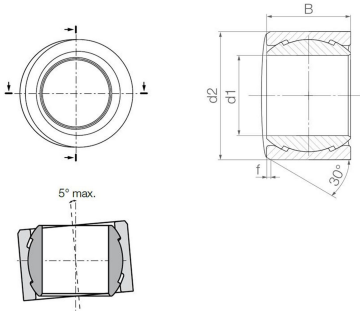


igubal® Spherical plain bearing, Slim Line
KGLM-08-SL



igubal® Spherical plain bearing, Slim Line

- Dimension series: K, based on DIN ISO 12240
- Housing material: igumid G
- Spherical cap material: iglidur® W300
- For very small installation space

Product description

Introducing the igubal® Spherical Plain Bearing, Slim Line from igus. This innovative bearing combines lightweight design with robust materials, making it easy to handle and cost-effective. Crafted from igumid G, a durable polymer, it withstands temperatures from -30 °C to +80 °C. The iglidur® W300 spherical cap ensures low friction and minimal stick-slip, perfect for various applications including food, automotive, and rail industries. Experience reliability and efficiency with igubal® bearings.

General properties

Weight	1.111 g
Housing material	igumid G
Spherical ball material	igidur® W300

Manufacturing and installation tolerances

Recommended shaft tolerance	h9
Recommended shaft roughness	0,4-0,5 µm

Dimensions

B	9 mm
Shaft diameter	8 mm
Ø d2	14 mm
Length of chamfer (f)	0.5 mm



Mechanical properties

Max. axial static load, short-term	450 N
Max. axial static load, long-term	225 N
Max. radial static pressure load, short-term	2700 N
Max. radial static pressure load, long-term	1350 N
Max. pivot angle (α)	5 °