

# SPI-M365

EagleBurgmann Type MG12 Replacement  
Technical Data Sheet



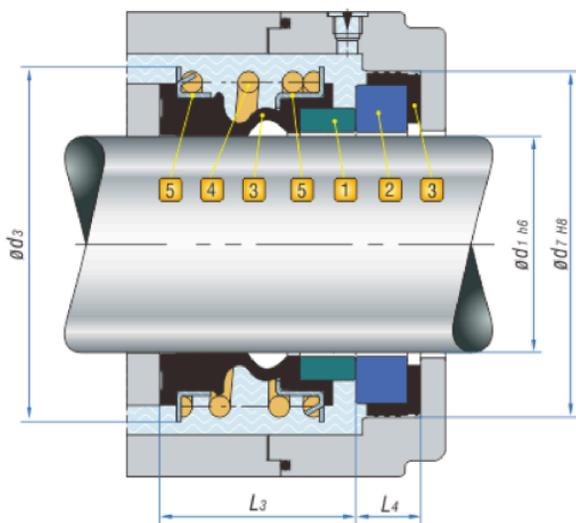
## Features

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

## Recommended Applications

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

## Product Structure



SPI-M365 series is the most common rubber bellows mechanical seals allow for fast and easy installation. it is also be used as multiple seal in tandem mechanical seals in two sets arrangement. Mechanical Seal Type SPI-M365 is widely used in Chemical standard pumps, screw pumps, slurry pumps and Petroleum chemical industry

## 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 depend on seals combination materials

## Combination Materials

### 1.Rotary Face

Carbon graphite resin impregnated Ak

Hot-Pressing carbon Ac

Reaction Bonded Silicon carbide (RBSiC) O

Sintered Silicone Carbide (SSiC) OI

Tungsten carbide W1

### 2.Stationary Seat

Aluminium oxide(Ceramic) B

Reaction Bonded Silicon carbide (RBSiC) O

Sintered Silicone Carbide (SSiC) OI

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

## Product Variants

Burgmann mechanical seal MG12 replacement

Dimensions and structure same as for , but with an extended bellows tail.the working length conform with EN12756 standard.Stationary seat with as standard, also available.



Burgmann mechanical seal replacement

Dimensions and structure same as for , but with an extended bellows tail. installation

Interchangeable with ( Standard).

Stationary seat with as standard



Burgmann mechanical seal replacement

Dimensions and structure same as for , but with an extended bellows tail.the working length conform with standard.Stationary seat with as standard, also available.

