

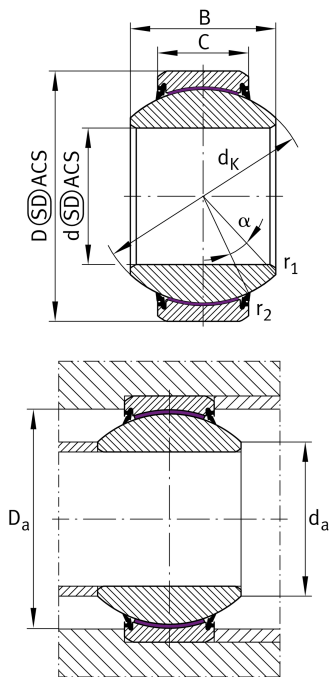


GE220-FW-2RS

Spherical plain bearing

Radial spherical plain bearing, maintenance-free, sliding layer: ELGOGLIDE, inner ring curved surface with hard chromium coating, DIN ISO 12240-1, dimension series G, sealed

Informacje techniczne



Twoja aktualna wersja produktu

|             |                  |                        |
|-------------|------------------|------------------------|
| Maintenance | Maintenance free |                        |
| Sealing     | 2RS              | Lip seal on both sides |
| Bore lining | Without          |                        |
| Coating     | Without          |                        |
| Fabric      | ELGOGLIDE        |                        |
| Material    | Steel            |                        |

Main Dimensions & Performance Data

|                 |              |                                   |
|-----------------|--------------|-----------------------------------|
| d               | 220 mm       | Bore diameter bearing             |
| C <sub>r</sub>  | 7.200.000 N  | Basic dynamic load rating, radial |
| D               | 340 mm       | Outside diameter bearing          |
| B               | 175 mm       | Width inner ring                  |
| C               | 100 mm       | Width Outer ring                  |
| C <sub>0r</sub> | 12.000.000 N | Basic static load rating, radial  |
| m               | 50,5 kg      | Masa                              |

Mounting dimensions

|                   |          |                                    |
|-------------------|----------|------------------------------------|
| r <sub>1min</sub> | 1,1 mm   | Edge Spacing                       |
| r <sub>2min</sub> | 1,1 mm   | Edge Spacing                       |
| D <sub>amin</sub> | 295 mm   | Housing Connection Diameter        |
| d <sub>amax</sub> | 243,6 mm | Connection measurement, inner ring |



Dimensions

|                   |          |                                        |
|-------------------|----------|----------------------------------------|
| d <sub>K</sub>    | 300 mm   | Ball diameter                          |
| α                 | 16 °     | Tilt angle                             |
| D <sub>OT</sub>   | 0 mm     | Outside diameter, upper tolerance      |
| D <sub>UT</sub>   | -0,04 mm | Outside diameter, lower tolerance      |
| B <sub>OT</sub>   | 0 mm     | Width inner ring, upper tolerance      |
| d <sub>UT</sub>   | -0,03 mm | Bore diameter bearing, lower tolerance |
| B <sub>UT</sub>   | -0,3 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>   | -0,8 mm  | Width outer ring, lower tolerance      |
| G <sub>r</sub>    | 0 - 0,11 | Radial Clearance                       |
| G <sub>rmax</sub> | 0,11 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            |
|  | Łożysko gabarytowe                  |
|  | Nieosiowość statyczna               |
|  | Nieosiowość dynamiczna              |