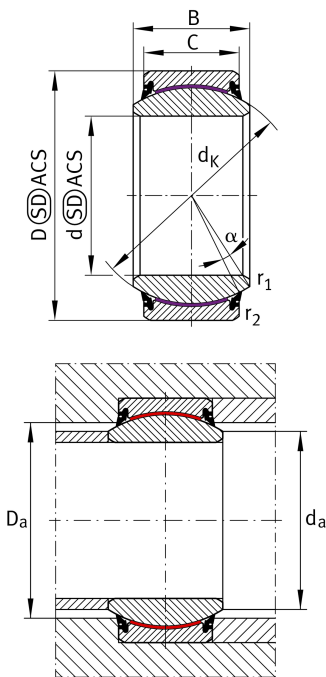


GE160-UK-2RS

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 |                        |
| Type of Seal | 2RS              | Lip seal on both sides |
| Bore lining  | Without          |                        |
| Coating      | Without          |                        |
| Fabric       | ELGOGLIDE        |                        |
| Material     | Steel            |                        |

Main Dimensions & Performance Data

|                 |             |                                   |
|-----------------|-------------|-----------------------------------|
| d               | 160 mm      | Bore diameter bearing             |
| C <sub>r</sub>  | 3.840.000 N | Basic dynamic load rating, radial |
| D               | 230 mm      | Outside diameter bearing          |
| B               | 105 mm      | Width inner ring                  |
| C               | 80 mm       | Width Outer ring                  |
| C <sub>0r</sub> | 6.400.000 N | Basic static load rating, radial  |
| m               | 13,66 kg    | Masa                              |

Mounting dimensions

|                    |          |                                    |
|--------------------|----------|------------------------------------|
| r <sub>1smin</sub> | 1 mm     | Edge Spacing                       |
| r <sub>2smin</sub> | 1 mm     | Edge Spacing                       |
| D <sub>amin</sub>  | 191 mm   | Housing Connection Diameter        |
| d <sub>amax</sub>  | 170,2 mm | Connection measurement, inner ring |



Dimensions

|                   |            |                                        |
|-------------------|------------|----------------------------------------|
| d <sub>K</sub>    | 200 mm     | Ball diameter                          |
| α                 | 8 °        | Tilt angle                             |
| D <sub>OT</sub>   | 0 mm       | Outside diameter, upper tolerance      |
| D <sub>UT</sub>   | -0,03 mm   | Outside diameter, lower tolerance      |
| B <sub>OT</sub>   | 0 mm       | Width inner ring, upper tolerance      |
| d <sub>UT</sub>   | -0,025 mm  | Bore diameter bearing, lower tolerance |
| B <sub>UT</sub>   | -0,25 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>   | -0,6 mm    | Width outer ring, lower tolerance      |
| G <sub>r</sub>    | 0 - 0,1 mm | Radial Clearance                       |
| G <sub>rmax</sub> | 0,1 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> | 130 °C | Operating temperature max. |

Właściwości

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