

**GE600-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 & Performance Data

d	600 mm	Bore diameter bearing
C_r	42.400.000 N	Basic dynamic load rating, radial
D	800 mm	Outside diameter bearing
B	272 mm	Width inner ring
C	230 mm	Width Outer ring
C_{0r}	70.700.000 N	Basic static load rating, radial
$\approx m$	406,1 kg	Weight





Mounting dimensions

$r_{1\text{min}}$	2 mm	Edge Spacing
$r_{2\text{min}}$	5 mm	Edge Spacing
D_{amin}	667 mm	Housing Connection Diameter
d_{amax}	644,9 mm	Connection measurement, inner ring

Dimensions

d_{κ}	700 mm	Ball diameter
α	3,6 °	Tilt angle
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
d_{UT}	-0,05 mm	Bore diameter bearing, lower tolerance
B_{UT}	-0,5 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}	-1,1 mm	Width outer ring, lower tolerance
G_{r}	0 - 0,16	Radial Clearance
G_{rmax}	0,16 mm	Radial clearance, maximum
G_{rmin}	0 mm	Radial clearance, minimum

Temperature range

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



Characteristics



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