

ISO-GARD®

Garlock KLOZURE®

Non-Metallic Bearing Isolator

ISO-GARD® bearing isolators made entirely out of filled PTFE material offer excellent bearing protection for pumps, motors, and bearing supported industrial equipment where harsh chemicals are used for washdown or in applications where FDA compliancy is required.

BENEFITS

- » Filled PTFE construction provides excellent chemical compatibility
- » FDA compliance
- » Unitized construction will not come apart during installation
- » Meets IEEE 841 Test Standards
- » Meets NEMA MG-1
- » Available in a broad range of configurations

TYPICAL APPLICATION

Rotating equipment with harsh chemical washdown or when FDA compliancy is required

- » "Black Liquor" application in Paper mill
- » Food and Beverage industry

DESIGN PARAMETERS

- » Temperature: -22°F (-30°C) to 400°F (204°C)
- » Shaft to bore misalignment: $\pm 0.020"$ (0.51 mm)
- » Axial motion to $\pm 0.015"$ (0.38mm)
- » Surface speed to 4,500 f/m (22.9 m/s)
- » Pressure: Ambient

LABYRINTH PATH

The tortuous labyrinth path within the ISO-GARD® makes it difficult for outside contaminants to find their way into the housing.

MATERIAL OF CONSTRUCTION

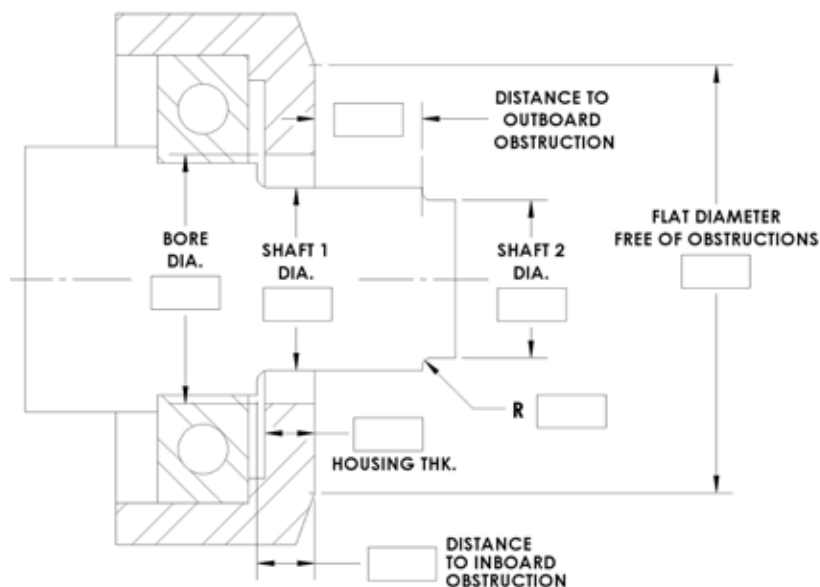
Both the rotor and the stator are designed of glass-filled PTFE providing excellent chemical resistance and FDA compliance.

FLUOROELASTOMER O-RINGS

Standard o-ring material on the rotor and stator providing the optimal compression needed for an effective seal.



GARLOCK KLOZURE ISO-GARD® BEARING ISOLATOR



All dimensions supplied to 3 decimal places.

Contact Information: Name: _____ Phone Number: _____
Email: _____

Equipment Type: ☐ Pump ☐ Motor ☐ Other: _____
Manufacturer: _____
Model Number: _____

Previous Seal Design: ☐ Oil Seal ☐ Bearing Isolator ☐ Other: _____
Seal Manufacturer: _____ Quantity Required: _____
Seal Part Number: _____

Seal Design: ☐ Solid ☐ Split
Mounting Method: ☐ Cam-Lock O-ring System ☐ Epoxy Mount ☐ Bolting Flange
Construction Material: ☐ Bronze ☐ 316 SS
Seal Purpose: ☐ Contamination Exclusion ☐ Lubricant Retention ☐ Shaft Grounding

Application Conditions

Speed: _____ ☐ RPM ☐ fpm ☐ mps
Temperature: _____ ☐ °F ☐ °C
Pressure: _____ ☐ PSI ☐ bar
TIR (total indicated runout): _____ ☐ in ☐ mm
Axial Movement: _____ ☐ in ☐ mm
Shaft Orientation: ☐ Horizontal ☐ Vertical Top ☐ Vertical Bottom
Lubrication Method: ☐ Grease ☐ Oil Sump ☐ Air-Oil ☐ Oil Mist
Media Fill Level: ☐ Below Shaft ☐ Mid Shaft ☐ Submerged Shaft
Media Manufacturer: _____
Media Product Name: _____

Notes:

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GARLOCK

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