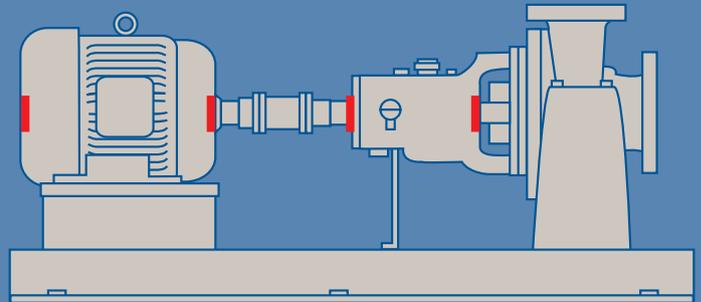




# Bearing Gard™ Bearing Isolator

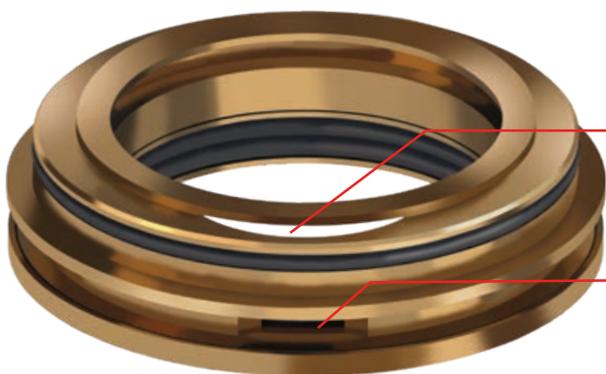
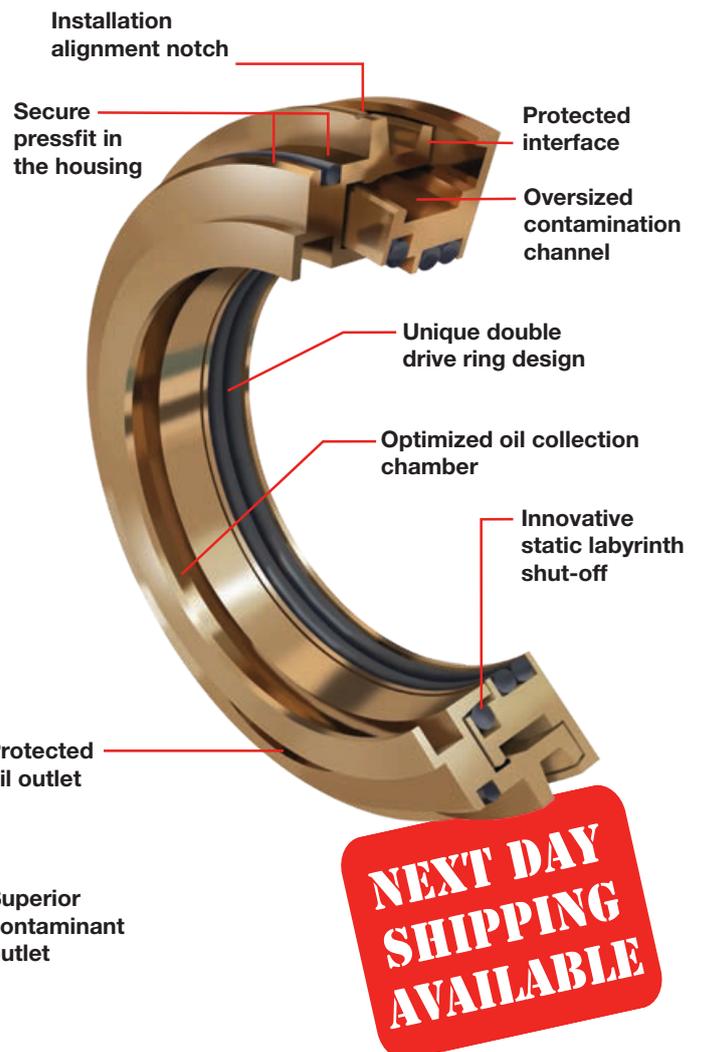
*Bearing Gard protection technology delivers reliable isolation from contamination to keep bearings running cleaner longer.*



## Designed to offer superior protection for your bearing housing

Bearing Gard bearing isolators directly assist equipment reliability by creating a strong barrier against external contamination.

- Static protection is assured by an internal O-ring between the rotor and stator.
- Dynamic protection is provided by a tortuous labyrinth that effectively repels severe environmental conditions.
- Standard design accommodates axial shaft movement of 0.63 mm (0.025 in) TIR
- Static sealing quickly transitions to non-contacting operation for consistent performance and will not wear on the shaft or equipment.
- Oil retention features work to keep oil inside the bearings and off the ground.



## Next-day shipping available

Working to keep industry running, Flowserve offers the Bearing Gard isolator with next-day shipping in Europe of equipment-specific and made-to-order designs.

We are continuously expanding our product range and custom engineered solutions. Your local Flowserve representative will guide you through the selection and ordering process.

## General guidelines for made-to-order designs with next-day shipping

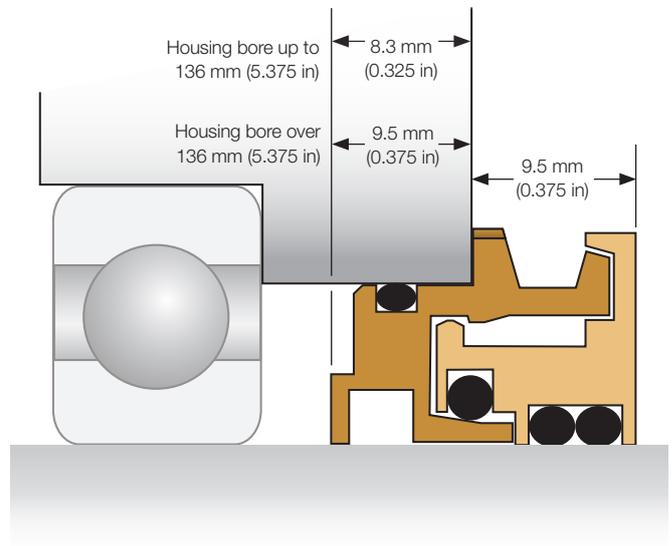
<b>Shaft diameter</b>	23 – 203 mm (0.875 – 8.000 in)
<b>Housing bore</b>	20 – 50 mm (0.750 – 2.000 in) over shaft diameter for shaft sizes up to 150 mm (6.000 in)
<b>Housing bore</b>	25 – 50 mm (1.000 – 2.000 in) over shaft diameter for shaft sizes over 150 mm (6.000 in)
<b>Axial insertion/extension</b>	See cross-section view
<b>Maximum axial movement</b>	0.63 mm (0.025 in) TIR
<b>Maximum radial runout</b>	0.13 mm (0.005 in) TIR
<b>Speed</b>	To 30 m/s (100 ft/s)
<b>Rotor and stator</b>	Bronze
<b>O-rings</b>	Fluoroelastomer
<b>Bearing lubrication</b>	Oil splash, grease, oil mist, dry lubrication, non-flooded conditions

## Bearing Gard isolators fit a wide range of rotating equipment

Typical applications include pumps, motors, gearboxes and general lip seal replacements. Equipment-specific Bearing Gard isolator designs are available or Flowserve will rapidly design a custom solution.

In addition to extensive in-house hurricane simulation testing, the Bearing Gard isolator meets or exceeds the following industry standards and certifications:

- API 610
- IEEE-841
- IP-66
- ATEX



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