

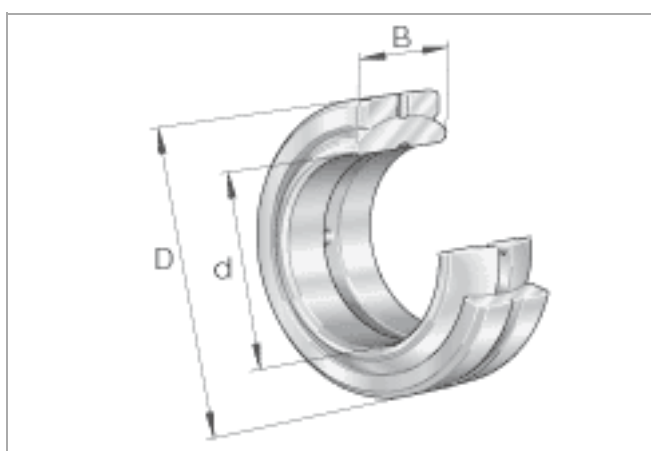


# Radial spherical plain bearings

## GE..-DO

requiring maintenance, to DIN ISO 12 240-1

The datasheet is only an overview of dimensions and basic load ratings for the selected series. Please ensure that you note all the guidance in these overview pages. Further information is given on many products under the menu item "Description". You can also obtain comprehensive information material via Catalogue selection (<http://www.ina.de/content.ina.de/en/services/mediathek/library/library.jsp>), by e-mail ([kataloge@de.ina.com](mailto:kataloge@de.ina.com)) or telephone +49 (91 32) 82 - 28 97.



|         | d<br>mm | D<br>mm | B<br>mm |
|---------|---------|---------|---------|
| GE6-DO  | 6       | 14      | 6       |
| GE8-DO  | 8       | 16      | 8       |
| GE10-DO | 10      | 19      | 9       |
| GE12-DO | 12      | 22      | 10      |
| GE15-DO | 15      | 26      | 12      |
| GE16-DO | 16      | 30      | 14      |
| GE17-DO | 17      | 30      | 14      |
| GE20-DO | 20      | 35      | 16      |
| GE25-DO | 25      | 42      | 20      |
| GE30-DO | 30      | 47      | 22      |
| GE35-DO | 35      | 55      | 25      |
| GE40-DO | 40      | 62      | 28      |
| GE45-DO | 45      | 68      | 32      |
|         | d<br>mm | D<br>mm | B<br>mm |

|          | d<br>mm | D<br>mm | B<br>mm |
|----------|---------|---------|---------|
| GE50-DO  | 50      | 75      | 35      |
| GE60-DO  | 60      | 90      | 44      |
| GE70-DO  | 70      | 105     | 49      |
| GE80-DO  | 80      | 120     | 55      |
| GE90-DO  | 90      | 130     | 60      |
| GE100-DO | 100     | 150     | 70      |
| GE110-DO | 110     | 160     | 70      |
| GE120-DO | 120     | 180     | 85      |
| GE140-DO | 140     | 210     | 90      |
| GE160-DO | 160     | 230     | 105     |
| GE180-DO | 180     | 260     | 105     |
| GE200-DO | 200     | 290     | 130     |
| GE320-DO | 320     | 440     | 160     |
| GE340-DO | 340     | 460     | 160     |
| GE360-DO | 360     | 480     | 160     |
| GE380-DO | 380     | 520     | 190     |
| GE400-DO | 400     | 540     | 190     |
| GE420-DO | 420     | 560     | 190     |
| GE440-DO | 440     | 600     | 218     |
| GE460-DO | 460     | 620     | 218     |
| GE480-DO | 480     | 650     | 230     |
| GE500-DO | 500     | 670     | 230     |
| GE530-DO | 530     | 710     | 243     |
| GE560-DO | 560     | 750     | 258     |
| GE600-DO | 600     | 800     | 272     |
| GE630-DO | 630     | 850     | 300     |
| GE670-DO | 670     | 900     | 308     |
| GE710-DO | 710     | 950     | 325     |
| GE750-DO | 750     | 1000    | 335     |
| GE800-DO | 800     | 1060    | 355     |
| GE850-DO | 850     | 1120    | 365     |
| GE900-DO | 900     | 1180    | 375     |
| GE950-DO | 950     | 1250    | 400     |
|          | d<br>mm | D<br>mm | B<br>mm |



|           | d<br>mm | D<br>mm | B<br>mm |
|-----------|---------|---------|---------|
| GE1000-DO | 1000    | 1320    | 438     |
|           | d<br>mm | D<br>mm | B<br>mm |

Figure 1

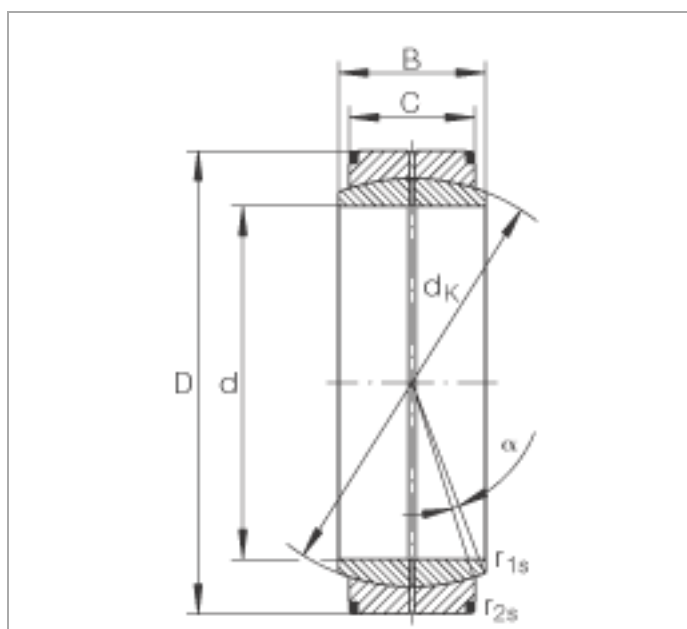
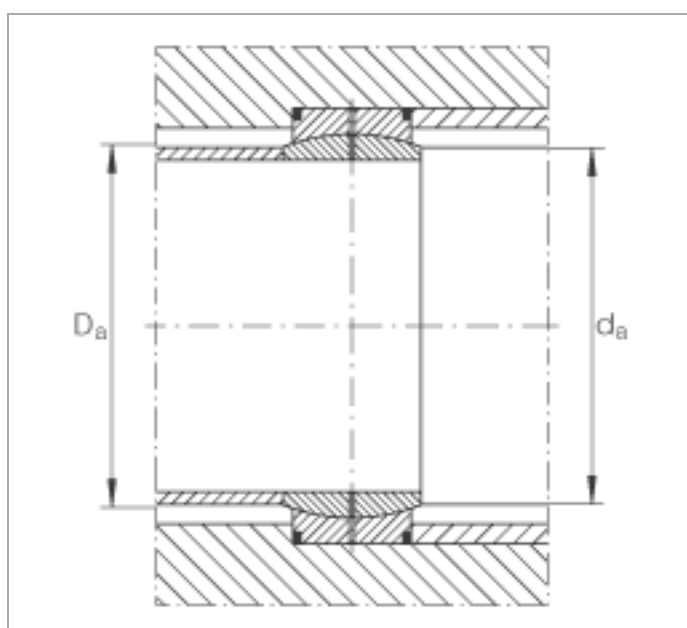


