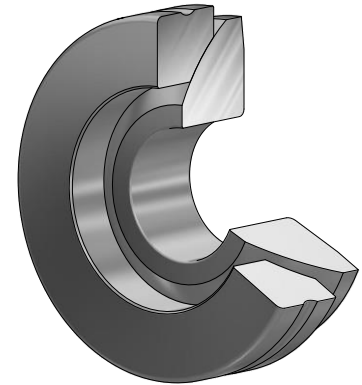


## Axial-Gelenklager GE...-AX, offen

wartungspflichtig

DIN ISO 12 240-3































Gleitpaarung: Stahl/Stahl



Baureihe: GE...-AX

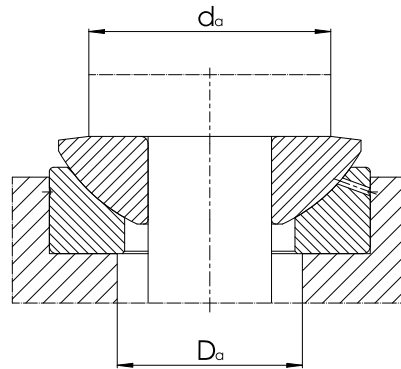
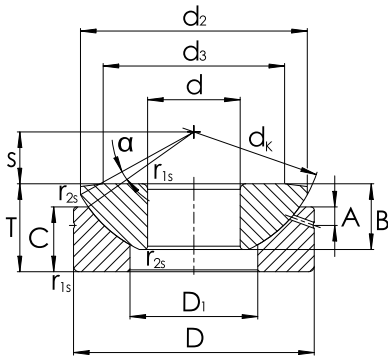
GE...-AX

Maßtabelle - Abmessungen in mm

| Wellen-<br>durch-<br>messer | Kurzzeichen   | Abmessungen          |                       |                      |                |                |                |                |                       |  |  |
|-----------------------------|---|----------------------|-----------------------|----------------------|----------------|----------------|----------------|----------------|-----------------------|--|--|
|                             |   | d                    | D                     | T                    | d <sub>k</sub> | d <sub>2</sub> | d <sub>3</sub> | D <sub>1</sub> | B                     |  |  |
| 10                          | GE10-AX    | 10 <sub>-0,008</sub> | 30 <sub>-0,009</sub>  | 9,5 <sub>-0,4</sub>  | 32             | 27,5           | 21             | 16,5           | 7,9 <sub>-0,24</sub>  |  |  |
| 12                          | GE12-AX    | 12 <sub>-0,008</sub> | 35 <sub>-0,011</sub>  | 13,0 <sub>-0,4</sub> | 37             | 32,0           | 24             | 19,5           | 9,3 <sub>-0,24</sub>  |  |  |
| 15                          | GE15-AX    | 15 <sub>-0,008</sub> | 42 <sub>-0,011</sub>  | 15,0 <sub>-0,4</sub> | 45             | 38,9           | 29             | 24,0           | 10,7 <sub>-0,24</sub> |  |  |
| 17                          | GE17-AX    | 17 <sub>-0,008</sub> | 47 <sub>-0,011</sub>  | 16,0 <sub>-0,4</sub> | 50             | 43,4           | 34             | 28,0           | 11,5 <sub>-0,24</sub> |  |  |
| 20                          | GE20-AX    | 20 <sub>-0,010</sub> | 55 <sub>-0,013</sub>  | 20,0 <sub>-0,4</sub> | 60             | 50,0           | 40             | 33,5           | 14,3 <sub>-0,24</sub> |  |  |
| 25                          | GE25-AX    | 25 <sub>-0,010</sub> | 62 <sub>-0,013</sub>  | 22,5 <sub>-0,4</sub> | 66             | 57,5           | 45             | 34,5           | 16,0 <sub>-0,24</sub> |  |  |
| 30                          | GE30-AX    | 30 <sub>-0,010</sub> | 75 <sub>-0,013</sub>  | 26,0 <sub>-0,4</sub> | 80             | 69,0           | 56             | 44,0           | 18,0 <sub>-0,24</sub> |  |  |
| 35                          | GE35-AX    | 35 <sub>-0,012</sub> | 90 <sub>-0,015</sub>  | 28,0 <sub>-0,4</sub> | 98             | 84,0           | 66             | 52,0           | 22,0 <sub>-0,24</sub> |  |  |
| 40                          | GE40-AX    | 40 <sub>-0,012</sub> | 105 <sub>-0,015</sub> | 32,0 <sub>-0,4</sub> | 114            | 98,0           | 78             | 59,0           | 27,0 <sub>-0,24</sub> |  |  |
| 45                          | GE45-AX    | 45 <sub>-0,012</sub> | 120 <sub>-0,015</sub> | 36,5 <sub>-0,4</sub> | 130            | 112,0          | 89             | 68,0           | 31,0 <sub>-0,24</sub> |  |  |

1) Tragzahlen radial.

