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ISO-GARD®

Garlock KLOZURE®
Non-Metallic Bearing Isolator

KLOZURE® ISO-GARD® bearing isolators offer exceptional bearing protection for pumps, motors, and bearing supported industrial equipment under the harshest conditions.

BENEFITS

» Filled PTFE construction provides excellent chemical compatibility
» 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.
» "Black Liquor" application in paper mills
» Food and Beverage industry

DESIGN PARAMETERS

» Temperature: -22ºF (-30ºC) to 400ºF (204ºC)
» Shaft to bore misalignment: ±0.020" (0.51 mm)
» Axial motion to ±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

The rotor and the stator are both manufactured with FDA compliant filled PTFE.
FDA compliant o-rings are also available upon request.

FLUOROELASTOMER O-RINGS

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

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Palmyra, NY 14522

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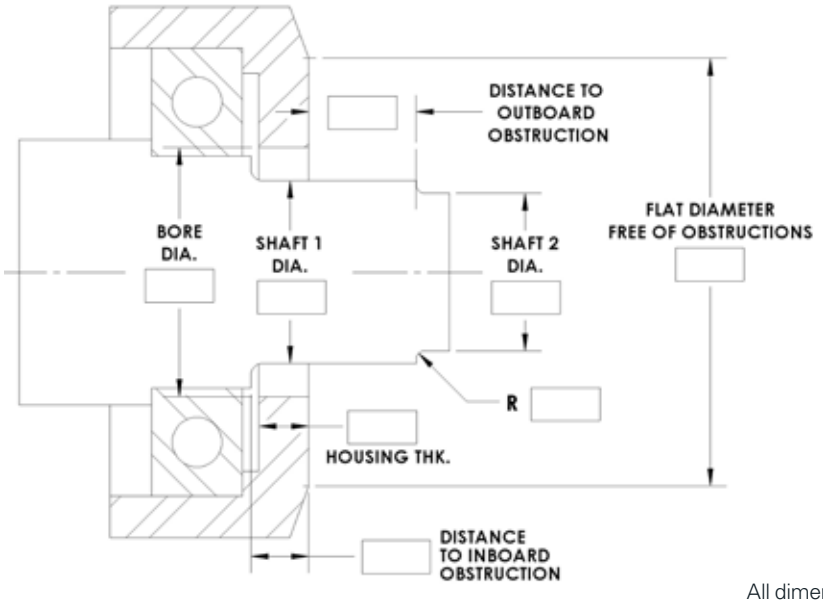
GARLOCK KLOZURE® ISO-GARD® BEARING ISOLATOR



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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