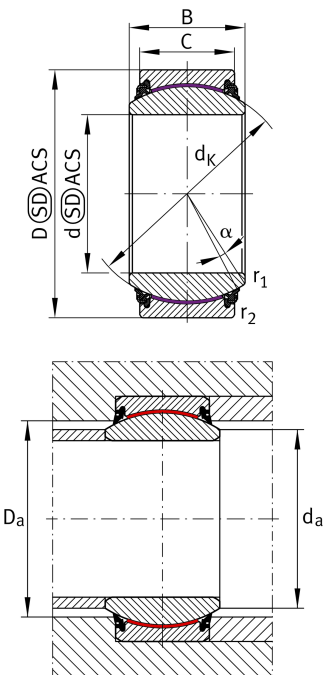


GE45-UK-2TS

Spherical plain bearing

Radial spherical plain bearing, maintenance-free, sliding layer: ELGOGLIDE, DIN ISO 12240-1, Tolerances of the outside diameter and bore not according to DIN ISO 12240-1, dimension series E, sealed

Informacje techniczne



Twoja aktualna wersja produktu

|             |                  |                                                            |
|-------------|------------------|------------------------------------------------------------|
| Maintenance | Maintenance free |                                                            |
| Sealing     | 2TS              | Integrated triple lip high performance seals on both sides |
| Bore lining | Without          |                                                            |
| Coating     | Without          |                                                            |
| Fabric      | ELGOGLIDE        |                                                            |
| Material    | Steel            |                                                            |

Main Dimensions & Performance Data

|                 |           |                                   |
|-----------------|-----------|-----------------------------------|
| d               | 45 mm     | Bore diameter bearing             |
| C <sub>r</sub>  | 360.000 N | Basic dynamic load rating, radial |
| D               | 68 mm     | Outside diameter bearing          |
| B               | 32 mm     | Width inner ring                  |
| C               | 25 mm     | Width Outer ring                  |
| C <sub>0r</sub> | 600.000 N | Basic static load rating, radial  |
| m               | 0,396 kg  | Masa                              |

Mounting dimensions

|                    |         |                                    |
|--------------------|---------|------------------------------------|
| r <sub>1smin</sub> | 0,6 mm  | Edge Spacing                       |
| r <sub>2smin</sub> | 1 mm    | Edge Spacing                       |
| D <sub>amin</sub>  | 57 mm   | Housing Connection Diameter        |
| d <sub>amax</sub>  | 50,8 mm | Connection measurement, inner ring |



Dimensions

|                   |           |                                        |
|-------------------|-----------|----------------------------------------|
| d <sub>K</sub>    | 60 mm     | Ball diameter                          |
| α                 | 7 °       | Tilt angle                             |
| D <sub>OT</sub>   | 0 mm      | Outside diameter, upper tolerance      |
| D <sub>UT</sub>   | -0,013 mm | Outside diameter, lower tolerance      |
| B <sub>OT</sub>   | 0 mm      | Width inner ring, upper tolerance      |
| d <sub>UT</sub>   | -0,012 mm | Bore diameter bearing, lower tolerance |
| B <sub>UT</sub>   | -0,12 mm  | Width inner ring, lower tolerance      |
| d <sub>OT</sub>   | 0 mm      | Bore diameter bearing, upper tolerance |
| C <sub>OT</sub>   | 0 mm      | Width outer ring, upper tolerance      |
| C <sub>UT</sub>   | -0,3 mm   | Width outer ring, lower tolerance      |
| G <sub>r</sub>    | 0 - 0,06  | Radial Clearance                       |
| G <sub>rmax</sub> | 0,06 mm   | Radial clearance, maximum              |
| G <sub>rmin</sub> | 0 mm      | Radial clearance, minimum              |

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -30 °C | Operating temperature min. |
| T <sub>max</sub> | 100 °C | Operating temperature max. |

Właściwości

|  |                                     |
|--|-------------------------------------|
|  | Obciążenie promieniowe              |
|  | Obciążenie osiowe jednokierunkowe   |
|  | Obciążenie osiowe dwukierunkowe     |
|  | Smarowanie dożywotnie, bezobsługowe |
|  | Uszczelnienie dwustronne            |
|  | Nieosiowość statyczna               |
|  | Nieosiowość dynamiczna              |