

# FLOOD-GARD™

## Garlock KLOZURE® Bearing Isolator

FLOOD-GARD™ bearing isolators offer the ultimate in bearing protection, unlocking the benefits of bearing isolator technology for fully flooded applications. With its patent pending IP66 tested design, FLOOD-GARD™ is a revolutionary seal that combines improved safety and overall process efficiency, with cost savings through extended equipment and bearing life.

### BENEFITS

- » Patented seal design provides bearing protection even in the most challenging flooded environments, extending the life of rotating equipment
- » Available in standard and small cross section configurations
- » Substantially reduced installation time - NO ARBOR PRESS NEEDED
- » Handles up to .015" of misalignment
- » Handles up to .010" of axial motion
- » Patented PTFE unitizing ring eliminates metal to metal contact, while achieving an IP66 rating in most configurations

### TYPICAL APPLICATION

- » Fully flooded rotating equipment;
  - » Gearboxes
  - » Pumps
  - » Motors

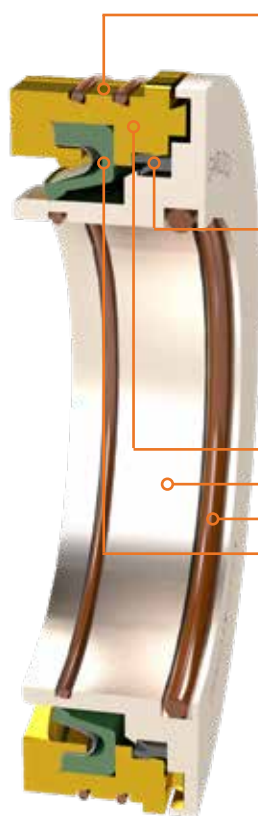
### DESIGN PARAMETERS

- » Temperature: -22°F (-30°C) to 400°F (204°C)
- » Shaft to bore misalignment: 0.015" (0.38mm) maximum
- » Axial motion up to 0.010" (0.25mm) maximum
- » Surface speed: up to 3,000 FPM max. (15.24 m/s)
- » Pressure: 7psi internal pressure

### BEARING ISOLATOR CONFIGURATIONS

Offered in various configurations for a perfect fit to your equipment.

	FLOOD-GARD™
Flanged	IP66
Small Cross Section	IP66
Split Pillow Block	IP66
Step Shaft	IP66
Vertical	IP66



### PATENTED CAM-LOCK O-RING GROOVE DESIGN

The patented Cam-Lock design of FLOOD-GARD™ provides excellent bore retention while allowing easy installation by hand, without the need for an arbor press.

### GARLOCK PATENTED UNITIZING RING

FLOOD-GARD™ bearing isolators employ a patented unitizing ring to eliminate metal-to-metal contact between the rotor and stator.

### MATERIAL OF CONSTRUCTION

- » Bronze stator
- » 316 stainless steel rotor
- » FKM o-rings
- » MILL-RIGHT® V internal seal

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