SCHAEFFLER



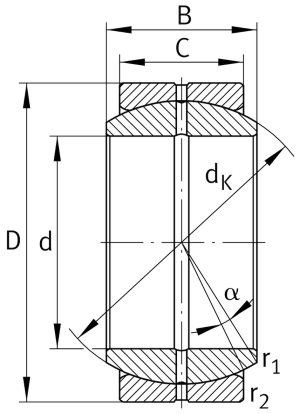
GE60-DO

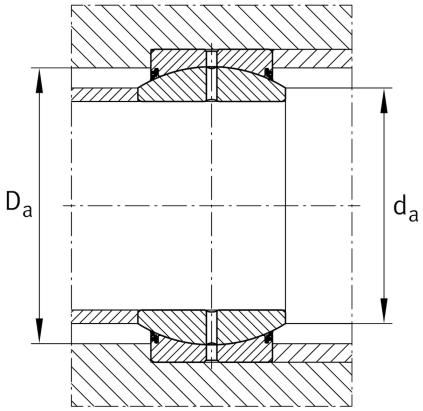
Spherical plain bearing

Schaeffler ID:
0066482150000

Radial spherical plain bearing, requiring maintenance, sliding contact surface: steel/ steel, DIN ISO 12240-1, dimension series E, open design High-performance: For highest load rating and lifetime demands

Technical information





Main Dimensions & Performance Data

d	60 mm	Bore diameter bearing
D	90 mm	Outside diameter bearing
B	44 mm	Width Inner ring
C_r	314,000 N	Basic dynamic load rating, radial
C_{0r}	1,210,000 N	Basic static load rating, radial
	1.005 kg	Weight

Mounting dimensions

$d_{a\ max}$	66.8 mm	Connection measure Inner ring

Dimensions

C	36 mm	Width Outer ring
d_K	80 mm	Ball diameter
α	6 °	Tilt angle
r_{1smin}	1 mm	Edge Spacing
r_{2smin}	1 mm	Edge Spacing
d_{OT}	0 mm	Bore diameter bearing, upper tolerance
d_{UT}	-0.015 mm	Bore diameter bearing, lower tolerance
D_{OT}	0 mm	Outside diameter, upper tolerance
D_{UT}	-0.015 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}	-0.15 mm	Width inner ring, lower tolerance
C_{OT}	0 mm	Width outer ring, upper tolerance

Temperature range

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

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.