Phone : +20 11 56369888
Email :ceo@spi-shalaby.com
info@spi-shalaby.com

SPI-M435

EagleBurgmann EA560 Replacement
Technical Data Sheet

Features

Single and ealstomer bellows mechanical seal
Bi-directional
Non-sliding design structure,elastomer bellows automatically compensates for primary ring wear.
show difference in the dimensional data, avaliable with different standard working lengths.
Vailable in metric and inch sizes

SPI-M435 model is designed for mass production.Eachparts structure has a high degree of interchangeability anda highly versatile seal. The snap ring is used to press the sliding part of theelastomer diaphragm onto the shaft,make sure the rubberdiaphragm and the shaft play a driving role and a staticsealing role. Widely used in industry pumps,circulation pumps,submersible pumps,engine pumps and other rotatingshaft equipment.

Recommended Applications

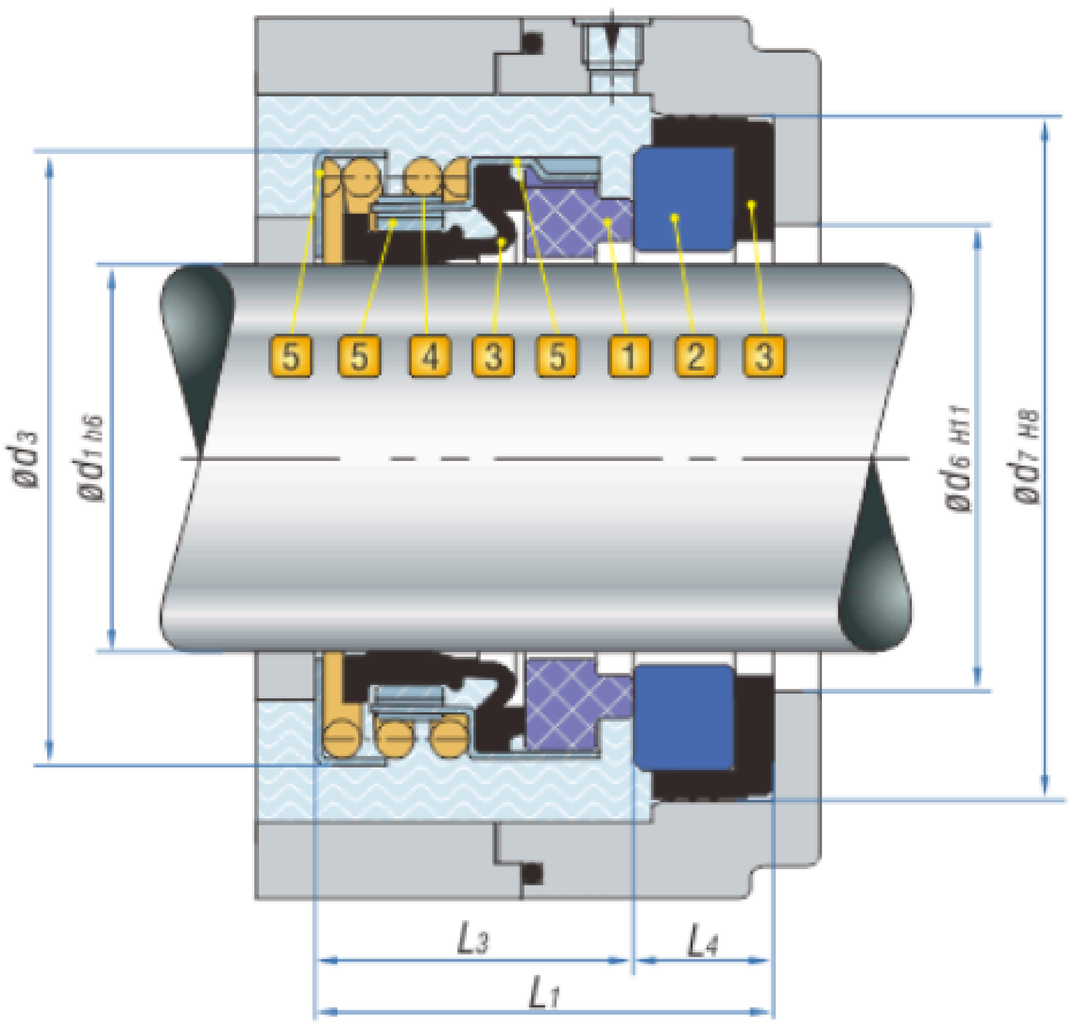
Water and waste water technology
Process pumps
Industrial pumps
Petroleum chemical industry
Other Rotating Equipment

Operating range

Shaft diameter: d1=8...50mm
Pressure: p=0...1.0Mpa（145psi）
Temperature: t = -20 °C ...150 °C(-4°F to 302°F)
Sliding velocity: Vg≤13m/s（42.6ft/m）

Notes: The range of preesure,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 **W1**

2. Stationary Seat

Aluminium oxide(Ceramic) **B**

Silicon carbide (RBSIC) **O**

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**