

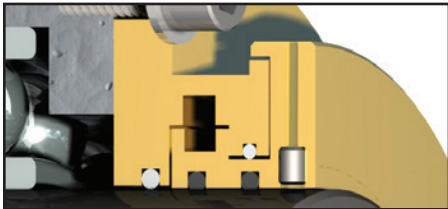


APPLICATION SOLUTIONS: **PAPER MACHINE ROLLS**

Permanent Bearing Protection Leads to Increased Reliability.

Bearings, one of the most important components on paper machine rolls, are designed to operate for many years. Yet, bearing failure is common due to high humidity and heavy washdown environments found in paper mills. If you want to increase reliability and decrease maintenance costs, permanently protect your paper machine rolls from lubrication loss and contamination ingress to prevent premature bearing failure and downtime.

Effectively seal your paper machine rolls with patented Inpro/Seal® Bearing Isolator technology. The Inpro/Seal PMR Bearing Isolator is a compound labyrinth seal developed for use with wet and dry end paper machine rolls to prevent catastrophic bearing failure and minimize unscheduled downtime by protecting bearings against contamination ingress and lubrication loss.



Inpro/Seal PMR with heavy duty flinger.

The Inpro/Seal PMR utilizes an integral heavy duty flinger that rotates with the shaft and provides high performance bearing protection by knocking away moisture and other contaminants while also creating a tortuous path against contamination ingress. For use in heavy washdown environments, a large expulsion port allows for large amounts of moisture or other contaminants to be expelled through the seal into atmosphere. Multiple drive rings protect against lubrication loss and contamination ingress traveling on the shaft.

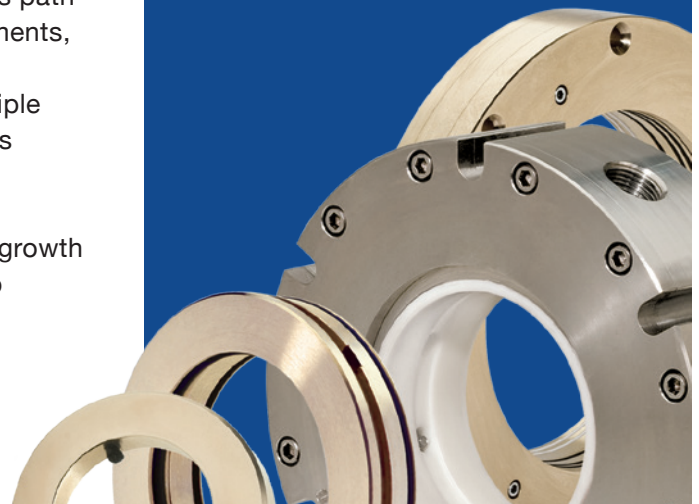
Consisting of a unitized design, the Inpro/Seal PMR allows for axial growth and up to 0.050" of radial movement, and can also be engineered to accommodate angular movement.



