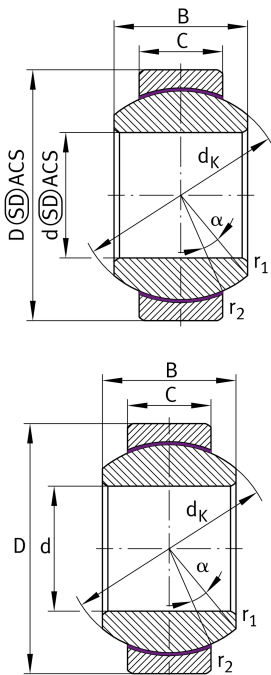


**GE8-FW**

Spherical plain bearing

Radial spherical plain bearing, maintenance-free, sliding layer: PTFE composite, inner ring curved surface with hard chromium coating, DIN ISO 12240-1, dimension series G, open design

Technical information

**Your current product variant**

Maintenance	Maintenance free	
Type of Sealing	Without	Without
Bore lining	Without	
Coating	Without	
Fabric	PTFE-composite	Composite Material based on a steel backing, sintered bronze layer, with inserted plastic material.
Material	Steel	

Main Dimensions & Performance Data

d	8 mm	Bore diameter bearing
C_r	8.640 N	Basic dynamic load rating, radial
D	19 mm	Outside diameter bearing
B	11 mm	Width inner ring
C	6 mm	Width Outer ring
C_{0r}	21.600 N	Basic static load rating, radial
$\approx m$	13,77 g	Weight



Mounting dimensions

$r_{1\text{min}}$	0,3 mm	Edge Spacing
$r_{2\text{min}}$	0,3 mm	Edge Spacing
D_{amin}	15,5 mm	Housing Connection Diameter
d_{amax}	11,6 mm	Connection measurement, inner ring

Dimensions


d_{K}	16 mm	Ball diameter
α	21 °	Tilt angle
D_{OT}	0 mm	Outside diameter, upper tolerance
D_{UT}	-0,009 mm	Outside diameter, lower tolerance
B_{OT}	0 mm	Width inner ring, upper tolerance
d_{UT}	-0,008 mm	Bore diameter bearing, lower tolerance
B_{UT}	-0,12 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}	-0,24 mm	Width outer ring, lower tolerance
G_{r}	0 - 0,032	Radial Clearance
G_{rmax}	0,032 mm	Radial clearance, maximum
G_{rmin}	0 mm	Radial clearance, minimum

Temperature range

T_{min}	-50 °C	Operating temperature min.
T_{max}	200 °C	Operating temperature max.



Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Lifetime lubrication, freedom from maintenance
-  Not sealed
-  Static angular error and misalignment
-  Dynamic angular error and misalignment