

SPI-M310

John Crane TDouble Face Mechanical Seal
Sealype2 Replacement
Technical Data Sheet



Features

Double face、unbalanced、large spring arrange
Gland fixed design in the inboard of stationary seat
Special design in the primary ring and metal part

SPI-M310 is the double face construction mechanical seals, gland fixed design in the inboard of stationary seat, which can improve seals working pressure range. It is widely used in rotating Equipment on waste water, mud media

Recommended Applications

Submersible electric pumps, sewage pumps
Other Rotating Equipment

Operating range

Shaft diameter: d1=12...50

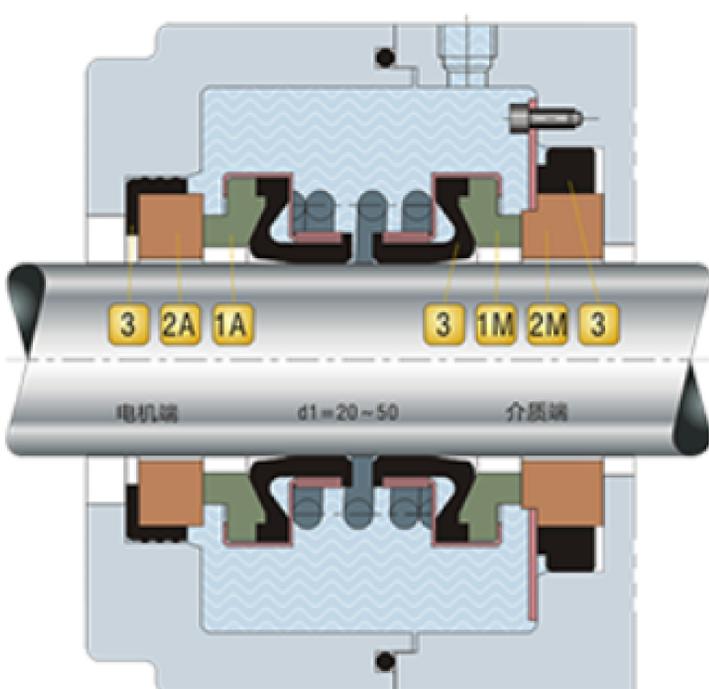
Pressure: p=-0.05...0.3Mpa (43.5psi)

Temperature: t = -20 °C ...70 °C(-4°F to 158°F)

Sliding velocity: n≤3000r/min

Notes: The range of pressure,temperature and sliding velocity is depend on seals combination materials

Product Structure



Combination Materials

1. Rotary Face

- Carbon graphite resin impregnated Ak
- Hot-Pressing Carbon Ac
- Silicon carbide (RBSIC) O

2. Stationary Seat

- Aluminium oxide(Ceramic) B
- Silicon carbide (RBSIC) O
- Tungsten carbide W1

3. Auxiliary Seal

- Nitrile-Butadiene-Rubber (NBR) P
- Fluorocarbon-Rubber (Viton) V

4. Spring

- Stainless Steel (SUS304) F

5. Metal Parts

- Stainless Steel (SUS304) F