### Axial-Gelenklager GE...-AX, offen



GE...-AX

Anschlussmaße

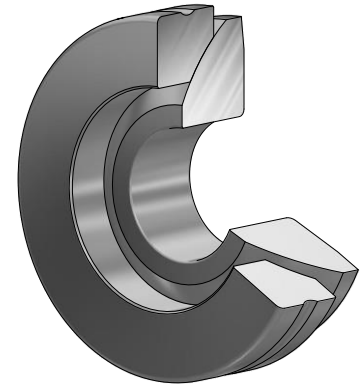
| C    | s     | A    | α    | Kantenabstände          |                         | Anschlussmaße          |                        | Tragzahlen <sup>1)</sup>     |                                | Gewicht<br>≈ kg | Wellen-<br>durchmesser<br>d |           |
|------|-------|------|------|-------------------------|-------------------------|------------------------|------------------------|------------------------------|--------------------------------|-----------------|-----------------------------|-----------|
|      |       |      |      | r <sub>1s</sub><br>min. | r <sub>2s</sub><br>min. | d <sub>a</sub><br>max. | D <sub>a</sub><br>min. | dyn.<br>C <sub>0</sub><br>kN | stat.<br>C <sub>0a</sub><br>kN |                 |                             |           |
| 6,0  | -0,24 | 7,0  | 3,0  | 10,0                    | 0,6                     | 0,2                    | 21,0                   | 18,5                         | 24,4                           | 122             | 0,039                       | <b>10</b> |
| 9,0  | -0,24 | 8,0  | 4,0  | 9,0                     | 0,6                     | 0,2                    | 24,0                   | 21,5                         | 32,4                           | 162             | 0,071                       | <b>12</b> |
| 11,0 | -0,24 | 10,0 | 5,0  | 7,0                     | 0,6                     | 0,2                    | 29,0                   | 26,0                         | 52,2                           | 261             | 0,120                       | <b>15</b> |
| 11,5 | -0,24 | 11,0 | 5,0  | 6,0                     | 0,6                     | 0,2                    | 34,0                   | 30,5                         | 59,2                           | 296             | 0,160                       | <b>17</b> |
| 13,0 | -0,24 | 12,5 | 6,0  | 6,0                     | 1,0                     | 0,3                    | 40,0                   | 38,0                         | 75,1                           | 375             | 0,260                       | <b>20</b> |
| 17,0 | -0,24 | 14,0 | 6,0  | 7,0                     | 1,0                     | 0,3                    | 45,0                   | 39,0                         | 129,0                          | 645             | 0,390                       | <b>25</b> |
| 19,5 | -0,24 | 17,5 | 8,0  | 6,0                     | 1,0                     | 0,3                    | 56,0                   | 49,0                         | 169,0                          | 848             | 0,650                       | <b>30</b> |
| 20,0 | -0,24 | 22,0 | 8,0  | 6,0                     | 1,0                     | 0,3                    | 66,0                   | 57,0                         | 259,0                          | 1.290           | 1,000                       | <b>35</b> |
| 22,0 | -0,24 | 24,5 | 9,0  | 6,0                     | 1,0                     | 0,3                    | 78,0                   | 64,0                         | 373,0                          | 1.860           | 1,700                       | <b>40</b> |
| 25,0 | -0,24 | 27,5 | 11,0 | 6,0                     | 1,0                     | 0,3                    | 89,0                   | 74,0                         | 486,0                          | 2.430           | 2,500                       | <b>45</b> |

## Axial-Gelenklager GE...-AX, offen

wartungspflichtig

DIN ISO 12 240-3































Gleitpaarung: Stahl/Stahl



Baureihe: GE...-AX

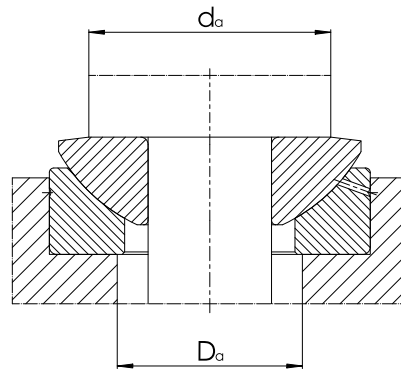
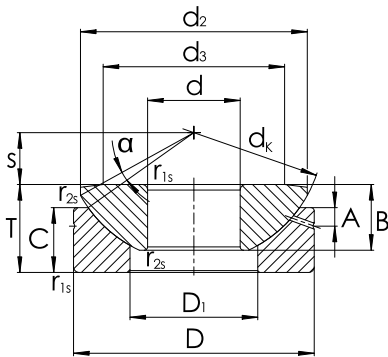
GE...-AX

