

# STANDARD SINGLE CARTRIDGE SEALS

## SRC - SINGLE ROTARY CARTRIDGE SEAL

The SEPCO® SRC is a single internal cartridge-mounted rotary seal. The design is simple and loaded with design features found in more expensive seals. It is rugged and highly dependable yet cost less than most competitors' repaired units. It is designed for general service and for sealing lubricating liquids in pulp & paper, chemical processing, and wastewater treatment plants.

### Cartridge Mounted

A completely self-contained unit pre-assembled and pre-set at the factory for ease of installation and maintenance on equipment where axial adjustments are required.

### Compact

The small cross-section and short internal and external axial lengths allow for installation on equipment with small, shallow stuffing boxes as well as limited first obstruction space.

### Versatile

The slotted gland allows the seal to fit a variety of stud sizes and bolt circle diameters. It is machined for superior strength and corrosion resistance and can be easily modified for fitting restricted spaces where equipment modifications are usually required.

### Hydraulically Balanced

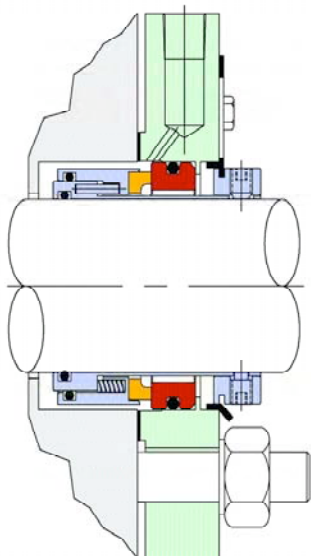
Hydraulic balancing is achieved internally and provides for operations at higher stuffing box pressures. The balance feature also allows the seal to load lighter and run cooler extending reliability and reducing power consumption.

### Isolated Multiple Springs

The multiple springs provide even mechanical loads for cooler operation and are isolated to prevent clogging from process fluids containing suspended solids.



## SRC- SPECIFICATIONS



### Metal Parts:

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

### Face Materials:

Standard: High quality chemical grade carbon-graphite and silicon carbide  
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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