Figure 2



## GE6-DO

Figure 1 , Figure 2

|          |          |                                                                      |
|----------|----------|----------------------------------------------------------------------|
| d        | 6 mm     | Tolerance: 0 / -0,008                                                |
| D        | 14 mm    | Tolerance: 0 / -0,008                                                |
| B        | 6 mm     | Tolerance: 0 / -0,12                                                 |
| C        | 4 mm     | Tolerance: 0 / -0,24                                                 |
| da max   | 8 mm     |                                                                      |
| Da min   | 9,6 mm   |                                                                      |
| dk       | 10 mm    | No lubrication groove on spherical inner ring surface                |
| Gr max   | 0,068 mm | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min   | 0,032 mm | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min  | 0,3 mm   |                                                                      |
| r2s min  | 0,3 mm   |                                                                      |
| $\alpha$ | 13 °     |                                                                      |
|          |          | Without relubrication facility                                       |
| m        | 0,004 kg | Mass                                                                 |
| Cr       | 3400 N   | Basic dynamic load rating, radial                                    |
| C0r      | 17000 N  | Basic static load rating, radial                                     |

## GE8-DO

Figure 1 , Figure 2

|          |          |                                                                      |
|----------|----------|----------------------------------------------------------------------|
| d        | 8 mm     | Tolerance: 0 / -0,008                                                |
| D        | 16 mm    | Tolerance: 0 / -0,008                                                |
| B        | 8 mm     | Tolerance: 0 / -0,12                                                 |
| C        | 5 mm     | Tolerance: 0 / -0,24                                                 |
| da max   | 10,2 mm  |                                                                      |
| Da min   | 12,5 mm  |                                                                      |
| dk       | 13 mm    | No lubrication groove on spherical inner ring surface                |
| Gr max   | 0,068 mm | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min   | 0,032 mm | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min  | 0,3 mm   |                                                                      |
| r2s min  | 0,3 mm   |                                                                      |
| $\alpha$ | 15 °     |                                                                      |
|          |          | Without relubrication facility                                       |
| m        | 0,007 kg | Mass                                                                 |
| Cr       | 5500 N   | Basic dynamic load rating, radial                                    |
| C0r      | 27500 N  | Basic static load rating, radial                                     |

## GE10-DO

Figure 1 , Figure 2

|          |          |                                                                      |
|----------|----------|----------------------------------------------------------------------|
| d        | 10 mm    | Tolerance: 0 / -0,008                                                |
| D        | 19 mm    | Tolerance: 0 / -0,009                                                |
| B        | 9 mm     | Tolerance: 0 / -0,12                                                 |
| C        | 6 mm     | Tolerance: 0 / -0,24                                                 |
| da max   | 13,2 mm  |                                                                      |
| Da min   | 15,5 mm  |                                                                      |
| dk       | 16 mm    | No lubrication groove on spherical inner ring surface                |
| Gr max   | 0,068 mm | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min   | 0,032 mm | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min  | 0,3 mm   |                                                                      |
| r2s min  | 0,3 mm   |                                                                      |
| $\alpha$ | 12 °     |                                                                      |
|          |          | Without relubrication facility                                       |
| m        | 0,011 kg | Mass                                                                 |
| Cr       | 8150 N   | Basic dynamic load rating, radial                                    |
| C0r      | 40500 N  | Basic static load rating, radial                                     |

## GE12-DO

Figure 1 , Figure 2

|          |          |                                                                      |
|----------|----------|----------------------------------------------------------------------|
| d        | 12 mm    | Tolerance: 0 / -0,008                                                |
| D        | 22 mm    | Tolerance: 0 / -0,009                                                |
| B        | 10 mm    | Tolerance: 0 / -0,12                                                 |
| C        | 7 mm     | Tolerance: 0 / -0,24                                                 |
| da max   | 14,9 mm  |                                                                      |
| Da min   | 17,5 mm  |                                                                      |
| dk       | 18 mm    | No lubrication groove on spherical inner ring surface                |
| Gr max   | 0,068 mm | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min   | 0,032 mm | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min  | 0,3 mm   |                                                                      |
| r2s min  | 0,3 mm   |                                                                      |
| $\alpha$ | 11 °     |                                                                      |
|          |          | Without relubrication facility                                       |
| m        | 0,016 kg | Mass                                                                 |
| Cr       | 10800 N  | Basic dynamic load rating, radial                                    |
| C0r      | 54000 N  | Basic static load rating, radial                                     |

## GE15-DO

Figure 1 , Figure 2

|                 |          |                                                                      |
|-----------------|----------|----------------------------------------------------------------------|
| d               | 15 mm    | Tolerance: 0 / -0,008                                                |
| D               | 26 mm    | Tolerance: 0 / -0,009                                                |
| B               | 12 mm    | Tolerance: 0 / -0,12                                                 |
| C               | 9 mm     | Tolerance: 0 / -0,24                                                 |
| da max          | 18,4 mm  |                                                                      |
| Da min          | 21 mm    |                                                                      |
| dk              | 22 mm    | No lubrication groove on spherical inner ring surface                |
| Gr max          | 0,082 mm | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min          | 0,04 mm  | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min         | 0,3 mm   |                                                                      |
| r2s min         | 0,3 mm   |                                                                      |
| $\alpha$        | 8 °      |                                                                      |
| m               | 0,026 kg | Mass                                                                 |
| C <sub>r</sub>  | 17000 N  | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub> | 85000 N  | Basic static load rating, radial                                     |

## GE16-DO

Figure 1 , Figure 2

|                 |          |                                                                      |
|-----------------|----------|----------------------------------------------------------------------|
| d               | 16 mm    | Tolerance: 0 / -0,008                                                |
| D               | 30 mm    | Tolerance: 0 / -0,009                                                |
| B               | 14 mm    | Tolerance: 0 / -0,12                                                 |
| C               | 10 mm    | Tolerance: 0 / -0,24                                                 |
| da max          | 20,7 mm  |                                                                      |
| Da min          | 24 mm    |                                                                      |
| dk              | 25 mm    | No lubrication groove on spherical inner ring surface                |
| Gr max          | 0,082 mm | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min          | 0,04 mm  | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min         | 0,3 mm   |                                                                      |
| r2s min         | 0,3 mm   |                                                                      |
| $\alpha$        | 10 °     |                                                                      |
| m               | 0,043 kg | Mass                                                                 |
| C <sub>r</sub>  | 21200 N  | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub> | 106000 N | Basic static load rating, radial                                     |

