SEPCO®
Sealing Equipment Products Co., Inc.

PDS

PDS Positive Displacement Seal

The SEPCO® PDS mounts externally and is a single, cartridge mounted, rotary seal designed for positive displacement pumps where viscous, abrasive, and sticky products are encountered.

CUSTOM BUILT
The seal gland can be designed to fit equipment that normally requires modifica-tions in order to fit a cartridge mounted seal. The machined gland offers excellent corrosion resistance and strength.

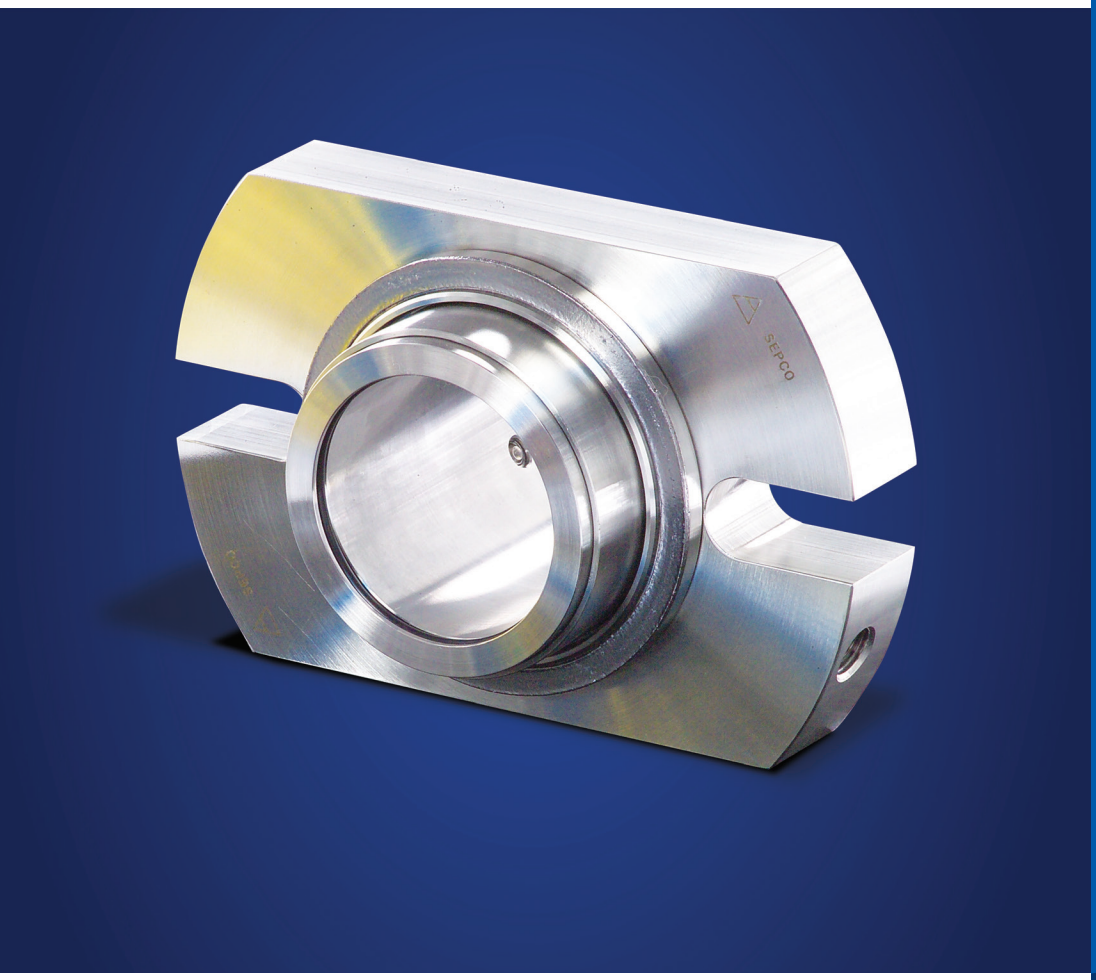
RUGGED DESIGN
The PDS is simple yet highly dependable. Drive mechanisms provide positive start up where high torque conditions are encountered.

CARTRIDGE MOUNTED
The unit is pre-assembled and pre-set at the factory for ease of installation and maintenance.

REVERSE BALANCED
The PDS is balanced to prevent face separation during extreme pressure surges. Compact The unit mounts externally and the short axial length makes it ideal for fitting equip-ment with limited first obstruction space.

ISOLATED MULTIPLE SPRINGS
Multiple springs provide even mechanical loads and are isolated from the pumped product to prevent clogging.

INEXPENSIVE
The simple design makes the PDS an inexpensive alternative for sealing positive displacement pumps. The unit is also fully repairable for a fraction of the cost of a new seal.



PDS SPECIFICATIONS

Metal Parts:
Standard metal parts and spring: 316 SS

Face Materials:
Standard: High quality chemical grade carbon-graphite and solid nickel bound tungsten carbide
Optional: Silicon carbide and 17-4PH stainless steel

O-ring Materials:
Standard: Viton®, EPR and Aflas™
Optional: Perfluorinated Elastomers

Operating Capabilities:
Pressure: To 150 psig (10 bar g) with surges up to 300 psig (21 bar g)
Temperature: -20° to 250°F (-29° to 121°C)
Speeds: 2600 fpm (13 m/s)

info@sepco.com | 800-633-4770

www.sepco.com