



PRODUCT DETAILS

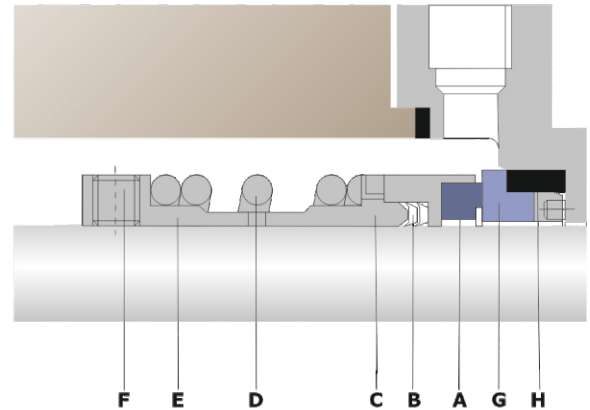
SINGLE SPRING MECHANICAL SEAL



FS-20



FS-21



TYPE FS-20 & FS-21

Type FS-20 & FS-21 are single coil spring seal developed for light contamination, Dirty media and clogging type application. The mechanical drive of this seal is realised by grub screw which lock onto the shaft. Seal is not dependent on direction of shaft rotation.

Seal Characteristics

- Single Seal
- Unbalanced / Balanced
- Helical Coil Spring
- Independent of direction of rotation

Operating Parameters

- Shaft Sizes d1 : 10...100mm
- Pressure p : 10 bar (max)
- Temperature t : -20...+200 °C
- Speed v : up to 23 m/s

Part No. Description

A	Seal Face
B	V-Packing
C	Follower Ring
D	Spring
E	Spring Sleeve
F	Grub Screw
G	Stationary Seat
H	Stationary Packing

Materials

- Seal Faces : Carbon / Ceramic / SIC / Tung. Carbide
- Metal Parts : SS316 / Hastelloy-C / Alloy Steel
- Secondary Sealing : FKM / NBR / AFLAS / EPDM
PTFE / FEP / Karlez

Applications

- General Chemicals
- Petrochemicals
- Light Hydrocarbons