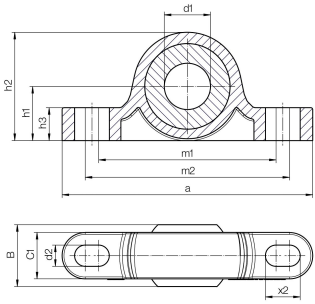


igubal® pillow block bearing

KSTM-06-CL



igubal® pillow block bearing

- Dimensional series: K, following DIN ISO 12240
- Material housing: igumid G
- 30% higher tensile strength compared to KSTM due to bionic design
- Faster delivery times and approx. 10% cheaper than KSTM

|                |        |
|----------------|--------|
| B              | 9 mm   |
| h1             | 10 mm  |
| h3             | 5.5 mm |
| h2             | 18 mm  |
| m              | 33 mm  |
| Ø d2           | 4.5 mm |
| Shaft diameter | 6 mm   |
| C1             | 7 mm   |
| x2             | 6 mm   |
| a              | 43 mm  |

Product description

Discover the igubal® pillow block bearing, designed for easy mounting and superior performance. Crafted from impact-resistant igumid G polymer, it withstands temperatures from -30 °C to +80 °C. This bearing compensates for misalignments, ensuring durability with 30% higher strength than traditional options. Enjoy maintenance-free dry running and corrosion resistance, making it ideal for plant construction, automation, mechanical engineering, and more. Experience efficiency and reliability with the igubal® pillow block bearing.

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 | 950 N  |
| Max. static radial tensile stress, long-term  | 475 N  |
| Max. axial static load, short-term            | 250 N  |
| Max. axial static load, long-term             | 125 N  |
| Max. pivot angle (α)                          | 36 °   |
| Maximum tightening torque, fastening          | 1.3 Nm |



Dimensions

|                |        |
|----------------|--------|
| m              | 33 mm  |
| a              | 43 mm  |
| Shaft diameter | 6 mm   |
| h1             | 10 mm  |
| h2             | 18 mm  |
| h3             | 5.5 mm |
| C1             | 7 mm   |
| x2             | 6 mm   |
| B              | 9 mm   |
| d2             | 4,5    |

General properties

|                         |                               |
|-------------------------|-------------------------------|
| Material                | igumid G                      |
| Spherical ball material | iglidur® W300                 |
| Dimensional series      | K, according to DIN ISO 12240 |
| Max. pivot angle (α)    | 36 °                          |