



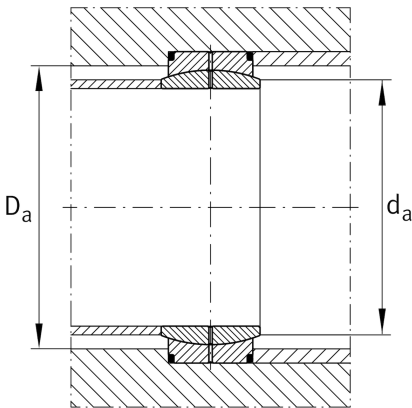
GE480-DO

Spherical plain bearing

Schaeffler ID:
0066541180000

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

Technical information



Main Dimensions & Performance Data

d	480 mm	Bore diameter bearing
D	650 mm	Outside diameter bearing
B	230 mm	Width Inner ring
C _r	13.800.000 N	Basic dynamic load rating, radial
C _{0r}	53.100.000 N	Basic static load rating, radial
	235,6 kg	Weight

Mounting dimensions

d _{a max}	516 mm	Connection measure Inner ring
D _{a min}	536 mm	Housing Connection Diameter

Dimensions

C	195 mm	Width Outer ring
d _K	565 mm	Ball diameter
α	3,8 °	Tilt angle
r _{1smin}	2 mm	Edge Spacing
r _{2smin}	5 mm	Edge Spacing
d _{OT}	0 mm	Bore diameter bearing, upper tolerance
d _{UT}	-0,045 mm	Bore diameter bearing, lower tolerance
D _{OT}	0 mm	Outside diameter, upper tolerance
D _{UT}	-0,075 mm	Outside diameter, lower tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
G _r	0,145 - 0,285 mm	Radial Clearance
B _{UT}	-0,45 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.