

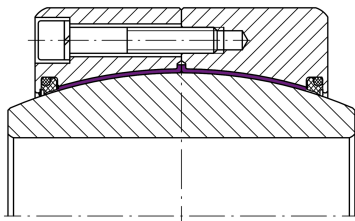
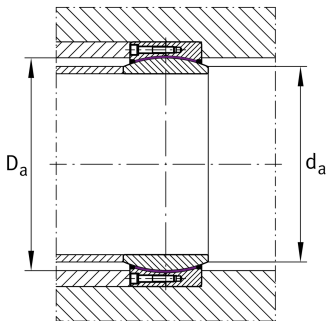
**GE320-DW-XL**

Spherical plain bearing

Large radial spherical plain bearing, maintenance-free, sliding layer: ELGOGLIDE, inner ring curved surface with hard chromium coating, DIN ISO 12240-1, dimension series C, open design

X-life

Technical information



Your current product variant

Maintenance	Maintenance free
Sealing	Without Without
Bore lining	Without
Coating	Without
Fabric	ELGOGLIDE
Material	Steel

Main Dimensions & Performance Data

d	320 mm	Bore diameter bearing
C_r	15.400.000 N	Basic dynamic load rating, radial
D	440 mm	Outside diameter bearing
B	160 mm	Width inner ring
C	135 mm	Width Outer ring
C_{0r}	25.700.000 N	Basic static load rating, radial
$\approx m$	77,6 kg	Weight



Mounting dimensions

$r_{1\text{min}}$	1,1 mm	Edge Spacing
$r_{2\text{min}}$	3 mm	Edge Spacing
D_{amin}	361 mm	Housing Connection Diameter
d_{amax}	344,6 mm	Connection measurement, inner ring

Dimensions









d_{κ}	380 mm	Ball diameter
α	4 °	Tilt angle
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
d_{UT}	-0,04 mm	Bore diameter bearing, lower tolerance
B_{UT}	-0,4 mm	Width inner ring, lower tolerance
d_{OT}	0 mm	Bore diameter bearing, upper tolerance
C_{OT}	0 mm	Width outer ring, upper tolerance
C_{UT}	-0,9 mm	Width outer ring, lower tolerance
G_{r}	0 - 0,125	Radial Clearance
G_{rmax}	0,125 mm	Radial clearance, maximum
G_{rmin}	0 mm	Radial clearance, minimum

Temperature range

T_{min}	-50 °C	Operating temperature min.
T_{max}	150 °C	Operating temperature max.



Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Lifetime lubrication, freedom from maintenance
-  Not sealed
-  Large bearing
-  Static angular error and misalignment
-  Dynamic angular error and misalignment