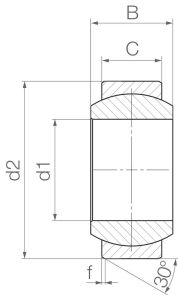


igubal® spherical plain bearing
EGLM-25



igubal® spherical plain bearing

- Dimension series: K, based on DIN ISO 12240
- Housing material: igumid G
- Spherical cap material: iglidur® W300 / J / J4

Product description

Introducing the igubal spherical plain bearing, a maintenance-free and lubrication-free solution designed for durability and performance. Made from igumid G, a robust polymer, it withstands temperatures from -30 °C to +80 °C. This lightweight bearing is dirt-resistant and corrosion-resistant, making it ideal for various applications, including the food industry and automotive sector. Its design allows for easy installation and compensates for misalignment, ensuring reliable operation in demanding environments.

General properties

Weight	19.51 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	20 mm
Shaft diameter	25 mm
Ø d2	42 mm
C	16 mm
Length of chamfer (f)	1 mm



Mechanical properties

Max. axial static load, short-term	2900 N
Max. axial static load, long-term	1450 N
Max. radial static pressure load, short-term	14000 N
Max. radial static pressure load, long-term	7000 N
Max. pivot angle (α)	16 °
Max. tightening torque through spherical ball	55 Nm