DTP - DOUBLE TANDEM PUMPER SEAL

The SEPCO® **DTP** is a multiple cartridge mounted seal design that is simple, rugged, and highly dependable yet cost less than most competitors' comparable repaired seals. It is suitable in all types of industries where leakage of hazardous or costly products cannot be tolerated and where positive lubrication is required from an external source without dilution of the pumped product.

Cartridge Mounted

The DTP 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 are required.

Reciprocal Balanced

The inboard seal is hydraulically balanced to permit the seal to operate in either a double or tandem mode. This allows lubrication to the inboard seal faces without separation and leakage.

Pumping Ring with Tangential Drilled Flush Connections

This feature allows the DTP to remove destructive frictional heat from the double seal cavity for cooler operation and extended reliability and makes it ideal for use on closed-loop flush systems.

Clamped-In Mating Rings

The stationary seats are clamped in allowing for higher pressure conditions and are exposed to the flow of flush liquid aiding in heat transfer and cooler operation.

Versatile

The seal gland is slotted to provide versatility in mounting and machined for superior strength and corrosion resistance. Flush connections are located to facilitate piping from the side without trapping air in the double seal cavity and causing excessive frictional heat and rapid face wear.

DTP - SPECIFICATIONS

Metal Parts:

Standard metal parts: 316 SS
Optional: Alloy 20, titanium, Hastelloy®, and low expansion alloys

Face Materials:

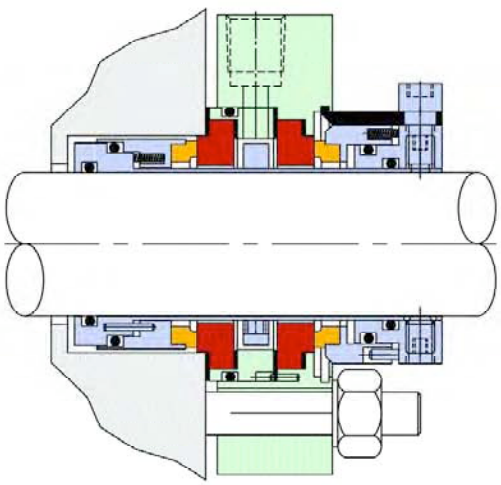
Standard: High quality chemical grade carbon-graphite and silicon carbide
Optional: Solid nickel bound tungsten carbide.

O-ring Materials:

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

Operating Capabilities:

Pressure: 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: 5000 fpm (25 m/s)



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