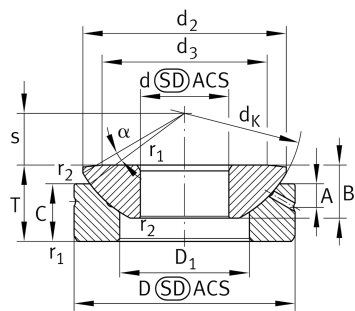


GE25-AX

Spherical plain bearing

Axial spherical plain bearing, requiring maintenance, sliding contact surface: steel/ steel

Technical information



Your current product variant

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

Main Dimensions & Performance Data

d	25 mm	Inner diameter bearing
D	62 mm	Outside diameter bearing
T	22,5 mm	Height
C _a	168.000 N	Basic dynamic load rating, axial
C _{0a}	646.000 N	Basic static load rating, axial
≈m	0,385 kg	Weight

Mounting dimensions

r _{1smin}	1 mm	Edge Spacing
r _{2smin}	0,3 mm	Edge Spacing
d _{a max}	45 mm	Connection measure Inner ring
D _{a min}	39 mm	Housing Connection Diameter



Dimensions

d _K	66 mm	Ball diameter
d ₃	45	Front surface diameter of shaft washer
D ₁	34,5 mm	Inner diameter of housing washer
B	16 mm	Width Inner ring
C	17 mm	Width Outer ring
s	14 mm	Plane Surface Spacing
A	6 mm	Distance lubrication Bore
α	7 °	Tilt angle
d _{OT}	0 mm	Bore diameter bearing, upper tolerance
d _{UT}	-0,01 mm	Bore diameter bearing, lower tolerance
D _{OT}	0 mm	Outer diameter, upper tolerance
D _{UT}	-0,013 mm	Outside diameter, lower tolerance
T _{OT}	0 mm	Height, upper tolerance
T _{UT}	-0,4 mm	Height, lower tolerance
C _{UT}	0 mm	Width outer ring, upper tolerance
C _{OT}	-0,24 mm	Width outer ring, lower tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
B _{UT}	-0,24 mm	Width inner ring, lower tolerance
d ₂	57,5 mm	Connection measure Inner ring

Temperature range

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



Characteristics

-  Radial load
-  Axial load in one direction
-  Grease Lubrication
-  Not sealed
-  Static angular error and misalignment
-  Dynamic angular error and misalignment