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# SPI-M70

EagleBurgmann Type BT-FN Replacement
Technical Data Sheet

## Features

Conical spring,unbalanced,O-ring pusher construction
Torque transmission via conical spring, independent of direction of rotation.
Stamping construction in the metal parts

TNG mechanical seal SPI-M70 with conical spring and O-ring pusher construction, the metal parts produced by Stamping. competitive price and wide range of application have made SPI-M70 is a mass-production seals.

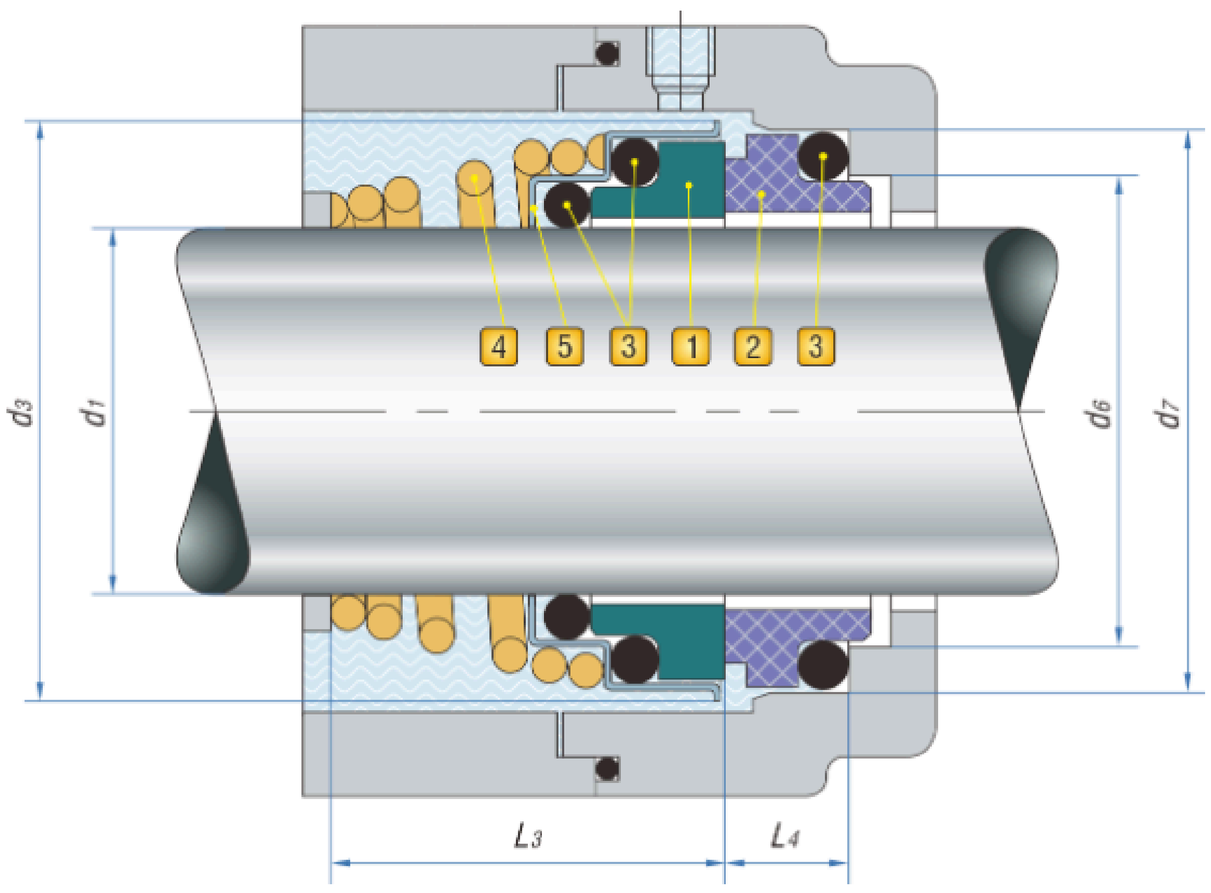
## Recommended Applications

Centrifugal pump and clean water pump
Other Rotating Equipment.

## Operating range

**Shaft diameter:** d1=10...40mm
**Pressure:** p=0...1.4Mpa（203psi）
**Temperature:** t = -40 °C ...180 °C(-40°F to 356°F)
**Sliding velocity:** Vg≤15m/s（49.2ft/s）
**Notes:** The range of preesure,temperature and sliding velocity is depend on seals combination materials

## Product Structure




## Combination Materials

### 1. Rotary Face

- Hot-Pressing Carbon $A_C$
- Carbon graphite, resin impreg $A_K$
- Reaction Bonded Sic RBSIC O
- Sintered Silicon Carbide SSIC $O_1$

### 2. Stationary Seat

- Aluminium Oxide Ceramic B
- Reaction Bonded Sic RBSIC O
- Sintered Silicon Carbide SSIC $O_1$

### 3. Auxiliary Seal

- Fuorocarbon RubberFKM V
- Etylene Propylene Rubber EPDM E
- Perfluorocarbon Rubber FFKM K

### 4. Spring

- GrNi-Steel (AS1304) F
- GrNiMo-Steel (AlS1316) G

### 5. Metal Parts

- GrNi-Steel (AS1304) F
- GrNiMo-Steel (AlS1316) G