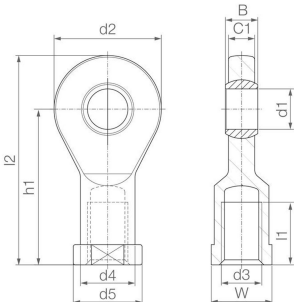


Rod end with female thread, EBRI / EBLI igubal®,
spherical ball iglidur® W300, inch
EBLI-04



Rod end with female thread, EBRI / EBLI
igubal®, spherical ball iglidur® W300, inch

- Spherical ball material: iglidur® W300
- Thread direction: right hand / left hand
- Housing material: igumid G
- Dimensional series E 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 EBLI-04 igubal® rod end bearing with a female thread, designed for robust performance in harsh environments. Made from igumid G, this lightweight, corrosion-resistant housing ensures durability and high rigidity. The spherical ball, crafted from iglidur® W300, offers maintenance-free dry operation with low friction. Ideal for rotating, oscillating, and linear movements, it excels in applications across bicycle manufacturing, plant construction, and offshore industries. Experience reliability with the EBLI-04.

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

Mechanical properties

Max. static transverse load, short-term	200 N
Max. static transverse load, long-term	100 N
Max. tightening torque, lead screw	5 Nm
Max. tightening torque through spherical ball	2.5 Nm
Max. pivot angle (α)	25 °
Max. radial static pressure load, short-term	200 N
Max. radial static pressure load, long-term	100 N
Max. static radial tensile stress, short-term	1500 N
Max. static radial tensile stress, long-term	750 N

Dimensions

Shaft diameter	0.25 in
Ø d2	0.827 in
d3 thread	1/4-28
Ø d4	0.4331 in
Ø d5	0.5118 in
C1	0.1732 in
B	0.25 in
h1	1.1811 in
l1	0.4724 in
l2	1.5945 in
W (key width)	0,437 (7/16)
Min. screw-in depth, thread	0.315 in