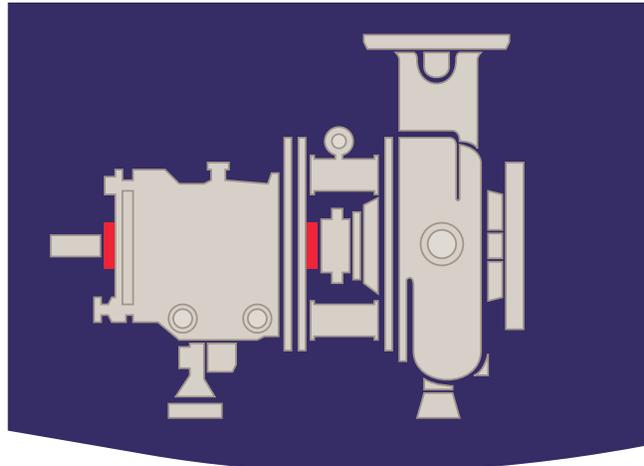


Bearing Gard II

Controlled gap bearing protection device

Advanced bearing protection technology offers bearings true protection from contamination and increases pump system mean time between failures.



Features/Benefits

- Protects bearing lubricant from outside contaminants.
- Helps prevent loss of expensive bearing lubricants.
- Helps prevent wear and fretting of expensive shafts.
- Available in inch and metric sizes.
- Various designs fit most equipment.

Materials of Construction

- Rotor and stator** Bronze, Stainless Steel, and non-metallic
Gaskets TFE-Propylene, others available

Shroud holds the rotor and stator together in a cartridge package and maintains all internal clearances.

Internal Controlled Gap Seal is formed between the inner rotor fin and the vertical surface of the outer stator fin. This very close tolerance is the ultimate defense in preventing contaminants or lubricants from moving through in either direction.

Repeller Grooves on the rotor collect and repel lubricants back to the housing through the **Oil Drain Slot**.



Rotor Fins on the outside diameter interrupt any flow of contaminant and redirect it to the discharge port.

Expeller Grooves on the rotor collect and expel contaminants back to the atmosphere through the contaminant drain slot.

Dual O-Rings stabilize rotor and help prevent flow of contaminants or lubricants between the rotor and shaft.

Close Tolerance Controlled Gap Seals inhibit contaminants from entering from the outboard side and lubricants from the inboard side.

Bearings Unprotected

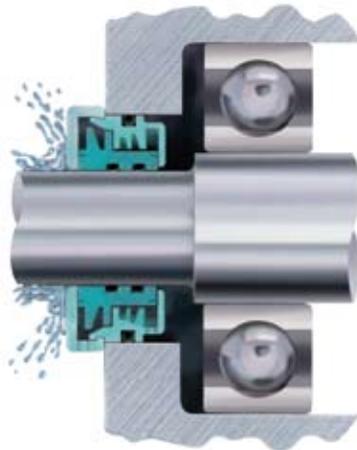
Contaminants penetrate and destroy bearings and housings.



Without a viable bearing protection device installed, contaminants such as water, corrosive liquids, and dust/dirt can enter the bearings on pumps and electric motors. Costly bearing failures, motor rewindings, and production downtime are the result.

Bearings Protected

Contaminants are repelled. The Bearing Gard II will even resist a direct stream of high pressure water or other contaminating liquid.



By installing Bearing Gard II bearing protection, bearing life can be increased to extend equipment MTBF. Bearing Gard II bearing protection is easy to install and on most equipment requires no modification. Electric motor bell housings typically require a standard machining retrofit common at most motor rebuild shops.

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