

SPECIAL DUTY SEALS - DOUBLE CARTRIDGE

PRO - PROGRESSIVE CAVITY PUMP SEAL

The SEPCO® PRO is a multiple, cartridge-mounted, stationary seal designed for installation on progressive cavity pumps without having to make equipment modifications. The stationary design aligns the seal faces 90 degrees to the center-line of the shaft eliminating wear in secondary areas of the seal.

Stationary Design

This design squares the seal faces 90° to the centerline of the shaft preventing misalignment, giving better control of the parallel sealing gap and eliminating wear in secondary seal areas.

Cartridge Mounted

The PRO is a completely self-contained unit pre-assembled and pre-set at the factory for ease of installation and maintenance on equipment where axial adjustments may be required.

Versatile

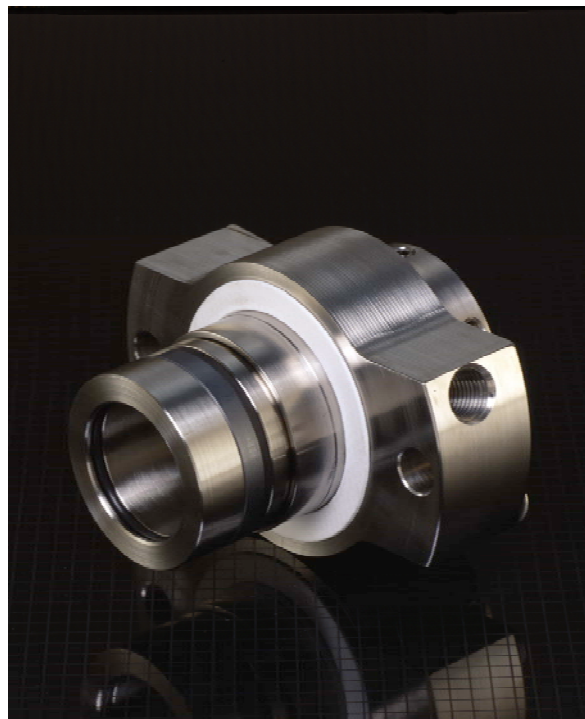
The seal gland is slotted to provide versatility for mounting and machined for superior strength and corrosion resistance. The narrow cross-section inboard design allows for installation on stuffing boxes with minimal radial space.

Reciprocal Balanced

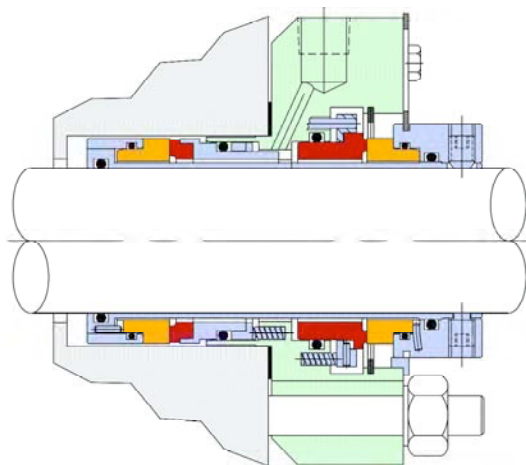
The inboard seal is balanced from both the product side as well as the flush side of the inboard seal faces. The seal can operate in either a tandem or double mode without face separation.

Multiple Springs

Multiple springs provide even mechanical loads for cooler operation and are isolated from the pumped product to prevent clogging. They are manufactured from Hastelloy® to provide superior corrosion resistance.



PRO - SPECIFICATIONS



Metal Parts:

Standard metal parts and set screws: 316 SS
Springs: Hastelloy® C

Face Materials:

Standard: High quality chemical grade carbon-graphite, solid nickel bound tungsten carbide, ceramic, and silicon carbide

O-ring Materials:

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

Operating Capabilities:

Pressure: Inboard Seal: 350 psig (24 bar g) Pressure Differential
Outboard Seal: To 150 psig (10 bar g)
Temperature: Inboard Seal: To 400°F (205°C)
Outboard Seal: To 250°F (121°C)
Speeds: 7500 fpm (38 m/s)

SEPCO®

GOODYEAR
RUBBER PRODUCTS INC.

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