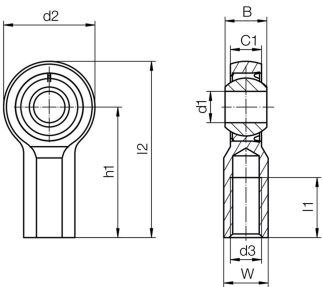


Rod end made of stainless steel with female thread, iglidur® A181 bearing ring

KCLM-ES-08-A181-EK



Rod end made of stainless steel with female thread, iglidur® A181 bearing ring

- Metallic rod end with female thread with stainless steel spherical ball for high transverse loads
- Maintenance-free inner ring made of iglidur® A181 for food applications
- Right-hand/left-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	12 mm
h1	36 mm
l1	16 mm
l2	49.25 mm
Ø d2	26.5 mm
Shaft diameter	8 mm
d3 thread	M08
C1	9 mm

Product description

Introducing the igubal® metal rod end, designed for high performance and durability. Made from stainless steel, it features a corrosion-resistant spherical ball and a maintenance-free inner ring made of iglidur® A181, compliant with food safety standards. This rod end is perfect for harsh environments, handling high transverse loads while remaining insensitive to dirt and dust. With its right-hand/left-hand thread and suitability for various movements, it's an ideal choice for machine tools, plant construction, and automation.

Thermal properties

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

General properties

Weight	45.58 g
thread (inner/outer)	inner 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
Rings material	igidur® A181



Mechanical properties

Max. static transverse load, short-term	1150 N
Max. static transverse load, long-term	575 N
Max. pivot angle (α)	25 °
Max. axial static load, short-term	270 N
Max. axial static load, long-term	135 N
Max. static radial tensile stress, short-term	3750 N
Max. static radial tensile stress, long-term	1875 N

Dimensions

Shaft diameter	8 mm
Ø d2	26.5 mm
d3 thread	M08
C1	9 mm
B	12 mm
h1	36 mm
l1	16 mm
l2	49.25 mm
W (width across flats)	SW13
Min. thread engagement	16 mm

Certificates and standards

