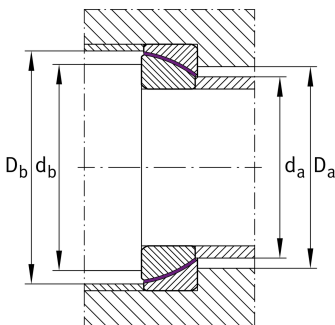
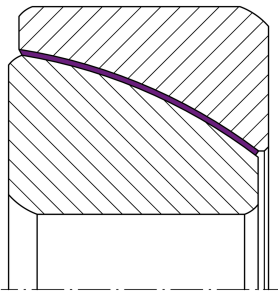
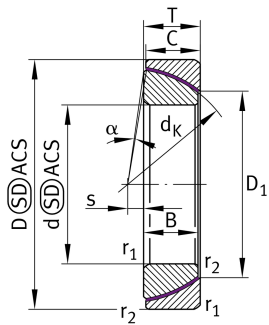


**GE30-SW**

Spherical plain bearing

Angular contact spherical plain bearing, maintenance-free, DIN ISO 12240-2, inner ring curved surface with hard chromium coating, open design

Technical information

**Your current product variant**

Maintenance	Maintenance free
Material sliding Layer	ELGOGLIDE

Main Dimensions & Performance Data

d	30 mm	Bore diameter bearing
D	55 mm	Outside diameter bearing
T	17 mm	Height
B	16 mm	Width inner ring
C _r	194.000 N	Basic dynamic load rating, radial
C _{0r}	323.000 N	Basic static load rating, radial
≈m	0,21 kg	Weight

Mounting dimensions

r _{1smin}	1 mm	Edge Spacing
r _{2smin}	0,3 mm	Edge Spacing
d _{a max}	34,6 mm	Connection measure Inner ring
D _{b min}	50,5 mm	Connection diameter
d _{b max}	45 mm	Connection measure Inner ring
D _{a min}	40,5 mm	Housing Connection Diameter



Dimensions

d_K	50 mm	Ball diameter
D_1	36,1 mm	Bore diameter of housing washer
C	16 mm	Width Outer ring
s	2 mm	Plane Surface Spacing
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	Outside diameter, upper tolerance
D_{UT}	-0,016 mm	Outside diameter, lower tolerance
T_{OT}	0,25 mm	Height, upper tolerance
B_{OT}	0 mm	Width inner ring, upper tolerance
T_{UT}	-0,25 mm	Height, lower tolerance
B_{UT}	-0,24 mm	Width inner ring, lower tolerance
C_{OT}	0 mm	Width outer ring, upper tolerance
C_{UT}	-0,24 mm	Width outer ring, lower tolerance

Temperature range

T_{min}	-50 °C	Operating temperature min.
T_{max}	150 °C	Operating temperature max.

Characteristics

	Radial load
	Axial load in one direction
	Lifetime lubrication, freedom from maintenance
	Not sealed
	Static angular error and misalignment
	Dynamic angular error and misalignment