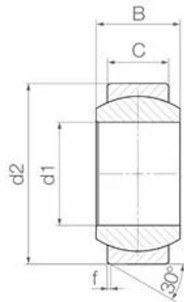


igubal® Spherical plain bearings, For the food industry

EGLM-08-FC



igubal® Spherical plain bearings, For the food industry

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

Product description

Introducing igubal® Spherical Plain Bearings, specially designed for the food industry. These innovative bearings are lightweight, robust, and easy to handle, eliminating the common issues of heavy materials and difficult installation. Made from food-safe materials compliant with FDA and EU standards, they offer excellent corrosion resistance and high vibration damping. Ideal for rotating, oscillating, and axial movements, these bearings are perfect for applications in food, beverage, and packaging industries. Choose igubal® for reliable performance and peace of mind.

General properties

Weight	1.2595 g
Housing material	igumid® FC
Spherical ball material	igidur® A181

Manufacturing and installation tolerances

Recommended shaft tolerance	h9
Recommended shaft roughness	0,1-0,3 µm

Dimensions

B	8 mm
Shaft diameter	8 mm
Ø d2	16 mm
C	5 mm
Length of chamfer (f)	0.5 mm



Mechanical properties

Max. axial static load, long-term	130 N
Max. radial static pressure load, long-term	1500 N
Max. pivot angle (α)	24 °
Max. tightening torque through spherical ball	3 Nm

Certificates and standards

