

# SPI-M240

Wave Spring Mechanical Seal  
Technical Data Sheet



## Features

Short installation axial  
Exterior and interior  
Bi-directional  
Solid Rotary face  
Equivalent to W01U. W02U

Mechanical seal SPI-M240, Solid rotary face. Wave Spring, driven by set screws SPI-M240 is compact design, specially designed for short working length requirements, and allows for sealing exterior and interior installation. it is ideal for sealing with compact design requirements. Widely used in food, dairy, brewery and pharmaceutical industries. SPI-M240 mechanical seal, with Stationary seat type SPI-M240. Working dimensions according to EN 12756, ISO 3069

## Recommended Applications

Paper and textile printing industry,  
petrochemical industry and sewage treatment  
industry  
Low solids content or viscous media  
Sewage pumps, chemical pumps, screw  
pumps, Gear wheel feed pumps and  
multistage pumps  
Other Rotating Equipment.

## Operating range

**Shaft diameter:** d1=16...100mm

**Pressure:** p=0...1.2Mpa (174psi)

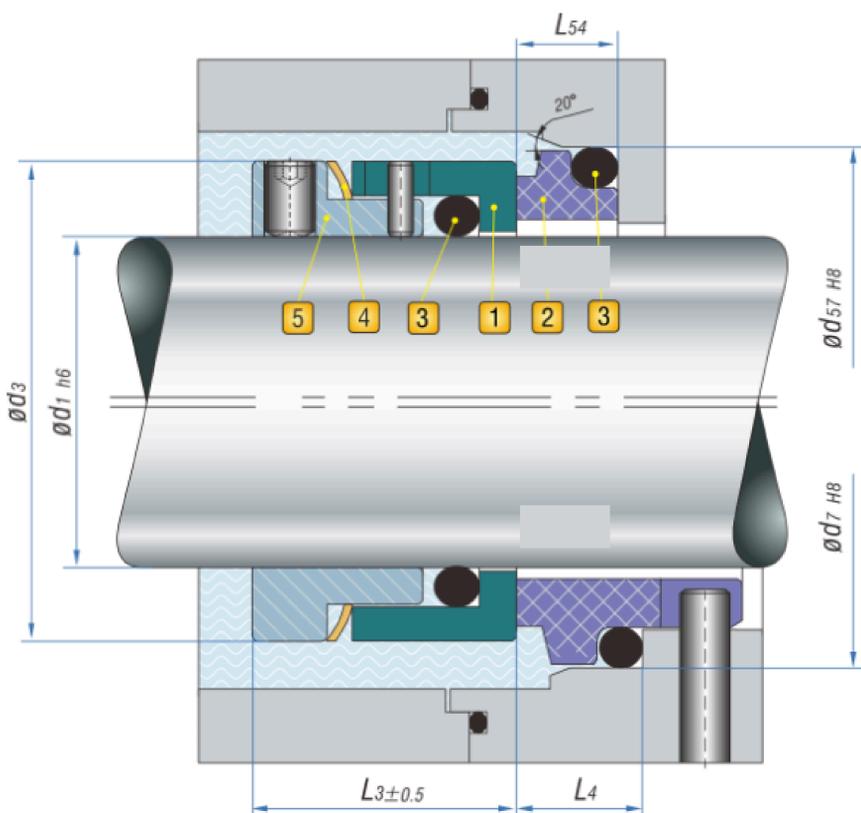
**Temperature:**

t = -35 °C ...180 °C (-31°F to 356°F)

**Sliding velocity:** Vg≤15m/s (49.2ft/s)

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

## Product Structure



## Combination Materials

### 1. Rotary Face

- GrNiMo-Steel G
- Reaction Bonded Sic RBSIC O
- Tungsten Carbide.Ni-binder W

### 2. Stationary Seat

- Carbon graphite, resin impreg A<sub>k</sub>
- Carbon graphite, antimony impreg A<sub>D</sub>
- Reaction Bonded Sic RBSIC O

### 3. Auxiliary Seal

- Elastomers O-ring
- Fluorocarbon Rubber FKM V
- Etylene Propylene Rubber EPDM E

### 4. Spring

- GrNi-Steel (AIS1304) F
- GrNiMo-Steel (AIS1316) G

### 5. Metal Parts

- GrNi-Steel (AIS1304) F
- GrNiMo-Steel (AIS1316) G