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SPI-M205

EagleBurgmann type H75N series
Replacement
Technical Data Sheet

Features

Balanced
Wave Spring
Bi-directional
EN 12756 Standard
Equivalent to H75

Multiple Spring, Balanced, O-ring pusher mechanical seal Type SPI-M205 is a robust and highly interchangeable seals. Used in the different media conditions due to extend material options. It is ideal for use in paper industry, textile printing, chemical petroleum, shipbuilding and sewage treatment industry. SPI-M205 mechanical seal Stands out as a top-tier sealing solution. Designed to handle high-pressure, high-speed, and aggressive media environments, this mechanical seal combines advanced engineering with robust materials to deliver unmatched performance and reliability.

Recommended Applications

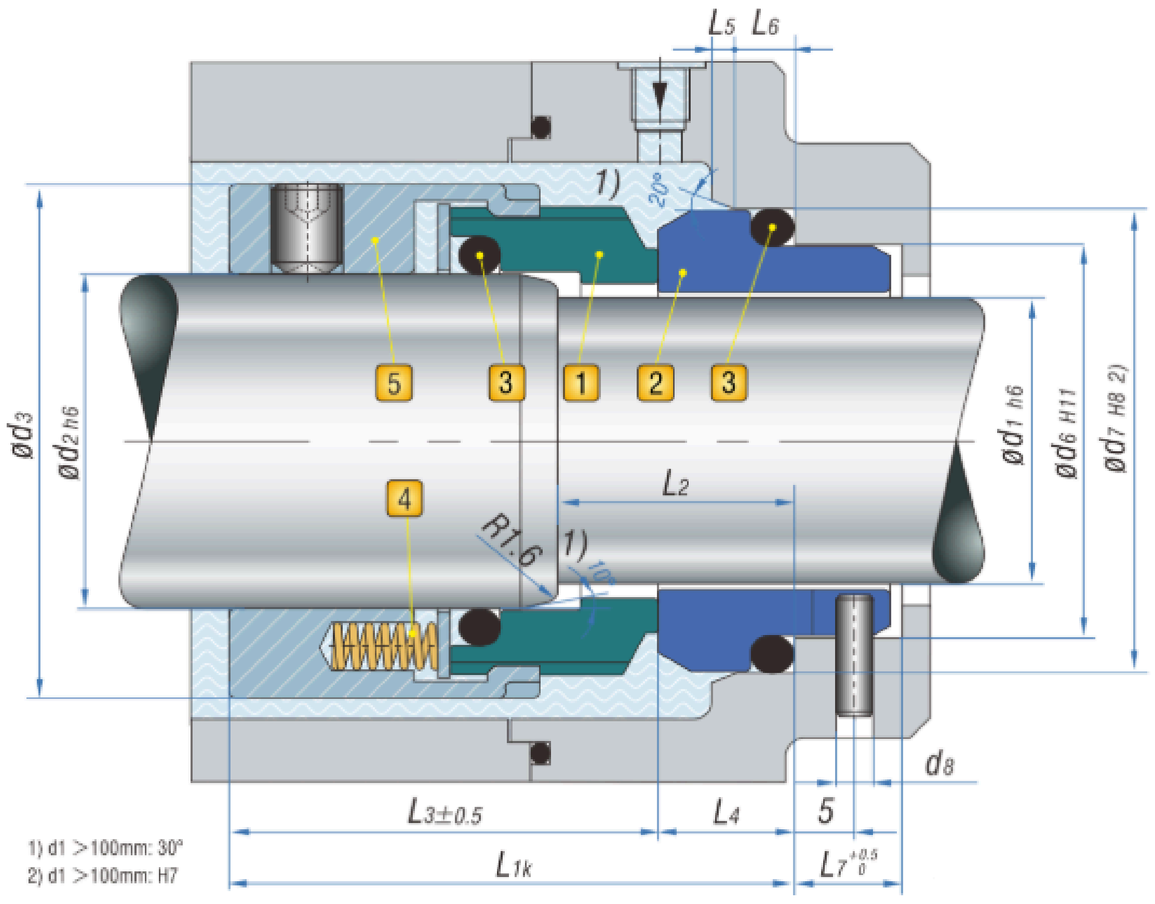
Paper and textile printing industry, petrochemical industry and sewage treatment industry
Low solids content or viscous media
Sewage pumps, chemical pumps, screw pumps, Gear wheel feed pumps and multistage pumps
Other Rotating Equipment.

Operating range

Shaft diameter: d1=14...210mm
Pressure: p=0...2.5Mpa（362.5psi）
Temperature:
t = -40 °C ...220 °C（-40°F to 428°F）
Sliding velocity: Vg≤20m/s（65.6ft/s）

Notes: The range of preesure,temperature and sliding velocity is depend on seals combination material

Product Structure



Combination Materials

1. Rotary Face

- Reaction Bonded Sic RBSIC O
- Sintered Silicon Carbide SSlC O_1
- Tungsten Carbide.Ni-binder W
- Cr-Steel (Solid) E

2. Stationary Seat

- Carbon graphite, resin impreg A_k
- Carbon graphite,antimony impreg A_D
- Reaction Bonded Sic RBSIC O
- Sintered Silicon Carbide SSlC O_1
- Tungsten Carbide.Ni-binder W

3. Auxiliary Seal

- Fluoroc arbon RubberFKM V
- Etylene Propylene RubberEPDM E
- Perfluorocarbon Rubber FFKM K

4. Spring

- GrNiMo-Steel (AlS1316) G
- Hastelloy C-4 M

5. Metal Parts

- GrNi-Steel (AlS1304) F
- GrNiMo-Steel (AlS1316) G