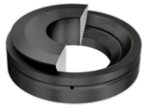


**GE200-AX**

Spherical plain bearing



Axial spherical plain bearing, requiring maintenance, sliding contact surface: steel/steel

Technical information

**Your current product variant**

| | |
|-------------|--|
| Maintenance | Maintenance required |
| Coating | Durotect M Inner- and outer ring coated with Durotect M (Manganese Phosphate) |

Main Dimensions & Performance Data

| | | |
|-----------------|--------------|----------------------------------|
| d | 200 mm | Inner diameter bearing |
| D | 340 mm | Outside diameter bearing |
| T | 87 mm | Height |
| C _a | 3.070.000 N | Basic dynamic load rating, axial |
| C _{0a} | 11.800.000 N | Basic static load rating, axial |
| ≈m | 34,8 kg | Weight |

Mounting dimensions

| | | |
|--------------------|--------|-------------------------------|
| r _{1smin} | 1,5 mm | Edge Spacing |
| r _{2smin} | 0,6 mm | Edge Spacing |
| d _{a max} | 265 mm | Connection measure Inner ring |
| D _{a min} | 259 mm | Housing Connection Diameter |



Dimensions

| | | |
|----------|----------|--|
| d_K | 358 mm | Ball diameter |
| d_3 | 265 | Front surface diameter of shaft washer |
| D_1 | 246 mm | Inner diameter of housing washer |
| B | 74 mm | Width Inner ring |
| C | 60 mm | Width Outer ring |
| s | 70 mm | Plane Surface Spacing |
| A | 27 mm | Distance lubrication Bore |
| α | 6,5 ° | Tilt angle |
| d_{OT} | 0 mm | Bore diameter bearing, upper tolerance |
| d_{UT} | -0,03 mm | Bore diameter bearing, lower tolerance |
| D_{OT} | 0 mm | Outer diameter, upper tolerance |
| D_{UT} | -0,04 mm | Outside diameter, lower tolerance |
| T_{OT} | 0 mm | Height, upper tolerance |
| T_{UT} | -0,6 mm | Height, lower tolerance |
| C_{UT} | 0 mm | Width outer ring, upper tolerance |
| C_{OT} | -0,6 mm | Width outer ring, lower tolerance |
| B_{OT} | 0 mm | Width inner ring, upper tolerance |
| B_{UT} | -0,6 mm | Width inner ring, lower tolerance |
| d_2 | 321 mm | Connection measure Inner ring |

Temperature range

| | | |
|-----------|--------|----------------------------|
| T_{min} | -60 °C | Operating temperature min. |
| T_{max} | 200 °C | Operating temperature max. |



Characteristics



Radial load



Axial load in one direction



Grease Lubrication



Not sealed



Large bearing



Static angular error and misalignment



Dynamic angular error and misalignment