

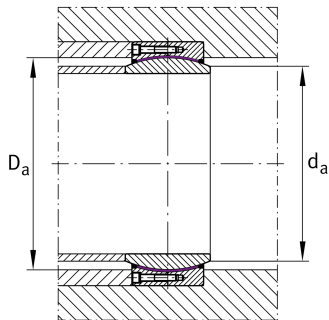
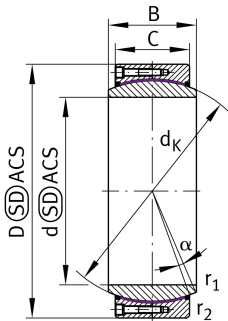
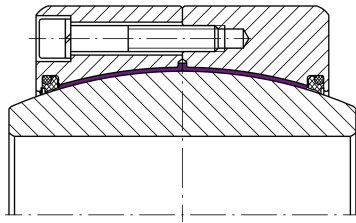
**GE440-DW-2RS2-XL**

## 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, sealed

X-life

## Technical information



## Your current product variant

Maintenance	Maintenance free
Sealing	2RS2 Lip seals with increased sealing action on both sides
Bore lining	Without
Coating	Without
Fabric	ELGOGLIDE
Material	Steel

## Main Dimensions &amp; Performance Data

d	440 mm	Bore diameter bearing
C <sub>r</sub>	24.500.000 N	Basic dynamic load rating, radial
D	600 mm	Outside diameter bearing
B	218 mm	Width inner ring
C	185 mm	Width Outer ring
C <sub>0r</sub>	40.800.000 N	Basic static load rating, radial
≈m	191,77 kg	Weight



### Mounting dimensions

$r_{1\text{min}}$	1,5 mm	Edge Spacing
$r_{2\text{min}}$	4 mm	Edge Spacing
$D_{\text{amin}}$	491 mm	Housing Connection Diameter
$d_{\text{amax}}$	472 mm	Connection measurement, inner ring

### Dimensions

$d_{\kappa}$	520 mm	Ball diameter
$\alpha$	3,9 °	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 - 0,145	Radial Clearance
$G_{\text{rmax}}$	0,145 mm	Radial clearance, maximum
$G_{\text{rmin}}$	0 mm	Radial clearance, minimum

### Temperature range

$T_{\text{min}}$	-40 °C	Operating temperature min.
$T_{\text{max}}$	120 °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



Sealed on both sides



Large bearing



Static angular error and misalignment



Dynamic angular error and misalignment