APPLICATION SOLUTIONS: MOTORS

Improve Motor Reliability By Increasing The Life Of Your Bearings.

Bearings, one of the most important components of electric motors, are designed to operate for many years. Yet, over 51% of motor failures are caused by bearing failure. If you want to increase reliability and MTBR throughout your plant, protect motor bearings from the most common causes of premature bearing failure – lubrication loss and contamination ingress.

Effectively seal your bearing housing with Inpro/Seal’s patented Bearing Isolator technology. The Inpro/Seal® VB45-S™ and mini66™ Bearing Isolators are IP66 rated for premium contamination protection while also ensuring lubrication retention by capturing lubricant and directing it back to the bearing housing. Their compact designs provide permanent bearing protection for your equipment without the need for modifications.

VB45-S – 0.625” Overall Length

mini66 – 0.375” Overall Length

Inpro/Seal’s unique non-contacting design provides energy savings by maximizing your motor efficiency with no added drag on the shaft.

Unscheduled downtime can be costly, but don’t worry, Inpro/Seal has you covered. We’ve streamlined our operation process to offer same day shipments, even on new designs, to get your equipment running right away.

Count on us to improve motor reliability, increase MTBR, and maximize motor efficiency. We are the trusted source of bearing isolator technology with over 30 years of knowledge and real world experience to design the right custom engineered solution for you.

FACTS AT A GLANCE

Inpro/Seal® Bearing Isolators installed on motors:

• extend the life of the motor by increasing bearing reliability
• permanently protect against contamination ingress and lubrication loss
• are non-contacting and do not negatively impact motor efficiency
• can be used in both horizontal and vertical applications
• are maintenance free and will last the lifetime of your motor
• are standard on most motors designed to meet IEEE-841 specifications
• can be shipped the same day your order is placed

www.inpro-seal.com | info@inpro-seal.com | +1 309.787.4971
Data Needed For Quote

APPLICATION: Pump  Motor  Other__________________________
CURRENT SEALING SOLUTION: Lip  Laby  Other________________
SHAFT POSITION: Horizontal  Vertical Up  Vertical Down
BEARING TYPE: Ball  Sleeve  Roller
MOUNTING: Standard Press-Fit  Flange  Other_________________
PRIMARY FOCUS: Contamination  Lube Retention  Both
LUBE: Oil (level)_____ Grease  Oil Mist  Forced Oil System
FIRST OBSTRUCTION: Step  Keyway  Other_________________
AXIAL MOVEMENT:_________________
SHAFT SPEED:_________________
MISALIGNMENT:
  Diametric Run Out Greater Than .005” TIR? Yes  No
  If yes, how much?_________________
  Shaft To Bore Misalignment Greater Than .007” TIR? Yes  No
  If yes, how much?_________________
TEMPERATURE AT SEAL: °C  |  °F  Min _________ Max _______
ENVIRONMENT:_________________
HOUSING TYPE: Solid  Split
SEAL TYPE: Solid  Split
CONSTRUCTION MATERIAL: Bronze  Stainless  Other_________
TOTAL PIECES OF EQUIPMENT:___________________________
CONTACT FOR QUESTIONS:_______________________________

Fax RFQ sheet to 309-787-6114 or email info@inpro-seal.com