

SPI-M360

EagleBurgmann Type MG1 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-M360 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-M360 is widely used in Chemical standard pumps, screw pumps, slurry pumps and Petroleum chemical industry

Recommended Applications

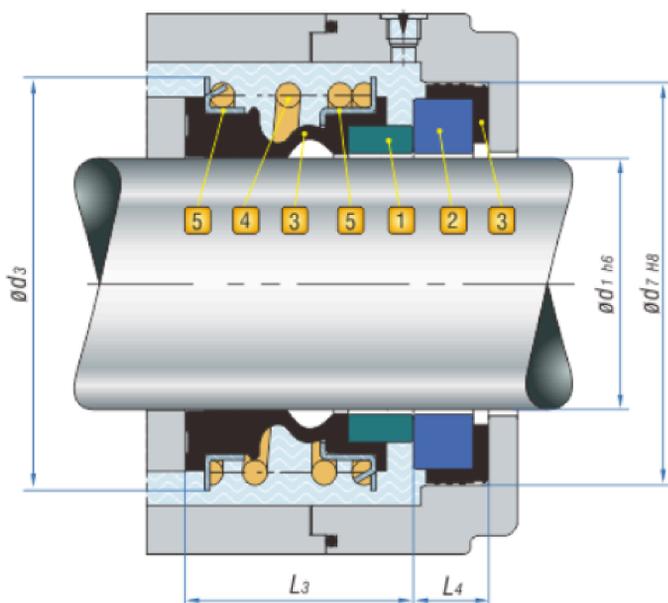
Water and waste water technology
Petroleum chemical industry
Industrial pumps
Slurry pumps
Process pumps
Other Rotating Equipment

Operating range

Shaft diameter: $d_1=8...100$ mm
Pressure: $p=-0.1...1.6$ Mpa (-14.5psi....232psi)
Temperature: $t = -20$ °C .. 140 °C(-4°F to 284°F)
Sliding velocity: $V_g \leq 10$ m/s (32.80ft/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**
Hot-Pressing carbon **Ac**
Reaction Bonded Silicon carbide (RBSiC) **O**
Sintered Silicone Carbide (SSiC) **O1**
Tungsten carbide **W1**

2.Stationary Seat

Aluminium oxide(Ceramic) **B**
Reaction Bonded 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**