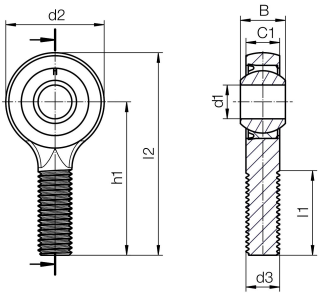


Rod end made of stainless steel with male thread, right-hand/left-hand, KARM/KALM, iglidur® A181 bearing ring, mm

KALM-ES-06-A181-EK



Rod end made of stainless steel with male thread, right-hand/left-hand, KARM/KALM, iglidur® A181 bearing ring, mm

- Metallic rod end with male thread with stainless steel spherical ball for high transverse loads
- Maintenance-free inner ring made of iglidur® A181 for food applications
- Right-hand thread
- Housing made of stainless steel (1.4301)
- Spherical ball made of stainless steel (1.4305)
- Dimensional series K following DIN ISO 12240

B	9 mm
h1	36 mm
l1	21 mm
l2	47 mm
Ø d2	22 mm
Shaft diameter	6 mm
d3 thread	M06
C1	7 mm

Product description

Introducing the KALM-ES-06-A181-EK rod end from igubal®, designed for high performance in demanding environments. Crafted from stainless steel, it features a durable male thread and a maintenance-free iglidur® A181 bearing ring, making it ideal for food applications. This rod end is resistant to corrosion, chemicals, and dirt, ensuring longevity and reliability. Suitable for a range of movements, it excels in machine tools, plant construction, and automation. Experience superior performance with this robust and versatile rod end.

Thermal properties

Max. long-term application temperature	90 °C
Max. short-term application temperature	110 °C
Lower application temperature	-50 °C

General properties

Weight	19.32 g
thread (inner/outer)	outer thread
Thread direction	Left-hand thread
Dimensional series	K, according to DIN ISO 12240
Housing material	Stainless steel die-casting
Spherical ball material	Stainless steel



Mechanical properties

Max. static transverse load, short-term	160 N
Max. static transverse load, long-term	80 N
Max. tightening torque, lead screw	2 Nm
Max. pivot angle (α)	29 °
Max. axial static load, short-term	110 N
Max. axial static load, long-term	55 N
Max. static radial tensile stress, short-term	1900 N
Max. static radial tensile stress, long-term	950 N

Dimensions

Shaft diameter	6 mm
Ø d2	22 mm
d3 thread	M06
C1	7 mm
B	9 mm
h1	36 mm
l1	21 mm
l2	47 mm
Min. screw-in depth, thread	13 mm

Certificates and standards

