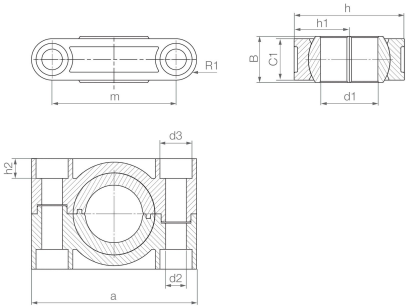


Pillow block bearing, ESTM-GT-GT, igubal®

ESTM-GT16-GT



Pillow block bearing, ESTM-GT-GT, igubal®

- Dimensional series: E following DIN ISO 12240
- Housing material: RN33
- Split spherical ball: iglidur® J for low moisture absorption
- Save time during assembly and disassembly
- Low installation space and lightweight
- High rigidity and durability
- Ideal for outdoor use
- Time saving through fast assembly

R1	6.5 mm
B	13 mm
h1	17 mm
h2	6.4 mm
m	37 mm
Ø d2	6.6 mm
C1	13 mm
h	34 mm
a	50 mm
Part number	ESTM-GT16-GT

Product description

Discover the igubal® Pillow Block Bearing, ESTM-GT-GT, designed for effortless installation and alignment compensation. Crafted from RN33 material, it ensures dimensional stability and durability, while the iglidur® J spherical ball offers low moisture absorption and friction. Perfect for outdoor use, this lightweight bearing is ideal for applications in plant construction, automation, and the food industry. Enjoy quick assembly and maintenance-free operation, making it a reliable choice for challenging environments.

General properties

Spherical ball material	igidur® J
Dimensional series	E, according to DIN ISO 12240
Max. pivot angle (α)	22 °

Manufacturing and installation tolerances

Installation tolerance d1	E10
Recommended shaft tolerance	h9
Recommended shaft roughness	01_03_mikrometer



Mechanical properties

Max. radial static pressure load, short-term	8500 N
Max. radial static pressure load, long-term	4250 N
Max. static radial tensile stress, short-term	2500 N
Max. static radial tensile stress, long-term	1250 N
Max. pivot angle (α)	22 °

Dimensions

h	34 mm
m	37 mm
a	50 mm
Shaft diameter	16 mm
h1	17 mm
h2	6.4 mm
Ø d3 (Flange)	10.6 mm
R1	6.5 mm
C1	13 mm
B	13 mm
d2	6.6