

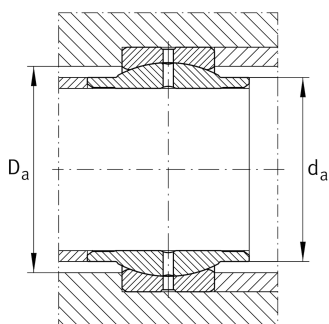
**GE12-LO**

Spherical plain bearing

High performance Radial spherical plain bearing, requiring maintenance, sliding contact surface: steel/steel, DIN ISO 12240-1, dimension series W, cylindrical extensions on inner ring, open design

High-performance: For highest load rating and lifetime demands

Informacje techniczne



Twoja aktualna wersja produktu

Maintenance	Maintenance required	
Material	Steel	
Sealing	Without	
Radial internal clearance	CN (Group N)	Normal internal clearance
Coating	Durotect M	Inner- and outer ring coated with Durotect M (Manganese Phosphate)

Main Dimensions & Performance Data

d	12 mm	Bore diameter bearing
D	22 mm	Outside diameter bearing
B	12 mm	Width inner ring
C _r	13.900 N	Basic dynamic load rating, radial
C _{0r}	53.600 N	Basic static load rating, radial
≈m	16,85 g	Masa

Mounting dimensions

r ₁ min	0,3 mm	Edge Spacing
r ₂ min	0,3 mm	Edge Spacing
d _a max	15,5 mm	Connection measure Inner ring
D _a min	17,5 mm	Housing Connection Diameter



Dimensions

C	7 mm	Width Outer ring
d _K	18 mm	Ball diameter
α	4 °	Tilt angle
d _{OT}	0,018 mm	Bore diameter bearing, upper tolerance
d _{UT}	0 mm	Bore diameter bearing, lower tolerance
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
B _{UT}	-0,18 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
G _r	0,032 - 0,068	Radial Clearance
G _{rmax}	0,068 mm	Radial clearance, maximum
G _{rmin}	0,032 mm	Radial clearance, minimum

Temperature range

T _{min}	-60 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Obciążenie osiowe dwukierunkowe
	Smarowanie smarem
	Bez uszczelnienia
	Nieosiowość statyczna
	Nieosiowość dynamiczna