

SPI-M95

Parallel Spring Mechanical Seals
Technical Data Sheet



Features

Different rotary ring material option
Spring Drive
Mono-directional
standard

Mechanical seal of the SPI-M95 series are driven by spring. Dependent on the direction of shaft rotation, It can run either clockwise or anti-clockwise, Offering various different rotary ring and auxiliary seal material, in order to meet different using condition. Widely used in marine textile, pulp and paper, refrigeration compressors wastewater treatment industry

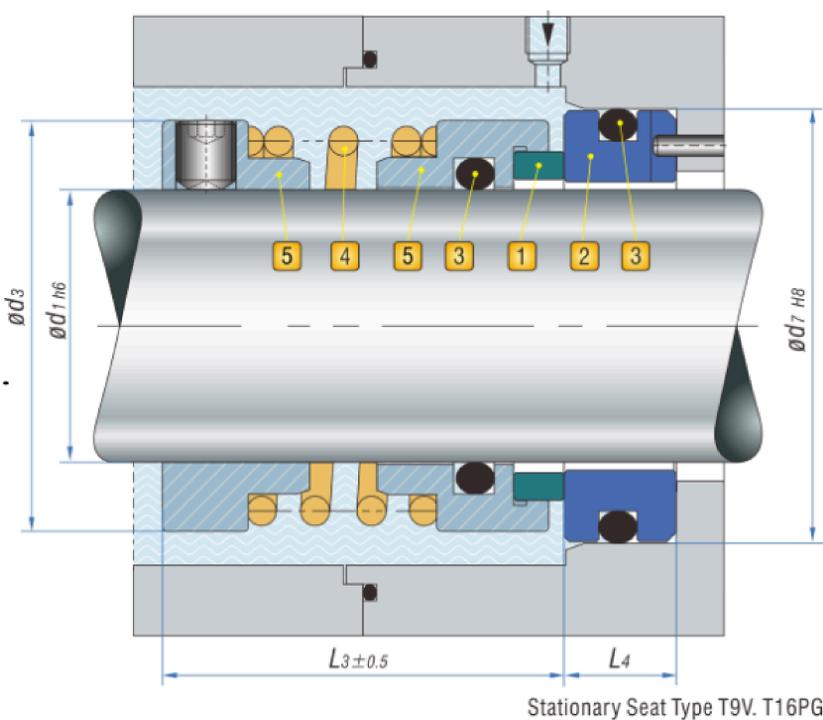
Recommended Applications

Petrochemical industry and sewage treatment industry
Low solids content or viscous media
Sewage pumps and industrial pumps and chemical pumps.
Other Rotating Equipment.

Operating range

Shaft diameter: $d_1=16\text{...}100\text{mm}/0.625\text{'...}4.000\text{'}$
Pressure: $p=0\text{...}1.0\text{Mpa}$ (145psi)
Temperature: $t = -20\text{ }^\circ\text{C} \text{...}220\text{ }^\circ\text{C}$ (-4°F to 428°F)
Sliding velocity: $V_g \leq 15\text{m/s}$ (49.2ft/s)
Notes: The range of pressure, temperature and sliding velocity is depend on seals combination materials

Product Structure



5. Metal Parts

- GrNi-Steel (AIS1304) F
- GrNiMo-Steel (AIS131 6) G

Combination Materials

1. Rotary Face

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

2. Stationary Seat

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

3. Auxiliary Seal

- Elastomers O-ring
- Fluorocarbon Rubber FKM V
- Etylene Propylene Rubber EPDM E
- Tetraflouroe Thylyene Propylene Rubber FEPM X

4. Spring

- GrNi-Steel (AIS1304) F
- GrNiMo-Steel (AIS131 6) G