

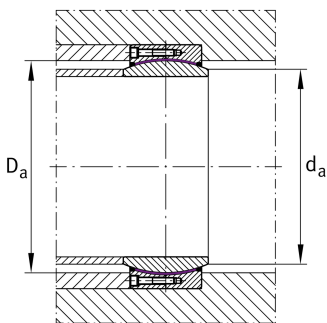
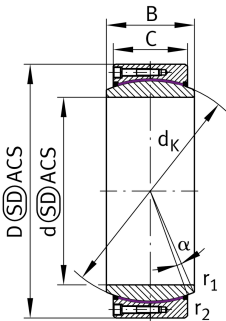
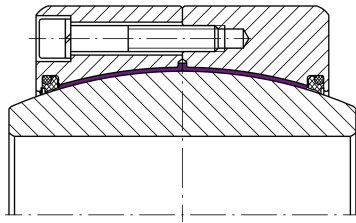
**GE670-DW-2RS2-XL**

Spherical plain bearing

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

X-life

Technical information



Your current product variant

| | |
|-------------|---|
| Maintenance | Maintenance free |
| Sealing | 2RS2 Lip seals with increased sealing action on both sides |
| Bore lining | Without |
| Coating | Without |
| Fabric | ELGOGLIDE |
| Material | Steel |

Main Dimensions & Performance Data

| | | |
|-----------------|--------------|-----------------------------------|
| d | 670 mm | Bore diameter bearing |
| C _r | 54.600.000 N | Basic dynamic load rating, radial |
| D | 900 mm | Outside diameter bearing |
| B | 308 mm | Width inner ring |
| C | 260 mm | Width Outer ring |
| C _{0r} | 91.100.000 N | Basic static load rating, radial |
| ≈m | 595,1 kg | Weight |



Mounting dimensions

| | | |
|-------------------|--------|------------------------------------|
| $r_{1\text{min}}$ | 3 mm | Edge Spacing |
| $r_{2\text{min}}$ | 6 mm | Edge Spacing |
| D_{amin} | 746 mm | Housing Connection Diameter |
| d_{amax} | 722 mm | Connection measurement, inner ring |

Dimensions









| | | |
|-------------------|-----------|--|
| d_{K} | 785 mm | Ball diameter |
| α | 3,7 ° | Tilt angle |
| D_{OT} | 0 mm | Outside diameter, upper tolerance |
| D_{UT} | -0,1 mm | Outside diameter, lower tolerance |
| B_{OT} | 0 mm | Width inner ring, upper tolerance |
| d_{UT} | -0,075 mm | Bore diameter bearing, lower tolerance |
| B_{UT} | -0,75 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} | -1,2 mm | Width outer ring, lower tolerance |
| G_{r} | 0 - 0,16 | Radial Clearance |
| G_{rmax} | 0,16 mm | Radial clearance, maximum |
| G_{rmin} | 0 mm | Radial clearance, minimum |

Temperature range

| | | |
|------------------|--------|----------------------------|
| T_{min} | -40 °C | Operating temperature min. |
| T_{max} | 120 °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