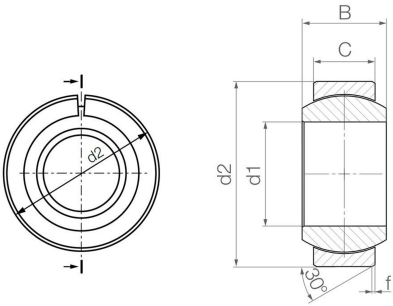


igubal® spherical plain bearing, low-cost  
**EGLM-15-LC-J**



**igubal® spherical plain bearing, low-cost**

- Dimension series: K, based on DIN ISO 12240
- Housing material: igumid G
- Spherical cap material: iglidur® J/J4/J4V/R
- Very favorable spherical plain bearing

**Product description**

Discover the igubal® spherical plain bearing, a low-cost solution that revolutionises bearing performance. Designed for ease of handling and exceptional robustness, it features a lightweight housing made from igumid G, an impact-resistant polymer. With a spherical cap crafted from iglidur® W300, it ensures low friction and minimal stick-slip, making it ideal for various applications in the food industry, rail transportation, automotive, and plant engineering. Experience reliability without the high costs.

**General properties**

|                         |           |
|-------------------------|-----------|
| Weight                  | 4.889 g   |
| Housing material        | igumid G  |
| Spherical ball material | igidur® J |

**Manufacturing and installation tolerances**

|                             |            |
|-----------------------------|------------|
| Recommended shaft tolerance | h9         |
| Recommended shaft roughness | 0,1-0,3 µm |

**Dimensions**

|                       |        |
|-----------------------|--------|
| B                     | 12 mm  |
| Shaft diameter        | 15 mm  |
| Ø d2                  | 26 mm  |
| C                     | 9 mm   |
| Length of chamfer (f) | 0.5 mm |



## Mechanical properties

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|                                               |         |
|-----------------------------------------------|---------|
| Max. axial static load, short-term            | 2000 N  |
| Max. axial static load, long-term             | 1000 N  |
| Max. radial static pressure load, short-term  | 11000 N |
| Max. radial static pressure load, long-term   | 5500 N  |
| Max. pivot angle ( $\alpha$ )                 | 21 °    |
| Max. tightening torque through spherical ball | 30 Nm   |