

H O S - H O T O I L S E A L



The **SEPCO**[®] **HOS** is a rotary designed, balanced, single spring seal capable of handling higher operating pressures and temperatures than conventional unbalanced single spring designs. Large coil springs are resistant to clogging and allow the HOS to operate successfully in hot oil applications. The seal is available for fitting both standard and oversized seal cavities.

OPERATING CAPABILITIES:

- Pressures:** Up to 400 psig
- Temperatures:** Up to 600° F, 315° C
- Speeds:** 3000 fpm
- Metal Parts:** 316 SS
- Face Materials:**
 - Rotary Face:* Carbon Graphite or Solid Nickel Bound Tungsten Carbide
 - Stationary Ring:* Silicon Carbide
- Secondary Seals:** Viton, Aflas and Kalrez 7075

Fits Narrow Stuffing Boxes

Seal sizes 1" through 1-3/8" (inclusive) require a 5/16" cross section, and sizes 1-1/2" through 2-5/8" (inclusive) require a 3/8" cross section.

Slotted Glands

The HOS design features a slotted gland that offers more versatility with bolting patterns.

Impeller Adjustments In Service

Disassembling the pump is unnecessary to make impeller clearance adjustments.

Cartridge Mounted

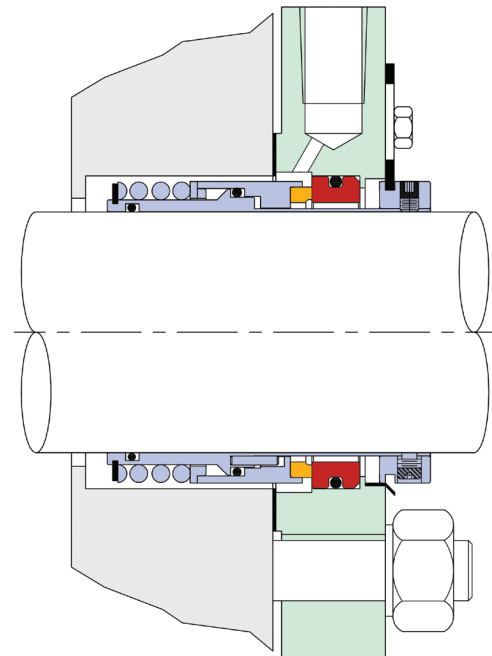
The seal is pre-assembled at the factory, mounted on its sleeve and installed in the gland for easy installation.

No Installation Measurements

Mechanics are not required to make critical installation measurements in order to install the seal.

No Shaft Fretting Wear

No shaft fretting wear occurs, because the O-ring on the shaft is static and does not move.



This information is based on data that we believe to be reliable. Since conditions of product use are outside of our control, we make no warranties, expressed or implied and assume no liability in connection with any use of this information.

Certified to ISO 9001: 2000 Standards.

Quality Fluid Sealing Solutions for Industry.