



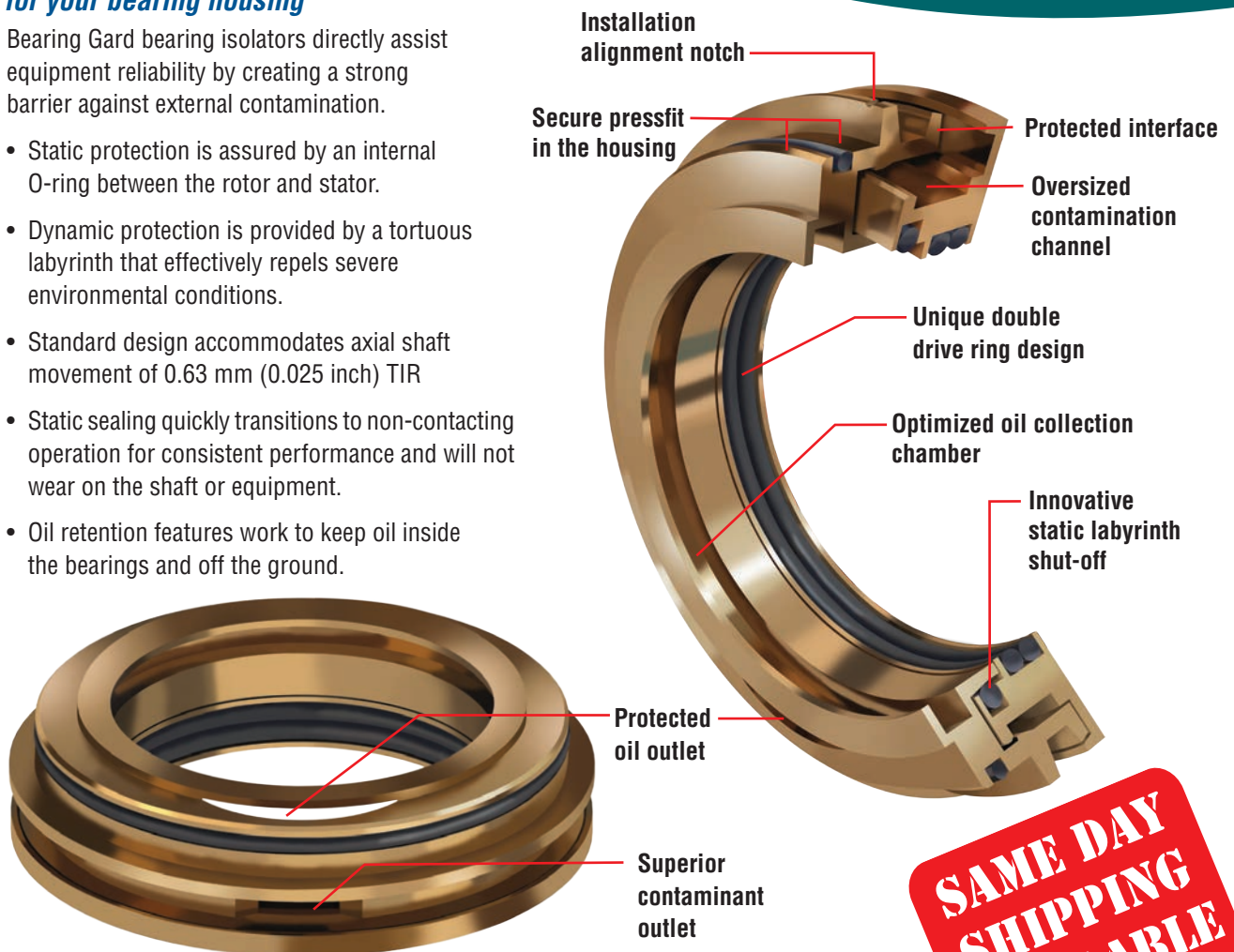
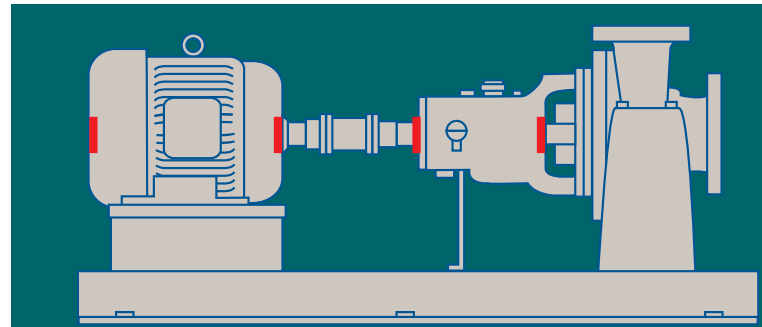
## ***Bearing Gard™ bearing isolator***

*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.



**SAME DAY  
SHIPPING  
AVAILABLE**

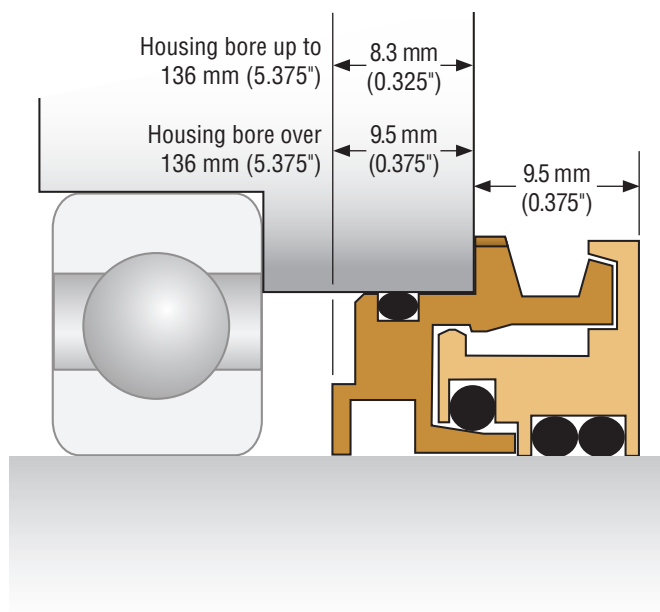
***Experience In Motion***

## ***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

FSD257eng REV 07-15 Printed in USA

**To find your local Flowserve representative**  
and find out more about Flowserve Corporation visit  
[www.flowserve.com](http://www.flowserve.com)

Flowserve Corporation has established industry leadership in the design and manufacture of its products. When properly selected, this Flowserve product is designed to perform its intended function safely during its useful life. However, the purchaser or user of Flowserve products should be aware that Flowserve products might be used in numerous applications under a wide variety of industrial service conditions. Although Flowserve can provide general guidelines, it cannot provide specific data and warnings for all possible applications. The purchaser/user must therefore assume the ultimate responsibility for the proper sizing and selection, installation, operation, and maintenance of Flowserve products. The purchaser/user should read and understand the Installation Instructions included with the product, and train its employees and contractors in the safe use of Flowserve products in connection with the specific application.

While the information and specifications contained in this literature are believed to be accurate, they are supplied for informative purposes only and should not be considered certified or as a guarantee of satisfactory results by reliance thereon. Nothing contained herein is to be construed as a warranty or guarantee, express or implied, regarding any matter with respect to this product. Because Flowserve is continually improving and upgrading its product design, the specifications, dimensions and information contained herein are subject to change without notice. Should any question arise concerning these provisions, the purchaser/user should contact Flowserve Corporation at any one of its worldwide operations or offices.

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