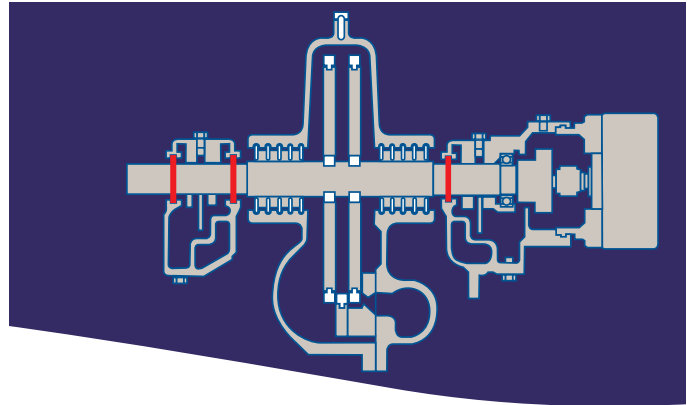




Bearing Gard™ bearing isolator for steam turbines

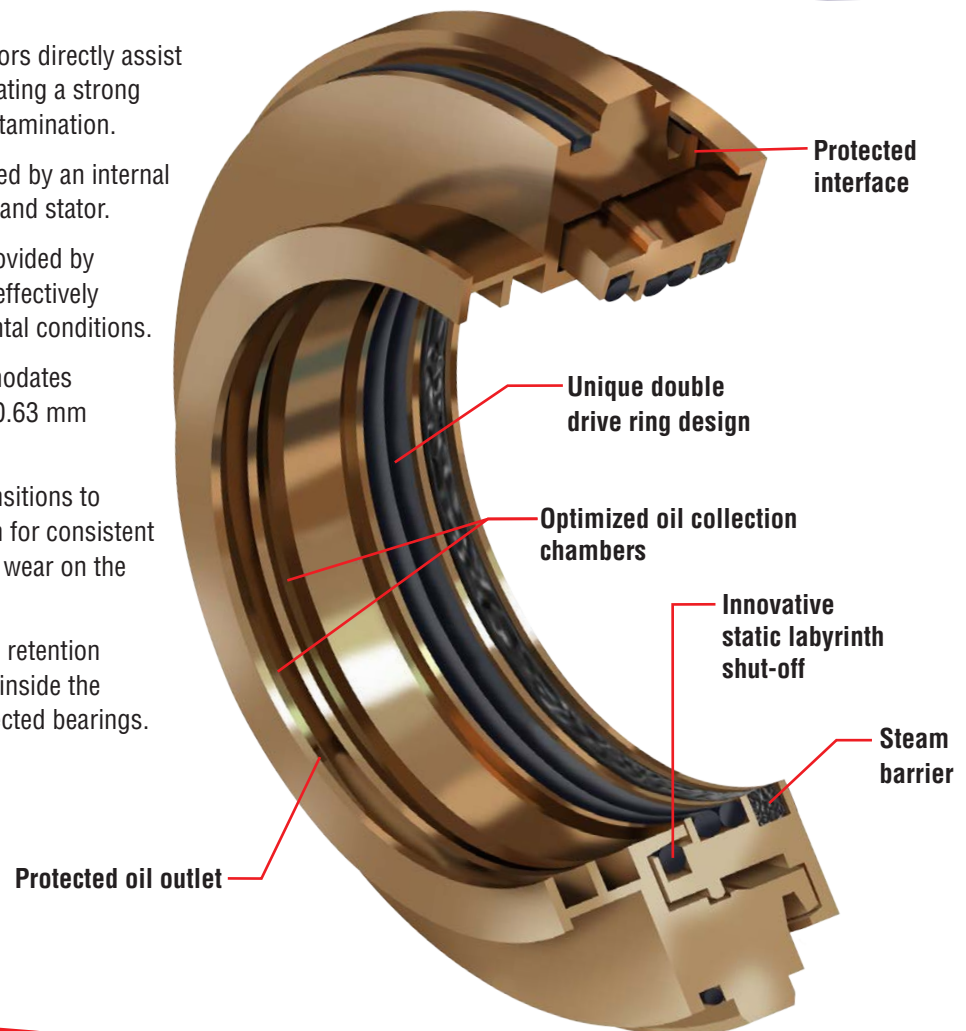
Bearing Gard protection technology delivers reliable isolation from contamination to keep bearings running cleaner longer.



Designed to offer superior protection for your steam turbine

Bearing Gard bearing isolators directly assist equipment reliability by creating a strong barrier against external contamination.

- Static protection is assured by an internal O-ring between the rotor and stator.
- Dynamic protection is provided by a tortuous labyrinth that effectively repels severe environmental conditions.
- Standard design accommodates axial shaft movement of 0.63 mm (0.025 inch) TIR
- Static sealing quickly transitions to non-contacting operation for consistent performance and will not wear on the shaft or equipment.
- Steam turbine specific oil retention features work to keep oil inside the housing even with oil injected bearings.



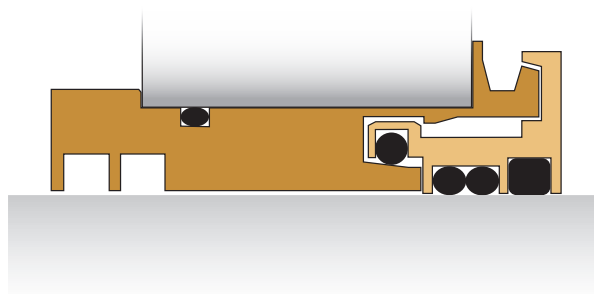
Working to keep industry running, Flowserve offers common steam turbine designs delivered from stock and custom solutions in 1 week or less.

We are continuously expanding our product range and custom engineered solutions. Your local Flowserve representative will guide you through the selection and ordering process.

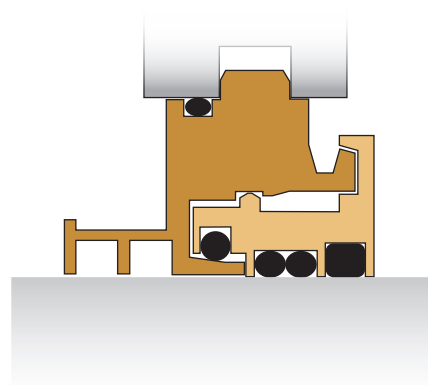
General guidelines for steam turbine designs:

- Shaft diameter: 23 - 150 mm (0.875 - 6.00 inch)
- Mounting: grooved, non-grooved or pressfit
- Maximum axial movement: 0.63 mm (0.025 inch)
- Maximum radial runout: 0.26 mm (0.010 inch)
- Maximum steam temperature: 425°C (800°F)
- Speed: up to 5000 rpm
- Rotor and Stator: Bronze
- O-rings: TFE-Propylene
- Steam barrier: graphite
- Bearing lubrication: oil splash, forced oil sleeve bearing, ring oil, non-flooded conditions

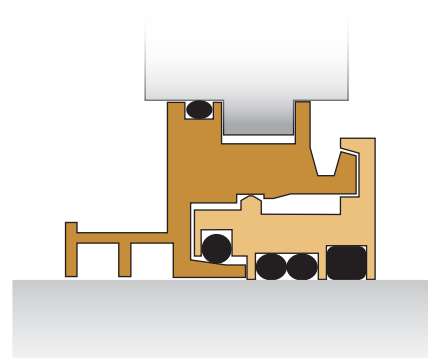
Narrow housing



Grooved housing



Non-grooved housing



FSD263eng REV 10-15 Printed in USA

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and find out more about Flowserve Corporation visit
www.flowserve.com

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