## GE17-DO

Figure 1 , Figure 2

|                 |          |                                                                      |
|-----------------|----------|----------------------------------------------------------------------|
| d               | 17 mm    | Tolerance: 0 / -0,008                                                |
| D               | 30 mm    | Tolerance: 0 / -0,009                                                |
| B               | 14 mm    | Tolerance: 0 / -0,12                                                 |
| C               | 10 mm    | Tolerance: 0 / -0,24                                                 |
| da max          | 20,7 mm  |                                                                      |
| Da min          | 24 mm    |                                                                      |
| dk              | 25 mm    | No lubrication groove on spherical inner ring surface                |
| Gr max          | 0,082 mm | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min          | 0,04 mm  | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min         | 0,3 mm   |                                                                      |
| r2s min         | 0,3 mm   |                                                                      |
| $\alpha$        | 10 °     |                                                                      |
| m               | 0,039 kg | Mass                                                                 |
| C <sub>r</sub>  | 21200 N  | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub> | 106000 N | Basic static load rating, radial                                     |

## GE20-DO

Figure 1 , Figure 2

|                 |          |                                                                      |
|-----------------|----------|----------------------------------------------------------------------|
| d               | 20 mm    | Tolerance: 0 / -0,01                                                 |
| D               | 35 mm    | Tolerance: 0 / -0,011                                                |
| B               | 16 mm    | Tolerance: 0 / -0,12                                                 |
| C               | 12 mm    | Tolerance: 0 / -0,24                                                 |
| da max          | 24,1 mm  |                                                                      |
| Da min          | 27,5 mm  |                                                                      |
| dk              | 29 mm    | No lubrication groove on spherical inner ring surface                |
| Gr max          | 0,082 mm | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min          | 0,04 mm  | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min         | 0,3 mm   |                                                                      |
| r2s min         | 0,3 mm   |                                                                      |
| $\alpha$        | 9 °      |                                                                      |
| m               | 0,061 kg | Mass                                                                 |
| C <sub>r</sub>  | 30000 N  | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub> | 146000 N | Basic static load rating, radial                                     |

## GE25-DO

Figure 1 , Figure 2

|                 |          |                                                                      |
|-----------------|----------|----------------------------------------------------------------------|
| d               | 25 mm    | Tolerance: 0 / -0,01                                                 |
| D               | 42 mm    | Tolerance: 0 / -0,011                                                |
| B               | 20 mm    | Tolerance: 0 / -0,12                                                 |
| C               | 16 mm    | Tolerance: 0 / -0,24                                                 |
| da max          | 29,3 mm  |                                                                      |
| Da min          | 33 mm    |                                                                      |
| dk              | 35,5 mm  |                                                                      |
| Gr max          | 0,1 mm   | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min          | 0,05 mm  | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min         | 0,6 mm   |                                                                      |
| r2s min         | 0,6 mm   |                                                                      |
| $\alpha$        | 7 °      |                                                                      |
| m               | 0,11 kg  | Mass                                                                 |
| C <sub>r</sub>  | 48000 N  | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub> | 240000 N | Basic static load rating, radial                                     |

## GE30-DO

Figure 1 , Figure 2

|                    |          |                                                                      |
|--------------------|----------|----------------------------------------------------------------------|
| d                  | 30 mm    | Tolerance: 0 / -0,01                                                 |
| D                  | 47 mm    | Tolerance: 0 / -0,011                                                |
| B                  | 22 mm    | Tolerance: 0 / -0,12                                                 |
| C                  | 18 mm    | Tolerance: 0 / -0,24                                                 |
| d <sub>a max</sub> | 34,2 mm  |                                                                      |
| D <sub>a min</sub> | 38 mm    |                                                                      |
| dk                 | 40,7 mm  |                                                                      |
| Gr <sub>max</sub>  | 0,1 mm   | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr <sub>min</sub>  | 0,05 mm  | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min            | 0,6 mm   |                                                                      |
| r2s min            | 0,6 mm   |                                                                      |
| α                  | 6 °      |                                                                      |
| m                  | 0,14 kg  | Mass                                                                 |
| C <sub>r</sub>     | 62000 N  | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub>    | 310000 N | Basic static load rating, radial                                     |

## GE35-DO

Figure 1 , Figure 2

|                 |          |                                                                      |
|-----------------|----------|----------------------------------------------------------------------|
| d               | 35 mm    | Tolerance: 0 / -0,012                                                |
| D               | 55 mm    | Tolerance: 0 / -0,013                                                |
| B               | 25 mm    | Tolerance: 0 / -0,12                                                 |
| C               | 20 mm    | Tolerance: 0 / -0,3                                                  |
| da max          | 39,7 mm  |                                                                      |
| Da min          | 44,5 mm  |                                                                      |
| dk              | 47 mm    |                                                                      |
| Gr max          | 0,1 mm   | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min          | 0,05 mm  | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min         | 0,6 mm   |                                                                      |
| r2s min         | 1 mm     |                                                                      |
| $\alpha$        | 6 °      |                                                                      |
| m               | 0,22 kg  | Mass                                                                 |
| C <sub>r</sub>  | 80000 N  | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub> | 400000 N | Basic static load rating, radial                                     |

## GE40-DO

Figure 1 , Figure 2

|                    |          |                                                                      |
|--------------------|----------|----------------------------------------------------------------------|
| d                  | 40 mm    | Tolerance: 0 / -0,012                                                |
| D                  | 62 mm    | Tolerance: 0 / -0,013                                                |
| B                  | 28 mm    | Tolerance: 0 / -0,12                                                 |
| C                  | 22 mm    | Tolerance: 0 / -0,3                                                  |
| d <sub>a max</sub> | 45 mm    |                                                                      |
| D <sub>a min</sub> | 51 mm    |                                                                      |
| dk                 | 53 mm    |                                                                      |
| Gr <sub>max</sub>  | 0,12 mm  | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr <sub>min</sub>  | 0,06 mm  | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min            | 0,6 mm   |                                                                      |
| r2s min            | 1 mm     |                                                                      |
| α                  | 7 °      |                                                                      |
| m                  | 0,3 kg   | Mass                                                                 |
| C <sub>r</sub>     | 100000 N | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub>    | 500000 N | Basic static load rating, radial                                     |

## GE45-DO

Figure 1 , Figure 2

|                 |          |                                                                      |
|-----------------|----------|----------------------------------------------------------------------|
| d               | 45 mm    | Tolerance: 0 / -0,012                                                |
| D               | 68 mm    | Tolerance: 0 / -0,013                                                |
| B               | 32 mm    | Tolerance: 0 / -0,12                                                 |
| C               | 25 mm    | Tolerance: 0 / -0,3                                                  |
| da max          | 50,7 mm  |                                                                      |
| Da min          | 57 mm    |                                                                      |
| dk              | 60 mm    |                                                                      |
| Gr max          | 0,12 mm  | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min          | 0,06 mm  | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min         | 0,6 mm   |                                                                      |
| r2s min         | 1 mm     |                                                                      |
| $\alpha$        | 7 °      |                                                                      |
| m               | 0,41 kg  | Mass                                                                 |
| C <sub>r</sub>  | 127000 N | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub> | 640000 N | Basic static load rating, radial                                     |

