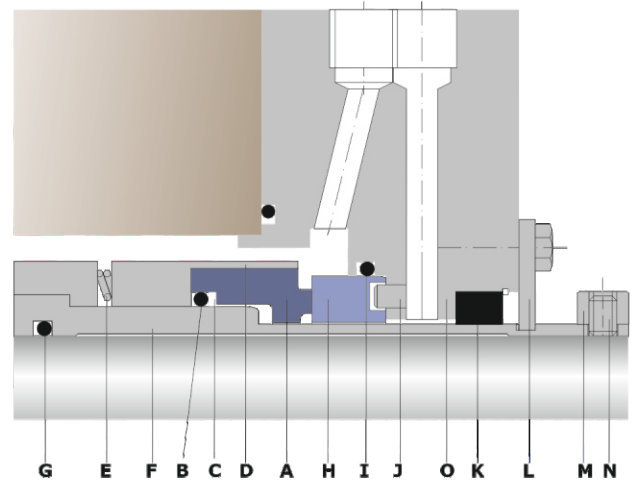




## PRODUCT DETAILS

### HEAVY DUTY CARTRIDGE MECHANICAL SEAL



#### TYPE FS-40

Type FS-40 series are designed to handle liquids of varying contamination including slurries, Sludges, Sewage, Viscous or abrasive media. The Type FS-40 cartridge seal combines the advantage of easy installation and simple maintenance with total reliability, The Compactness of the design ensure that the seal fit all ANSI and DIN stuffing boxes. This Seal is specially design for high pressure application.

#### Seal Characteristics

- Single Seal
- Balanced
- Independent of direction of rotation
- Cartridge Unit

#### Operating Parameters

- Shaft Sizes d1 : 25...150mm
- Pressure p : 70 bar (max)
- Temperature t : -20...+220 °C
- Speed v : up to 23 m/s

#### Part No. Description

A	Seal Face	I	O-Ring
B	O-Ring	J	Pin
C	Backup Ring	K	Throttle bush
D	Retainer	L	Assembly fixture
E	Spring	M	Drive Collar
F	Sleeve	N	Grub Screw
G	O-Ring	O	Gland
H	Stationary Seat		

#### Materials

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

#### Applications

- Main Oil Pipeline
- Water Injection Pumps
- Boiler Feed Water Pumps