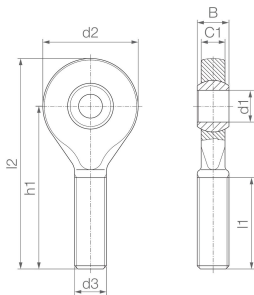


Rod end with male thread, EARM / EALM, spherical ball iglidur® X, mm

EALM-06-HT



Rod end with male thread, EARM / EALM, spherical ball iglidur® X, mm

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

B	6 mm
h1	36 mm
l1	20 mm
Ø d2	21 mm
d3 thread	M06
C1	4.4 mm
Part number	EALM-06-HT
pitch	1 mm

Product description

Introducing the EALM-06-HT igubal® rod end bearing with male thread, designed for high performance in challenging environments. Crafted from durable iguton G material, it withstands temperatures from -40°C to +200°C and offers exceptional resistance to corrosion, chemicals, and dust. The iglidur® X spherical ball ensures maintenance-free operation, high rigidity, and durability under varying loads. Ideal for applications in bicycle manufacturing, plant construction, and offshore projects, this lightweight bearing is perfect for rotating, oscillating, and linear movements.

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

Mechanical properties

Max. static transverse load, short-term	30 N
Max. static transverse load, long-term	15 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	600 N
Max. static radial tensile stress, long-term	300 N

Dimensions

Shaft diameter	6 mm
Ø d2	21 mm
d3 thread	M06
pitch	1 mm
C1	4.4 mm
B	6 mm
h1	36 mm
l1	20 mm
l2	46.5 mm
Min. screw-in depth, thread	14 mm