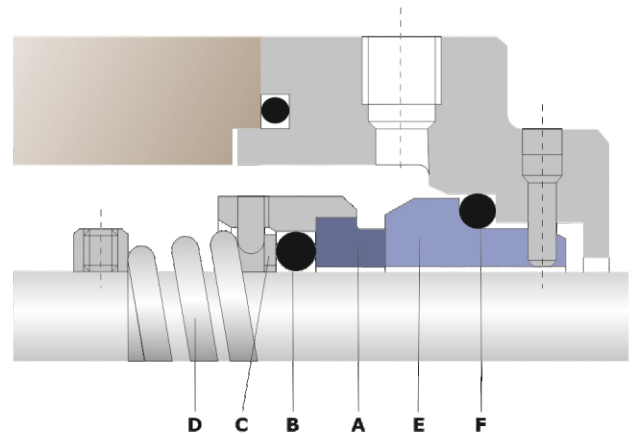




PRODUCT DETAILS

CONICAL SPRING MECHANICAL SEAL



TYPE FS-30

Type FS-30 Seals are single conical spring unbalanced seals with o-ring provided for secondary sealing. Since the Torque transmission is done by the Single coil spring the seals are dependent on the directions of rotation, Which is seen from the drive end the shaft Right handed spring and left handed springs are provided for clockwise and anticlockwise rotating Shafts respectively. These seals can carry a variety of seals faces, Serving applications in submersible, Sewage, Chemical transfer, Water pumps etc.

Seal Characteristics

- Single Seal
- Unbalanced
- Dependent on direction of rotation
- Conical Spring

Operating Parameters

- Shaft Sizes d_1 : 10...100mm
- Pressure p : 10 bar (max)
- Temperature t : -20...+180 °C
- Speed v : up to 10 m/s

Part No. Description

A	Seal Face
B	O-Ring
C	Thrusting
D	Conical Spring
E	Stationary Seat
F	O-Ring

Materials

- Seal Faces : Carbon / SIC / Tung. Carbide
- Metal Parts : SS304 / SS316
- Secondary Sealing : O-Ring / FKM / NBR / AFLAS
EPDM / PTFE / FEP / Karlez

Applications

- General Chemicals
- Sewage
- Water & Waste Water