

# 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

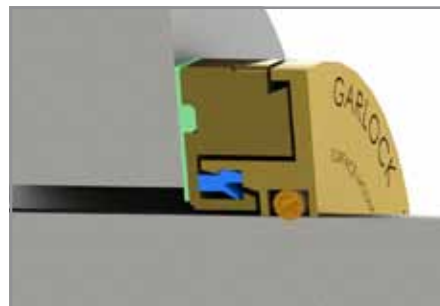
## MICRO-TEC® II

- » 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

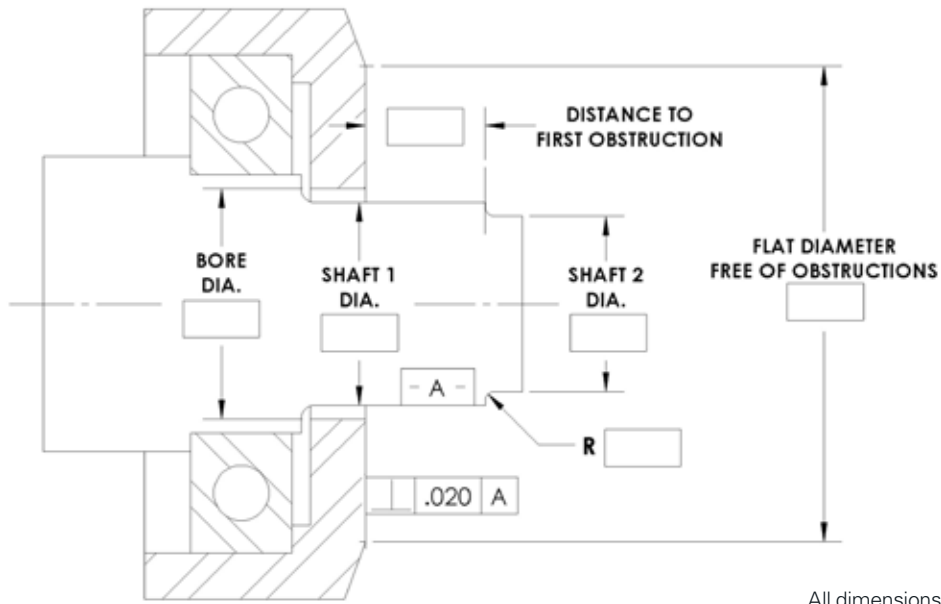


## EQUIPMENT

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



**GARLOCK 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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