

Metallic rod end with external thread, iglidur G inner ring

KALM-ES-06-G-EK



Metallic rod end with external thread, iglidur G 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 G
- Dimension series K based on DIN ISO 12240
- With stainless steel spherical ball for high transverse loads

Product description

Discover the igubal KALM-G and KARM-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 KARM-ES-06-G-EK.

Thermal properties

Max. long-term application temperature	130 °C
Max. short-term application temperature	220 °C
Lower application temperature	-40 °C

General properties

Weight	19.3725 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® G



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	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. thread engagement	13 mm