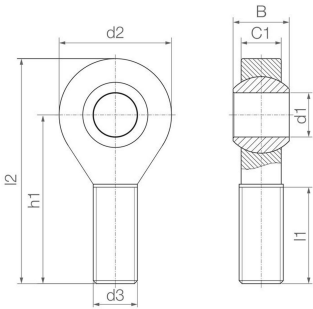


Rod end bearing with male thread, KARI /KALI
igubal®, spherical ball iglidur® W300, inch
KALI-04



Rod end bearing with male thread, KARI /KALI
igubal®, spherical ball iglidur® W300, inch

- Spherical ball material: iglidur® W300
- Thread direction: right hand / left-hand
- Housing material: igumid G
- Dimensional series K following DIN ISO 12240
- Maintenance-free dry operation
- High rigidity
- Very high durability in varying loads
- Compensation of misalignment errors
- Compensation of edge loads
- Resistant to dirt, dust and lint
- Resistant to corrosion and chemicals
- High vibration-dampening
- Suitable for rotating, oscillating and linear movements
- Very lightweight

Product description

Introducing the KALI-04 igubal® rod end bearing with male thread, designed for durability in harsh environments. Made from igumid G, this lightweight bearing is corrosion-resistant and can withstand temperatures from -40 °C to +90 °C. The iglidur® W300 spherical ball ensures low friction and maintenance-free operation. Ideal for applications in bicycle manufacturing, plant construction, and offshore environments, it compensates for misalignment and edge loads, making it a reliable choice for various movements.

Thermal properties

Max. long-term application temperature	90 °C
Max. short-term application temperature	180 °C
Lower application temperature	-40 °C

Manufacturing and installation tolerances

Installation tolerance d1	E10
Recommended shaft tolerance	h9
Recommended shaft roughness	0,4-0,5 µm



General properties

Weight	3.525 g
thread (inner/outer)	outer thread
Thread direction	Left-hand thread
Dimensional series	K, according to DIN ISO 12240
Housing material	igumid G
Spherical ball material	iglidur® W300

Mechanical properties

Max. static transverse load, short-term	100 N
Max. static transverse load, long-term	50 N
Max. tightening torque, lead screw	1 Nm
Max. tightening torque through spherical ball	4 Nm
Max. pivot angle (α)	25 °
Max. radial static pressure load, short-term	100 N
Max. radial static pressure load, long-term	50 N
Max. static radial tensile stress, short-term	900 N
Max. static radial tensile stress, long-term	450 N

Dimensions

Shaft diameter	0.25 in
d3 thread	1/4-28
C1	0.25 in
B	0.365 in
h1	1.562 in
l1	1 in
l2	1.937 in
Min. thread engagement	0.7 in