## GE50-DO

Figure 1 , Figure 2

|                 |          |                                                                      |
|-----------------|----------|----------------------------------------------------------------------|
| d               | 50 mm    | Tolerance: 0 / -0,012                                                |
| D               | 75 mm    | Tolerance: 0 / -0,013                                                |
| B               | 35 mm    | Tolerance: 0 / -0,12                                                 |
| C               | 28 mm    | Tolerance: 0 / -0,3                                                  |
| da max          | 55,9 mm  |                                                                      |
| Da min          | 63 mm    |                                                                      |
| dk              | 66 mm    |                                                                      |
| Gr max          | 0,12 mm  | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min          | 0,06 mm  | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min         | 0,6 mm   |                                                                      |
| r2s min         | 1 mm     |                                                                      |
| $\alpha$        | 6 °      |                                                                      |
| m               | 0,53 kg  | Mass                                                                 |
| C <sub>r</sub>  | 156000 N | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub> | 780000 N | Basic static load rating, radial                                     |

## GE60-DO

Figure 1 , Figure 2

|                 |           |                                                                      |
|-----------------|-----------|----------------------------------------------------------------------|
| d               | 60 mm     | Tolerance: 0 / -0,015                                                |
| D               | 90 mm     | Tolerance: 0 / -0,015                                                |
| B               | 44 mm     | Tolerance: 0 / -0,15                                                 |
| C               | 36 mm     | Tolerance: 0 / -0,4                                                  |
| da max          | 66,8 mm   |                                                                      |
| Da min          | 75 mm     |                                                                      |
| dk              | 80 mm     |                                                                      |
| Gr max          | 0,12 mm   | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min          | 0,06 mm   | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min         | 1 mm      |                                                                      |
| r2s min         | 1 mm      |                                                                      |
| $\alpha$        | 6 °       |                                                                      |
| m               | 1 kg      | Mass                                                                 |
| C <sub>r</sub>  | 245000 N  | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub> | 1220000 N | Basic static load rating, radial                                     |

## GE70-DO

Figure 1 , Figure 2

|                 |           |                                                                      |
|-----------------|-----------|----------------------------------------------------------------------|
| d               | 70 mm     | Tolerance: 0 / -0,015                                                |
| D               | 105 mm    | Tolerance: 0 / -0,015                                                |
| B               | 49 mm     | Tolerance: 0 / -0,15                                                 |
| C               | 40 mm     | Tolerance: 0 / -0,4                                                  |
| da max          | 77,8 mm   |                                                                      |
| Da min          | 87 mm     |                                                                      |
| dk              | 92 mm     |                                                                      |
| Gr max          | 0,142 mm  | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min          | 0,072 mm  | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min         | 1 mm      |                                                                      |
| r2s min         | 1 mm      |                                                                      |
| $\alpha$        | 6 °       |                                                                      |
| m               | 1,5 kg    | Mass                                                                 |
| C <sub>r</sub>  | 315000 N  | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub> | 1560000 N | Basic static load rating, radial                                     |

## GE80-DO

Figure 1 , Figure 2

|                    |           |                                                                      |
|--------------------|-----------|----------------------------------------------------------------------|
| d                  | 80 mm     | Tolerance: 0 / -0,015                                                |
| D                  | 120 mm    | Tolerance: 0 / -0,015                                                |
| B                  | 55 mm     | Tolerance: 0 / -0,15                                                 |
| C                  | 45 mm     | Tolerance: 0 / -0,4                                                  |
| d <sub>a max</sub> | 89,4 mm   |                                                                      |
| D <sub>a min</sub> | 99 mm     |                                                                      |
| dk                 | 105 mm    |                                                                      |
| Gr <sub>max</sub>  | 0,142 mm  | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr <sub>min</sub>  | 0,072 mm  | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min            | 1 mm      |                                                                      |
| r2s min            | 1 mm      |                                                                      |
| α                  | 6 °       |                                                                      |
| m                  | 2,2 kg    | Mass                                                                 |
| C <sub>r</sub>     | 400000 N  | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub>    | 2000000 N | Basic static load rating, radial                                     |

## GE90-DO

Figure 1 , Figure 2

|                 |           |                                                                      |
|-----------------|-----------|----------------------------------------------------------------------|
| d               | 90 mm     | Tolerance: 0 / -0,02                                                 |
| D               | 130 mm    | Tolerance: 0 / -0,018                                                |
| B               | 60 mm     | Tolerance: 0 / -0,2                                                  |
| C               | 50 mm     | Tolerance: 0 / -0,5                                                  |
| da max          | 98,1 mm   |                                                                      |
| Da min          | 108 mm    |                                                                      |
| dk              | 115 mm    |                                                                      |
| Gr max          | 0,142 mm  | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min          | 0,072 mm  | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min         | 1 mm      |                                                                      |
| r2s min         | 1 mm      |                                                                      |
| $\alpha$        | 5 °       |                                                                      |
| m               | 2,7 kg    | Mass                                                                 |
| C <sub>r</sub>  | 490000 N  | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub> | 2450000 N | Basic static load rating, radial                                     |

## GE100-DO

Figure 1 , Figure 2

|                    |           |                                                                      |
|--------------------|-----------|----------------------------------------------------------------------|
| d                  | 100 mm    | Tolerance: 0 / -0,02                                                 |
| D                  | 150 mm    | Tolerance: 0 / -0,018                                                |
| B                  | 70 mm     | Tolerance: 0 / -0,2                                                  |
| C                  | 55 mm     | Tolerance: 0 / -0,5                                                  |
| d <sub>a max</sub> | 109,5 mm  |                                                                      |
| D <sub>a min</sub> | 123 mm    |                                                                      |
| dk                 | 130 mm    |                                                                      |
| Gr <sub>max</sub>  | 0,165 mm  | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr <sub>min</sub>  | 0,085 mm  | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min            | 1 mm      |                                                                      |
| r2s min            | 1 mm      |                                                                      |
| α                  | 7 °       |                                                                      |
| m                  | 4,3 kg    | Mass                                                                 |
| C <sub>r</sub>     | 610000 N  | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub>    | 3050000 N | Basic static load rating, radial                                     |

## GE110-DO

Figure 1 , Figure 2

|                 |           |                                                                      |
|-----------------|-----------|----------------------------------------------------------------------|
| d               | 110 mm    | Tolerance: 0 / -0,02                                                 |
| D               | 160 mm    | Tolerance: 0 / -0,025                                                |
| B               | 70 mm     | Tolerance: 0 / -0,2                                                  |
| C               | 55 mm     | Tolerance: 0 / -0,5                                                  |
| da max          | 121,2 mm  |                                                                      |
| Da min          | 134 mm    |                                                                      |
| dk              | 140 mm    |                                                                      |
| Gr max          | 0,165 mm  | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min          | 0,085 mm  | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min         | 1 mm      |                                                                      |
| r2s min         | 1 mm      |                                                                      |
| $\alpha$        | 6 °       |                                                                      |
| m               | 4,7 kg    | Mass                                                                 |
| C <sub>r</sub>  | 655000 N  | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub> | 3250000 N | Basic static load rating, radial                                     |

