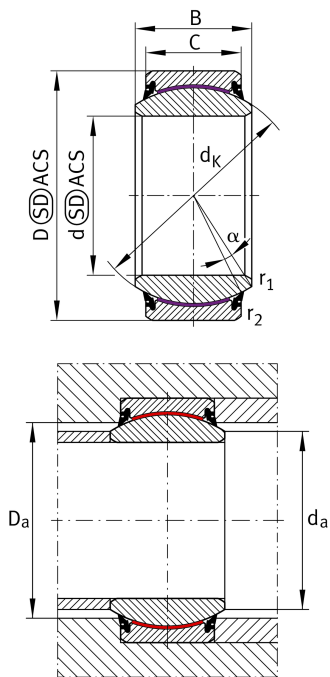


**GE30-UK-2RS**

Spherical plain bearing

Radial spherical plain bearing, maintenance-free, sliding layer: ELGOGLIDE, inner ring curved surface with hard chromium coating, 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	Without
Coating	Without	
Fabric	ELGOGLIDE	
Material	Steel	Steel

Main Dimensions & Performance Data

d	30 mm	Bore diameter bearing
D	47 mm	Outside diameter bearing
B	22 mm	Width Inner ring
C	18 mm	Width Outer ring
C _r	165.000 N	Basic dynamic load rating, radial
C _{0r}	275.000 N	Basic static load rating, radial
m	0,136 kg	Weight

Mounting dimensions

r _{1min}	0,6 mm	Edge Spacing
r _{2min}	0,6 mm	Edge Spacing
D _{amin}	38 mm	Housing Connection Diameter
d _{amax}	34,2 mm	Connection measurement, inner ring



Dimensions

d _K	40,7 mm	Ball diameter
α	6 °	Tilt angle
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
d _{UT}	-0,01 mm	Bore diameter bearing, lower tolerance
B _{UT}	-0,12 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}	-0,24 mm	Width outer ring, lower tolerance
G _r	0 - 0,05 mm	Radial Clearance
G _{rmax}	0,05 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