

SPI-M55

Burgmann BT-RN.NU Seal Replacement
Technical Data Sheet



Features

Seal face Overall Special Cr-steel
Unbalanced Seal
Rotating conical spring
Dependent on direction of rotation
TO EN 12756.150 3069

Conical spring and O-ring pusher construction mechanical seals SPI-M55 is designed for large batch production. With reliable performance, wide range of applications and easy installation features. Used in the different media conditions due to extend material options. It is ideal for use in paper industry, sugar industry, chemical and petroleum, food processing, sewage treatment industry .

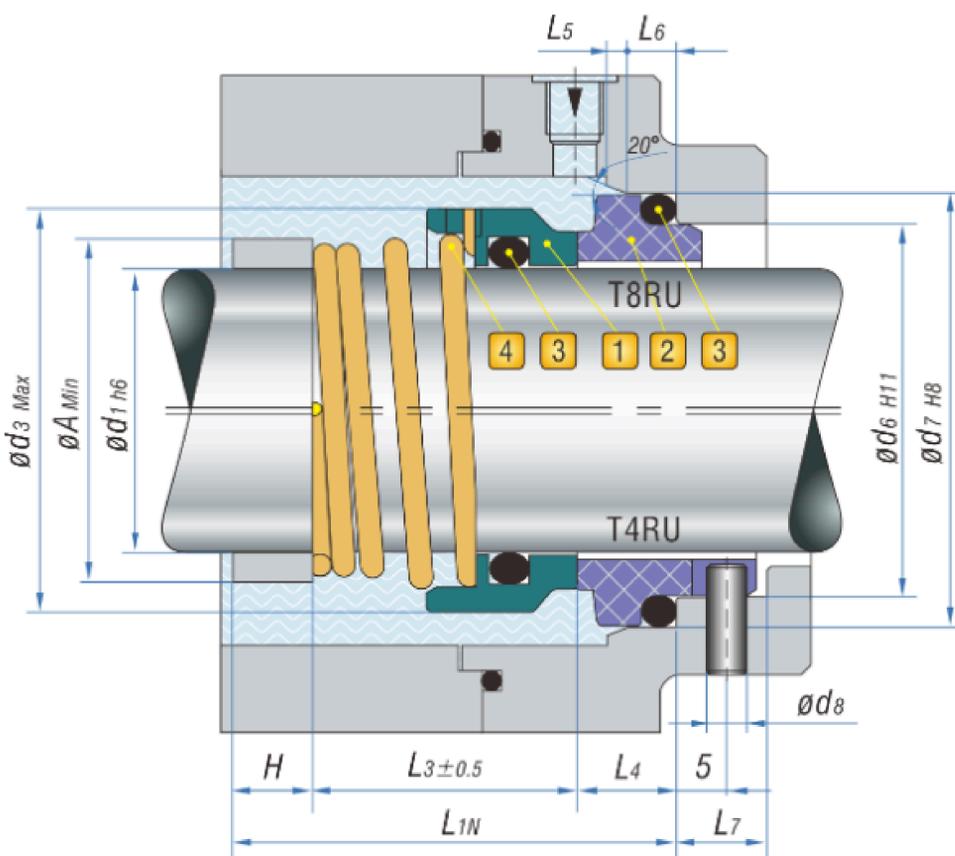
Recommended Applications

Paper and sugar industry, Food Processing, waste water technology
Low solids content or viscous media
Sewage pumps, chemical pumps, screw pumps, process pumps
Other Rotating Equipment.

Operating range

Shaft diameter: d1=10...100 mm
Pressure: p=0...1.0Mpa (145psi)
Temperature: t = -20 °C .. 180 °C (-4°F to 356°F)
Sliding velocity: Vg≤15m/s (32.8ft/s)
Notes: The range of pressure, temperature and sliding velocity is depend on seals combination materials

Product Structure



Combination Materials

1. Rotary Face

- Cr-Steel E
- GrNi-SS F
- GrNiMo-Ste G
- GrMo-S S

2. Stationary Seat

- Carbon graphite resin impreg A_k
- Carbon graphite, antimony impreg A_D

3. Auxiliary Seal

- Encapsulated O-ring
- Elastomers O-ring
- FEP Jacketed FKM M₁
- FKM V
- FEP Jacketed VMQ M₃
- EPDM E
- PFA Jacketed FKM M₅
- VMQ S

4. Spring

- GrNi-Steel (AIS1304) F
- GrNiMo-Steel (AIS1316) G

5. Metal Parts

- GrNi-Steel (AIS1304) F
- GrNiMo-Steel (AIS1316) G