## GE120-DO

Figure 1 , Figure 2

|                 |           |                                                                      |
|-----------------|-----------|----------------------------------------------------------------------|
| d               | 120 mm    | Tolerance: 0 / -0,02                                                 |
| D               | 180 mm    | Tolerance: 0 / -0,025                                                |
| B               | 85 mm     | Tolerance: 0 / -0,2                                                  |
| C               | 70 mm     | Tolerance: 0 / -0,5                                                  |
| da max          | 135,5 mm  |                                                                      |
| Da min          | 150 mm    |                                                                      |
| dk              | 160 mm    |                                                                      |
| Gr max          | 0,165 mm  | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min          | 0,085 mm  | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min         | 1 mm      |                                                                      |
| r2s min         | 1 mm      |                                                                      |
| $\alpha$        | 6 °       |                                                                      |
| m               | 8 kg      | Mass                                                                 |
| C <sub>r</sub>  | 950000 N  | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub> | 4750000 N | Basic static load rating, radial                                     |

## GE140-DO

Figure 1 , Figure 2

|                 |           |                                                                      |
|-----------------|-----------|----------------------------------------------------------------------|
| d               | 140 mm    | Tolerance: 0 / -0,025                                                |
| D               | 210 mm    | Tolerance: 0 / -0,03                                                 |
| B               | 90 mm     | Tolerance: 0 / -0,25                                                 |
| C               | 70 mm     | Tolerance: 0 / -0,6                                                  |
| da max          | 155,8 mm  |                                                                      |
| Da min          | 173 mm    |                                                                      |
| dk              | 180 mm    |                                                                      |
| Gr max          | 0,165 mm  | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min          | 0,085 mm  | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min         | 1 mm      |                                                                      |
| r2s min         | 1 mm      |                                                                      |
| $\alpha$        | 7 °       |                                                                      |
| m               | 11 kg     | Mass                                                                 |
| C <sub>r</sub>  | 1080000 N | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub> | 5400000 N | Basic static load rating, radial                                     |

## GE160-DO

Figure 1 , Figure 2

|                 |           |                                                                      |
|-----------------|-----------|----------------------------------------------------------------------|
| d               | 160 mm    | Tolerance: 0 / -0,025                                                |
| D               | 230 mm    | Tolerance: 0 / -0,03                                                 |
| B               | 105 mm    | Tolerance: 0 / -0,25                                                 |
| C               | 80 mm     | Tolerance: 0 / -0,6                                                  |
| da max          | 170,2 mm  |                                                                      |
| Da min          | 191 mm    |                                                                      |
| dk              | 200 mm    |                                                                      |
| Gr max          | 0,192 mm  | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min          | 0,1 mm    | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min         | 1 mm      |                                                                      |
| r2s min         | 1 mm      |                                                                      |
| $\alpha$        | 8 °       |                                                                      |
| m               | 14 kg     | Mass                                                                 |
| C <sub>r</sub>  | 1370000 N | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub> | 6800000 N | Basic static load rating, radial                                     |

## GE180-DO

Figure 1 , Figure 2

|                 |           |                                                                      |
|-----------------|-----------|----------------------------------------------------------------------|
| d               | 180 mm    | Tolerance: 0 / -0,025                                                |
| D               | 260 mm    | Tolerance: 0 / -0,035                                                |
| B               | 105 mm    | Tolerance: 0 / -0,25                                                 |
| C               | 80 mm     | Tolerance: 0 / -0,7                                                  |
| da max          | 198,9 mm  |                                                                      |
| Da min          | 219 mm    |                                                                      |
| dk              | 225 mm    |                                                                      |
| Gr max          | 0,192 mm  | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min          | 0,1 mm    | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min         | 1,1 mm    |                                                                      |
| r2s min         | 1,1 mm    |                                                                      |
| $\alpha$        | 6 °       |                                                                      |
| m               | 18,2 kg   | Mass                                                                 |
| C <sub>r</sub>  | 1530000 N | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub> | 7650000 N | Basic static load rating, radial                                     |

## GE200-DO

Figure 1 , Figure 2

|                 |            |                                                                      |
|-----------------|------------|----------------------------------------------------------------------|
| d               | 200 mm     | Tolerance: 0 / -0,03                                                 |
| D               | 290 mm     | Tolerance: 0 / -0,035                                                |
| B               | 130 mm     | Tolerance: 0 / -0,3                                                  |
| C               | 100 mm     | Tolerance: 0 / -0,7                                                  |
| da max          | 213,5 mm   |                                                                      |
| Da min          | 239 mm     |                                                                      |
| dk              | 250 mm     |                                                                      |
| Gr max          | 0,192 mm   | Max. radial internal clearance<br>Also available in groups C2 and C3 |
| Gr min          | 0,1 mm     | Min. radial internal clearance<br>Also available in groups C2 and C3 |
| r1s min         | 1,1 mm     |                                                                      |
| r2s min         | 1,1 mm     |                                                                      |
| $\alpha$        | 7 °        |                                                                      |
| m               | 28,3 kg    | Mass                                                                 |
| C <sub>r</sub>  | 2120000 N  | Basic dynamic load rating, radial                                    |
| C <sub>0r</sub> | 10600000 N | Basic static load rating, radial                                     |

## GE320-DO

Figure 1 , Figure 2

|                 |            |                                   |
|-----------------|------------|-----------------------------------|
| d               | 320 mm     | Tolerance: 0 / -0,04              |
| D               | 440 mm     | Tolerance: 0 / -0,045             |
| B               | 160 mm     | Tolerance: 0 / -0,4               |
| C               | 135 mm     | Tolerance: 0 / -0,9               |
| da max          | 344,6 mm   |                                   |
| Da min          | 361 mm     | Da max = Da min + 20 mm           |
| dk              | 380 mm     |                                   |
| Gr max          | 0,239 mm   | Max. radial internal clearance    |
| Gr min          | 0,125 mm   | Min. radial internal clearance    |
| r1s min         | 1,1 mm     |                                   |
| r2s min         | 3 mm       |                                   |
| $\alpha$        | 4 °        |                                   |
| m               | 76,4 kg    | Mass                              |
| C <sub>r</sub>  | 4400000 N  | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 22000000 N | Basic static load rating, radial  |

