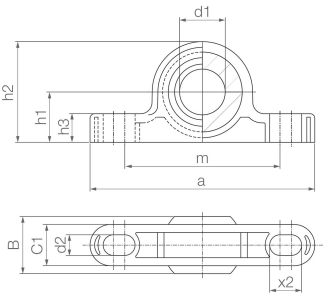


Pillow block bearing, KSTI, igubal®
KSTI-05



Pillow block bearing, KSTI, igubal®

- Dimensional series: K following DIN ISO 12240
- Housing material: igumid G
- Material of spherical ball: iglidur® W300
- Maintenance-free dry operation
- High rigidity
- Very high durability in varying loads
- Compensation of misalignment and edge loads
- Resistant to corrosion and chemicals
- High vibration-dampening
- Suitable for rotating, oscillating and linear movements
- Very lightweight
- Time saving through fast assembly

B	0.437 in
h1	0.43 in
h3	0.236 in
h2	0.824 in
C1	0.312 in
X2	0.28 in
a	1.95 in
Part number	KSTI-05

Product description

Discover the igubal® Pillow Block Bearing from KSTI, designed for effortless installation and exceptional performance. Made from impact-resistant igumid G, this lightweight bearing handles temperatures from -30 °C to +80 °C, ensuring durability in various environments. Its low-friction iglidur® W300 ball allows for maintenance-free dry operation, perfect for applications in automation, food industry, and more. Enjoy high rigidity, corrosion resistance, and the ability to compensate for misalignment, making it a reliable choice for your projects.

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	800 N
Max. static radial tensile stress, long-term	400 N
Max. axial static load, short-term	400 N
Max. axial static load, long-term	400 N
Max. pivot angle (α)	25 °
Maximum tightening torque, fastening	0.8 Nm

Dimensions

m	1.35 in
a	1.95 in
Shaft diameter	0.3125 in
h1	0.43 in
h2	0.824 in
h3	0.236 in
C1	0.312 in
B	0.437 in