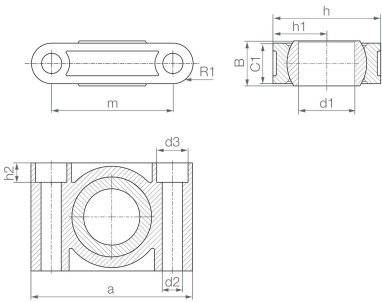


igubal® pillow block bearing, For the food industry

ESTM-10-FC



igubal® pillow block bearing, For the food industry

- Housing optically and magnetically detectable
- iglidur® A181 spherical cap FDA and EU 10/2011 compliant
- Also available with detectable iglidur® FC180 spherical cap
- Dimensional series K based on DIN ISO 12240
- In industry-standard blue colour

R1	5 mm
B	9 mm
h1	11 mm
Ø d2	5.5 mm
Shaft diameter	10 mm
C1	10 mm
a	36 mm

Product description

Discover the igubal® pillow block bearing, designed specifically for the food industry. These easy-to-mount bearing units excel in compensating misalignments and preventing edge pressure. With high radial load capacity, they are space-saving and require no maintenance or lubrication. The housing is optically and magnetically detectable, ensuring safety and compliance with FDA and EU standards. Available in a standard blue colour, the igubal® pillow block bearing is the perfect choice for reliable performance in food applications.

Manufacturing and installation tolerances

Installation tolerance d1	E10
Recommended shaft tolerance	h9

Mechanical properties

Max. radial static pressure load, short-term	3400 N
Max. radial static pressure load, long-term	1700 N
Max. static radial tensile stress, short-term	2600 N
Max. static radial tensile stress, long-term	1300 N
Max. axial static load, short-term	460 N
Max. axial static load, long-term	230 N
Max. pivot angle (α)	22 °
Maximum tightening torque, fastening	1.5 Nm



Dimensions

h	22 mm
m	26 mm
a	36 mm
Shaft diameter	10 mm
h1	11 mm
R1	5 mm
C1	10 mm
B	9 mm
d2	5.5

General properties

Material	igumid FC
Spherical ball material	iglidur® A181
Dimensional series	K, according to DIN ISO 12240
Max. pivot angle (α)	22 °

Certificates and standards

