

SPI-M60

ROTEN Type2K Replacement
Technical Data Sheet



Features

Seal face Inlaid SIC SSIC TC
Unbalanced Seal
Rotating conical spring
Dependent on direction of rotation
To EN 12756. ISO 3069

SPI-M60 is conical spring and O-ring pusher construction mechanical seals. PTFE V-Ring pusher construction is available in the type. Due to extend combination material options designed, it can be used in both general media and corrosive liquid condition

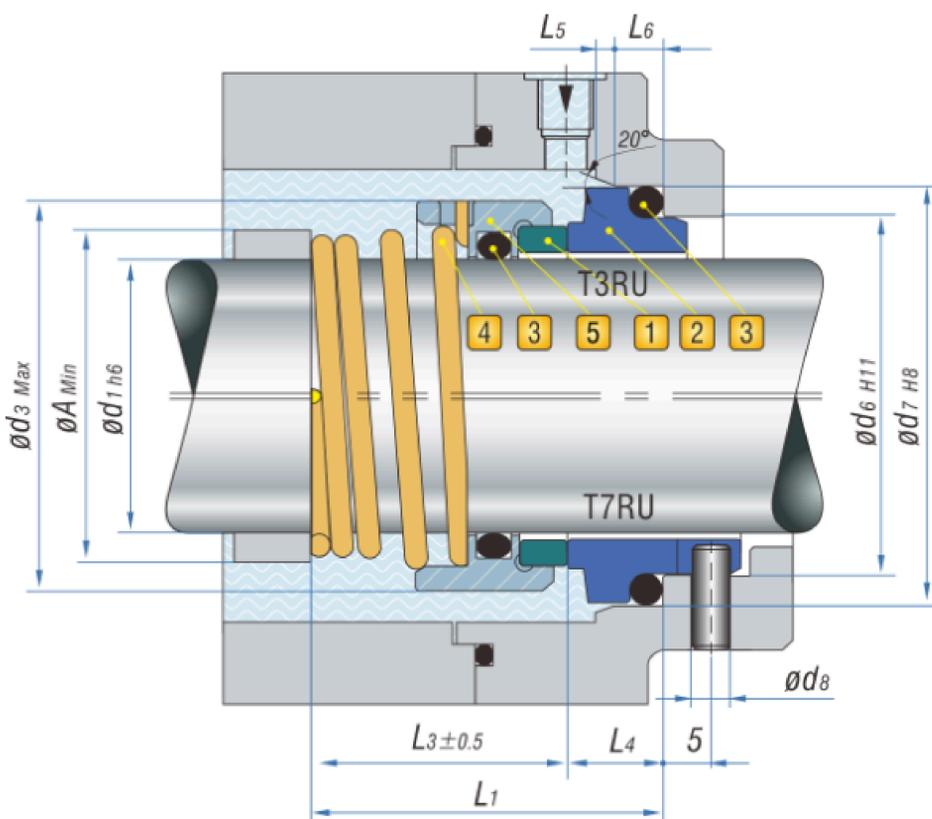
Recommended Applications

Paper and sugar industry, Food Processing, waste water technology
Low solids content or viscous media
Sewage pumps, chemical pumps, screw pumps, process pumps
Other Rotating Equipment.

Operating range

Shaft diameter: $d_1=10...100\text{mm}$
Pressure: $p=0...1.5\text{Mpa}$ (217.5psi)
Temperature: $t = -20\text{ }^\circ\text{C} \dots 120\text{ }^\circ\text{C}$ (-4°F to 248°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 (AIS1316) G

Combination Materials

1. Rotary Face

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

2. Stationary Seat

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

3. Auxiliary Seal

- Encapsulated O-ring
- Elastomers O-ring
- FEP Jacketed FKM M₁
- FKM V
- FEP Jacketed VMQ M₃
- EPDM E
- PFA Jacketed FKM M₅
- VMQ S

4. Spring

- GrNi-Steel (AIS1304) F
- GrNiMo-Steel (AIS1316) G