## GE340-DO

Figure 1 , Figure 2

|                 |            |                                   |
|-----------------|------------|-----------------------------------|
| d               | 340 mm     | Tolerance: 0 / -0,04              |
| D               | 460 mm     | Tolerance: 0 / -0,045             |
| B               | 160 mm     | Tolerance: 0 / -0,4               |
| C               | 135 mm     | Tolerance: 0 / -0,9               |
| da max          | 366,6 mm   |                                   |
| Da min          | 382 mm     | Da max = Da min + 20 mm           |
| dk              | 400 mm     |                                   |
| Gr max          | 0,239 mm   | Max. radial internal clearance    |
| Gr min          | 0,125 mm   | Min. radial internal clearance    |
| r1s min         | 1,1 mm     |                                   |
| r2s min         | 3 mm       |                                   |
| $\alpha$        | 3,8 °      |                                   |
| m               | 81,6 kg    | Mass                              |
| C <sub>r</sub>  | 4650000 N  | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 23200000 N | Basic static load rating, radial  |

## GE360-DO

Figure 1 , Figure 2

|                 |            |                                   |
|-----------------|------------|-----------------------------------|
| d               | 360 mm     | Tolerance: 0 / -0,04              |
| D               | 480 mm     | Tolerance: 0 / -0,045             |
| B               | 160 mm     | Tolerance: 0 / -0,4               |
| C               | 135 mm     | Tolerance: 0 / -0,9               |
| da max          | 388,3 mm   |                                   |
| Da min          | 403 mm     | Da max = Da min + 20 mm           |
| dk              | 420 mm     |                                   |
| Gr max          | 0,261 mm   | Max. radial internal clearance    |
| Gr min          | 0,135 mm   | Min. radial internal clearance    |
| r1s min         | 1,1 mm     |                                   |
| r2s min         | 3 mm       |                                   |
| $\alpha$        | 3,6 °      |                                   |
| m               | 84,2 kg    | Mass                              |
| C <sub>r</sub>  | 4800000 N  | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 24000000 N | Basic static load rating, radial  |

## GE380-DO

Figure 1 , Figure 2

|          |            |                                   |
|----------|------------|-----------------------------------|
| d        | 380 mm     | Tolerance: 0 / -0,04              |
| D        | 520 mm     | Tolerance: 0 / -0,05              |
| B        | 190 mm     | Tolerance: 0 / -0,4               |
| C        | 160 mm     | Tolerance: 0 / -1                 |
| da max   | 407,9 mm   |                                   |
| Da min   | 426 mm     | Da max = Da min + 20 mm           |
| dk       | 450 mm     |                                   |
| Gr max   | 0,261 mm   | Max. radial internal clearance    |
| Gr min   | 0,135 mm   | Min. radial internal clearance    |
| r1s min  | 1,5 mm     |                                   |
| r2s min  | 4 mm       |                                   |
| $\alpha$ | 4,1 °      |                                   |
| m        | 129 kg     | Mass                              |
| Cr       | 6300000 N  | Basic dynamic load rating, radial |
| C0r      | 31500000 N | Basic static load rating, radial  |

## GE400-DO

Figure 1 , Figure 2

|                 |            |                                   |
|-----------------|------------|-----------------------------------|
| d               | 400 mm     | Tolerance: 0 / -0,04              |
| D               | 540 mm     | Tolerance: 0 / -0,05              |
| B               | 190 mm     | Tolerance: 0 / -0,4               |
| C               | 160 mm     | Tolerance: 0 / -1                 |
| da max          | 429,8 mm   |                                   |
| Da min          | 447 mm     | Da max = Da min + 20 mm           |
| dk              | 470 mm     |                                   |
| Gr max          | 0,261 mm   | Max. radial internal clearance    |
| Gr min          | 0,135 mm   | Min. radial internal clearance    |
| r1s min         | 1,5 mm     |                                   |
| r2s min         | 4 mm       |                                   |
| $\alpha$        | 3,9 °      |                                   |
| m               | 133 kg     | Mass                              |
| C <sub>r</sub>  | 6550000 N  | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 32500000 N | Basic static load rating, radial  |

## GE420-DO

Figure 1 , Figure 2

|                 |            |                                   |
|-----------------|------------|-----------------------------------|
| d               | 420 mm     | Tolerance: 0 / -0,045             |
| D               | 560 mm     | Tolerance: 0 / -0,05              |
| B               | 190 mm     | Tolerance: 0 / -0,45              |
| C               | 160 mm     | Tolerance: 0 / -1                 |
| da max          | 451,6 mm   |                                   |
| Da min          | 469 mm     | Da max = Da min + 20 mm           |
| dk              | 490 mm     |                                   |
| Gr max          | 0,261 mm   | Max. radial internal clearance    |
| Gr min          | 0,135 mm   | Min. radial internal clearance    |
| r1s min         | 1,5 mm     |                                   |
| r2s min         | 4 mm       |                                   |
| $\alpha$        | 3,7 °      |                                   |
| m               | 138 kg     | Mass                              |
| C <sub>r</sub>  | 6800000 N  | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 34500000 N | Basic static load rating, radial  |

## GE440-DO

Figure 1 , Figure 2

|                 |            |                                   |
|-----------------|------------|-----------------------------------|
| d               | 440 mm     | Tolerance: 0 / -0,045             |
| D               | 600 mm     | Tolerance: 0 / -0,05              |
| B               | 218 mm     | Tolerance: 0 / -0,45              |
| C               | 185 mm     | Tolerance: 0 / -1                 |
| da max          | 472 mm     |                                   |
| Da min          | 491 mm     | Da max = Da min + 20 mm           |
| dk              | 520 mm     |                                   |
| Gr max          | 0,285 mm   | Max. radial internal clearance    |
| Gr min          | 0,145 mm   | Min. radial internal clearance    |
| r1s min         | 1,5 mm     |                                   |
| r2s min         | 4 mm       |                                   |
| $\alpha$        | 3,9 °      |                                   |
| m               | 198 kg     | Mass                              |
| C <sub>r</sub>  | 8650000 N  | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 42300000 N | Basic static load rating, radial  |

## GE460-DO

Figure 1 , Figure 2

|                 |            |                                   |
|-----------------|------------|-----------------------------------|
| d               | 460 mm     | Tolerance: 0 / -0,045             |
| D               | 620 mm     | Tolerance: 0 / -0,05              |
| B               | 218 mm     | Tolerance: 0 / -0,45              |
| C               | 185 mm     | Tolerance: 0 / -1                 |
| da max          | 494 mm     |                                   |
| Da min          | 513 mm     | Da max = Da min + 20 mm           |
| dk              | 540 mm     |                                   |
| Gr max          | 0,285 mm   | Max. radial internal clearance    |
| Gr min          | 0,145 mm   | Min. radial internal clearance    |
| r1s min         | 1,5 mm     |                                   |
| r2s min         | 4 mm       |                                   |
| $\alpha$        | 3,7 °      |                                   |
| m               | 200 kg     | Mass                              |
| C <sub>r</sub>  | 9000000 N  | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 45000000 N | Basic static load rating, radial  |

