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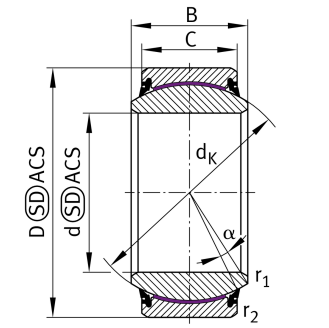
SCHAEFFLER

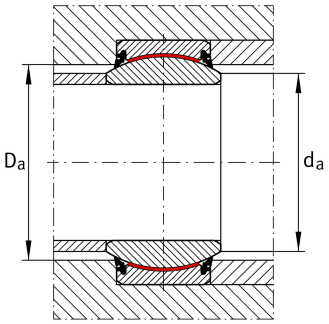
GE260-UK-2RS

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	
Sealing	2RS	Lip seal on both sides
Bore lining	Without	
Coating	Without	
Fabric	ELGOGLIDE	
Material	Steel	

Main Dimensions & Performance Data

d	260 mm	Bore diameter bearing
C_r	8.580.000 N	Basic dynamic load rating, radial
D	370 mm	Outside diameter bearing
B	150 mm	Width inner ring
C	110 mm	Width Outer ring
C_{0r}	14.300.000 N	Basic static load rating, radial
≈m	50,4 kg	Weight

Mounting dimensions

r_{1smin}	1,1 mm	Edge Spacing
r_{2smin}	1,1 mm	Edge Spacing
D_{amin}	319 mm	Housing Connection Diameter
d_{amax}	288,3 mm	Connection measurement, inner ring

The data sheet only contains an overview of the technical data of the selected product. Please refer to the additional documentation for this product. For further information, please use the following link on our website: Contact form

Dimensions

d_K	325 mm	Ball diameter
α	7 °	Tilt angle
D_{OT}	0 mm	Outside diameter, upper tolerance
D_{UT}	-0,04 mm	Outside diameter, lower tolerance
B_{OT}	0 mm	Width inner ring, upper tolerance
d_{UT}	-0,035 mm	Bore diameter bearing, lower tolerance
B_{UT}	-0,35 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}	-0,8 mm	Width outer ring, lower tolerance
G_r	0 - 0,125 mm	Radial Clearance
G_{rmax}	0,125 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
- Large bearing
- Static angular error and misalignment
- Dynamic angular error and misalignment