

**GE440-DW-2RS2-W11-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	W11	For low contact pressures (starting as low as 1 N/mm ²) and minimal friction
Material	Steel	

Main Dimensions & Performance Data

d	440 mm	Bore diameter bearing
C _r	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 _{0r}	40.800.000 N	Basic static load rating, radial
≈m	191,8 kg	Weight





Mounting dimensions

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

Dimensions

d_{κ}	520 mm	Ball diameter
α	3,9 °	Tilt angle
D_{OT}	0 mm	Outside diameter, upper tolerance
D_{UT}	-0,05 mm	Outside diameter, lower tolerance
B_{OT}	0 mm	Width inner ring, upper tolerance
d_{UT}	-0,045 mm	Bore diameter bearing, lower tolerance
B_{UT}	-0,45 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 mm	Width outer ring, lower tolerance
G_{r}	0 - 0,145	Radial Clearance
G_{rmax}	0,145 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