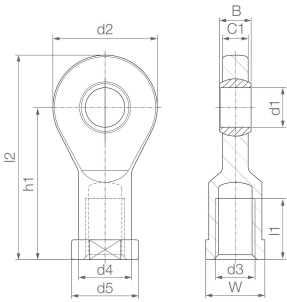


igubal® Rod end with internal thread
EBRM-06



igubal® Rod end with internal thread

- Space-saving rod end with internal thread
- Right and left-hand thread
- igumid G housing
- Dimensional series E according to DIN ISO 12240

B	6 mm
Ø d2	21 mm

Product description

Discover the igubal® Rod End with Internal Thread, part number EBRM-06. This corrosion-resistant bearing is designed for tough environments, handling humidity and weak acids with ease. Made from igumid G polymer, it offers high impact resistance and operates effectively from -40 °C to +90 °C. Enjoy maintenance-free dry running, high rigidity, and low weight, making it perfect for applications in bicycle construction, plant construction, and offshore use. Experience durability and reliability with igubal®.

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	3.8875 g
thread (inner/outer)	inner thread
Thread direction	Right-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	1.5 Nm
Max. tightening torque through spherical ball	2.5 Nm
Max. pivot angle (α)	27 °
Max. static radial tensile stress, short-term	1500 N
Max. static radial tensile stress, long-term	750 N

Dimensions

Shaft diameter	6 mm
Ø d2	21 mm
d3 thread	M06
Ø d4	11 mm
Ø d5	13 mm
pitch	1 mm
C1	4.4 mm
B	6 mm
h1	30 mm
l1	12 mm
l2	40.5 mm
W (width across flats)	SW11
Min. thread engagement	8 mm