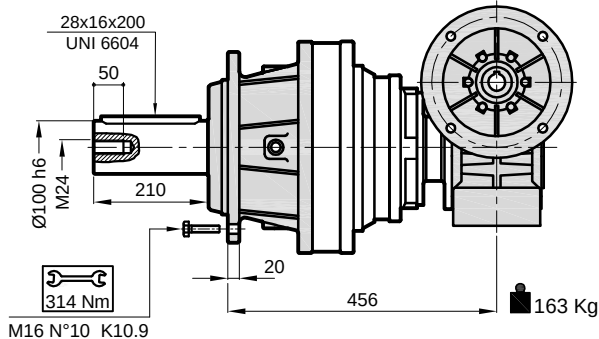
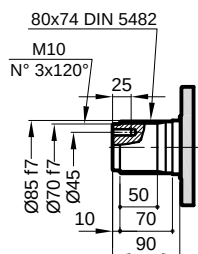
**MLS**



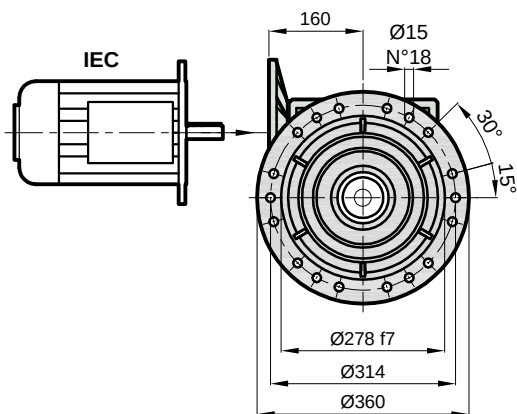
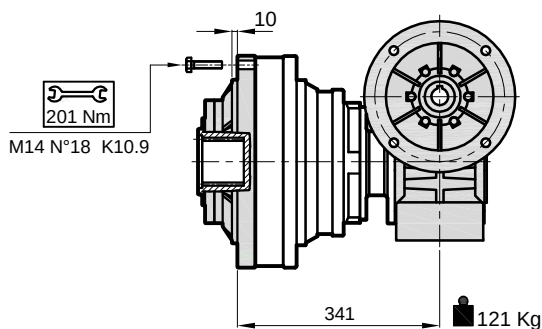
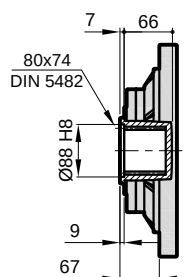
**MLC**



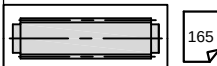
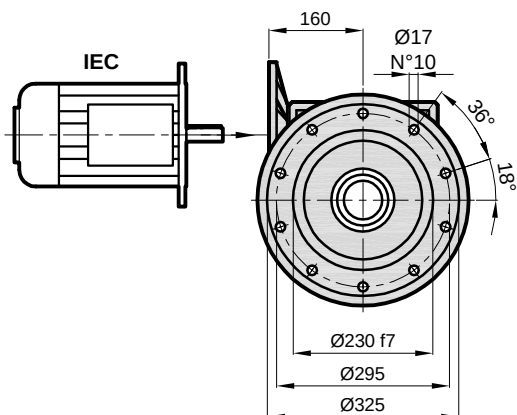
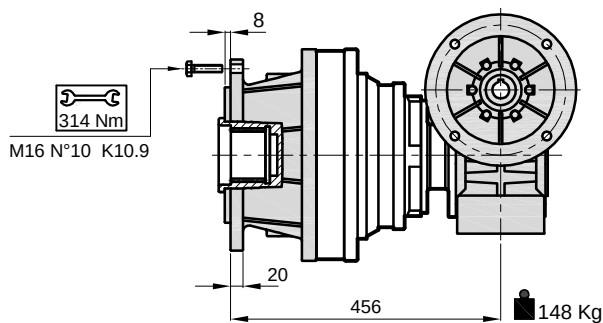
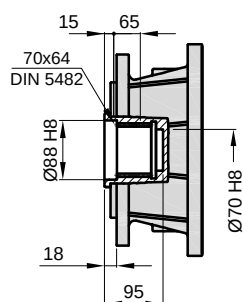
**FLS**



