

SPI-M195

Multiple Spring Mechanical Seal
Technical Data Sheet



Features

Double seal
Unbalanced
Bi-directional
Multiple springs
PTFE wedge ring
DIN 24960 Standard

Dual mechanical seal type SPI-M195 with reliable performance and wide range of seals working pressure. it is frequently used in chemical industry, paper industry and other rotating equipment.

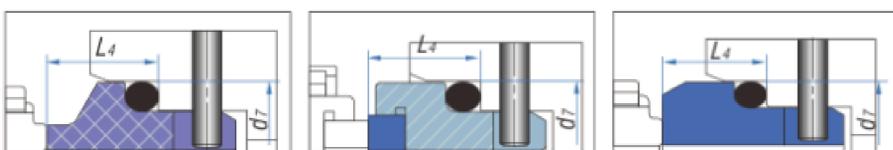
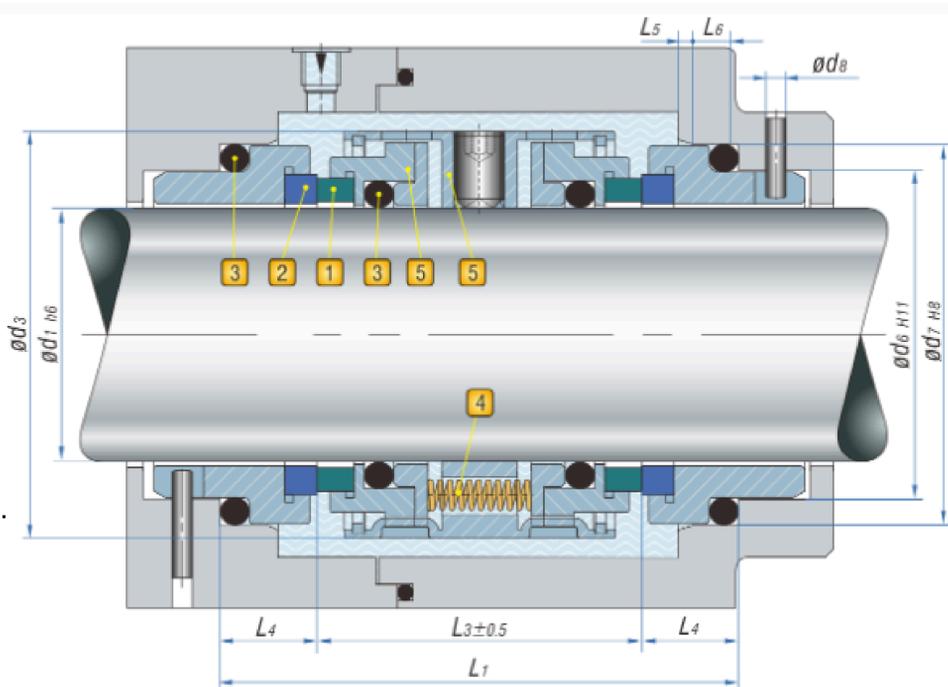
Recommended Applications

Low solids content or viscous media, abrasive media
Toxic and hazardous media
Other Rotating Equipment

Operating range

Shaft diameter: $d_1=20\text{...}80\text{mm}$
Pressure: $p=0\text{...}0.5\text{Mpa}$ (72.5psi)
Temperature: $t = -20\text{ }^\circ\text{C} \text{...}180\text{ }^\circ\text{C}$ (-4°F to 356°F)
Sliding velocity: $V_g \leq 13\text{m/s}$ (42.64ft/s)
Notes: The range of pressure, temperature and sliding velocity is depend on seals combination materials

Product Structure



Combination Materials

1. Rotary Face

- Reaction Bonded Sic RBSIC O
- Sintered Silicon Carbide SSIC O₁
- Tungsten Carbide.Ni-binder W

2. Stationary Seat

- Carbon graphite, resin impreg A_k
- Reaction Bonded Sic RBSIC O
- Sintered Silicon Carbide SSIC O₁
- Tungsten Carbide.Ni-binder W

3. Auxiliary Seal

- Iuorocarbon Rubber FKM V
- Etylene Propylene Rubber EPDM E
- Perfluorocarbon Rubber FFKM K

4. Spring

- GrNi-Steel (AIS1304) F
- GrNiMo-Steel (AIS1316) G
- Hastelloy C-4 M

5. Metal Parts

- GrNi-Steel (AIS1304) F
- GrNiMo-Steel (AIS1316) G
- Hastelloy C-4 M