

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

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



EQUIPMENT

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



GARLOCK

an EnPro Industries family of companies

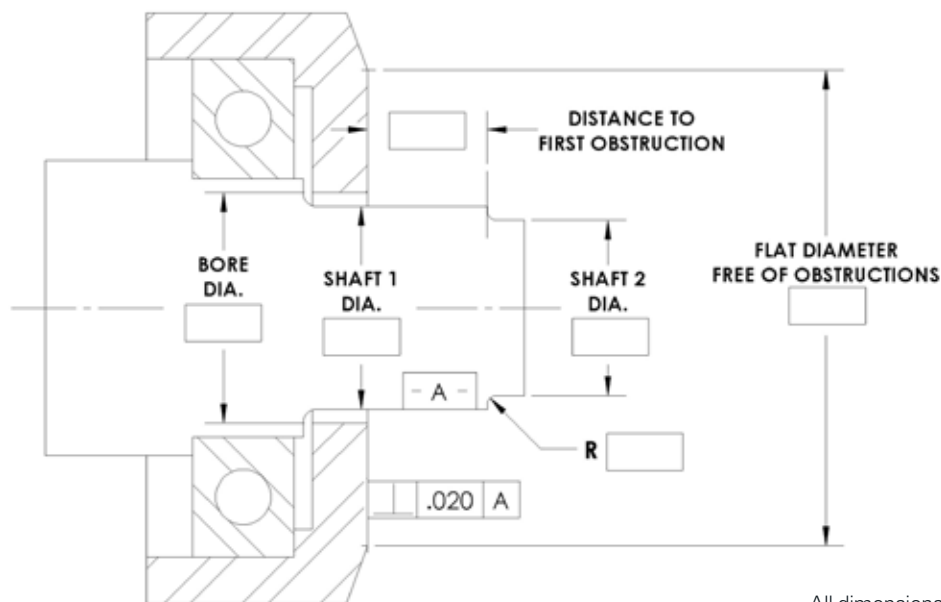
1666 Division Street
Palmyra, NY 14522

Tel: 1-877-GARLOCK / 315.597.4811

Fax: 800.543.0598 / 315.597.3216

www.garlock.com

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: _____ Quantity Required: _____
Seal Part Number: _____

Seal Design: ☐ Solid ☐ Split
Mounting Method: ☐ Press Fit ☐ 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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www.garlock.com

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