**FSS**

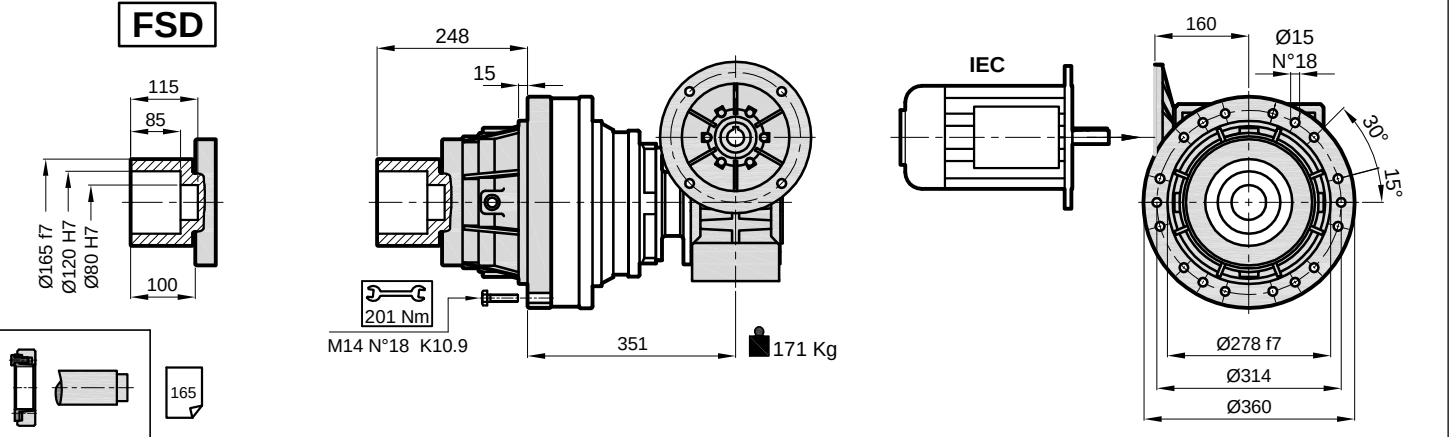


**FSF**

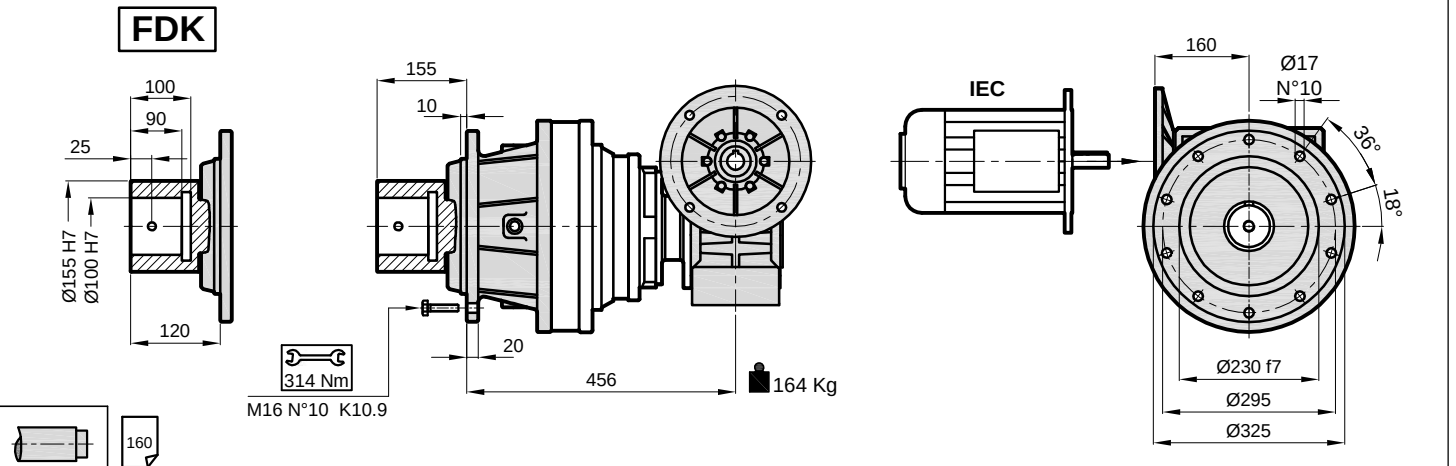


# PXW 1233

## FSD

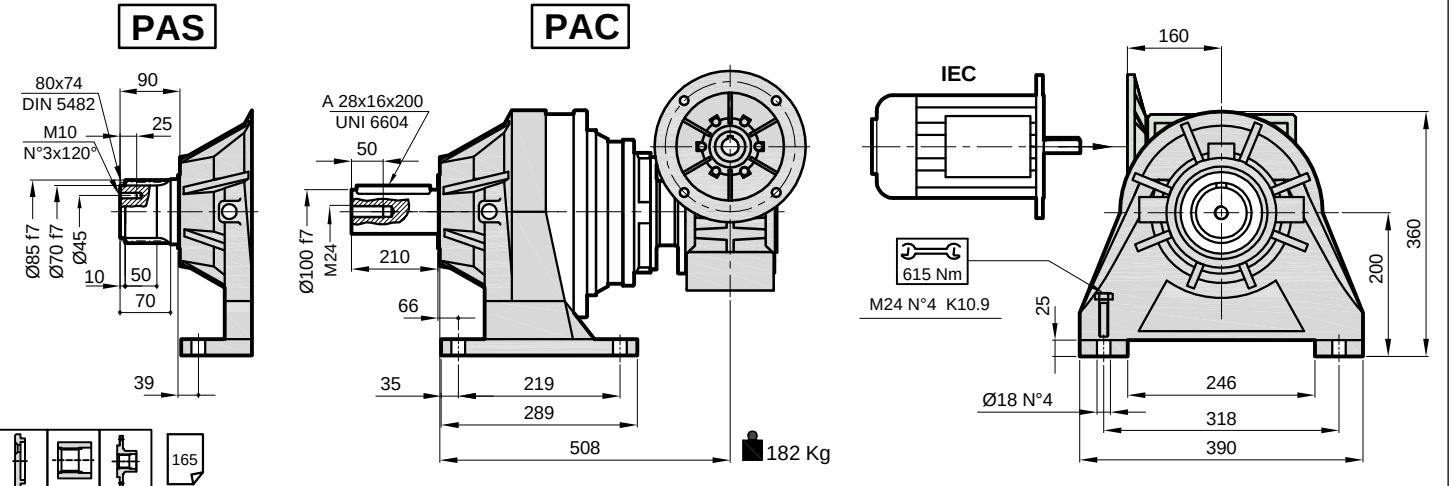


## FDK



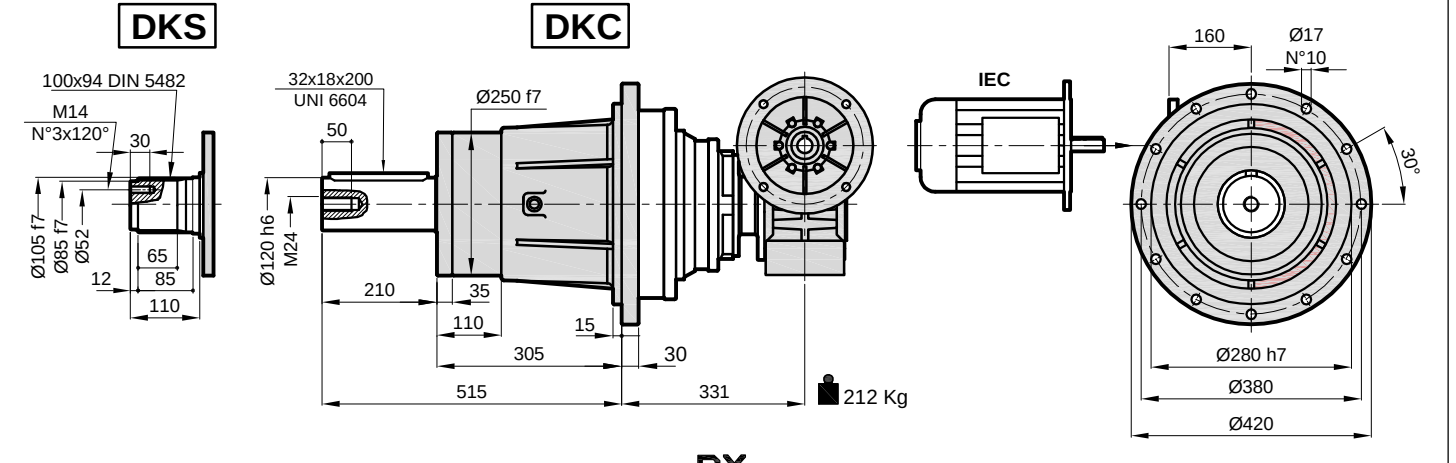
## PAS

## PAC

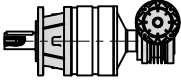


## DKS

## DKC

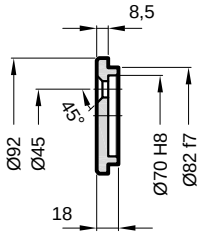


# PXW 1233

| PXW 1233                                                                          |             |                                                                                         |            |                            |               |            |                                                                                         |
