

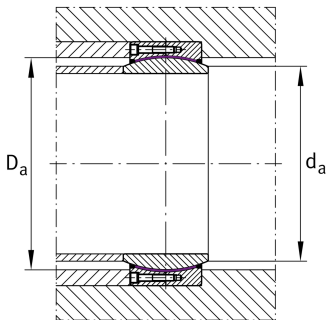
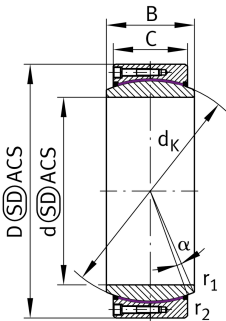
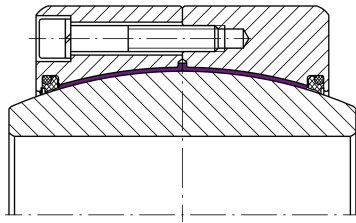
**GE710-DW-2RS2-XL**

## 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
Type of Seal	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	710 mm	Bore diameter bearing
$C_r$	60.900.000 N	Basic dynamic load rating, radial
D	950 mm	Outside diameter bearing
B	325 mm	Width inner ring
C	275 mm	Width Outer ring
$C_{0r}$	101.000.000 N	Basic static load rating, radial
$\approx m$	688,5 kg	Weight



### Mounting dimensions

$r_{1\text{min}}$	3 mm	Edge Spacing
$r_{2\text{min}}$	6 mm	Edge Spacing
$D_{\text{amin}}$	789 mm	Housing Connection Diameter
$d_{\text{amax}}$	763,7 mm	Connection measurement, inner ring

### Dimensions

$d_{\kappa}$	830 mm	Ball diameter
$\alpha$	3,7 °	Tilt angle
$D_{\text{OT}}$	0 mm	Outside diameter, upper tolerance
$D_{\text{UT}}$	-0,1 mm	Outside diameter, lower tolerance
$B_{\text{OT}}$	0 mm	Width inner ring, upper tolerance
$d_{\text{UT}}$	-0,075 mm	Bore diameter bearing, lower tolerance
$B_{\text{UT}}$	-0,75 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
$C_{\text{UT}}$	-1,2 mm	Width outer ring, lower tolerance
$G_{\text{r}}$	0 - 0,17	Radial Clearance
$G_{\text{rmax}}$	0,17 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