## GE480-DO

Figure 1 , Figure 2

|                 |            |                                   |
|-----------------|------------|-----------------------------------|
| d               | 480 mm     | Tolerance: 0 / -0,045             |
| D               | 650 mm     | Tolerance: 0 / -0,075             |
| B               | 230 mm     | Tolerance: 0 / -0,45              |
| C               | 195 mm     | Tolerance: 0 / -1,1               |
| da max          | 516 mm     |                                   |
| Da min          | 536 mm     | Da max = Da min + 20 mm           |
| dk              | 565 mm     |                                   |
| Gr max          | 0,285 mm   | Max. radial internal clearance    |
| Gr min          | 0,145 mm   | Min. radial internal clearance    |
| r1s min         | 2 mm       |                                   |
| r2s min         | 5 mm       |                                   |
| $\alpha$        | 3,8 °      |                                   |
| m               | 237 kg     | Mass                              |
| C <sub>r</sub>  | 9800000 N  | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 49000000 N | Basic static load rating, radial  |

## GE500-DO

Figure 1 , Figure 2

|                 |            |                                   |
|-----------------|------------|-----------------------------------|
| d               | 500 mm     | Tolerance: 0 / -0,045             |
| D               | 670 mm     | Tolerance: 0 / -0,075             |
| B               | 230 mm     | Tolerance: 0 / -0,45              |
| C               | 195 mm     | Tolerance: 0 / -1,1               |
| da max          | 537,8 mm   |                                   |
| Da min          | 557 mm     | Da max = Da min + 20 mm           |
| dk              | 585 mm     |                                   |
| Gr max          | 0,285 mm   | Max. radial internal clearance    |
| Gr min          | 0,145 mm   | Min. radial internal clearance    |
| r1s min         | 2 mm       |                                   |
| r2s min         | 5 mm       |                                   |
| $\alpha$        | 3,6 °      |                                   |
| m               | 244 kg     | Mass                              |
| C <sub>r</sub>  | 10200000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 51000000 N | Basic static load rating, radial  |

## GE530-DO

Figure 1 , Figure 2

|                 |            |                                   |
|-----------------|------------|-----------------------------------|
| d               | 530 mm     | Tolerance: 0 / -0,05              |
| D               | 710 mm     | Tolerance: 0 / -0,075             |
| B               | 243 mm     | Tolerance: 0 / -0,5               |
| C               | 205 mm     | Tolerance: 0 / -1,1               |
| da max          | 570,3 mm   |                                   |
| Da min          | 591 mm     | Da max = Da min + 20 mm           |
| dk              | 620 mm     |                                   |
| Gr max          | 0,285 mm   | Max. radial internal clearance    |
| Gr min          | 0,145 mm   | Min. radial internal clearance    |
| r1s min         | 2 mm       |                                   |
| r2s min         | 5 mm       |                                   |
| $\alpha$        | 3,7 °      |                                   |
| m               | 289 kg     | Mass                              |
| C <sub>r</sub>  | 11400000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 57000000 N | Basic static load rating, radial  |

## GE560-DO

Figure 1 , Figure 2

|                 |            |                                   |
|-----------------|------------|-----------------------------------|
| d               | 560 mm     | Tolerance: 0 / -0,05              |
| D               | 750 mm     | Tolerance: 0 / -0,075             |
| B               | 258 mm     | Tolerance: 0 / -0,5               |
| C               | 215 mm     | Tolerance: 0 / -1,1               |
| da max          | 602 mm     |                                   |
| Da min          | 624 mm     | Da max = Da min + 20 mm           |
| dk              | 655 mm     |                                   |
| Gr max          | 0,32 mm    | Max. radial internal clearance    |
| Gr min          | 0,16 mm    | Min. radial internal clearance    |
| r1s min         | 2 mm       |                                   |
| r2s min         | 5 mm       |                                   |
| $\alpha$        | 4 °        |                                   |
| m               | 325 kg     | Mass                              |
| C <sub>r</sub>  | 12700000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 64000000 N | Basic static load rating, radial  |

## GE600-DO

Figure 1 , Figure 2

|                 |            |                                   |
|-----------------|------------|-----------------------------------|
| d               | 600 mm     | Tolerance: 0 / -0,05              |
| D               | 800 mm     | Tolerance: 0 / -0,075             |
| B               | 272 mm     | Tolerance: 0 / -0,5               |
| C               | 230 mm     | Tolerance: 0 / -1,1               |
| da max          | 644,9 mm   |                                   |
| Da min          | 667 mm     | Da max = Da min + 20 mm           |
| dk              | 700 mm     |                                   |
| Gr max          | 0,32 mm    | Max. radial internal clearance    |
| Gr min          | 0,16 mm    | Min. radial internal clearance    |
| r1s min         | 2 mm       |                                   |
| r2s min         | 5 mm       |                                   |
| $\alpha$        | 3,6 °      |                                   |
| m               | 407 kg     | Mass                              |
| C <sub>r</sub>  | 14600000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 73500000 N | Basic static load rating, radial  |

## GE630-DO

Figure 1 , Figure 2

|                 |            |                                   |
|-----------------|------------|-----------------------------------|
| d               | 630 mm     | Tolerance: 0 / -0,05              |
| D               | 850 mm     | Tolerance: 0 / -0,1               |
| B               | 300 mm     | Tolerance: 0 / -0,5               |
| C               | 260 mm     | Tolerance: 0 / -1,2               |
| da max          | 676,4 mm   |                                   |
| Da min          | 698 mm     | Da max = Da min + 20 mm           |
| dk              | 740 mm     |                                   |
| Gr max          | 0,32 mm    | Max. radial internal clearance    |
| Gr min          | 0,16 mm    | Min. radial internal clearance    |
| r1s min         | 3 mm       |                                   |
| r2s min         | 6 mm       |                                   |
| $\alpha$        | 3,3 °      |                                   |
| m               | 525 kg     | Mass                              |
| C <sub>r</sub>  | 17600000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 88000000 N | Basic static load rating, radial  |

## GE670-DO

Figure 1 , Figure 2

|                 |            |                                   |
|-----------------|------------|-----------------------------------|
| d               | 670 mm     | Tolerance: 0 / -0,075             |
| D               | 900 mm     | Tolerance: 0 / -0,1               |
| B               | 308 mm     | Tolerance: 0 / -0,75              |
| C               | 260 mm     | Tolerance: 0 / -1,2               |
| da max          | 722 mm     |                                   |
| Da min          | 746 mm     | Da max = Da min + 20 mm           |
| dk              | 785 mm     |                                   |
| Gr max          | 0,32 mm    | Max. radial internal clearance    |
| Gr min          | 0,16 mm    | Min. radial internal clearance    |
| r1s min         | 3 mm       |                                   |
| r2s min         | 6 mm       |                                   |
| $\alpha$        | 3,7 °      |                                   |
| m               | 594 kg     | Mass                              |
| C <sub>r</sub>  | 19000000 N | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 95000000 N | Basic static load rating, radial  |