Maßtabelle - Abmessungen in mm

| Wellen-<br>durch-<br>messer | Kurzeich<br>en   | Abmessungen |            |           |                |                |                |                |            |  |  |  |  |  |
|-----------------------------|--|-------------|------------|-----------|----------------|----------------|----------------|----------------|------------|--|--|--|--|--|
|                             |  | d           | D          | T         | d <sub>k</sub> | d <sub>2</sub> | d <sub>3</sub> | D <sub>1</sub> | B          |  |  |  |  |  |
| d                           |  |             |            |           |                |                |                |                |            |  |  |  |  |  |
| 50                          | GE50-AX     | 50 -0,012   | 130 -0,018 | 42,5 -0,4 | 140            | 122,5          | 98             | 69             | 33,5 -0,24 |  |  |  |  |  |
| 60                          | GE60-AX     | 60 -0,015   | 150 -0,018 | 45,0 -0,4 | 160            | 140,0          | 108            | 86             | 37,0 -0,30 |  |  |  |  |  |
| 70                          | GE70-AX     | 70 -0,015   | 160 -0,025 | 50,0 -0,4 | 170            | 149,5          | 121            | 95             | 40,0 -0,30 |  |  |  |  |  |
| 80                          | GE80-AX     | 80 -0,015   | 180 -0,025 | 50,0 -0,4 | 194            | 168,0          | 130            | 108            | 42,0 -0,30 |  |  |  |  |  |
| 100                         | GE100-AX    | 100 -0,020  | 210 -0,030 | 59,0 -0,4 | 220            | 195,5          | 155            | 133            | 50,0 -0,40 |  |  |  |  |  |
| 120                         | GE120-AX    | 120 -0,020  | 230 -0,030 | 64,0 -0,4 | 245            | 214,0          | 170            | 154            | 52,0 -0,40 |  |  |  |  |  |
| 140                         | GE140-AX    | 140 -0,025  | 260 -0,035 | 72,0 -0,5 | 272            | 244,0          | 198            | 176            | 61,0 -0,50 |  |  |  |  |  |
| 160                         | GE160-AX    | 160 -0,025  | 290 -0,035 | 77,0 -0,5 | 310            | 272,0          | 213            | 199            | 65,0 -0,50 |  |  |  |  |  |
| 180                         | GE180-AX    | 180 -0,025  | 320 -0,040 | 86,0 -0,5 | 335            | 300,0          | 240            | 224            | 70,0 -0,50 |  |  |  |  |  |
| 200                         | GE200-AX    | 200 -0,030  | 340 -0,040 | 87,0 -0,5 | 358            | 321,0          | 265            | 246            | 74,0 -0,60 |  |  |  |  |  |

1) Tragzahlen radial.

### Axial-Gelenklager GE...-AX, offen



GE...-AX

Anschlussmaße

| C    | s                | A    | α    | Kantenabstände          |                         | Anschlussmaße          |                        | Tragzahlen <sup>1)</sup>     |                                | Gewicht<br>≈ kg | Wellen-<br>durchmesser<br>d |            |
|------|------------------|------|------|-------------------------|-------------------------|------------------------|------------------------|------------------------------|--------------------------------|-----------------|-----------------------------|------------|
|      |                  |      |      | r <sub>1s</sub><br>min. | r <sub>2s</sub><br>min. | d <sub>a</sub><br>max. | D <sub>a</sub><br>min. | dyn.<br>C <sub>a</sub><br>kN | stat.<br>C <sub>0a</sub><br>kN |                 |                             |            |
| 32,0 | <sup>-0,24</sup> | 30,0 | 10,0 | 5,0                     | 1,0                     | 0,3                    | 98                     | 75                           | 650                            | 3.250           | 3,4                         | <b>50</b>  |
| 33,0 | <sup>-0,30</sup> | 35,0 | 12,5 | 7,0                     | 1,0                     | 0,3                    | 108                    | 92                           | 735                            | 3.670           | 4,7                         | <b>60</b>  |
| 36,0 | <sup>-0,30</sup> | 35,0 | 13,5 | 6,0                     | 1,0                     | 0,3                    | 121                    | 102                          | 806                            | 4.030           | 5,7                         | <b>70</b>  |
| 36,0 | <sup>-0,30</sup> | 42,5 | 14,5 | 6,0                     | 1,0                     | 0,3                    | 130                    | 115                          | 1030                           | 5.180           | 7,2                         | <b>80</b>  |
| 42,0 | <sup>-0,40</sup> | 45,0 | 15,0 | 7,0                     | 1,0                     | 0,3                    | 155                    | 141                          | 1200                           | 6.020           | 10,9                        | <b>100</b> |
| 45,0 | <sup>-0,40</sup> | 52,5 | 16,5 | 8,0                     | 1,0                     | 0,3                    | 170                    | 162                          | 1240                           | 6.220           | 13,0                        | <b>120</b> |
| 50,0 | <sup>-0,50</sup> | 52,5 | 23,0 | 6,0                     | 1,5                     | 0,6                    | 198                    | 187                          | 1630                           | 8.170           | 18,6                        | <b>140</b> |
| 52,0 | <sup>-0,50</sup> | 65,0 | 23,0 | 7,0                     | 1,5                     | 0,6                    | 213                    | 211                          | 1890                           | 9.460           | 23,9                        | <b>160</b> |
| 60,0 | <sup>-0,50</sup> | 67,5 | 26,0 | 8,0                     | 1,5                     | 0,6                    | 240                    | 236                          | 2120                           | 10.630          | 31,6                        | <b>180</b> |
| 60,0 | <sup>-0,60</sup> | 70,0 | 27,0 | 8,0                     | 1,5                     | 0,6                    | 265                    | 259                          | 2350                           | 11.780          | 35,0                        | <b>200</b> |