



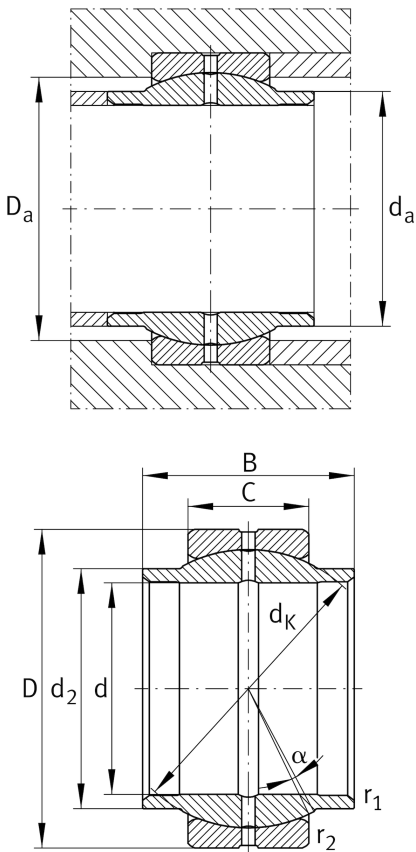
GE200-LO

Spherical plain bearing

Schaeffler ID:
0066483390000

Radial spherical plain bearing, requiring maintenance, sliding contact surface: steel/ steel, DIN ISO 12240-1, dimension series W, cylindrical extensions on inner ring, open design

Technical information



Main Dimensions & Performance Data

d	200 mm	Bore diameter bearing
D	290 mm	Outside diameter bearing
B	200 mm	Width Inner ring
C _r	2.680.000 N	Basic dynamic load rating, radial
C _{0r}	10.300.000 N	Basic static load rating, radial
	31,9 kg	Weight

Mounting dimensions

d _{a max}	221 mm	Connection measure Inner ring
D _{a min}	239 mm	Housing Connection Diameter

Dimensions

C	100 mm	Width Outer ring
d _k	250 mm	Ball diameter
α	4 °	Tilt angle
r _{1smin}	1,1 mm	Edge Spacing
r _{2smin}	1,1 mm	Edge Spacing
d _{OT}	0,046 mm	Bore diameter bearing, upper tolerance
d _{UT}	0 mm	Bore diameter bearing, lower tolerance
D _{OT}	0 mm	Outside diameter, upper tolerance
D _{UT}	-0,035 mm	Outside diameter, lower tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
G _r	0,1 - 0,192 mm	Radial Clearance
B _{UT}	-0,46 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.