|-----------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------|------------|----------------------------|---------------|------------|-----------------------------------------------------------------------------------------|
|  | PX 1232     | W 110  | $i_T$      | $n_1$<br>$\text{min}^{-1}$ | $T_2$<br>Nm   | $P$<br>Kw  |  IEC |
|                                                                                   | 13.4 - 48.9 | 7.5 - 100                                                                               | 102 - 4890 | 1400                       | 11100 - 21200 | 0.55 - 7.5 | 80 - 90 - 100 - 112 - 132                                                               |

# PX / PXA 1230

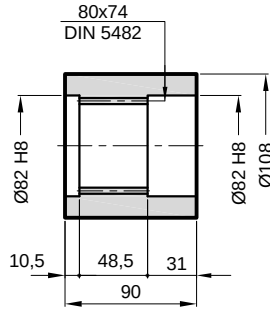
ET



Malzeme / Material / Material  
C40

Kod / Code / Bestell  
1230.100.001

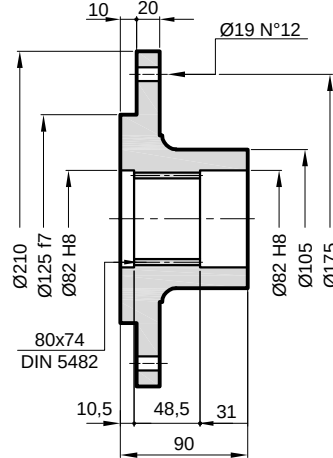
MC



Malzeme / Material / Material  
C40

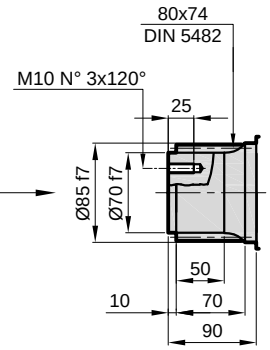
Kod / Code / Bestell  
1230.100.002

TF

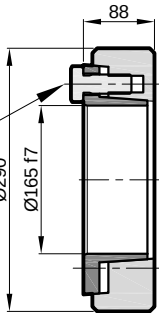
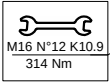


Malzeme / Material / Material  
C40

Kod / Code / Bestell  
1230.100.003

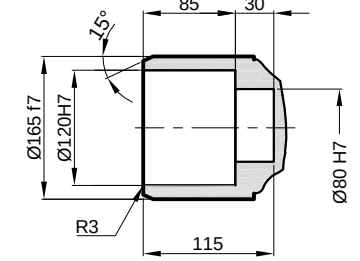
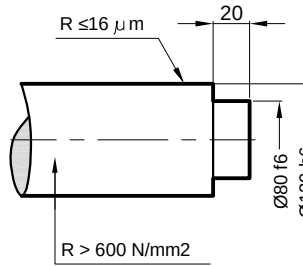