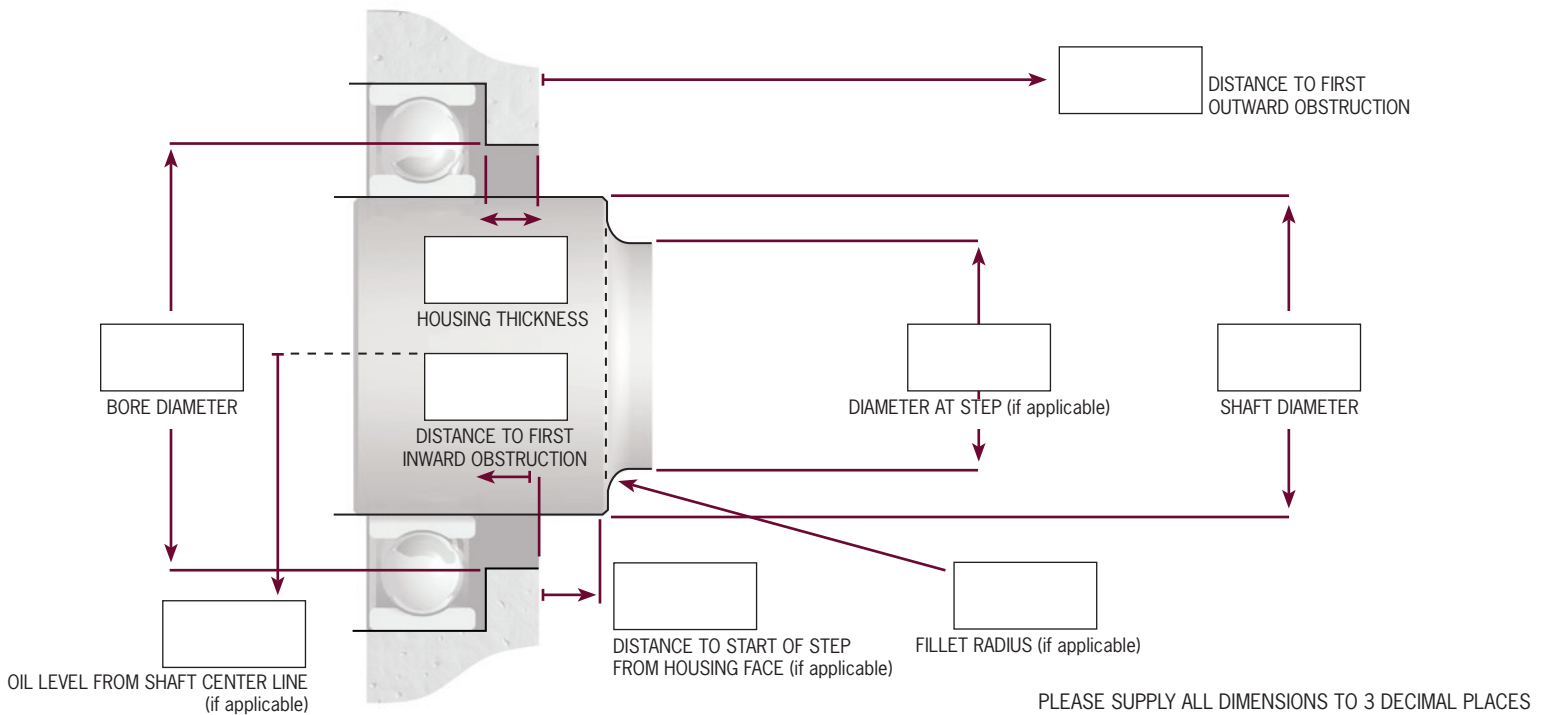
FACTS AT A GLANCE

Inpro/Seal® Bearing Isolators installed on paper machine rolls:

- increase reliability and decrease maintenance costs by providing permanent bearing protection.
- are designed for heavy washdown and high humidity environments.
- can be used for both oil and grease applications.
- are available in split designs for easy installation.
- are custom engineered to meet the requirements of your application.



PAPER MACHINE ROLL REQUEST FOR QUOTE



Data Needed For Quote

APPLICATION: Paper Machine Roll Other _____

CURRENT SEALING SOLUTION: Lip Laby Other _____

SHAFT POSITION: Horizontal Vertical Up Vertical Down

BEARING TYPE: Ball Sleeve Roller

MOUNTING: Flange (see diagram) Other _____

PRIMARY FOCUS: Contamination Lube Retention Both

LUBE: Oil (level) _____ Grease Other _____

FIRST OBSTRUCTION: Step Keyway Other _____

AXIAL MOVEMENT: _____

SHAFT SPEED: _____

MISALIGNMENT:
 Center of Bearing Isolator to center of associated bearing: _____
 Length of roll between bearings: _____
 Misalignment of one bearing relative to the other: _____

TEMPERATURE AT SEAL: °C | °F Min _____ Max _____

ENVIRONMENT: _____

HOUSING TYPE: Solid Split

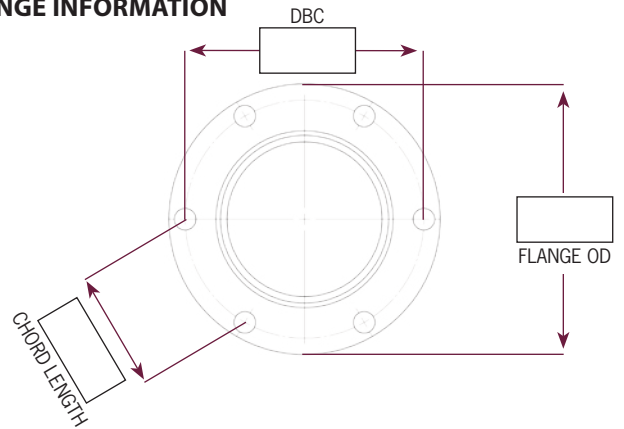
SEAL TYPE: Solid Split

CONSTRUCTION MATERIAL: Bronze Stainless Other _____

TOTAL PIECES OF EQUIPMENT: _____

CONTACT FOR QUESTIONS: _____

FLANGE INFORMATION



Number of Bolt Holes: _____

Bolt Size: _____

BRIEFLY DESCRIBE THE APPLICATION

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