

Metallic rod end with internal thread, iglidur X inner ring

KCLM-ES-06-X-EK



Metallic rod end with internal thread, iglidur X inner ring

- Housing made of stainless steel (1.4301) or die-cast zinc
- Spherical ball made of stainless steel (1.4305)
- Maintenance-free inner ring made of iglidur X
- Temperature-resistant up to +250 °C
- Dimension series K based on DIN ISO 12240
- With stainless steel spherical cap for high transverse loads

Product description

Discover the igubal KCLM-G and KCRM-G metallic rod ends, designed for high loads and high temperatures. Featuring a robust stainless steel housing and spherical ball, these rod ends provide exceptional breaking strength and misalignment compensation. The innovative iglidur G inner ring ensures maintenance-free operation with a solid lubricant for dry running. Ideal for various industries, these rod ends are perfect for dynamic swivel, tilting, and rotary movements. Choose reliability and performance with the KCRM-ES-06-G-EK.

Thermal properties

Max. long-term application temperature	250 °C
Max. short-term application temperature	315 °C
Lower application temperature	-100 °C

General properties

Weight	23.732 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® X



Mechanical properties

Max. static transverse load, short-term	600 N
Max. static transverse load, long-term	300 N
Max. pivot angle (α)	29 °
Max. axial static load, short-term	200 N
Max. axial static load, long-term	100 N
Max. static radial tensile stress, short-term	2200 N
Max. static radial tensile stress, long-term	1100 N

Dimensions

Shaft diameter	6 mm
Ø d2	22 mm
d3 thread	M06
C1	7 mm
B	9 mm
h1	30 mm
l1	13 mm
l2	41 mm
W (width across flats)	SW10
Min. thread engagement	13 mm