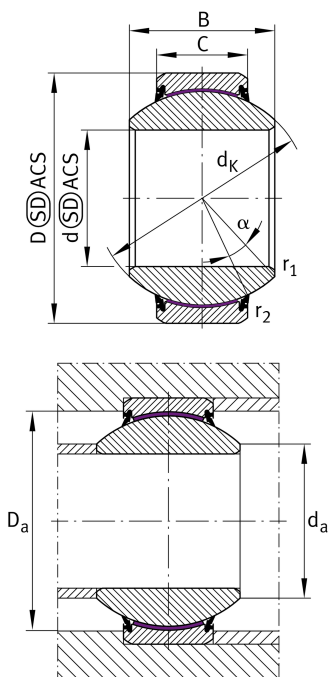


**GE240-FW-2RS**

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

Technical information



Your current product variant

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

Main Dimensions & Performance Data

| | | |
|-------------|--------------|-----------------------------------|
| d | 240 mm | Bore diameter bearing |
| C_r | 8.580.000 N | Basic dynamic load rating, radial |
| D | 370 mm | Outside diameter bearing |
| B | 190 mm | Width inner ring |
| C | 110 mm | Width Outer ring |
| C_{0r} | 14.300.000 N | Basic static load rating, radial |
| $\approx m$ | 64,8 kg | Weight |

Mounting dimensions

| | | |
|-------------------|----------|------------------------------------|
| $r_{1\text{min}}$ | 1,1 mm | Edge Spacing |
| $r_{2\text{min}}$ | 1,1 mm | Edge Spacing |
| D_{amin} | 319 mm | Housing Connection Diameter |
| d_{amax} | 263,6 mm | Connection measurement, inner ring |











Dimensions

| | | |
|------------|----------|--|
| d_K | 325 mm | Ball diameter |
| α | 15 ° | Tilt angle |
| D_{OT} | 0 mm | Outside diameter, upper tolerance |
| D_{UT} | -0,04 mm | Outside diameter, lower tolerance |
| B_{OT} | 0 mm | Width inner ring, upper tolerance |
| d_{UT} | -0,03 mm | Bore diameter bearing, lower tolerance |
| B_{UT} | -0,35 mm | Width inner ring, lower tolerance |
| d_{OT} | 0 mm | Bore diameter bearing, upper tolerance |
| C_{OT} | 0 mm | Width outer ring, upper tolerance |
| C_{UT} | -0,8 mm | Width outer ring, lower tolerance |
| G_r | 0 - 0,11 | Radial Clearance |
| G_{rmax} | 0,11 mm | Radial clearance, maximum |
| G_{rmin} | 0 mm | Radial clearance, minimum |

Temperature range

| | | |
|-----------|--------|----------------------------|
| T_{min} | -30 °C | Operating temperature min. |
| T_{max} | 130 °C | Operating temperature max. |

Characteristics

| | |
|---|--|
|  | Radial load |
|  | Axial load in one direction |
|  | Axial load in two directions |
|  | Lifetime lubrication, freedom from maintenance |
|  | Sealed on both sides |
|  | Large bearing |
|  | Static angular error and misalignment |
|  | Dynamic angular error and misalignment |