

**GE30-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	30 mm	Bore diameter bearing
C _r	165.000 N	Basic dynamic load rating, radial
D	47 mm	Outside diameter bearing
B	22 mm	Width inner ring
C	18 mm	Width Outer ring
C _{0r}	275.000 N	Basic static load rating, radial
≈m	0,136 kg	Weight

Mounting dimensions

r _{1smin}	0,6 mm	Edge Spacing
r _{2smin}	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