

SPI-M375

John Crane Type502 Replacement
Technical Data Sheet



Features

Compact design in the rubber
Insensitive to shaft play and run out
Bellows should not twist due to spring drive
Single seal, unbalanced, single spring
Conform with DIN24960 EN12756 standard

SPI-M375 dimensions the same as for SPI-M375, but with an extended bellows tail to fit length L_{1N}. combination with SPI-M375 and SPI-M375 stationary seat, to meet EN12756 standard.

Recommended Applications

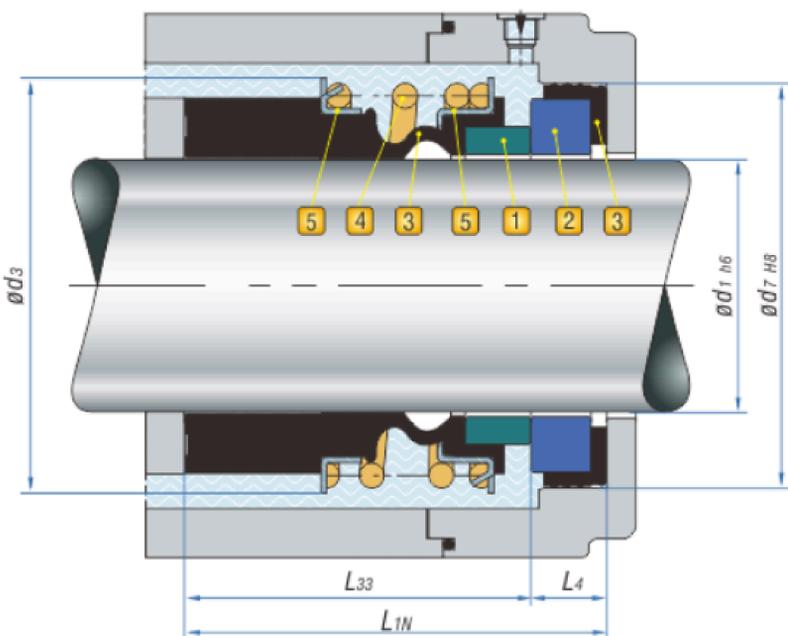
Water and waste water technology
Petroleum chemical industry
Industrial pumps
Slurry pumps
Process pumps
Other Rotating Equipment

Operating range

shaft diameter: d1=8...100 mm
Pressure: p=-0.1...1.6Mpa (-14.5psi...232psi)
Temperature: t = -20 °C .. 140 °C (-4°F to 284°F)
Sliding velocity: Vg≤10m/s (32.80ft/m)

Notes: The range of pressure, temperature and sliding velocity is dependent on seal combination materials

Product Structure



Combination Materials

1. Rotary Face

Carbon graphite resin impregnated **Ak**
Hot-Pressing carbon **Ac**
Silicon carbide (RBSiC) **O**
Tungsten carbide **W1**

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**
Ethylene-Propylene-Diene (EPDM) **E**

4. Spring

Stainless Steel (SUS304) **F**
Stainless Steel (SUS316) **G**

5. Metal Parts

Stainless Steel (SUS304) **F**
Stainless Steel (SUS316) **G**