APPLICATION SOLUTIONS: SLEEVE BEARING MOTORS

IMPROVE OPERATIONAL EXCELLENCE AND PROFITS.

Sleeve bearing motors are a critical asset in any industrial operation. Ineffective internal labyrinth seals allow oil to be drawn into the motor windings, coating them, degrading the insulation and causing the windings to overheat. Ineffective labyrinth seals on the drive end allow contamination to enter the bearing housing and contaminate the bearings. Both conditions lead to unscheduled downtime, expensive repair and safety issues.

Effectively seal your bearing housing with Inpro/Seal® proprietary, custom engineered solutions. Inpro/Seal solutions designed for sleeve bearing motors utilize a unique design to permanently protect the windings from oil contamination as well as protect the bearings from external contamination.

FACTS AT A GLANCE

Inpro/Seal® Bearing Isolators installed on sleeve bearing motors:

• Permanently protects motor windings and bearings
• Accommodate axial movement
• Can be split for ease of installation
• Are a direct retrofit; no housing modification on most motors
• Are maintenance free
• Improve plant safety and cleanliness
• Reduce scheduled maintenance intervals
• Are available with an air purge design for 2-Pole motors

Count on us to improve reliability, increase MTBR, and maximize asset protection and utilization. As the inventor and global leader of bearing isolator technology, Inpro/Seal has the knowledge and local sales network to deliver expert engineering and proven results.

The Inpro/Seal Unitary Bearing Isolator is designed to expel lubricant back to the bearing sump and away from the windings along with accommodating shaft rise and axial movement during start-up and shutdown.
SLEEVE BEARING MOTOR REQUEST FOR QUOTE

Data Needed For Quote

AXIAL MOVEMENT DIMENSION WITH
ROTOR THRUSTING TOWARD: ODE  DE

MEASUREMENTS: US STANDARD  METRIC  (SUPPLY ALL DIMENSIONS TO 3 DECIMAL PLACES)

SHAAF SPEED: ____________________________

SEAL LOCATION: Drive End  Opposite Drive End
Opposite Drive End Inboard

HOUSING TYPE: Solid  Split

CONSTRUCTION MATERIAL: Bronze  Stainless  Other

LUBE: Oil  Forced Oil System

HOUSING VENTED: Yes  No

TOTAL PIECES OF EQUIPMENT: ____________________________

PRESSURE BALANCE PASSAGE TO ATMOSPHERE: Yes  No

PRESSURE BALANCE PASSAGE TO SUMP: Yes  No

CONTACT FOR QUESTIONS: ____________________________

BRIEFLY DESCRIBE THE APPLICATION ____________________________

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