

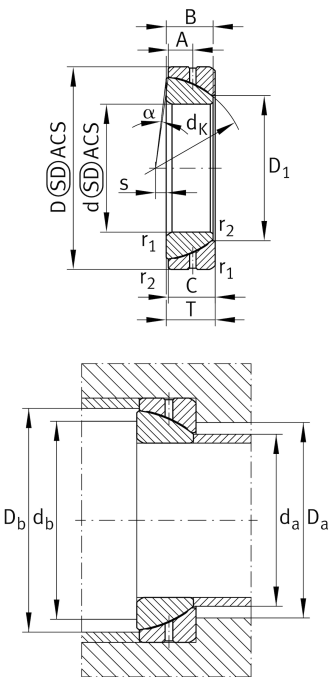


GE30-SX

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	30 mm	Inner diameter bearing
D	55 mm	Outside diameter bearing
T	17 mm	Height
C _r	84.000 N	Basic dynamic load rating, radial
C _{0r}	323.000 N	Basic static load rating, radial
≈m	0,21 kg	Masa

Mounting dimensions

r _{1smin}	1 mm	Edge Spacing
r _{2smin}	0,3 mm	Edge Spacing
d _{a max}	34,7 mm	Connection measure Inner ring
D _{a min}	40,5 mm	Housing Connection Diameter
D _{b min}	50,5 mm	Connection diameter



Dimensions

d _K	50 mm	Ball diameter
D ₁	36,1 mm	Inner diameter of housing washer
B	16 mm	Width Inner ring
C	16 mm	Width Outer ring
s	2 mm	Plane Surface Spacing
A	8,5 mm	Distance lubrication Bore
α	2,3 °	Tilt angle
d _{OT}	0 mm	Bore diameter bearing, upper tolerance
d _{UT}	-0,012 mm	Bore diameter bearing, lower tolerance
D _{OT}	0 mm	Outer diameter, upper tolerance
D _{UT}	-0,016 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}	-0,2 mm	Width outer ring, lower tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
B _{UT}	-0,2 mm	Width inner ring, lower tolerance
d ₂	45 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