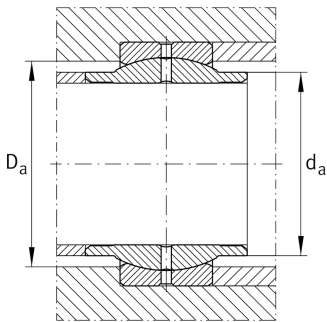
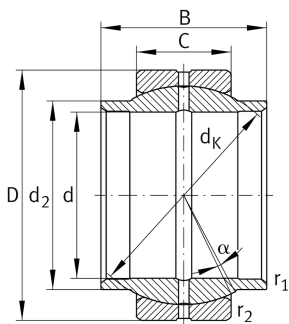


**GE12-LO-E**

## Spherical plain bearing

Standard performance Radial spherical plain bearing, requiring maintenance, sliding contact surface: steel/steel, DIN ISO 12240-1, dimension series W, cylindrical extensions on inner ring, open design

## Technical information

**Your current product variant**

Maintenance	Maintenance required
Material	Steel
Sealing	Without
Radial internal clearance	CN (Group N) Normal internal clearance
Coating	Durotect M Inner- and outer ring coated with Durotect M (Manganese Phosphate)

**Main Dimensions & Performance Data**

d	12 mm	Bore diameter bearing
D	22 mm	Outside diameter bearing
B	12 mm	Width inner ring
$C_r$	10.700 N	Basic dynamic load rating, radial
$C_{0r}$	53.600 N	Basic static load rating, radial
$\approx m$	0,017 kg	Weight

**Mounting dimensions**

$r_{1\text{min}}$	0,3 mm	Edge Spacing
$r_{2\text{min}}$	0,3 mm	Edge Spacing
$d_{a\text{max}}$	15,5 mm	Connection measure Inner ring
$D_{a\text{min}}$	17,5 mm	Housing Connection Diameter










## Dimensions

C	7 mm	Width Outer ring
$d_K$	18 mm	Ball diameter
$\alpha$	4 °	Tilt angle
$d_{OT}$	0,018 mm	Bore diameter bearing, upper tolerance
$d_{UT}$	0 mm	Bore diameter bearing, lower tolerance
$D_{OT}$	0 mm	Outside diameter, upper tolerance
$D_{UT}$	-0,009 mm	Outside diameter, lower tolerance
$B_{OT}$	0 mm	Width inner ring, upper tolerance
$B_{UT}$	-0,18 mm	Width inner ring, lower tolerance
$C_{OT}$	0 mm	Width outer ring, upper tolerance
$C_{UT}$	-0,24 mm	Width outer ring, lower tolerance
$G_r$	0,032 - 0,068	Radial Clearance
$G_{rmax}$	0,068 mm	Radial clearance, maximum
$G_{rmin}$	0,032 mm	Radial clearance, minimum

## Temperature range

$T_{min}$	-60 °C	Operating temperature min.
$T_{max}$	200 °C	Operating temperature max.

## Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Grease Lubrication
-  Not sealed
-  Static angular error and misalignment
-  Dynamic angular error and misalignment