

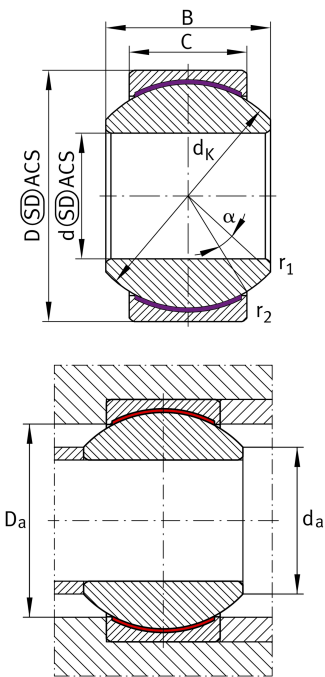


GE10-PW

Spherical plain bearing

Radial spherical plain bearing, maintenance-free, sliding layer: PTFE film, brass outer ring, DIN ISO 12240-1, dimension series K, open design

Informacje techniczne



Twoja aktualna wersja produktu

|             |                  |         |
|-------------|------------------|---------|
| Maintenance | Maintenance free |         |
| Sealing     | Without          | Without |
| Bore lining | Without          |         |
| Coating     | Without          |         |
| Material    | Steel            |         |

Main Dimensions & Performance Data

|                 |          |                                   |
|-----------------|----------|-----------------------------------|
| d               | 10 mm    | Bore diameter bearing             |
| C <sub>r</sub>  | 18.100 N | Basic dynamic load rating, radial |
| D               | 22 mm    | Outside diameter bearing          |
| B               | 14 mm    | Width inner ring                  |
| C               | 10,5 mm  | Width Outer ring                  |
| C <sub>0r</sub> | 45.200 N | Basic static load rating, radial  |
| m               | 27,39 g  | Masa                              |

Mounting dimensions

|                   |         |                                    |
|-------------------|---------|------------------------------------|
| r <sub>1min</sub> | 0,3 mm  | Edge Spacing                       |
| r <sub>2min</sub> | 0,3 mm  | Edge Spacing                       |
| D <sub>amin</sub> | 17 mm   | Housing Connection Diameter        |
| d <sub>amax</sub> | 12,9 mm | Connection measurement, inner ring |



Dimensions

|                   |               |                                        |
|-------------------|---------------|----------------------------------------|
| d <sub>K</sub>    | 19,05 mm      | Ball diameter                          |
| α                 | 13 °          | Tilt angle                             |
| d <sub>T</sub>    | H7            | Bore diameter bearing, tolerance       |
| D <sub>OT</sub>   | 0 mm          | Outside diameter, upper tolerance      |
| D <sub>UT</sub>   | -0,009 mm     | Outside diameter, lower tolerance      |
| B <sub>OT</sub>   | 0 mm          | Width inner ring, upper tolerance      |
| d <sub>UT</sub>   | 0 mm          | Bore diameter bearing, lower tolerance |
| B <sub>UT</sub>   | -0,12 mm      | Width inner ring, lower tolerance      |
| d <sub>OT</sub>   | 0,015 mm      | Bore diameter bearing, upper 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>    | 0,006 - 0,035 | Radial Clearance                       |
| G <sub>rmax</sub> | 0,035 mm      | Radial clearance, maximum              |
| G <sub>rmin</sub> | 0,006 mm      | Radial clearance, minimum              |

Temperature range

|                  |        |                            |
|------------------|--------|----------------------------|
| T <sub>min</sub> | -50 °C | Operating temperature min. |
| T <sub>max</sub> | 200 °C | Operating temperature max. |

Właściwości

|                                                                                     |                                     |
|-------------------------------------------------------------------------------------|-------------------------------------|
|  | Obciążenie promieniowe              |
|  | Obciążenie osiowe jednokierunkowe   |
|  | Obciążenie osiowe dwukierunkowe     |
|  | Smarowanie dożywotnie, bezobsługowe |
|  | Bez uszczelnienia                   |
|  | Nieosiowość statyczna               |
|  | Nieosiowość dynamiczna              |