## GE710-DO

Figure 1 , Figure 2

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 710 mm      | Tolerance: 0 / -0,075             |
| D               | 950 mm      | Tolerance: 0 / -0,1               |
| B               | 325 mm      | Tolerance: 0 / -0,75              |
| C               | 275 mm      | Tolerance: 0 / -1,2               |
| da max          | 763,7 mm    |                                   |
| Da min          | 789 mm      | Da max = Da min + 20 mm           |
| dk              | 830 mm      |                                   |
| Gr max          | 0,35 mm     | Max. radial internal clearance    |
| Gr min          | 0,17 mm     | Min. radial internal clearance    |
| r1s min         | 3 mm        |                                   |
| r2s min         | 6 mm        |                                   |
| $\alpha$        | 3,7 °       |                                   |
| m               | 693 kg      | Mass                              |
| C <sub>r</sub>  | 21200000 N  | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 106000000 N | Basic static load rating, radial  |

## GE750-DO

Figure 1 , Figure 2

|                    |             |                                   |
|--------------------|-------------|-----------------------------------|
| d                  | 750 mm      | Tolerance: 0 / -0,075             |
| D                  | 1000 mm     | Tolerance: 0 / -0,1               |
| B                  | 335 mm      | Tolerance: 0 / -0,75              |
| C                  | 280 mm      | Tolerance: 0 / -1,2               |
| d <sub>a max</sub> | 808,3 mm    |                                   |
| D <sub>a min</sub> | 834 mm      | Da max = Da min + 20 mm           |
| dk                 | 875 mm      |                                   |
| Gr max             | 0,35 mm     | Max. radial internal clearance    |
| Gr min             | 0,17 mm     | Min. radial internal clearance    |
| r1s min            | 3 mm        |                                   |
| r2s min            | 6 mm        |                                   |
| α                  | 3,8 °       |                                   |
| m                  | 779 kg      | Mass                              |
| C <sub>r</sub>     | 22800000 N  | Basic dynamic load rating, radial |
| C <sub>0r</sub>    | 114000000 N | Basic static load rating, radial  |

## GE800-DO

Figure 1 , Figure 2

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 800 mm      | Tolerance: 0 / -0,075             |
| D               | 1060 mm     | Tolerance: 0 / -0,125             |
| B               | 355 mm      | Tolerance: 0 / -0,75              |
| C               | 300 mm      | Tolerance: 0 / +1,3               |
| da max          | 859,5 mm    |                                   |
| Da min          | 886 mm      | Da max = Da min + 20 mm           |
| dk              | 930 mm      |                                   |
| Gr max          | 0,35 mm     | Max. radial internal clearance    |
| Gr min          | 0,17 mm     | Min. radial internal clearance    |
| r1s min         | 3 mm        |                                   |
| r2s min         | 6 mm        |                                   |
| $\alpha$        | 3,6 °       |                                   |
| m               | 920 kg      | Mass                              |
| C <sub>r</sub>  | 26000000 N  | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 129000000 N | Basic static load rating, radial  |

## GE850-DO

Figure 1 , Figure 2

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 850 mm      | Tolerance: 0 / -0,1               |
| D               | 1120 mm     | Tolerance: 0 / -0,125             |
| B               | 365 mm      | Tolerance: 0 / -1                 |
| C               | 310 mm      | Tolerance: 0 / -1,3               |
| da max          | 914,8 mm    |                                   |
| Da min          | 940 mm      | Da max = Da min + 20 mm           |
| dk              | 985 mm      |                                   |
| Gr max          | 0,35 mm     | Max. radial internal clearance    |
| Gr min          | 0,17 mm     | Min. radial internal clearance    |
| r1s min         | 3 mm        |                                   |
| r2s min         | 6 mm        |                                   |
| $\alpha$        | 3,4 °       |                                   |
| m               | 1047 kg     | Mass                              |
| C <sub>r</sub>  | 28500000 N  | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 143000000 N | Basic static load rating, radial  |

## GE900-DO

Figure 1 , Figure 2

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 900 mm      | Tolerance: 0 / -0,1               |
| D               | 1180 mm     | Tolerance: 0 / -0,125             |
| B               | 375 mm      | Tolerance: 0 / -1                 |
| C               | 320 mm      | Tolerance: 0 / +1,3               |
| da max          | 970 mm      |                                   |
| Da min          | 995 mm      | Da max = Da min + 20 mm           |
| dk              | 1040 mm     |                                   |
| Gr max          | 0,405 mm    | Max. radial internal clearance    |
| Gr min          | 0,195 mm    | Min. radial internal clearance    |
| r1s min         | 3 mm        |                                   |
| r2s min         | 6 mm        |                                   |
| $\alpha$        | 3,2 °       |                                   |
| m               | 1184 kg     | Mass                              |
| C <sub>r</sub>  | 31000000 N  | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 156000000 N | Basic static load rating, radial  |

## GE950-DO

Figure 1 , Figure 2

|                    |             |                                   |
|--------------------|-------------|-----------------------------------|
| d                  | 950 mm      | Tolerance: 0 / -0,1               |
| D                  | 1250 mm     | Tolerance: 0 / -0,125             |
| B                  | 400 mm      | Tolerance: 0 / -1                 |
| C                  | 340 mm      | Tolerance: 0 / -1,3               |
| d <sub>a max</sub> | 1024,6 mm   |                                   |
| D <sub>a min</sub> | 1052 mm     | Da max = Da min + 20 mm           |
| dk                 | 1100 mm     |                                   |
| Gr <sub>max</sub>  | 0,405 mm    | Max. radial internal clearance    |
| Gr <sub>min</sub>  | 0,195 mm    | Min. radial internal clearance    |
| r1s <sub>min</sub> | 4 mm        |                                   |
| r2s <sub>min</sub> | 7,5 mm      |                                   |
| α                  | 3,3 °       |                                   |
| m                  | 1420 kg     | Mass                              |
| C <sub>r</sub>     | 35500000 N  | Basic dynamic load rating, radial |
| C <sub>0r</sub>    | 176000000 N | Basic static load rating, radial  |

## GE1000-DO

Figure 1 , Figure 2

|          |             |                                   |
|----------|-------------|-----------------------------------|
| d        | 1000 mm     | Tolerance: 0 / -0,1               |
| D        | 1320 mm     | Tolerance: 0 / -0,16              |
| B        | 438 mm      | Tolerance: 0 / -1                 |
| C        | 370 mm      | Tolerance: 0 / -1,6               |
| da max   | 1074,1 mm   |                                   |
| Da min   | 1105 mm     | Da max = Da min + 20 mm           |
| dk       | 1160 mm     |                                   |
| Gr max   | 0,405 mm    | Max. radial internal clearance    |
| Gr min   | 0,195 mm    | Min. radial internal clearance    |
| r1s min  | 4 mm        |                                   |
| r2s min  | 7,5 mm      |                                   |
| $\alpha$ | 3,5 °       |                                   |
| m        | 1742 kg     | Mass                              |
| Cr       | 40500000 N  | Basic dynamic load rating, radial |
| C0r      | 204000000 N | Basic static load rating, radial  |