



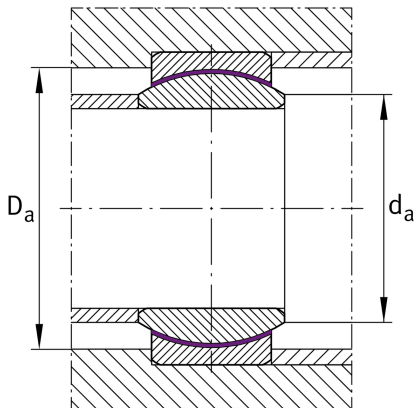
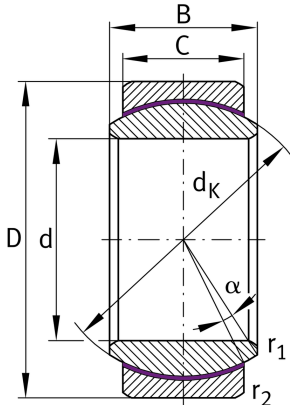
GE25-UK

Spherical plain bearing

Schaeffler ID:
0066500740000

Radial spherical plain bearing, maintenance-free, sliding layer: PTFE composite, inner ring curved surface with hard chromium coating, DIN ISO 12240-1, dimension series E, open design

Technical information



Main Dimensions & Performance Data

| | | |
|----------|-----------|-----------------------------------|
| D | 42 mm | Outside diameter bearing |
| d | 25 mm | Bore diameter bearing |
| B | 20 mm | Width Inner ring |
| C | 16 mm | Width Outer ring |
| C_r | 51.100 N | Basic dynamic load rating, radial |
| C_{0r} | 128.000 N | Basic static load rating, radial |
| | 0,115 kg | Weight |

Mounting dimensions

| | | |
|-------------|---------|-------------------------------|
| r_{1smin} | 0,6 mm | Edge Spacing |
| r_{2smin} | 0,6 mm | Edge Spacing |
| $d_{a max}$ | 29,3 mm | Connection measure Inner ring |
| $D_{a min}$ | 33 mm | Housing Connection Diameter |

Dimensions

| | | |
|----------|-------------|--|
| d_K | 35,5 mm | Ball diameter |
| α | 7 ° | Tilt angle |
| G_r | 0 - 0,05 mm | Radial Clearance |
| d_{OT} | 0 mm | Bore diameter bearing, upper tolerance |
| d_{UT} | -0,01 mm | Bore diameter bearing, lower tolerance |
| D_{OT} | 0 mm | Outside diameter, upper tolerance |
| D_{UT} | -0,011 mm | Outside diameter, lower tolerance |
| B_{OT} | 0 mm | Width inner ring, upper tolerance |
| B_{UT} | -0,12 mm | Width inner ring, lower tolerance |
| C_{OT} | 0 mm | Width outer ring, upper tolerance |
| C_{UT} | -0,24 mm | Width outer ring, lower tolerance |

Temperature range

| | | |
|-----------|--------|----------------------------|
| T_{min} | -50 °C | Operating temperature min. |
| T_{max} | 200 °C | Operating temperature max. |