

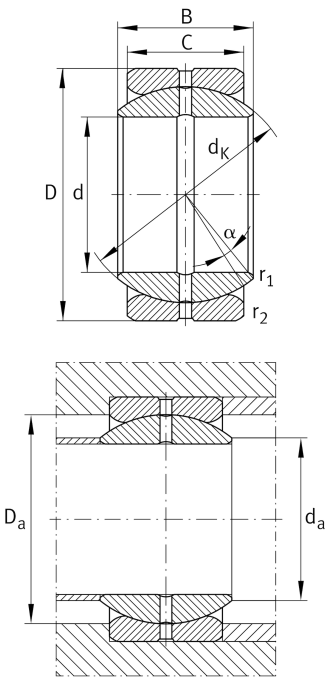


GE25-ZO-2RS-E

Spherical plain bearing

Spherical plain bearing

Informacje techniczne



Twoja aktualna wersja produktu

|                           |                      |                                                                    |
|---------------------------|----------------------|--------------------------------------------------------------------|
| Maintenance               | Maintenance required |                                                                    |
| Material                  | Steel                |                                                                    |
| Sealing                   | 2RS                  | Lip seals on both sides                                            |
| Radial internal clearance | CN (Group N)         | Normal internal clearance                                          |
| Coating                   | Durotect M           | Inner- and outer ring coated with Durotect M (Manganese Phosphate) |

Main Dimensions & Performance Data

|                 |           |                                   |
|-----------------|-----------|-----------------------------------|
| d               | 25,4 mm   | Bore diameter bearing             |
| D               | 41,275 mm | Outside diameter bearing          |
| B               | 22,225 mm | Width inner ring                  |
| C <sub>r</sub>  | 54.100 N  | Basic dynamic load rating, radial |
| C <sub>0r</sub> | 271.000 N | Basic static load rating, radial  |
| ≈m              | 0,12 kg   | Masa                              |

Mounting dimensions

|                    |         |                               |
|--------------------|---------|-------------------------------|
| r <sub>1smin</sub> | 0,3 mm  | Edge Spacing                  |
| r <sub>2smin</sub> | 0,6 mm  | Edge Spacing                  |
| d <sub>a max</sub> | 27,7 mm | Connection measure Inner ring |
| D <sub>a min</sub> | 31,5 mm | Housing Connection Diameter   |



Dimensions

|                   |           |                                        |
|-------------------|-----------|----------------------------------------|
| C                 | 19,05 mm  | Width Outer ring                       |
| d <sub>K</sub>    | 35,5 mm   | Ball diameter                          |
| α                 | 6 °       | Tilt angle                             |
| d <sub>OT</sub>   | 0 mm      | Bore diameter bearing, upper tolerance |
| d <sub>UT</sub>   | -0,01 mm  | Bore diameter bearing, lower tolerance |
| d <sub>T</sub>    | 0,01      | Bore diameter bearing, tolerance       |
| D <sub>OT</sub>   | 0 mm      | Outside diameter, upper tolerance      |
| D <sub>UT</sub>   | -0,011 mm | Outside diameter, lower tolerance      |
| B <sub>OT</sub>   | 0 mm      | Width inner ring, upper tolerance      |
| B <sub>UT</sub>   | 0 mm      | Width inner ring, lower tolerance      |
| C <sub>OT</sub>   | 0 mm      | Width outer ring, upper tolerance      |
| C <sub>UT</sub>   | -0,24 mm  | Width outer ring, lower tolerance      |
| G <sub>r</sub>    | 0.1       | Radial Clearance                       |
| G <sub>rmax</sub> | 0,18 mm   | Radial clearance, maximum              |
| G <sub>rmin</sub> | 0,08 mm   | Radial clearance, minimum              |

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 130 °C | Operating temperature max. |



## Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Uszczelnienie dwustronne



Nieosiowość statyczna



Nieosiowość dynamiczna