

SRS - SHORT ROTARY SEAL

The SEPCO® SRS is a single rotary unit designed for mounting internally and for general service operation on lubricating process fluids where 316SS is compatible. Several mating ring configurations and materials are available for running in conjunction with the SRS and must be specified and ordered separately.

Compact Design

The small cross-section design and short operating height permit use in all types of seal chambers without modification. SRS rotary units are designed to operate at a common axial setting of 1.375".

Hydraulically Balanced

Positive hydraulic balancing permits use in higher pressures by reducing closing loads resulting in cooler operation and extended reliability. The balance feature also reduces power consumption.

Resists Clogging

The placement of the dynamic o-ring allows it to move toward a clean surface as the seal faces wear. This allows for use on process liquids that contain suspended solids.

Isolated Multiple Springs

The multiple spring design allows for even mechanical loads and cooler operation. To prevent clogging from suspended solids, the springs are isolated from the process fluid.

Static Shaft O-ring

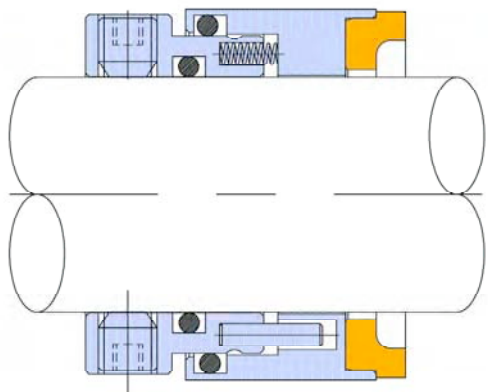
The o-ring that seals to the shaft / sleeve does not slide axially as the seal adjusts for misalignment. This prevents fretting and eliminates the need to replace expensive shafts and sleeves.

Inexpensive

The simple design reduces cost while maintaining the integrity required to provide long, trouble-free operation.



SRS - SPECIFICATIONS



Stationary seat rings must be ordered separately.
Please see page 37 for standard configurations.

Metal Parts:

Standard metal parts, set screws and drive pins: 316 SS
Standard springs: Hastelloy® C

Face Materials:

Standard: High quality chemical grade carbon-graphite
Optional: Solid nickel bound tungsten carbide

O-ring Materials:

Standard: Viton®, EPR and Aflas™
Optional: Perfluorinated Elastomers

Operating Capabilities:

Pressure: To 350 psig (24 bar g)
Temperature: -20° to 400°F (-29° to 205°C)
Speeds: 5000 fpm (25 m/s)

SEPCO®

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