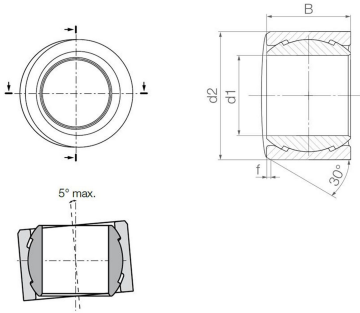


Spherical bearing, slim line, KGLI SL, igubal®
KGLI-05-SL



Spherical bearing, slim line, KGLI SL, igubal®

- Dimensional series: K, following DIN ISO 12240
- Housing material: igumid G
- Material of spherical ball: iglidur® R
- Very small installation space
- Wall thickness 50% thinner than KGLM
- Angle compensation up to 5°
- Lightweight
- Dimensions according to DIN 1850

Product description

Discover the igubal® KGLI SL spherical bearing, designed for easy handling and cost-effectiveness. Made from igumid G, this lightweight bearing features a robust split housing, perfect for tight spaces. It offers excellent chemical resistance and can handle high axial and radial loads while compensating for alignment errors. Ideal for applications in the food industry, automotive, and plant construction, this maintenance-free solution simplifies installation and ensures durability. Upgrade your engineering designs with igubal® today.

General properties

Weight	0.764 g
Housing material	igumid G

Manufacturing and installation tolerances

Installation tolerance d1	h11
Recommended shaft tolerance	h9
Recommended shaft roughness	0,4-0,5 µm

Dimensions

B	0.3125 in
Shaft diameter	0.3125 in
Ø d2	0.5 in
Length of chamfer (f)	0.02 in



Mechanical properties

Max. axial static load, short-term	79 N
Max. axial static load, long-term	39 N
Max. radial static pressure load, short-term	550 N
Max. radial static pressure load, long-term	225 N
Max. pivot angle (α)	5 °