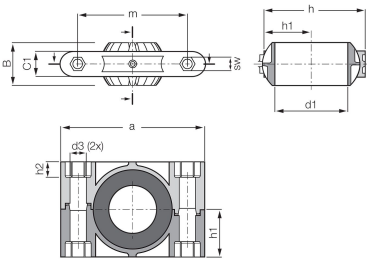


Pillow block bearing, KSTM-GT, igubal®

KSTM-GT40-GT



Pillow block bearing, KSTM-GT, igubal®

- Dimensional series: K following DIN ISO 12240
- Housing material: RN33
- Material of spherical ball: iglidur® J
- Fitting is easy on site and makes handling of heavy shafts unnecessary
- Maintenance-free, dry operation
- For high static loads
- Mounting: M12
- Lightweight
- High rigidity and durability
- Predictable service life
- Quick assembly saves time

B	48.5 mm
h1	39.5 mm
h2	12.6 mm
C1	29.5 mm
a	120.5 mm
Part number	KSTM-GT40-GT

Product description

Discover the KSTM-GT Pillow Block Bearing from igubal®. This easy-to-install bearing unit is designed to compensate for misalignments while ensuring high rigidity and durability. Made from RN33 material, it offers excellent dimensional stability and a high surface finish. The iglidur® J spherical ball ensures low friction and maintenance-free operation. Ideal for applications in plant construction, automation, and the food industry, it promises a predictable service life and quick assembly without the need for shaft removal.

General properties

Spherical ball material	igidur® J
Dimensional series	K, according to DIN ISO 12240
Max. pivot angle (α)	24 °

Manufacturing and installation tolerances

Installation tolerance d1	E10
Recommended shaft tolerance	h9
Recommended shaft roughness	0,1-0,3 µm



Mechanical properties

Max. radial static pressure load, short-term	11000 N
Max. radial static pressure load, long-term	5500 N
Max. axial static load, short-term	2500 N
Max. axial static load, long-term	1250 N
Max. pivot angle (α)	24 °
Max. tightening torque through spherical ball	5 Nm
Maximum tightening torque, fastening	15 Nm

Dimensions

h	79 mm
m	91 mm
a	120.5 mm
Shaft diameter	40 mm
h1	39.5 mm
h2	12.6 mm
Ø d3 (Flange)	13.5 mm
C1	29.5 mm
B	48.5 mm