SX
LABYRINTH TYPE BEARING PROTECTOR





TECHNICAL FEATURES

- Advanced labyrinth seal design.
- Non contacting, zero friction, provide bearing protection.
- Dynamic O-ring design to prevent water & vapor entering the bearing housing during equipment cooling condition.
- Zero maintenance.
- Zero power consumption.
- Labyrinth Bearing Isolator mainly made by bronze, also available in an all stainless steel construction on special request.

APPLICATION CONDITIONS

- Suitable for working conditions that comply with API 610 7th edition standard oil mist lubrication.
- Design of axial sealing ring for horizontal equipment operating at a speed of 20m/s for oil splash /grease lubrication and other linear conditions.
- To prevent oil mist lubrication leakage to the atmospheric side.

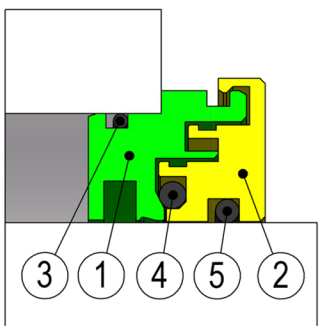
TYPICAL INDUSTRIAL APPLICATIONS

- Aviation
- Aerospace
- Iron and Steel
- Power
- Water Conservancy
- Petrochemical
- Railway
- Marine
- Mining and Geology
- Construction Machinery

PERFORMANCE CAPABILITIES

Standard Sizes	16mm-145mm(0.75"-5.875")
Typical incremental Size	1mm&0.062"
Temperature	-20 ° C ~ +180 °C
Sliding velocity	⩽ 20m/s

PRODUCT STRUCTURE DIAGRAM



THE COMPARISON CHART OF STANDARD MATERIAL

NO.	Name	Material
1	Stationary	Bronze
2	Rotary	316SS
3	O-Ring	FKM
4	O-Ring	FKM
5	O-Ring	FKM

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FBU is certified to API Q1, ISO 9001, ISO 14001