

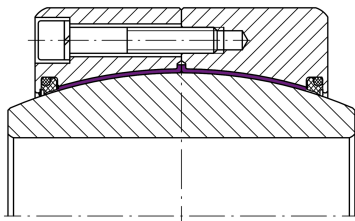
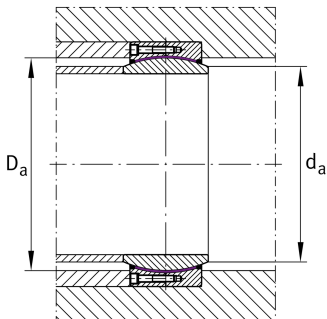
**GE420-DW-XL**

## 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 &amp; Performance Data

d	420 mm	Bore diameter bearing
$C_r$	23.500.000 N	Basic dynamic load rating, radial
D	560 mm	Outside diameter bearing
B	190 mm	Width inner ring
C	160 mm	Width Outer ring
$C_{0r}$	39.200.000 N	Basic static load rating, radial
$\approx m$	138,8 kg	Weight



### Mounting dimensions

$r_{1\text{min}}$	1,5 mm	Edge Spacing
$r_{2\text{min}}$	4 mm	Edge Spacing
$D_{\text{amin}}$	469 mm	Housing Connection Diameter
$d_{\text{amax}}$	451,6 mm	Connection measurement, inner ring

### Dimensions

$d_{\kappa}$	490 mm	Ball diameter
$\alpha$	3,7 °	Tilt angle
$D_{\text{OT}}$	0 mm	Outside diameter, upper tolerance
$D_{\text{UT}}$	-0,05 mm	Outside diameter, lower tolerance
$B_{\text{OT}}$	0 mm	Width inner ring, upper tolerance
$d_{\text{UT}}$	-0,045 mm	Bore diameter bearing, lower tolerance
$B_{\text{UT}}$	-0,45 mm	Width inner ring, lower tolerance
$d_{\text{OT}}$	0 mm	Bore diameter bearing, upper tolerance
$C_{\text{OT}}$	0 mm	Width outer ring, upper tolerance
$C_{\text{UT}}$	-1 mm	Width outer ring, lower tolerance
$G_{\text{r}}$	0 - 0,135	Radial Clearance
$G_{\text{rmax}}$	0,135 mm	Radial clearance, maximum
$G_{\text{rmin}}$	0 mm	Radial clearance, minimum









### Temperature range

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



### Characteristics

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-  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