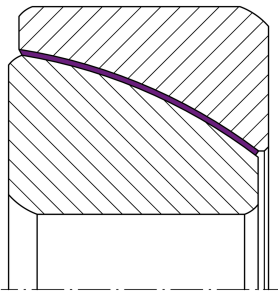
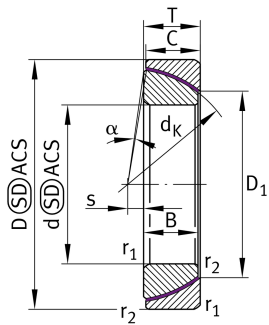


**GE30-SW**

## 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 <sub>r</sub>	194.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	323.000 N	Basic static load rating, radial
≈m	0,21 kg	Weight

**Mounting dimensions**

r <sub>1smin</sub>	1 mm	Edge Spacing
r <sub>2smin</sub>	0,3 mm	Edge Spacing
d <sub>a max</sub>	34,6 mm	Connection measure Inner ring
D <sub>b min</sub>	50,5 mm	Connection diameter
d <sub>b max</sub>	45 mm	Connection measure Inner ring
D <sub>a min</sub>	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
$\alpha$	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