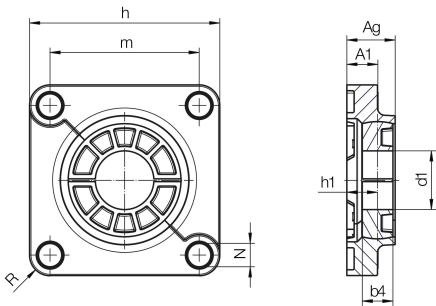
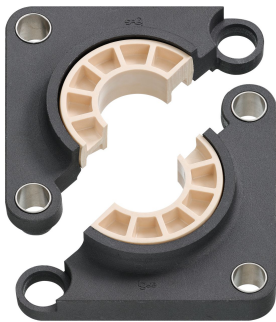


igubal® 4-hole flange bearing with bearing insert
F205-KS-J3EM-25-17-SP-TP



igubal® 4-hole flange bearing with bearing insert

- Split housing made of igumid G
- Split spherical bearing insert made of iglidur J3
- Alternative to UCF208
- Reduces downtimes due to easy mounting directly on the shaft
- Lubrication and maintenance free
- Weighs less than comparable metallic parts
- Dirt resistant

Shaft diameter	25 mm
h	95 mm
m	70 mm
R	12.5 mm
N	12 mm
Ag	26 mm
A1	16.2 mm
h1	16 mm
b4	17 mm

Product description

Introducing the igubal 4-hole flange bearing with bearing insert, a game-changer for industrial applications. This innovative solution features a split housing made of robust igumid G, allowing for easy mounting directly on the shaft, significantly reducing downtimes. With its dirt-resistant design and embedded solid lubricant, it remains maintenance-free and ensures a longer service life. Weighing less than traditional metal parts, it combines durability with performance, making it the ideal choice for challenging environments.

General properties

Dimensional series	K, according to DIN ISO 12240
Housing material	igumid G
Spherical ball material	igidur® J3
Max. pivot angle (α)	6 °
Weight	150.744 g

Manufacturing and installation tolerances

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



Mechanical properties

Max. axial static load, short-term	800 N
Max. axial static load, long-term	400 N
Max. radial static pressure load, short-term	7000 N
Max. radial static pressure load, long-term	3500 N
Max. tightening torque of hole	50 Nm
Max. pivot angle (α)	6 °
Max. pivot angle with adjusting ring	34 °

Dimensions

Shaft diameter	25 mm
m	70 mm
A1	16.2 mm
Ag	26 mm
b4	17 mm
h1	16 mm
N	12 mm
R	12.5 mm
h	95 mm

Certificates and standards

