



DURABLE BY DESIGN

BEARING SEAL CONVERSION

ELLIOTT YR SERIES STEAM TURBINES

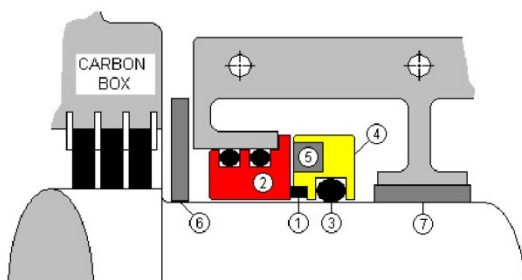


ISOMAG bearing seals stop water and condensate from contaminating your turbine oil. Isomag seals utilize proven lapped flat face sealing technology putting an end to leaky labyrinths.

Eliminate draining water from your turbine oil.

The Elliott YR family of steam turbines is a popular machine that readily accepts our bearing seal upgrade. The Isomag seals replace the OEM labyrinth seals with little or no modification required. The Isomag seals are mounted inside the bearing housing so as to place them away from the heat source and directly in the lubricating oil. We also recommend using a shaft mounted steam deflector with the inboard seals. This will further reduce the operating temperature at the seals and bearings.

ISOMAG seals are designed to last for years and never damage your turbine shaft. To insure a quality fit, Isomag seals are best installed during a complete turbine overhaul. A minor machining step may be required depending on the bearing frame casting. Please review the drawing and photograph on the back of this brochure to see how Isomag seals will fit your Elliott turbine.



1. LAPPED ROTARY FACE
2. LAPPED STATIONARY FACE
3. O-RINGS
4. ROTATING ASSEMBLY
5. RARE EARTH MAGNETS
6. STEAM DEFLECTOR
7. BEARING

ISOMAG



bekaert seals

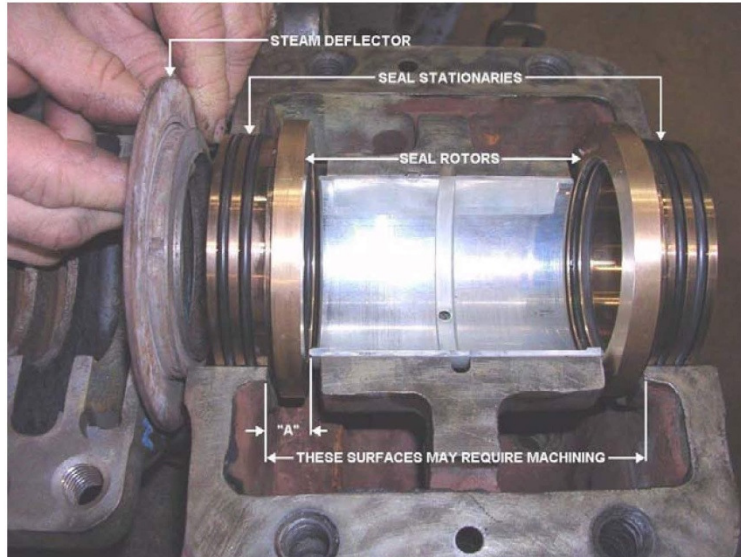
PUMPING & MIXING



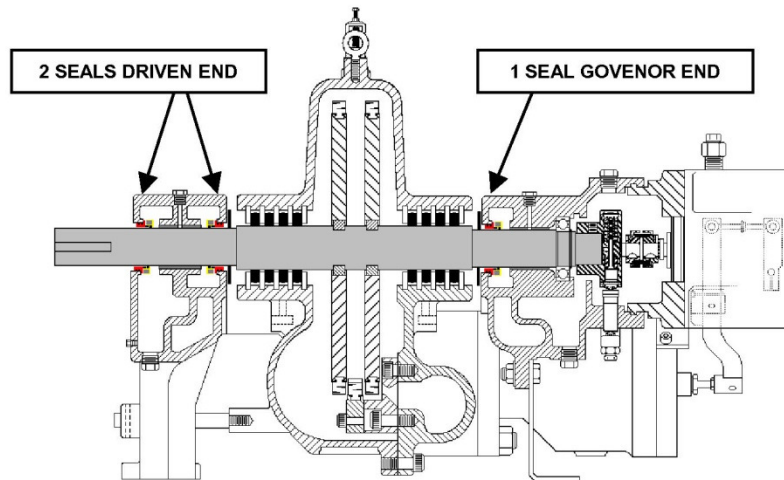
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Turbines with 1.932" dia. shaft "A" minimum = .460"
Turbines with 2.932" dia. shaft "A" minimum = .500"



ELLIOTT models AYR, BYR
1.932" dia. shaft X 2.500" housing bore
3 ea. Seals 1932RGSGPX2500 P.I.# 0001791
2 ea. Steam deflectors DEF1932-5000

ELLIOTT models CYR, DYR, DYRH
2.932" dia. shaft X 3.500" housing bore
3 ea. Seals 2932RGSGPX3500 P.I.# 0002073
2 ea. Steam deflectors DEF2932-5750



bekaert seals

PUMPING & MIXING