

SPI-M315

Double Face Mechanical Seals
Technical Data Sheet



Features

Double face, unbalanced, large spring construction
Same features as type SPI-M315 series

Elastomer Bellows mechanical seal SPI-M315 Double Face mechanical seals Double face mechanical seal type 315 has a high degree of interchangeability of the parts, suitable for mass production and with economical price. It is ideal for rotating Equipment on water, mud, oil media

Recommended Applications

Submersible electric pumps, sewage pumps
Other Rotating Equipment

Operating range

Shaft diameter: d1=16...55

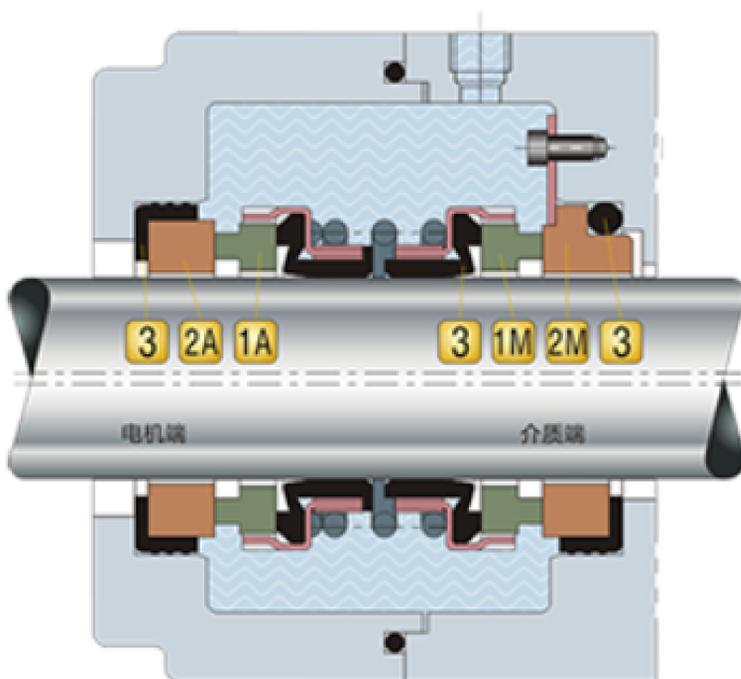
Pressure: p=0...0.3Mpa (43.5psi)

Temperature: t = -20 °C ...80 °C(-4°F to 176°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
- Tungsten carbide W1
- 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