

Bronze or stainless steel casing is not sensitive to mechanical shock or handling, or heat deformation.

Non-brittle composite promotes extremely low face drag.

MAGNUM S CARTRIDGE BEARING

The new ISOMAG Magnum S resolves the long-standing issue of leakage and installation that has plagued flooded bearing seals.

The Magnum S cartridge seal fits into narrow cross section and axial length applications that previously prevented the use of precision face seals.

Unitized cartridge design corrects the seal forever. Axial rotor motion is contained within the cobalt matrix field for the life of the seal... Even if you move the shaft.

Magnum S is a precision controlled mechanical seal designed to completely seal your power frame, gearbox, turbine, blower and more. The seal features precision lapped faces, O.D. hydraulic loading to assure sealing in flooded applications. All features are in a compact unitized assembly that installs as easily as any seal.

MAGNUM S WORKS WELL WITH:

Oil Flooded
Oil Mist
Oil Splash
Grease

IN ANY POSITION:

Horizontal
Vertical Up
Vertical Down



Eliminate shaft damage with lapped flat faces that are magnetically closed.

Patented dually retained floating stationary is self-aligning, and allows axial shaft movement without effecting face sealing.

Hardened low mass rotating face guarantees no shaft damage while maintaining a leak free seal.

Lightly loaded components for high speed sealing without heat build up.

Controlled range faces allow unlimited axial shaft movement.

ISOMAG combines labyrinth and flat face technology into an easily installed cartridge assembly.

PATENT PENDING