



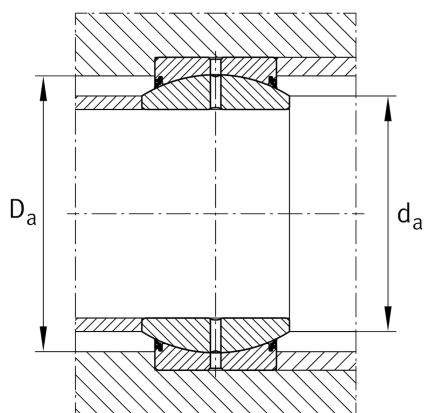
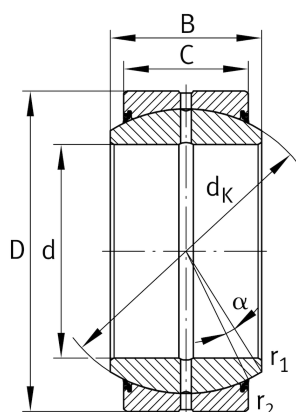
GE50-DO-2RS

Spherical plain bearing

Schaeffler ID:
0066481850000

Radial spherical plain bearing, requiring maintenance, sliding contact surface: steel/steel, DIN ISO 12240-1, dimension series E, sealed

Technical information



Main Dimensions & Performance Data

d	50 mm	Bore diameter bearing
D	75 mm	Outside diameter bearing
B	35 mm	Width Inner ring
C _r	157.000 N	Basic dynamic load rating, radial
C _{0r}	785.000 N	Basic static load rating, radial
	0,53 kg	Weight

Dimensions

C	28 mm	Width Outer ring
d _K	66 mm	Ball diameter
α	6 °	Tilt angle
r _{1smin}	0,6 mm	Edge Spacing
r _{2smin}	1 mm	Edge Spacing
d _{OT}	0 mm	Bore diameter bearing, upper tolerance
d _{a max}	55,9 mm	Connection measure Inner ring
d _{UT}	-0,012 mm	Bore diameter bearing, lower tolerance
D _{a min}	63 mm	Housing Connection Diameter
D _{OT}	0 mm	Outside diameter, upper tolerance
D _{UT}	-0,013 mm	Outside diameter, lower tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
G _r	0,06 - 0,12 mm	Radial Clearance
B _{UT}	-0,12 mm	Width inner ring, lower tolerance
C _{OT}	0 mm	Width outer ring, upper tolerance

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	130 °C	Operating temperature max.