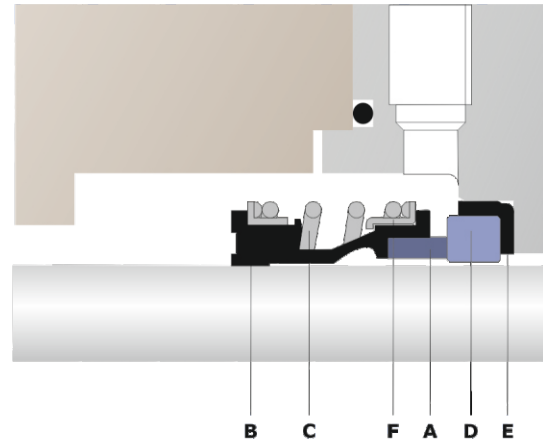




## PRODUCT DETAILS

### ELASTOMERIC BELLOW MECHANICAL SEAL



#### TYPE FS-32

- Self-adjusting to shaft misalignment and deflections because of the loosely inserted seal face.
- Ability of bellows to stretch and tighten.
- The length of the contact area of the bellow with the shaft is an optimum compromise between ease of assembly and sufficient adhesive force for torque transmission.

#### TYPE FS-32

Type FS-32 seals are widely used in refinery, Petrochemicals and chemical industries. Static o-ring is used as a secondary member. The absence of dynamic o-ring prevents possibility of seal hang-up.

#### Seal Characteristics

- Single / Double Seal
- Unbalanced
- Independent of direction of rotation
- Elastomer bellows rotating No torsion on bellows

#### Operating Parameters

- Shaft Sizes  $d_1$  : 12...70mm
- Pressure  $p$  : 7 bar (max)
- Temperature  $t$  : -20...+100 °C
- Speed  $v$  : up to 5 m/s

#### Part No. Description

A	Seal Face
B	Bellow
C	Spring
D	Stationary Seat
E	Stationary Packing
F	L Ring

#### Materials

- Seal Faces : Carbon / SIC / Tung. Carbide / Ceramic
- Metal Parts : SS304 / SS316 / CrNi Steel
- Secondary Sealing : NBR / EPDM / FKM / SILICONE

#### Applications

- General Chemicals
- Food & Beverages
- Oil applications
- Water And Waste Water