

**SAME-DAY  
SHIPPING AVAILABLE**

### Key Applications:

- Motors
- Pumps
- Fans
- Gearboxes
- Pillow Blocks
- Clinker grinders
- Pulper drives



The Inpro/Seal® Motor Grounding Seal™ (MGS®) protects against stray shaft currents and contamination ingress on severe duty applications.

Visit [www.inpro-seal.com](http://www.inpro-seal.com) to contact your local Inpro/Seal representative or request a quote for your Severe Duty application.

## TOTAL BEARING PROTECTION FOR SEVERE DUTY APPLICATIONS.

### Challenges Facing Industrial Applications

In today's industrial market, you need every competitive advantage. With energy costs on the rise, many are turning their focus to energy efficient technologies. Variable Frequency Drives (VFDs) are becoming more common due to their ability to match motor performance to load demands—generating significant cost savings.

While the use of VFD systems provides many benefits, these systems can also create harmful shaft currents that discharge through the motor's bearings and the bearings of coupled equipment. This results in expensive damage and unplanned downtime due to premature bearing failure—particularly critical in industries such as paper production, chemical processing, power generation, mining, and food and beverage.

### The Inpro/Seal® Solution

The Inpro/Seal Motor Grounding Seal™ (MGS®) is the latest development in shaft grounding technology for severe duty applications commonly found in industrial facilities. Consisting of a rotor and a stator, the Inpro/Seal MGS is a two part dynamic seal that combines patented Inpro/Seal VBXX® Bearing Isolator technology with Inpro/Seal CDR® technology to protect against stray shaft currents and contamination ingress—providing **total** bearing protection.

Inpro/Seal CDR technology is applied to the stator by utilizing proprietary conductive filaments to safely divert stray shaft currents away from the bearings by providing a low impedance path to ground. The rotor and stator use patented Inpro/Seal VBXX Bearing Isolator technology to form a non-contacting compound labyrinth seal that blocks outside contamination from entering the bearing housing. Contamination is captured in the outer labyrinth paths and expelled through a port in the stator by centrifugal force and gravity.

Supported by our industry leading service, the Inpro/Seal MGS is easy to install for quick retrofitting on existing equipment. For new installations specify the Inpro/Seal MGS to your OEM. All designs are custom engineered to fit exact specifications and provide maintenance free performance at all RPMs.



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