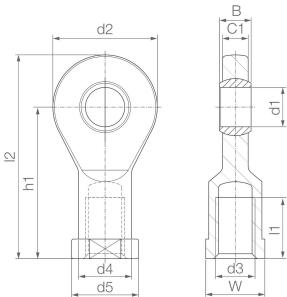


Rod end with female thread, EBRM / EBLM,
spherical ball iglidur® X, mm

EBLM-06-HT



Rod end with female thread, EBRM / EBLM,
spherical ball iglidur® X, mm

- Space-saving rod end bearing with female thread
- Cost-effective iglidur® X spherical ball for temperatures up to +200°C
- Right-hand / left-hand thread
- iguton G housing
- Dimensional E series according to DIN ISO 12240

B	6 mm
Ø d2	21 mm

Product description

Discover the EBLM-06-HT igubal rod end bearing with a female thread, designed for durability in harsh environments. Made from iguton G material, it withstands temperatures from -40°C to +200°C and offers excellent chemical resistance. The iglidur® X spherical ball ensures maintenance-free operation, high rigidity, and long-lasting performance. Ideal for bicycle manufacturing, plant construction, and offshore applications, this lightweight and cost-effective solution compensates for misalignment and edge loads effortlessly.

Thermal properties

Max. long-term application temperature	200 °C
Max. short-term application temperature	240 °C
Lower application temperature	-40 °C

Manufacturing and installation tolerances

Installation tolerance d1	E10
Recommended shaft tolerance	h9

General properties

Weight	4.963 g
thread (inner/outer)	inner thread
Thread direction	Left-hand thread
Dimensional series	E, according to DIN ISO 12240
Housing material	iguton G
Spherical ball material	igidur® X



Mechanical properties

Max. static transverse load, short-term	172 N
Max. static transverse load, long-term	86 N
Max. tightening torque, lead screw	0.5 Nm
Max. tightening torque through spherical ball	2.5 Nm
Max. pivot angle (α)	27 °
Max. static radial tensile stress, short-term	832 N
Max. static radial tensile stress, long-term	416 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 (key width)	SW11
Min. screw-in depth, thread	14 mm