

### TYPE LHSC

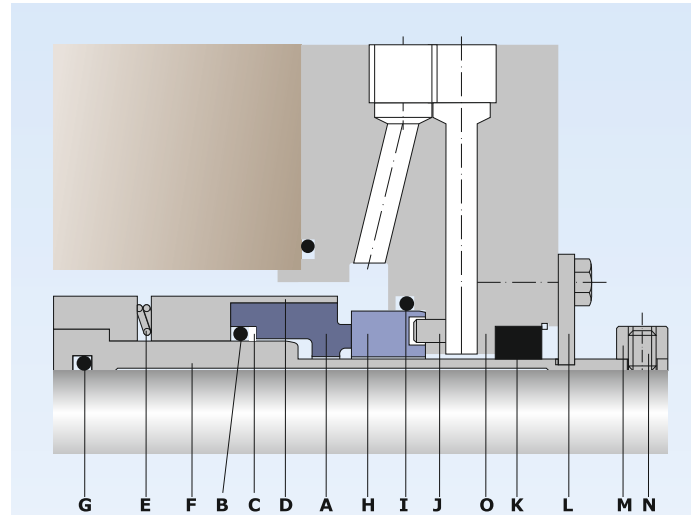
Type LHSC series are designed to handle liquids of varying contamination including slurries, sludges, sewage, viscous or abrasive media. The Type LHSC Cartridge Seal combines the advantage of easy installation and simple maintenance with total reliability. The Compactness of the design ensure that the 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	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, Carpenter 20
- ▶ Sec. Sealing : O-ring / Packing

#### Applications

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