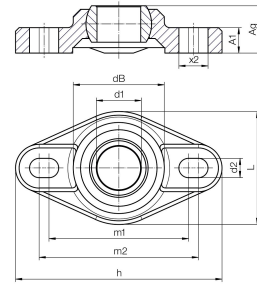


Flange bearings with 2 mounting holes, EFOI, igubal®, spherical ball iglidur® W300

**EF01-03**



## Flange bearings with 2 mounting holes, EFOI, igubal®, spherical ball iglidur® W300

- Dimensional series: E following DIN ISO 12240
- Housing material: igumid G
- Material of spherical ball: iglidur® W300 (highly wear resistant)
- Easy installation
- Compensation of misalignment
- Absolute corrosion resistance
- Lightweight
- Maintenance-free dry operation
- Quick assembly saves time

## Product description

Discover the igubal® fixed flange bearings, designed for easy installation and maintenance-free dry operation. Made from impact-resistant igumid® G, these lightweight bearings excel in temperatures from -30°C to +80°C. Featuring a low-friction iglidur® W300 spherical ball, they effectively compensate for misalignment and ensure absolute corrosion resistance. Ideal for plant construction, automation, and the food industry, these bearings are perfect for applications where access is limited or conditions are moist.

## General properties

|                                |                               |
|--------------------------------|-------------------------------|
| <b>Dimensional series</b>      | E, according to DIN ISO 12240 |
| <b>Housing material</b>        | igumid G                      |
| <b>Spherical ball material</b> | iglidur® W300                 |
| <b>Max. pivot angle (α)</b>    | 33 °                          |
| <b>Weight</b>                  | 1.859 g                       |

## Manufacturing and installation tolerances

|                             |            |
|-----------------------------|------------|
| Recommended shaft tolerance | h9         |
| Recommended shaft roughness | 0,4-0,5 μm |



## Mechanical properties

|                                              |       |
|----------------------------------------------|-------|
| Max. axial static load, short-term           | 249 N |
| Max. axial static load, long-term            | 124 N |
| Max. radial static pressure load, short-term | 747 N |
| Max. radial static pressure load, long-term  | 373 N |
| Max. pivot angle ( $\alpha$ )                | 33 °  |

## Dimensions

|                |           |
|----------------|-----------|
| Shaft diameter | 0.1875 in |
| Ø dB           | 0.551 in  |
| L              | 0.63 in   |
| m              | 0.945 in  |
| A1             | 0.177 in  |
| Ag             | 0.312 in  |
| X2             | 0.197 in  |
| N              | 0.126 in  |
| Ø dB           | 0.551 in  |
| m1             | 0.874 in  |
| m2             | 1.016 in  |