SD

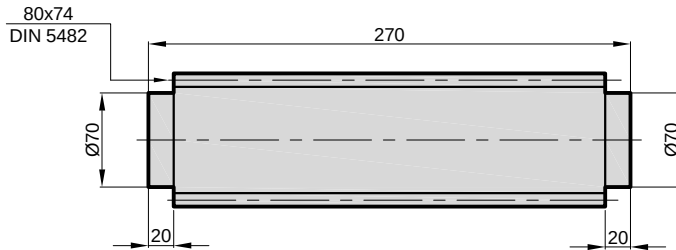


Maksimum tork  
Max. torque  
Max. Drehmoment  
35 kNm

Kod / Code / Bestell  
1230.100.004

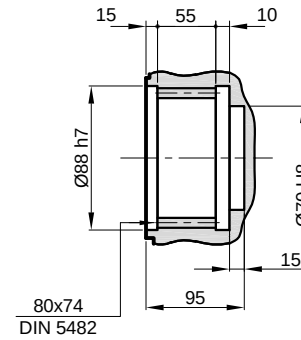


SM

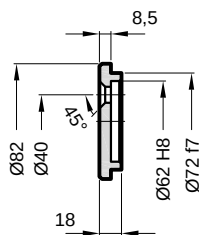


Malzeme / Material / Material  
UNI 39NiCrMo3  
Sertleştirilmiş ve Temperlenmiş  
Hardened and Tempered  
Vergütet

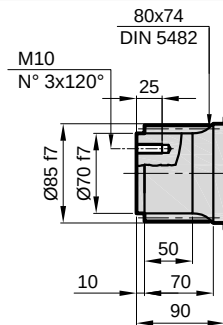
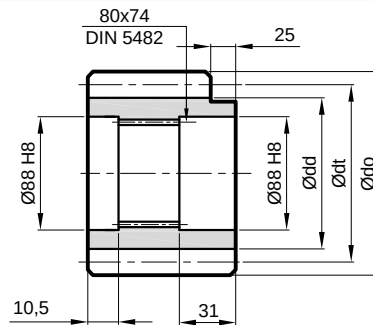
Kod / Code / Bestell  
1230.100.005



ET



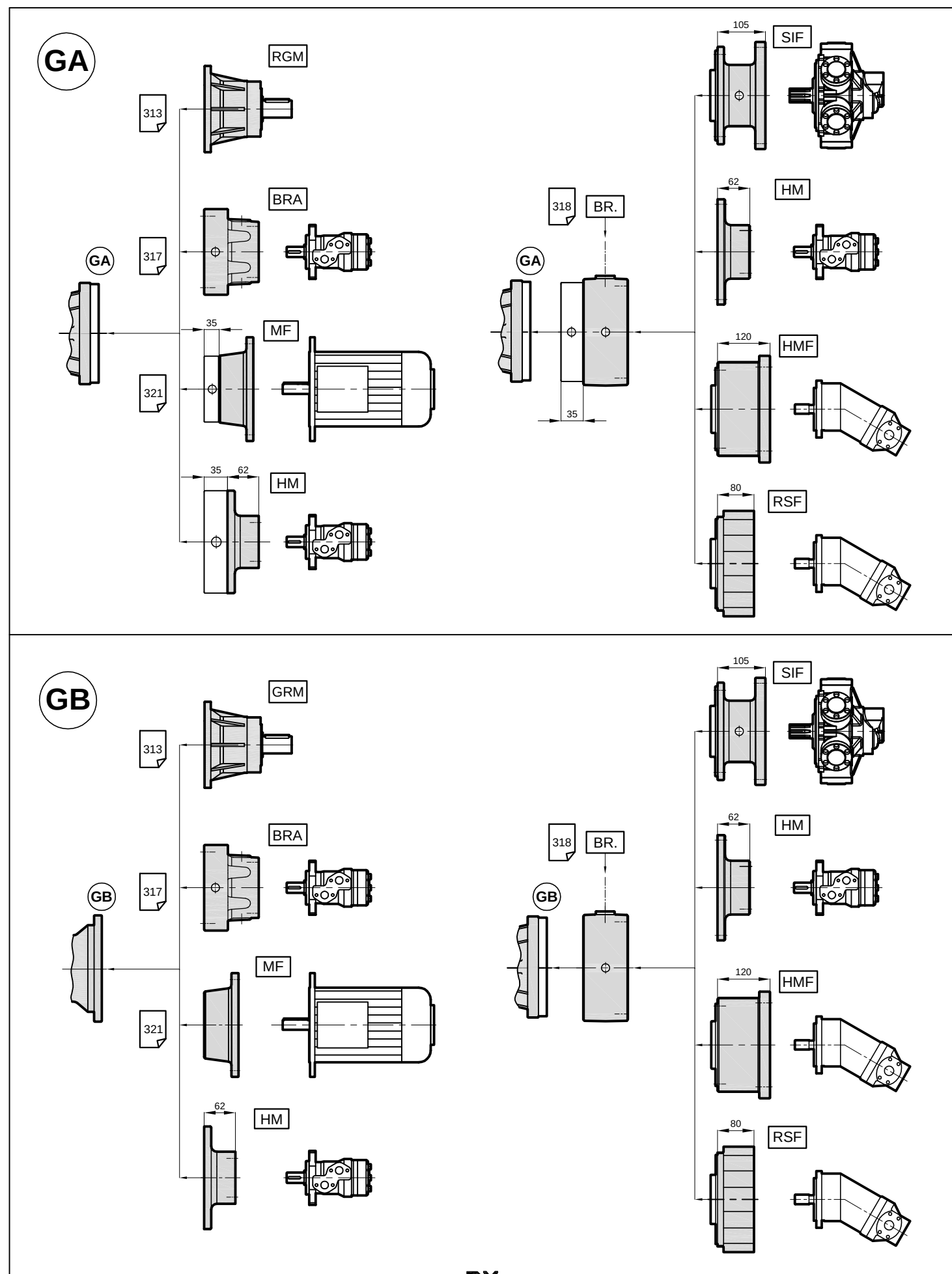
P.



