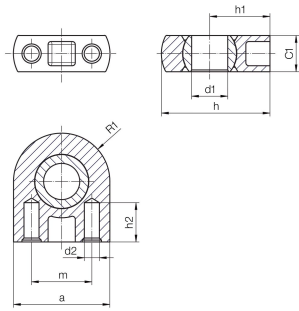


Pillow block bearing, slim line, ESTM SL, igubal®

ESTM-06-SL



Pillow block bearing, slim line, ESTM SL, igubal®

- Dimensional series E following DIN ISO 12240
- Housing material: igumid G
- Spherical ball material: iglidur® J
- Extremely lightweight
- Extremely space-saving
- With M3 thread or hole for self-tapping screws
- Time saving through fast assembly

R1	8 mm
h1	10 mm
h2	6.5 mm
C1	6 mm
a	16 mm
Part number	ESTM-06-SL

Product description

Introducing the igubal® Pillow Block Bearing, slim line ESTM SL, designed for effortless installation and alignment compensation. Made from igumid G, a robust polymer, it withstands temperatures from -30 °C to +80 °C. The iglidur® J spherical ball ensures low friction and moisture absorption, perfect for low-load applications. Lightweight and space-saving, this maintenance-free bearing is ideal for plant construction, automation, and the food industry. Enjoy a predictable service life and quick assembly with M3 thread compatibility.

General properties

Spherical ball material	igidur® J
Dimensional series	E, according to DIN ISO 12240
Max. pivot angle (α)	17 °

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	1400 N
Max. radial static pressure load, long-term	700 N
Max. static radial tensile stress, short-term	1500 N
Max. static radial tensile stress, long-term	750 N
Max. static transverse load, short-term	900 N
Max. static transverse load, long-term	450 N
Max. axial static load, short-term	150 N
Max. axial static load, long-term	75 N
Max. pivot angle (α)	17 °

Dimensions

h	18 mm
m	10 mm
a	16 mm
Shaft diameter	6 mm
h1	10 mm
h2	6.5 mm
R1	8 mm
C1	6 mm
d2	2.5