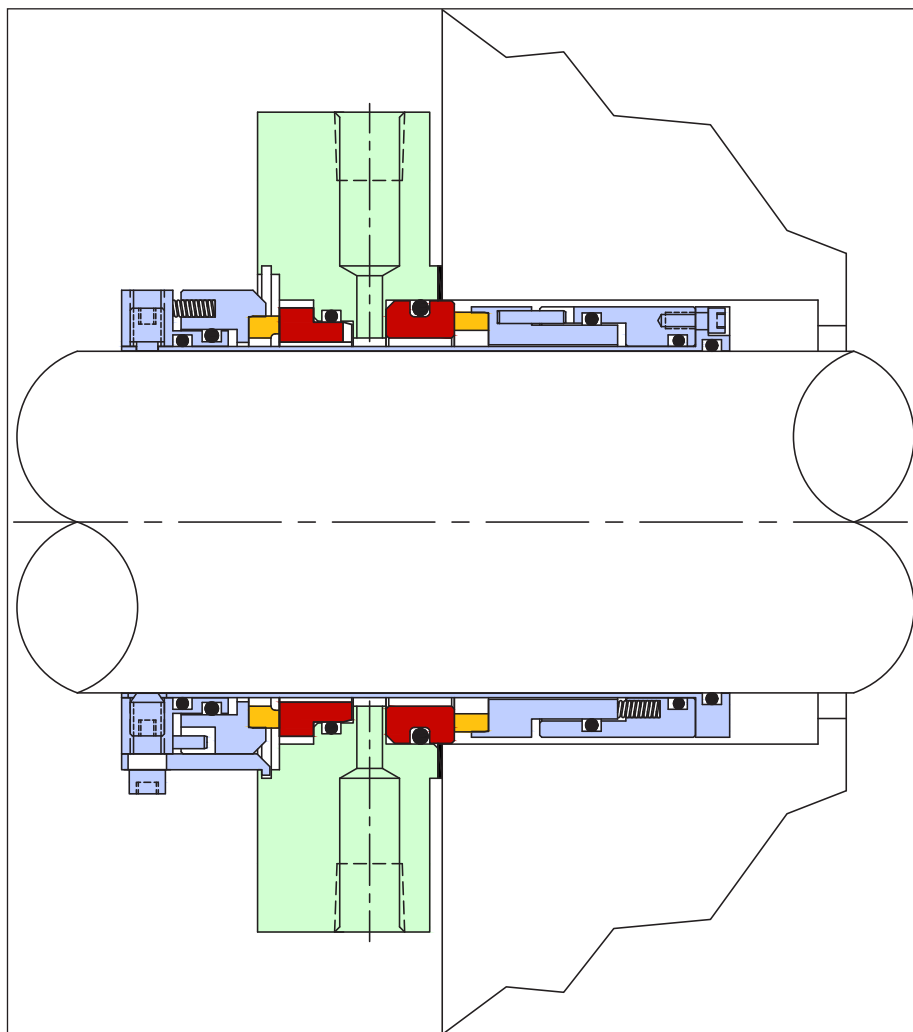


SEPCO DGS (Double Grease Seal)

The SEPCO DGS is a multiple, cartridge-mounted unit that does not require a clean liquid flush to extend seal performance. The unique design allows it to operate with a grease purge that insures adequate interfacial lubrication to minimize face wear on applications sealing abrasive slurries and process fluids operating near flash point. Removing clean liquid flushes reduces the cost and aggravation associated with setting up and maintaining closed-loop flush systems and will also eliminate costly water usage and the possibility of product dilution from external double seal flush plans. Performance results indicate the DGS uses approximately 2-ounces of grease per month based on continuous operation. The non-FDA grease that is preferred and highly recommended for use with the seal is available from Sepco along with a grade approved for use on FDA applications.



