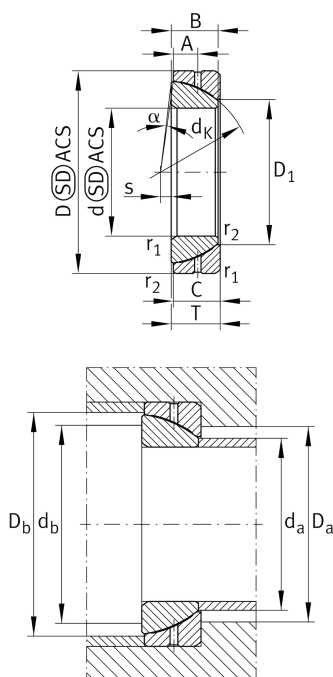


**GE180-SX-F10** **Spherical plain bearing**

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)
Lubrication Groove System	F10	Lubrication groove system for oil bath lubrication for angular contact spherical plain bearings GE..-SX

Main Dimensions & Performance Data

d	180 mm	Inner diameter bearing
D	280 mm	Outside diameter bearing
T	64 mm	Height
C _r	1.720.000 N	Basic dynamic load rating, radial
C _{0r}	3.300.000 N	Basic static load rating, radial
≈m	17,52 kg	Masa

Mounting dimensions

r _{1smin}	3 mm	Edge Spacing
r _{2smin}	1 mm	Edge Spacing
d _{a max}	201,8 mm	Connection measure Inner ring
D _{a min}	220 mm	Housing Connection Diameter
D _{b min}	263 mm	Connection diameter



Dimensions

d _K	260 mm	Ball diameter
D ₁	205,5 mm	Inner diameter of housing washer
B	61 mm	Width Inner ring
C	61 mm	Width Outer ring
s	21 mm	Plane Surface Spacing
A	32 mm	Distance lubrication Bore
α	1,3 °	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	Outer diameter, upper tolerance
D _{UT}	-0,035 mm	Outside diameter, lower tolerance
T _{OT}	0,35 mm	Height, upper tolerance
T _{UT}	-0,35 mm	Height, lower tolerance
C _{UT}	0 mm	Width outer ring, upper tolerance
C _{OT}	-0,5 mm	Width outer ring, lower tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
B _{UT}	-0,5 mm	Width inner ring, lower tolerance
d ₂	240 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