

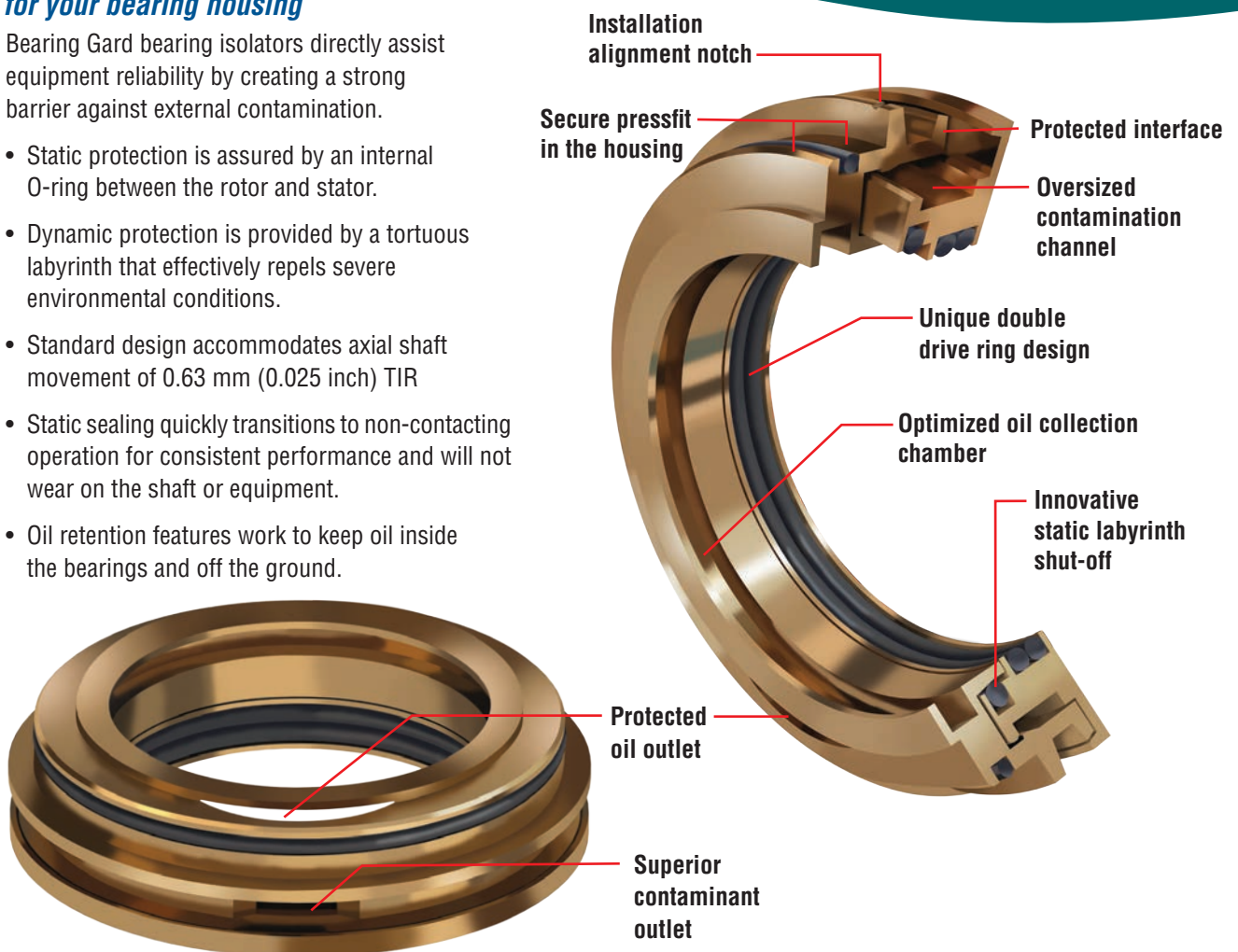
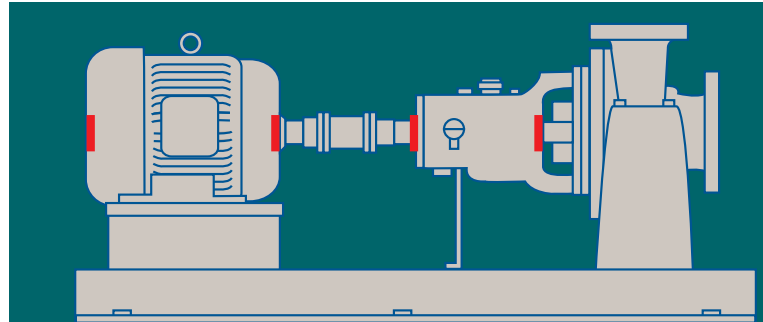
Bearing Gard™ bearing isolator

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 inch) 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.

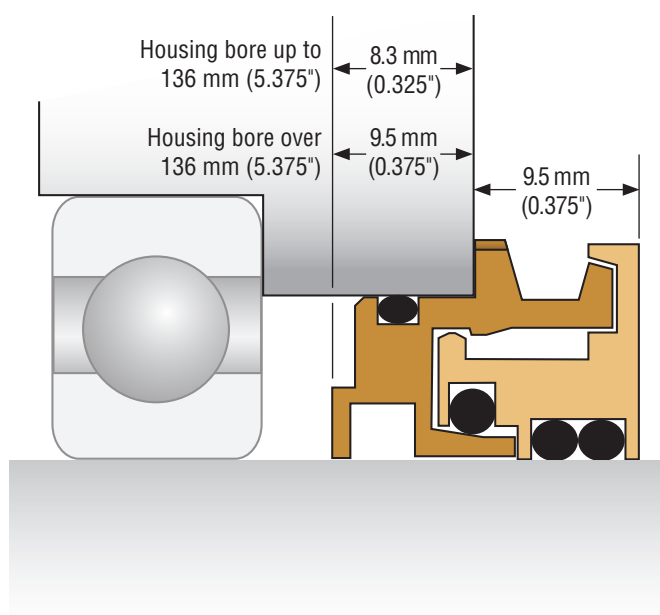


Working to keep industry running, Flowserve offers the Bearing Gard with same day shipping of equipment-specific and made to order designs

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 same day shipping

- Shaft diameter: 23 - 203 mm (0.875 - 8.000 inch)
- Housing bore: 20 - 50 mm (0.750 - 2.000 inch) over shaft diameter for shaft sizes up to 150 mm (6.000 inch)
- Housing bore: 25 - 50 mm (1.000 - 2.000 inch) over shaft diameter for shaft sizes over 150 mm (6.000 inch)
- Axial insertion/extension: see cross section view
- Maximum axial movement: 0.63 mm (0.025 inch) TIR
- Maximum radial runout: 0.13 mm (0.005 inch) TIR
- Speed: up to 30 m/s (100 ft/s)
- Rotor and Stator: Bronze
- O-rings: Fluoroelastomer
- Bearing lubrication: 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 designs are available or Flowserve will rapidly design a custom solution.

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

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

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To find your local Flowserve representative
and find out more about Flowserve Corporation visit
www.flowserve.com

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