

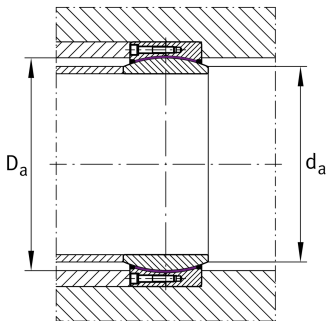
**GE360-DW-W11-XL**

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, open design

X-life

Technical information



Your current product variant

| | | |
|-------------|------------------|--|
| Maintenance | Maintenance free | |
| Sealing | Without | Without |
| Bore lining | Without | |
| Coating | Without | |
| Fabric | W11 | For low contact pressures (starting as low as 1 N/mm ²) and minimal friction |
| Material | Steel | |

Main Dimensions & Performance Data

| | | |
|-----------------|--------------|-----------------------------------|
| d | 360 mm | Bore diameter bearing |
| C _r | 17.000.000 N | Basic dynamic load rating, radial |
| D | 480 mm | Outside diameter bearing |
| B | 160 mm | Width inner ring |
| C | 135 mm | Width Outer ring |
| C _{0r} | 28.400.000 N | Basic static load rating, radial |
| ≈m | 86,1 kg | Weight |



Mounting dimensions

| | | |
|-------------------|----------|------------------------------------|
| $r_{1\text{min}}$ | 1,1 mm | Edge Spacing |
| $r_{2\text{min}}$ | 3 mm | Edge Spacing |
| D_{amin} | 403 mm | Housing Connection Diameter |
| d_{amax} | 388,3 mm | Connection measurement, inner ring |

Dimensions

| | | |
|-------------------|-----------|--|
| d_{κ} | 420 mm | Ball diameter |
| α | 3,6 ° | Tilt angle |
| D_{OT} | 0 mm | Outside diameter, upper tolerance |
| D_{UT} | -0,045 mm | Outside diameter, lower tolerance |
| B_{OT} | 0 mm | Width inner ring, upper tolerance |
| d_{UT} | -0,04 mm | Bore diameter bearing, lower tolerance |
| B_{UT} | -0,4 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} | -0,9 mm | Width outer ring, lower tolerance |
| G_{r} | 0 - 0,135 | Radial Clearance |
| G_{rmax} | 0,135 mm | Radial clearance, maximum |
| G_{rmin} | 0 mm | Radial clearance, minimum |

Temperature range

| | | |
|------------------|--------|----------------------------|
| T_{min} | -50 °C | Operating temperature min. |
| T_{max} | 150 °C | Operating temperature max. |



Characteristics



Radial load



Axial load in one direction



Axial load in two directions



Lifetime lubrication, freedom from maintenance



Not sealed



Large bearing



Static angular error and misalignment



Dynamic angular error and misalignment