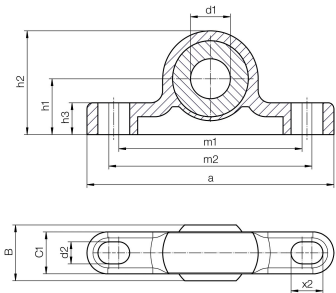


igubal® pillow block bearing, KSTM

KSTM-10



igubal® pillow block bearing, KSTM

- Dimensional series: K, following DIN ISO 12240
- Material housing: igumid G
- Material calotte: iglidur® W300

B	14 mm
h1	14 mm
h3	7.5 mm
h2	26 mm
m	46 mm
Ø d2	5.5 mm
C1	10.5 mm
X2	8 mm
a	62 mm
Part number	KSTM-10

Product description

Discover the igubal® pillow block bearing, KSTM, designed for effortless installation and alignment compensation. Crafted from igumid G, a robust polymer, it withstands temperatures from -30 °C to +80 °C, ensuring durability in diverse environments. With maintenance-free dry operation, high rigidity, and resistance to corrosion, it's perfect for applications in plant construction, automation, and the food industry. Lightweight and vibration-dampening, this bearing excels in challenging conditions, making it an ideal choice for your machinery needs.

General properties

Spherical ball material	igidur® W300
Dimensional series	K, according to DIN ISO 12240
Max. pivot angle (α)	25 °

Manufacturing and installation tolerances

Installation tolerance d1	E10
Recommended shaft tolerance	h9
Recommended shaft roughness	0,4-0,5 µm



Mechanical properties

Max. static radial tensile stress, short-term	1 500 N
Max. static radial tensile stress, long-term	750 N
Max. axial static load, short-term	500 N
Max. axial static load, long-term	250 N
Max. pivot angle (α)	25 °
Maximum tightening torque, fastening	2.5 Nm

Dimensions

m	46 mm
a	62 mm
Shaft diameter	10 mm
h1	14 mm
h2	26 mm
h3	7.5 mm
C1	10.5 mm
x2	8 mm
B	14 mm
d2	5.5