

**GE200-UK-2RS** [↗](#)

Spherical plain bearing

Radial spherical plain bearing, maintenance-free, sliding layer: ELGOGLIDE, DIN ISO 12240-1, Tolerances of the outside diameter and bore not according to DIN ISO 12240-1, dimension series E, sealed

Technical information



Your current product variant

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

Main Dimensions & Performance Data

| | | |
|-----------------|--------------|-----------------------------------|
| d | 200 mm | Bore diameter bearing |
| C _r | 6.000.000 N | Basic dynamic load rating, radial |
| D | 290 mm | Outside diameter bearing |
| B | 130 mm | Width inner ring |
| C | 100 mm | Width Outer ring |
| C _{0r} | 10.000.000 N | Basic static load rating, radial |
| m | 28,1 kg | Weight |

Mounting dimensions

| | | |
|-------------------|----------|------------------------------------|
| r _{1min} | 1,1 mm | Edge Spacing |
| r _{2min} | 1,1 mm | Edge Spacing |
| D _{amin} | 239 mm | Housing Connection Diameter |
| d _{amax} | 213,5 mm | Connection measurement, inner ring |



Dimensions

| | | |
|------------|------------|--|
| d_K | 250 mm | Ball diameter |
| α | 7 ° | Tilt angle |
| D_{OT} | 0 mm | Outside diameter, upper tolerance |
| D_{UT} | -0,035 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} | -0,3 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} | -0,7 mm | Width outer ring, lower tolerance |
| G_r | 0 - 0,1 mm | Radial Clearance |
| G_{rmax} | 0,1 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 |
|  | Static angular error and misalignment |
|  | Dynamic angular error and misalignment |