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SPI-M530

Elastomer Bellows Mechanical Seal

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

TG104 is a compact,bi-direction and single face and unbalanced elastomer bellow mechanicalseal.The product is characterized by mass production,with low cost and economical price.Sealrings and elastomers are available in a variety of materials to meet different applicationconditions.Suiable for small shaft household pumps,hot water pumps.

Recommended Applications

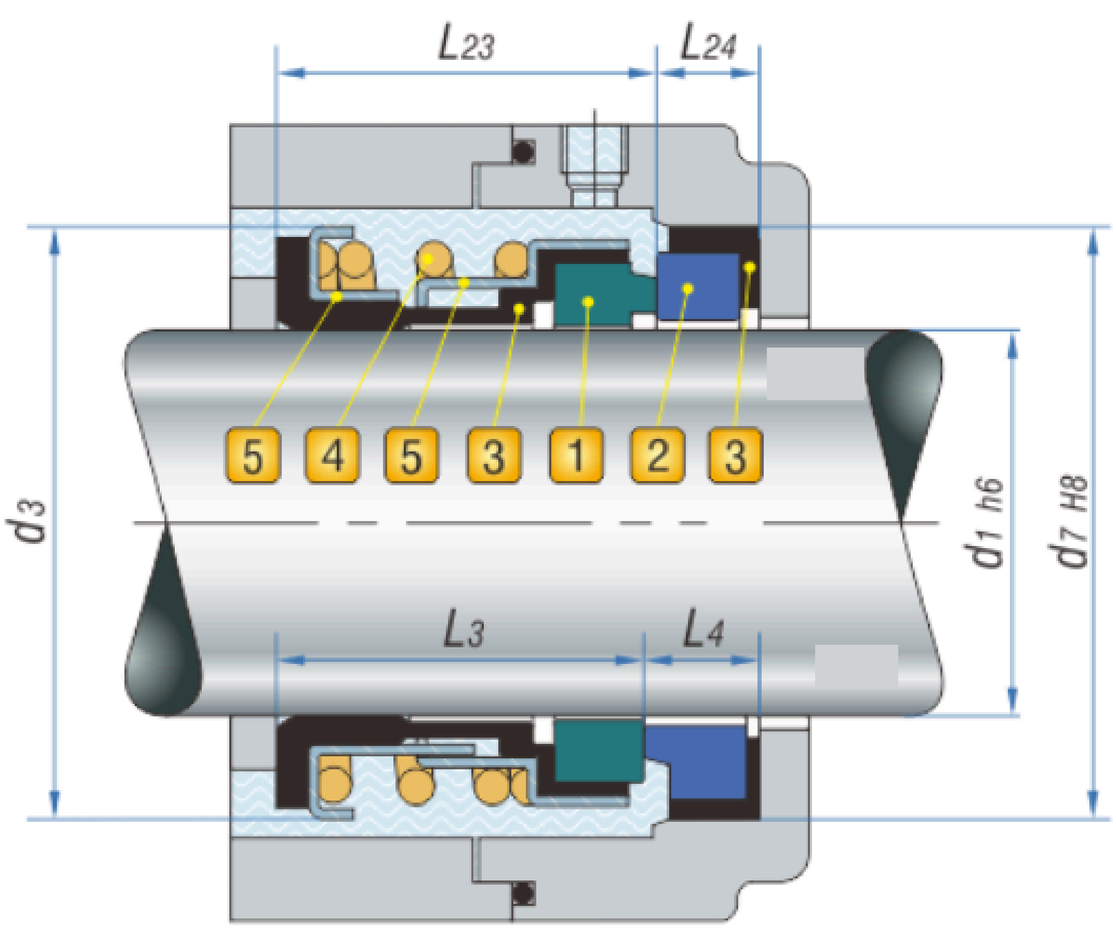
Water and waste water technology
Process pumps
Industrial pumps
Petroleum chemical industry
Other Rotating Equipment

Operating range

Shaft diameter: d1=8...55mm
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**