



PERFORMANCE

- Pressure : up to 2.5 MPa
- Temperature : -40°C to 320°C
- Speed : up to 20 m/s
- Size range : 20mm to 125mm
(1.0 inch to 5.0 inches)

MATERIALS

- Rotary face : SiC, TC
- Stationary face : Carbon, SiC, TC
- Spring : Alloy C-276, SS 316L
- O-ring : Silicon, EPDM, FKM, Aflas, FFKM

PRODUCT DETAILED DESCRIPTION

Type F-DSCS is designed to accommodate medium duty applications in various industries, especially difficult and arduous applications found on-site. All seal faces are monolithic construction thereby eliminating distortion in high and low temperature applications. Inboard seal faces are double balanced to ensure excellent sealing at high or low differential pressure, minimize seal face distortion to ensure stable fluid film conditions between seal faces. The unique bi-directional pumping ring design coupled with stationary deflector delivers high volumes of barrier fluid to the inboard and outboard seals in constant directions.

Design Features:

- Double hydraulically balanced seal faces.
- Reliable face drive mechanism with monolithic seal face materials.
- Unique bi-directional pumping ring coupled with stationary deflector.
- Easy-to-install cartridge design with registered fit.
- Available in standard / medium / big bore gland design.

Scopes of Application:

- Industries: Oil & Gas, Petrochemical, Chemical, Power Gen, General Industries.
- Equipment: Process Pump, Mixer, Blower.

Customization:

Changes of materials for other operating parameters are possible. Contact us with your requirements.

TYPE F-DSCS FSD-Dual Standard Cartridge Seal