|    | m  | z  | x     | dt  | dd  | do  | H  | A  | B    | C  | Kod / Code / Bestell |
|----|----|----|-------|-----|-----|-----|----|----|------|----|----------------------|
| P1 | 10 | 12 | 0.450 | 120 | 104 | 145 | 90 | 0  | 10.5 | 31 | 1230.100.106         |
| P2 | 10 | 14 | 0.320 | 140 | 121 | 165 | 90 | 0  | 10.5 | 31 | 1230.100.107         |
| P3 | 12 | 13 | 0.500 | 156 | 138 | 192 | 90 | 13 | 10.5 | 31 | 1230.100.108         |
| P4 | 12 | 14 | 0.500 | 168 | 150 | 199 | 90 | 13 | 10.5 | 31 | 1230.100.109         |

UNI 38NiCrMo4  
Sertleştirilmiş ve Temperlenmiş  
Hardened and Tempered  
Vergütet

# PX / PXA 1230



# PX / PXA 1230

## Radyal Yük ( $F_{rp}$ )

Aşağıdaki diyagramlar radyal yükleri ve  $K$  faktörlerini arzu edilen  $n_2 \times h$  değerlerinde verir.

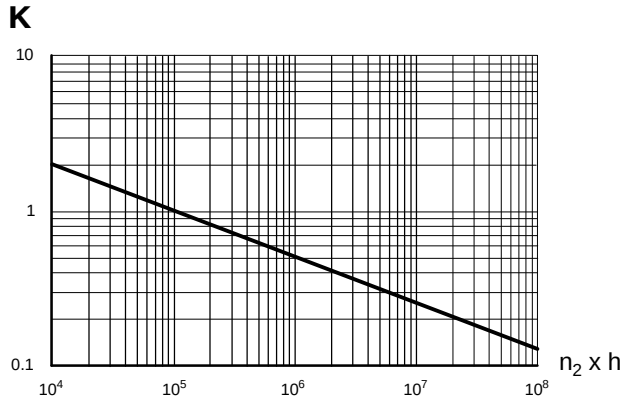
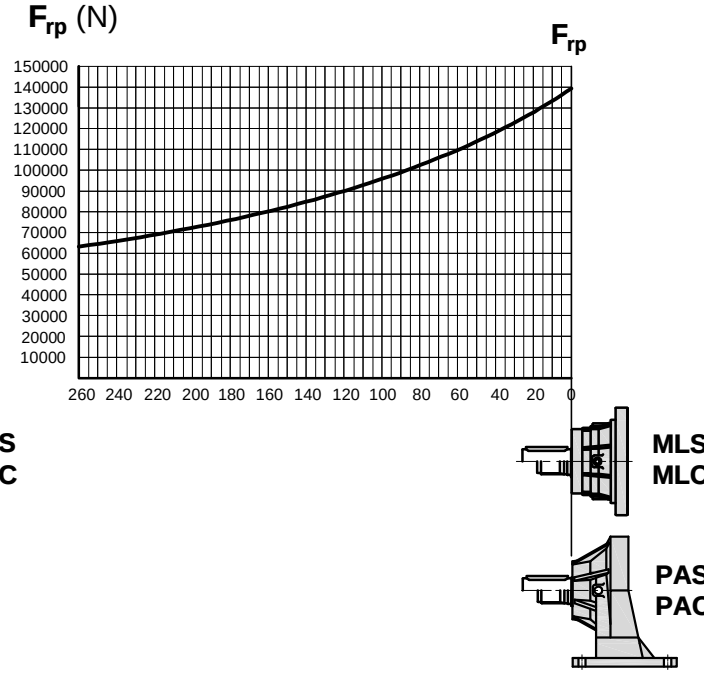
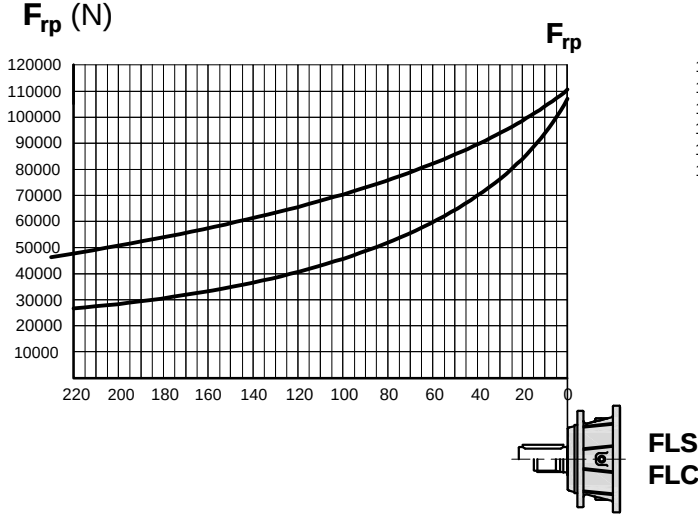
## Radial Loads ( $F_{rp}$ )

The following curves show the radial loads and the  $K$  factors to obtain the required  $n_2 \times h$  value.

## Radiallast ( $F_{rp}$ )

In den nachstehenden Diagrammen ist die Radiallast und der Koeffizient  $K$  dargestellt und kann mit dem gewünschten Wert  $n_2 \times h$  verglichen werden.

