

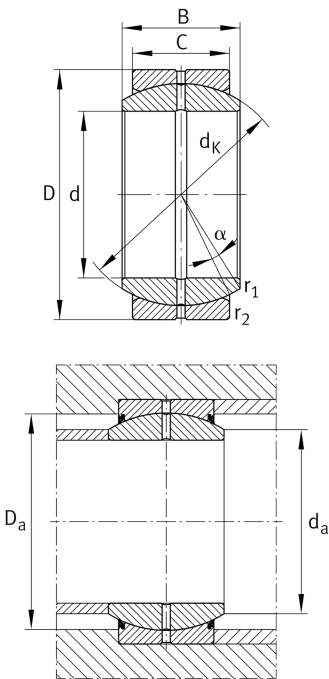


GE140-DO-E

Spherical plain bearing

Standard performance Radial spherical plain bearing, requiring maintenance, sliding contact surface: steel/steel, DIN ISO 12240-1, dimension series E, open design

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	140 mm	Bore diameter bearing
D	210 mm	Outside diameter bearing
B	90 mm	Width inner ring
C _r	1.070.000 N	Basic dynamic load rating, radial
C _{0r}	5.360.000 N	Basic static load rating, radial
≈m	11 kg	Masa

Mounting dimensions

r _{1smin}	1 mm	Edge Spacing
r _{2smin}	1 mm	Edge Spacing
d _{a max}	155,8 mm	Connection measure Inner ring
D _{a min}	174 mm	Housing Connection Diameter



Dimensions

C	70 mm	Width Outer ring
d _K	180 mm	Ball diameter
α	7 °	Tilt angle
d _{OT}	0 mm	Bore diameter bearing, upper tolerance
d _{UT}	-0,025 mm	Bore diameter bearing, lower tolerance
D _{OT}	0 mm	Outside diameter, upper tolerance
D _{UT}	-0,03 mm	Outside diameter, lower tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
B _{UT}	-0,25 mm	Width inner ring, lower tolerance
C _{OT}	0 mm	Width outer ring, upper tolerance
C _{UT}	-0,25 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
	Uszczelnienie dwustronne
	Nieosiowość statyczna
	Nieosiowość dynamiczna