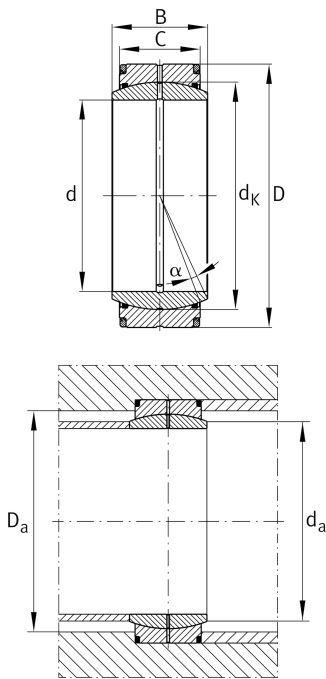


**GE480-DO-2RS4**

## Spherical plain bearing

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

## Technical information

**Your current product variant**

Maintenance	Maintenance required	
Material	Steel	
Type of Seal	2RS4	Lip seals with increased sealing action on both sides
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	480 mm	Bore diameter bearing
D	650 mm	Outside diameter bearing
B	230 mm	Width inner ring
C <sub>r</sub>	12.000.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	46.000.000 N	Basic static load rating, radial
m	232,6 kg	Weight

**Mounting dimensions**

r <sub>1min</sub>	2 mm	Edge Spacing
r <sub>2min</sub>	5 mm	Edge Spacing
d <sub>a max</sub>	516 mm	Connection measure Inner ring
D <sub>a min</sub>	536 mm	Housing Connection Diameter



### Dimensions

C	195 mm	Width Outer ring
$d_K$	565 mm	Ball diameter
$\alpha$	3,8 °	Tilt angle
$d_{OT}$	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
$B_{UT}$	-0,45 mm	Width inner ring, lower tolerance
$C_{OT}$	0 mm	Width outer ring, upper tolerance
$C_{UT}$	-1,1 mm	Width outer ring, lower tolerance
$G_r$	0,145 - 0,285	Radial Clearance
$G_{rmax}$	0,285 mm	Radial clearance, maximum
$G_{rmin}$	0,145 mm	Radial clearance, minimum









### Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	130 °C	Operating temperature max.



## Characteristics

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-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Grease Lubrication
-  Sealed on both sides
-  Large bearing
-  Static angular error and misalignment
-  Dynamic angular error and misalignment