### FL - ML - PA



|           | $n_2 \times h$      |                             |        |        |        |
|-----------|---------------------|-----------------------------|--------|--------|--------|
|           | $10^5$              | $10^4$                      | $10^6$ | $10^7$ | $10^8$ |
| <b>FL</b> | $F_{rp}$            | $F_{rp} \cdot K$            |        |        |        |
| <b>PA</b> | $F_{rp} \cdot 0,75$ | $F_{rp} \cdot K \cdot 0,75$ |        |        |        |

## Aksiyel Yük ( $F_a$ )

Tablodaki aksiyel yük değerleri çıkış tipi ve tatbik edilen yük yönünde verilmiştir.

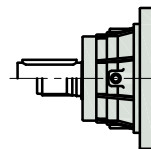
## Axial Loads ( $F_a$ )

The values of the axial loads in the table refer to the output versions and load directions of application.

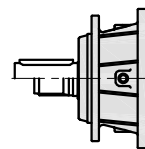
## Axiallast ( $F_a$ )

Die dargestellten Werte der Axiallast basieren auf der Version und der applizierten Lastrichtung.

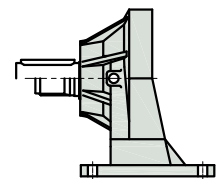
| $F_a$ (N) | <b>FL</b> | <b>ML-PA</b> |  |
|-----------|-----------|--------------|--|
|           | 45000     | 45000        |  |
|           | 65000     | 65000        |  |



**MLS  
MLC**



**FLS  
FLC**



**PAS  
PAC**