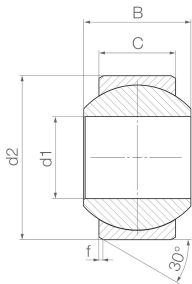


igubal® spherical plain bearing

KGLM-02



igubal® spherical plain bearing

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

C	3 mm
B	4 mm
Length of chamfer (f)	0.8 mm
Ø d2	8 mm
Part number	KGLM-02

Product description

Discover the igubal® spherical plain bearing, designed to revolutionise your applications. This lightweight and robust bearing eliminates the challenges of traditional options, offering easy handling and cost-effectiveness. Made from igumid G, a durable polymer, it withstands temperatures from -30 °C to +80 °C. The spherical cap, crafted from iglidur® W300, ensures minimal friction and low stick-slip, making it ideal for industries like food, automotive, and rail transportation. Upgrade your projects with igubal® today!

General properties

Weight	0.189 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	4 mm
Shaft diameter	2 mm
Ø d2	8 mm
C	3 mm
Length of chamfer (f)	0.8 mm



Mechanical properties

Max. axial static load, short-term	60 N
Max. axial static load, long-term	60 N
Max. radial static pressure load, short-term	300 N
Max. radial static pressure load, long-term	150 N
Max. pivot angle (α)	32 °
Max. tightening torque through spherical ball	1 Nm