Phone : +20 11 56369888
Email :ceo@spi-shalaby.com
info@spi-shalaby.com

SPI-M385

John Crane Type 2100k Replacement
Technical Data Sheet

Features

SIingle Seal，easy installation and replacement
Innovative bellows design is pressure-supported and will not crease or fold under high pressure
Conform with DIN24960 EN12756 DIN24960，ISO3069 standard
Robust Material Options

SPI-M385 is a robust and versatile mechanical seal designed for demanding industrial applications. As part of Spi's renowned product portfolio, this seal combines advanced engineering with proven reliability, making it a preferred choice for pumps, mixers, and rotating equipment across industries such as oil and gas, chemical processing, water treatment, and power generation.

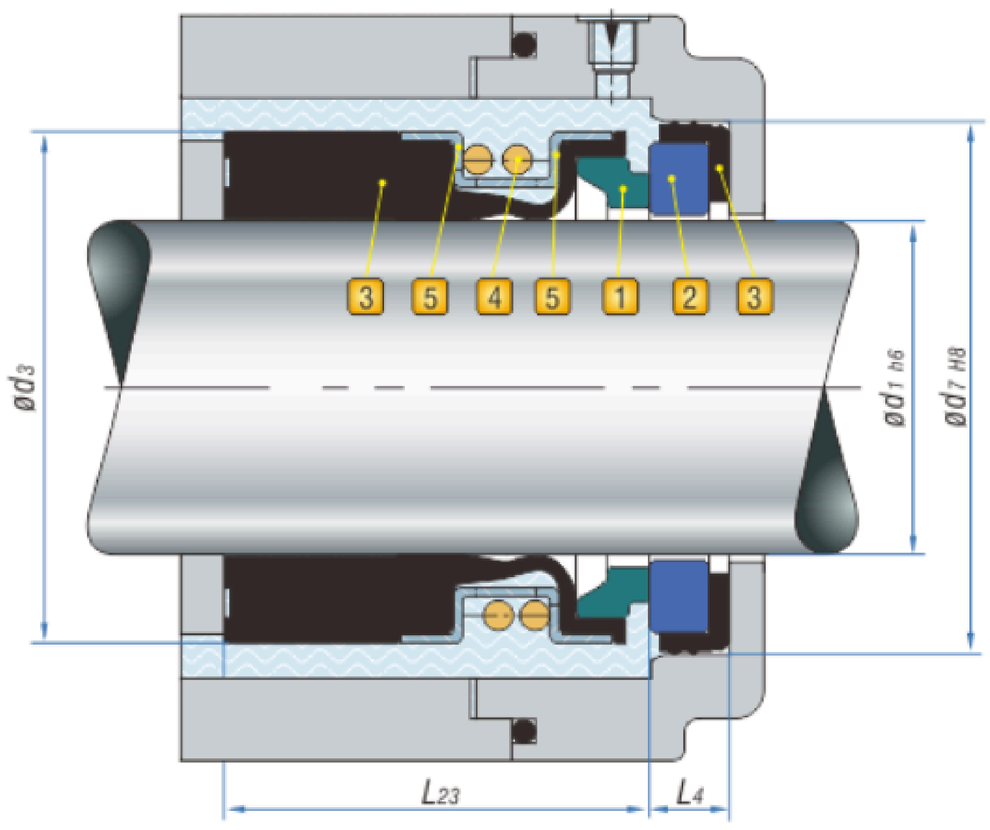
Recommended Applications

Process pumps
Centrifugal pumps
Turbine pumps
Other rotary equipment

Operating range

Shaft diameter: d1=10...75mm(0.375'' ...3.000'')
Pressure: p=0...1.2Mpa（174psi）
Temperature: t = -20 °C ...150 °C(-4°F to 302°F)
Sliding velocity: Vg≤13m/s（42.6ft/m）
Notes: The range of preesure,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**
   Reaction Bond Silicon carbide (RBSIC) **O**
   Sintered Silicone Carbide (SSIC) **O1**
   Tungsten carbide **W1**
2. Stationary Seat
   Aluminium oxide(Ceramic) **B**
   Reaction Bond Silicon carbide (RBSIC) **O**
   Sintered Silicone Carbide (SSIC) **O1**
   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**