

Metallic rod end with external thread, iglidur X inner ring

KALM-ES-06-X-EK



Metallic rod end with external 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 KALM-X and KARM-X metallic rod ends, designed for high loads and temperatures. With a robust stainless steel housing and spherical ball, these rod ends provide a reliable alternative to traditional options. The maintenance-free iglidur X inner ring ensures smooth operation, while its temperature resistance from -100°C to +250°C makes it perfect for demanding applications. Ideal for various industries, they effectively transmit dynamic forces in swivel, tilting, and rotary movements.

Thermal properties

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

General properties

Weight	19.302 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
Rings material	igidur® X



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	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	36 mm
l1	21 mm
l2	47 mm
Min. thread engagement	13 mm