Garlock Klozure®
Surface Mounted Bearing Isolators
Specifically designed for minimal shaft to bore clearance applications

The next member to the innovative maintenance friendly Klozure bearing isolator family.
Surface Mounted bearing isolator designs eliminate the need to machine bearing housings. When bearing protection is required and time to repair equipment is critical, Garlock Klozure Surface Mounted bearing isolators provide an ideal sealing solution.

**BENEFITS**
- Universal mounting design accommodates flat metallic surfaces
- Reduces Mean Time to Repair (MTTR)
- Eliminates the requirement to machine bearing housings
- Extends bearing life by excluding external contamination & retaining bearing lubricant

**AVAILABILITY**
- Typical next day availability of solid GUARDIAN designs
- Contact Customer Service @ 1.866.KLOZURE for lead times on SGi, Micro-Tech II and Split designs

**SGI™**
- Combines protection of the Klozure GUARDIAN and AEGIS® SGR to exclude contamination, retain bearing lubricant, and grounds damaging VFD induced shaft voltage
- Conductive epoxy provides electrical contact between the SGi and the motor frame
- Split Surface Mounted SGi-180 designs offer the fastest MTTR

**GUARDIAN™**
- Engineered non-contact labyrinth design excludes contamination, IP56*
- Patented unitizing ring removes the potential for metal to metal labyrinth contact
- Split GUARDIAN Surface Mounted designs offer the fastest MTTR

**EQUIPMENT**
- VFD driven Motors (SGi)
- Motors
- Pumps
- Gearboxes
- Split Pillow Blocks

**MICRO-TEC® II**
- Provides same exclusion and retention protection as the GUARDIAN, IP56*
- Microcellular foam provides extra protection against airborne particulate
- Split Surface Mounted MT-180 designs offer the fastest MTTR
GARLOCK KLOZURE SURFACE MOUNTED BEARING ISOLATOR APPLICATION DATASHEET

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: ____________________________
Seal Part Number: ____________________________
Quantity Required: ____________________________

Seal Design: □ Solid □ Split □ Other: ________________
Mounting Method: □ Press Fit □ Epoxy Mount □ Bolting Flange
Construction Material: □ Bronze □ 316 SS □ Shaft Grounding
Seal Purpose: □ Contamination Exclusion □ Lubricant Retention

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 □ Submerged Shaft
Media Fill Level: □ Below Shaft □ Mid Shaft
Media Manufacturer: ____________________________
Media Product Name: ____________________________

Notes: ____________________________

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