



# Radial spherical plain bearings

## GE50-DO (Series GE..-DO)

requiring maintenance, to DIN ISO 12 240-1

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue ordering system (<http://www.ina.de/content.ina.de/en/mediathek/library/library.jsp>) or by telephone on +49 (91 32) 82 - 28 97.

|                        |                |                                                                       |
|------------------------|----------------|-----------------------------------------------------------------------|
| d                      | 50 mm          | Tolerance: 0 / -0,012                                                 |
| D                      | 75 mm          | Tolerance: 0 / -0,013                                                 |
| B                      | 35 mm          | Tolerance: 0 / -0,12                                                  |
|                        | 0,06 - 0,12 mm | Radial internal clearance<br>CN<br>Also available in groups C2 and C3 |
| C                      | 28 mm          | Tolerance: 0 / -0,3                                                   |
| d <sub>a</sub><br>max  | 55,9 mm        |                                                                       |
| D <sub>a</sub><br>min  | 63 mm          |                                                                       |
| d <sub>k</sub>         | 66 mm          |                                                                       |
| r <sub>1s</sub><br>min | 0,6 mm         | Chamfer dimension                                                     |
| r <sub>2s</sub><br>min | 1 mm           | Chamfer dimension                                                     |
| α                      | 6 °            |                                                                       |
| m                      | 0,53 kg        | Mass                                                                  |
| C <sub>r</sub>         | 157000 N       | Basic dynamic load rating, radial                                     |
| C <sub>0r</sub>        | 785000 N       | Basic static load rating, radial                                      |

