

SPI-M455

EagleBurgmann Type EMG1/EMG2/EMG3
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-M455 series can 100% compatible with .Using PEEK-PTFE disk material matched with the outer diameter of the shaft, which can the best center alignment characteristics are achieved and the sealing product is improved, When working under pressure. Small outer diameter of bellows support enables direct retaining ring. are different type of seal, which can used in different standard to to achieve the different working length.

Recommended Applications

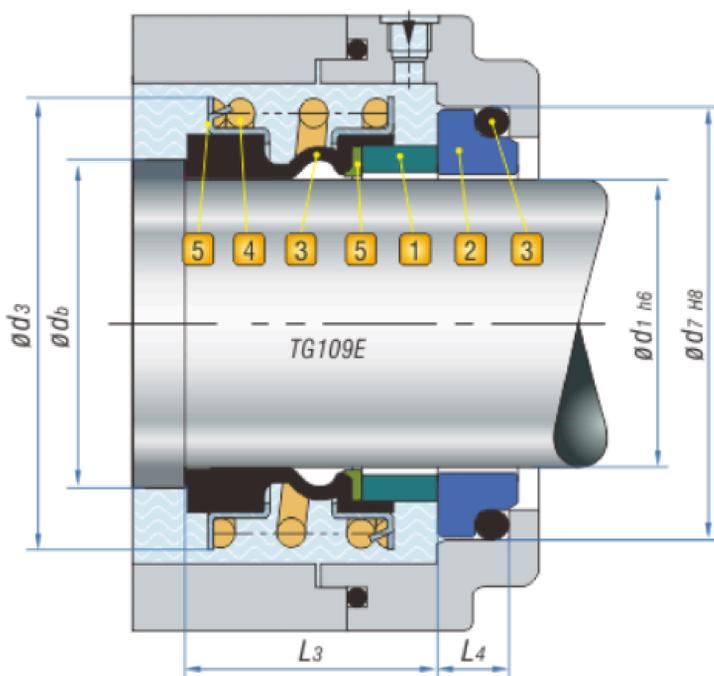
Water and waste water technology
Petroleum chemical industry
Industrial pumps
Slurry pumps
Process pumps
Other Rotating Equipment

Operating range

Shaft diameter: $d_1=15...100$ 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
Carbon graphite Antimony impreg Ad
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 (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