MATERIALS OF CONSTRUCTION

- Materials of Construction
- Metal Parts: 316ss
- I/B Face Material Combinations: Premium Resin Grade Carbon vs. Silicon
- Carbide, Solid Nickel-Bound Tungsten Carbide vs. Silicon Carbide, and
- Silicon Carbide vs. Silicon Carbide
- Elastomers: Aflas (standard) Viton & Perfluoroelastomer (optional)

MAXIMUM OPERATING PARAMETERS

- Temperatures: -20F (-29C) to 250F (121C)
- Pressures: to 300 psig (seal chamber pressure surges) / 60 psig (grease purge pressure)
- Speeds: 5000 fpm (25m/s)

Certified to ISO 9001:2015 Standards

This information is based on data that we believe to be reliable. Since conditions of product use are outside of our control, we make no warranties, expressed or implied and assume no liability in connection with any use of this information.
V081720

ADDITIONAL FEATURES AND BENEFITS:

Cartridge-Mounted

- Provides better control of axial and radial seal settings
- Eliminates critical installation measurements
- Speeds up installation time
- Allows for making equipment adjustment on-line

Balanced Design

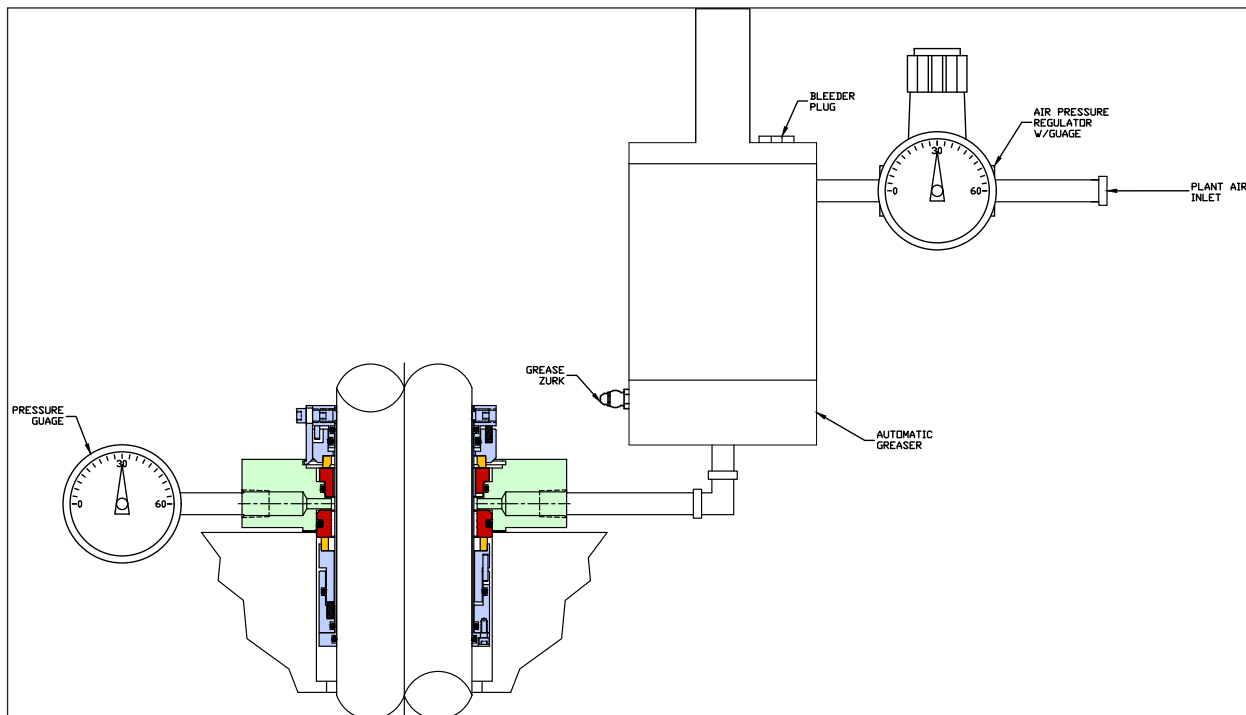
- Provides cooler operation for maximum reliability
- Reduces electrical consumption
- Allows for seal chamber pressure surges to 300 psig

Non-Clogging

- Eliminates seal hang up from process liquids containing solids
- Isolated Multiple Springs
- Provide even load for cooler operation
 - Prevents clogging
 - Reduces corrosion
- Static Shaft / Sleeve O-Ring
- Eliminates equipment wear

Field Repairable

- Provides performance consistent with a new seal
- Reduces repair and inventory costs
- Eliminates administrative costs associated with seal repair



Setting up the grease purge requires the one-time purchase of an automatic greaser manufactured from aluminum and supplied by Sepco that should be installed as shown in the schematic. Two tubes of the specified grease are also included with the greaser, however, the piping, fittings, regulator, and pressure gauges required for setting up the purge system is not included. A standard grease gun will be required to fill the purge system and compressed air or inert gas connected to provide a continuous operating pressure.