

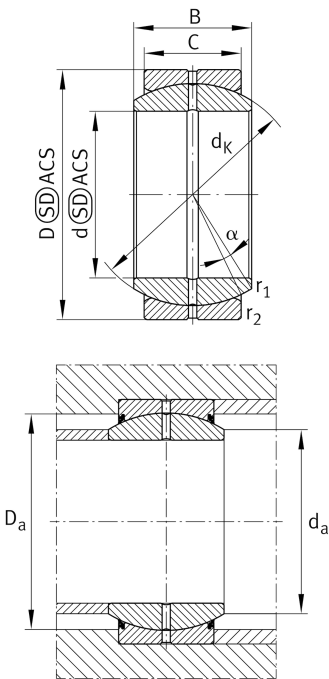


GE100-DO

Spherical plain bearing

Radial spherical plain bearing, requiring maintenance, sliding contact surface: steel/ steel, DIN ISO 12240-1, dimension series E, 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	100 mm	Bore diameter bearing
D	150 mm	Outside diameter bearing
B	70 mm	Width inner ring
C _r	790.000 N	Basic dynamic load rating, radial
C _{0r}	3.040.000 N	Basic static load rating, radial
≈m	4,02 kg	Masa

Mounting dimensions

r ₁ min	1 mm	Edge Spacing
r ₂ min	1 mm	Edge Spacing
d _a max	109,5 mm	Connection measure Inner ring
D _a min	123 mm	Housing Connection Diameter



Dimensions

C	55 mm	Width Outer ring
d _K	130 mm	Ball diameter
α	7 °	Tilt angle
d _{OT}	0 mm	Bore diameter bearing, upper tolerance
d _{UT}	-0,02 mm	Bore diameter bearing, lower tolerance
D _{OT}	0 mm	Outside diameter, upper tolerance
D _{UT}	-0,018 mm	Outside diameter, lower tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
B _{UT}	-0,2 mm	Width inner ring, lower tolerance
C _{OT}	0 mm	Width outer ring, upper tolerance
C _{UT}	-0,5 mm	Width outer ring, lower tolerance
G _r	0,085 - 0,165	Radial Clearance
G _{rmax}	0,165 mm	Radial clearance, maximum
G _{rmin}	0,085 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