

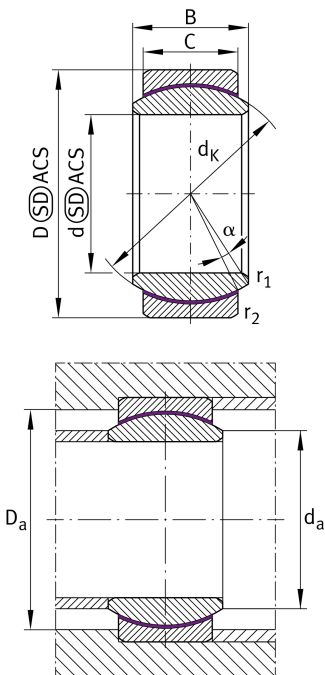


GE12-UK

Spherical plain bearing

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

Informacje techniczne



Twoja aktualna wersja produktu

Maintenance	Maintenance free	
Sealing	Without	Without
Bore lining	Without	
Coating	Without	
Fabric	PTFE-composite	Composite Material based on a steel backing, sintered bronze layer, with inserted plastic material.
Material	Steel	

Main Dimensions & Performance Data

d	12 mm	Bore diameter bearing
C _r	11.300 N	Basic dynamic load rating, radial
D	22 mm	Outside diameter bearing
B	10 mm	Width inner ring
C	7 mm	Width Outer ring
C _{0r}	28.400 N	Basic static load rating, radial

≈m	15,66 g	Masa
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Mounting dimensions

r _{1smin}	0,3 mm	Edge Spacing
r _{2smin}	0,3 mm	Edge Spacing
D _{amin}	17,5 mm	Housing Connection Diameter
d _{amax}	14,9 mm	Connection measurement, inner ring



Dimensions

d _K	18 mm	Ball diameter
α	11 °	Tilt angle
D _{OT}	0 mm	Outside diameter, upper tolerance
D _{UT}	-0,009 mm	Outside diameter, lower tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
d _{UT}	-0,008 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 - 0,032	Radial Clearance
G _{rmax}	0,032 mm	Radial clearance, maximum
G _{rmin}	0 mm	Radial clearance, minimum

Temperature range

T _{min}	-50 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Obciążenie osiowe dwukierunkowe
	Smarowanie dożywotnie, bezobsługowe
	Bez uszczelnienia
	Nieosiowość statyczna
	Nieosiowość dynamiczna