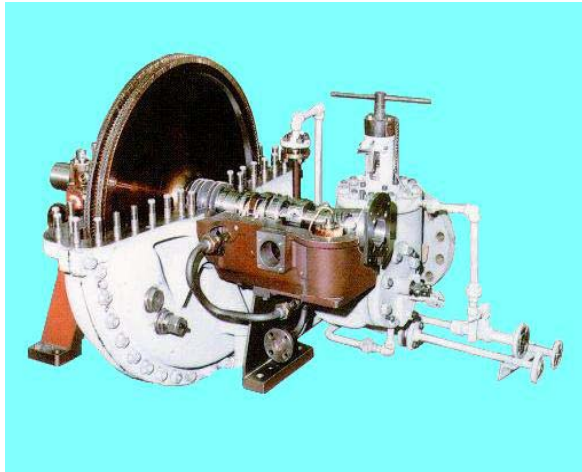




DURABLE BY DESIGN

MAGNUM - S

STEAM TURBINE BEARING SEAL

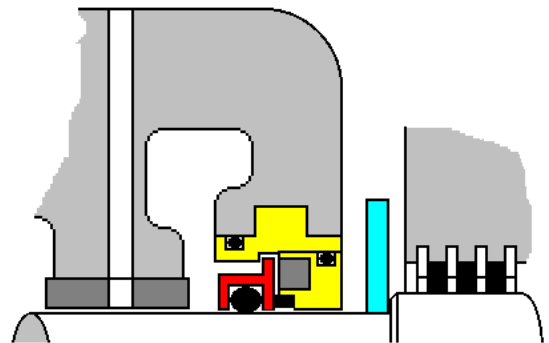


The new **ISOMAG MAGNUM-S** finally resolves the long-standing issues of oil leakage and water contamination that have plagued steam turbine bearing seals.

The **MAGNUM-S** cartridge seal will fit into most industrial steam turbines. The narrow cross section and short axial length fits into applications that were previously prevented from using precision flat face seals.

Unitized cartridge design correctly sets the seal forever. Axial rotor movement is contained within the cobalt magnetic field for the life of the seal ... Even if you move the shaft.

MAGNUM-S is a precision contact mechanical seal designed to completely seal your steam turbine power frame. The "S" features precision lapped faces and O.D. hydraulic loading to assure sealing in flooded applications. All these features are in a compact unitized assembly that installs in the same location as the OEM labyrinth seal.



MAGNUM-S

**OIL FLOODED
OIL MIST
OIL SPLASH**

**CUSTOM
BUILT TO FIT
YOUR TURBINE**

**HORIZONTAL
VERTICAL UP
VERTICAL DOWN**

**U.S. PATENTS
5,730,447 6,805,358**



ISOMAG Corp.
11871 Dunlay Ave.
Baton Rouge, LA 70809

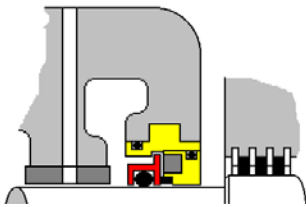
Phone: 225-752-0926
Fax: 225-756-3141
Website: <http://www.isomag.com>



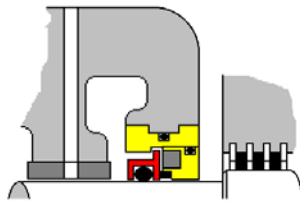
DURABLE BY DESIGN

MAGNUM - S

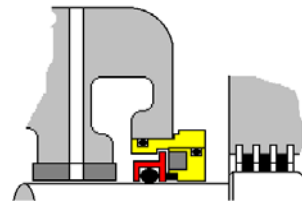
STEAM TURBINE BEARING SEAL



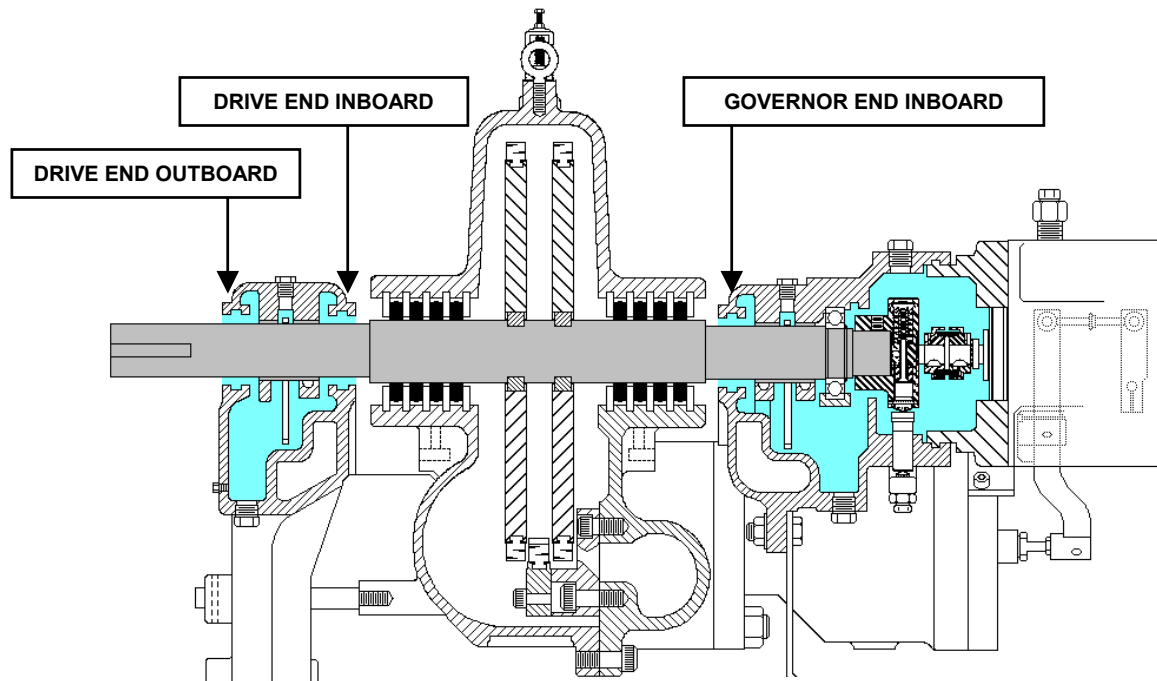
MALE TURBINE SEAL



FEMALE TURBINE SEAL



FLANGED TURBINE SEAL



SPECIFICATIONS

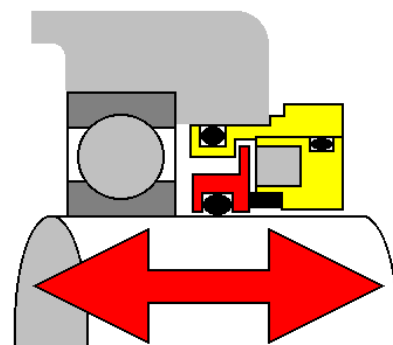
ROTARY FACE	: HT 17-4 PH
STATIONARY FACE	: TFE COMPOSITE
STATOR	: BRONZE std.
ADAPTER	: BRONZE std.
ELASTOMERS	: VITON std.
MAGNETS	: RARE EARTH

Optional materials available

MAX OPERATING CONDITIONS

OPERATING TEMP	: 300 F
PRESSURE	: 20 PSIG
SPEED Lubricated	: 12,000 FPM
SPEED Dry	: 4,000 FPM

Application data sheets available at
<http://www.isomag.com>



HANDLES AXIAL SHAFT MOVEMENT

Multi - National Distribution



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