

SPI-M350

John Crane Type 2 Replacement
Technical Data Sheet



Features

The seal components are available in a variety of materials to suit different applications.

Bi-directional

Available in multiple orientations: SPI-M350 (balanced version for higher pressure)

Compatible with multiple equipment OEM specifications

Simplified installation process enables quick replacements

SPI-M350 is designed with a unique drive and balanced elastomer diaphragm. Within characteristics of reliable transmission, automatic alignment and compensation capabilities, reliable sealing and long working life. SPI-M350 widely used in pumps, mixers, compressors and other rotating equipment.

SPI-M350 is balanced seal, can be used in high pressure condition.

SPI-M350 conform to standard.

Recommended Applications

Water and waste water technology

Process pumps

Industrial pumps

Petroleum chemical industry

General industrial rotating machinery

Other Rotating Equipment

Operating range

Shaft diameter: $d_1 = 0.625'' \dots 3.000''$

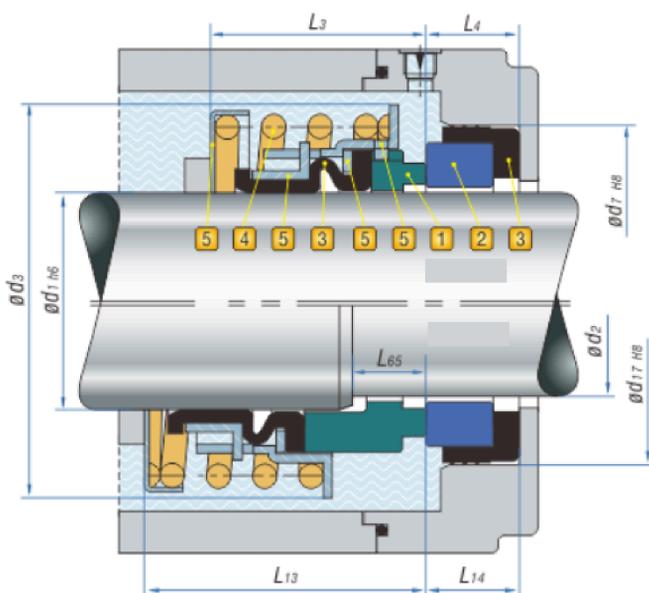
Pressure: $p = 0 \dots 6.3 \text{ Mpa}$ (914psi)

Temperature: $t = -20 \text{ }^\circ\text{C} \dots 205 \text{ }^\circ\text{C}$ (-4°F to 401°F)

Sliding velocity: $V_g \leq 13 \text{ m/s}$ (42.6ft/m)

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**

Silicon carbide (RBSiC) **O**

Hot-Pressing Carbon **Ac**

Tungsten carbide **Wl**

2. Stationary Seat

Aluminium oxide (Ceramic) **B**

Silicon carbide (RBSiC) **O**

Tungsten carbide **Wl**

3. Auxiliary Seal

Nitrile-Butadiene-Rubber (NBR) **P**

Fluorocarbon-Rubber (FKM) **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**