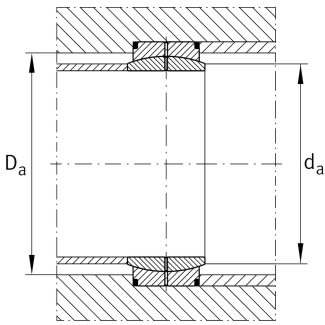


**GE340-DO**

Spherical plain bearing

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

Technical information



Your current product variant

Maintenance	Maintenance required	
Material	Steel	
Sealing	Without	
Radial internal clearance	CN (Group N)	Normal internal clearance
Coating	Durotect M	Inner- and outer ring coated with Durotect M (Manganese Phosphate)

Main Dimensions & Performance Data

d	340 mm	Bore diameter bearing
D	460 mm	Outside diameter bearing
B	160 mm	Width inner ring
C_r	6.710.000 N	Basic dynamic load rating, radial
C_{0r}	25.800.000 N	Basic static load rating, radial
$\approx m$	80,073 kg	Weight

Mounting dimensions

$r_{1\text{min}}$	1,1 mm	Edge Spacing
$r_{2\text{min}}$	3 mm	Edge Spacing
$d_{a\text{max}}$	366,6 mm	Connection measure Inner ring
$D_{a\text{min}}$	382 mm	Housing Connection Diameter



Dimensions









C	135 mm	Width Outer ring
d_K	400 mm	Ball diameter
α	3,8 °	Tilt angle
d_{OT}	0 mm	Bore diameter bearing, upper tolerance
d_{UT}	-0,04 mm	Bore diameter bearing, lower tolerance
D_{OT}	0 mm	Outside diameter, upper tolerance
D_{UT}	-0,045 mm	Outside diameter, lower tolerance
B_{OT}	0 mm	Width inner ring, upper tolerance
B_{UT}	-0,4 mm	Width inner ring, lower tolerance
C_{OT}	0 mm	Width outer ring, upper tolerance
C_{UT}	-0,9 mm	Width outer ring, lower tolerance
G_r	0,125 - 0,239	Radial Clearance
G_{rmax}	0,239 mm	Radial clearance, maximum
G_{rmin}	0,125 mm	Radial clearance, minimum

Temperature range

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



Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Grease Lubrication
-  Not sealed
-  Large bearing
-  Static angular error and misalignment
-  Dynamic angular error and misalignment