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SPI-M505

EagleBurgmann BT-PNL Relacement

Technical Data Sheet

Features

Single and ealstomer bellows mechanical seal
Bi-directional
Non-sliding design structure,elastomer bellows automatically compensates for primary ring wear.
Vailable in metric and inch sizes

The SPI-M505 is a dual seal in a back-to-back arrangement with an TG108T base.When theproduct medium cannot ensure lubrication or with high solid contentit is recommendedto use an oil chamber,which can be used in submersible pumps and other rotating shaftequipment.

Recommended Applications

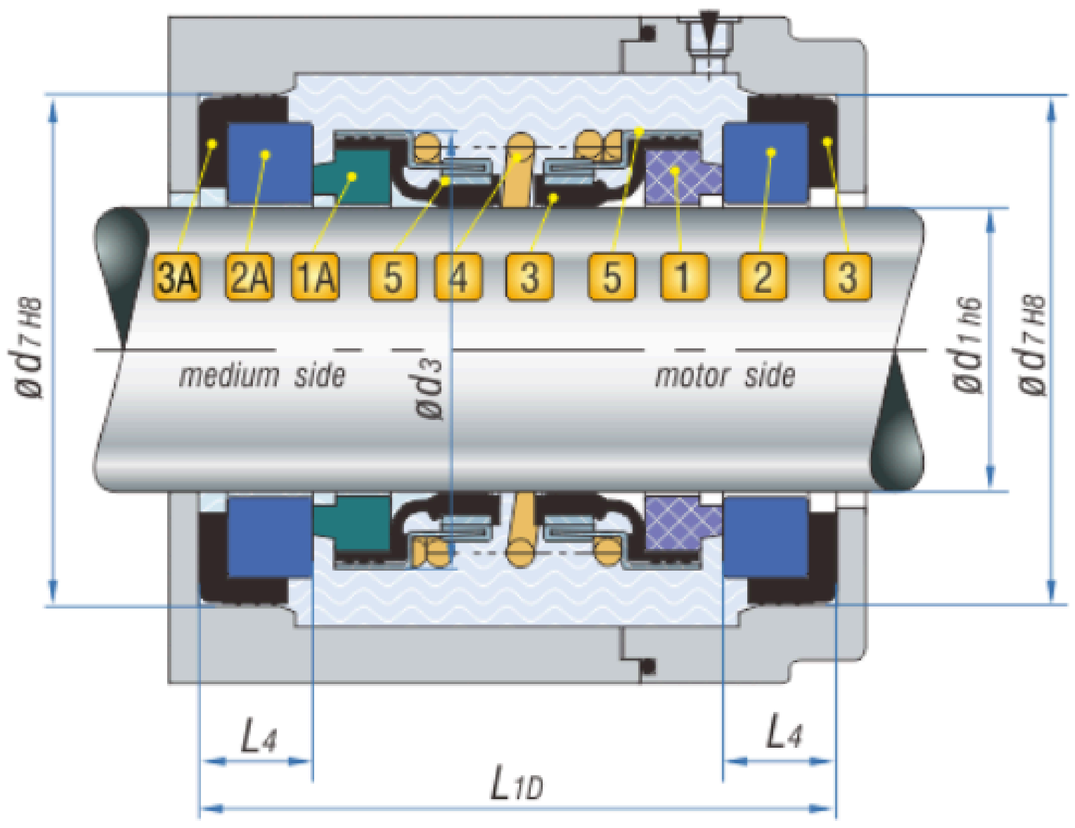
Water and waste water technology
Process pumps
Industrial pumps
Petroleum chemical industry
Other Rotating Equipment

Operating range

Shaft diameter: d1=12...25mm
Pressure: p=0...0.6Mpa
Temperature: t = -20 °C ...150 °C
Sliding velocity: Vg≤8m/s

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**