

**GE15-UK**

## 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 E, open design

## Technical information

**Your current product variant**

Maintenance	Maintenance free	
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	15 mm	Bore diameter bearing
$C_r$	17.800 N	Basic dynamic load rating, radial
D	26 mm	Outside diameter bearing
B	12 mm	Width inner ring
C	9 mm	Width Outer ring
$C_{0r}$	44.600 N	Basic static load rating, radial
$\approx m$	26,15 g	Weight

**Mounting dimensions**

$r_{1\text{min}}$	0,3 mm	Edge Spacing
$r_{2\text{min}}$	0,3 mm	Edge Spacing
$D_{\text{amin}}$	21 mm	Housing Connection Diameter
$d_{\text{amax}}$	18,4 mm	Connection measurement, inner ring










## Dimensions

$d_K$	22 mm	Ball diameter
$\alpha$	8 °	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 - 0,04	Radial Clearance
$G_{rmax}$	0,04 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