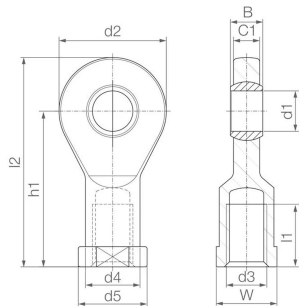


Rod end with female thread, EBRI / EBLI igubal®,
spherical ball iglidur® R, imperial

EBLI-03-R



Rod end with female thread, EBRI / EBLI
igubal®, spherical ball iglidur® R, imperial

- Spherical ball material: iglidur® R
- Thread direction: right / left
- Housing material: igumid G
- Dimensional E series according to DIN ISO 12240
- Maintenance-free dry operation
- High rigidity
- Very high durability under alternating loads
- Compensation of misalignment
- Compensation of edge loads
- Resistant to dirt, dust and lint
- Resistant to corrosion and chemicals
- Vibration-dampening
- Suitable for rotating, pivoting and linear movements
- Lightweight

B	0.19 in
Ø d2	0.748 in

Product description

Introducing the EBLI-03-R igubal® rod end with female thread, designed for durability and performance. Made from igumid G, this lightweight and impact-resistant housing ensures long-lasting use in harsh environments, resisting corrosion, chemicals, and dirt. The iglidur® R spherical ball offers maintenance-free operation with low friction, ideal for rotating, oscillating, and linear movements. Perfect for applications in bicycle construction, plant construction, and more, this rod end is your reliable solution for demanding conditions.

Manufacturing and installation tolerances

Installation tolerance d1	E10
Recommended shaft tolerance	h9

General properties

Weight	3.15 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	igidur® R



Mechanical properties

Max. static transverse load, short-term	150 N
Max. static transverse load, long-term	75 N
Max. tightening torque, lead screw	2 Nm
Max. tightening torque through spherical ball	2 Nm
Max. pivot angle (α)	30 °
Max. radial static pressure load, short-term	150 N
Max. radial static pressure load, long-term	75 N
Max. static radial tensile stress, short-term	1300 N
Max. static radial tensile stress, long-term	650 N

Dimensions

Shaft diameter	0.19 in
Ø d2	0.748 in
d3 thread	10-32
Ø d4	0.3543 in
Ø d5	0.4331 in
C1	0.1732 in
B	0.19 in
h1	1.1811 in
l1	0.4724 in
l2	1.5551 in
W (key width)	0,375 (3/8)
Min. screw-in depth, thread	0.315 in