

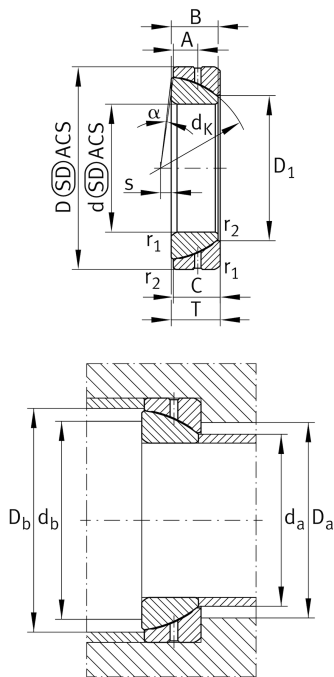


GE100-SX

Spherical plain bearing

Angular contact spherical plain bearing,
requiring maintenance, sliding contact
surface: steel/steel, DIN ISO 12240-2, open
design

Informacje techniczne



Twoja aktualna wersja produktu

Maintenance	Maintenance required	
Coating	Durotect M	Inner- and outer ring coated with Durotect M (Manganese Phosphate)

Main Dimensions & Performance Data

d	100 mm	Inner diameter bearing
D	150 mm	Outside diameter bearing
T	32 mm	Height
C _r	441.000 N	Basic dynamic load rating, radial
C _{0r}	1.700.000 N	Basic static load rating, radial
≈m	2,301 kg	Masa

Mounting dimensions

r ₁ min	2 mm	Edge Spacing
r ₂ min	0,6 mm	Edge Spacing
d _a max	112 mm	Connection measure Inner ring
D _a min	123 mm	Housing Connection Diameter
D _b min	142 mm	Connection diameter



Dimensions

d _K	140 mm	Ball diameter
D ₁	114,3 mm	Inner diameter of housing washer
B	30 mm	Width Inner ring
C	30 mm	Width Outer ring
s	12 mm	Plane Surface Spacing
A	16 mm	Distance lubrication Bore
α	1,7 °	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	Outer diameter, upper tolerance
D _{UT}	-0,02 mm	Outside diameter, lower tolerance
T _{OT}	0,25 mm	Height, upper tolerance
T _{UT}	-0,25 mm	Height, lower tolerance
C _{UT}	0 mm	Width outer ring, upper tolerance
C _{OT}	-0,4 mm	Width outer ring, lower tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
B _{UT}	-0,4 mm	Width inner ring, lower tolerance
d ₂	128 mm	Connection measure Inner ring

Temperature range

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



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Smarowanie smarem



Bez uszczelnienia



Nieosiowość statyczna



Nieosiowość dynamiczna