

SPI-M200

EagleBurgmann type M7N series Replacement
Technical Data Sheet



Features

Wave Spring
Bi-directional
EN 12756 Standard
Equivalent to M7N

SPI-M200 is mature sealing structure design, used in the different media conditions due to extend material options, Mass production in standar modular, with low cost and competitive price.

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...100mm

Pressure: p=0...1.6Mpa (232psi)

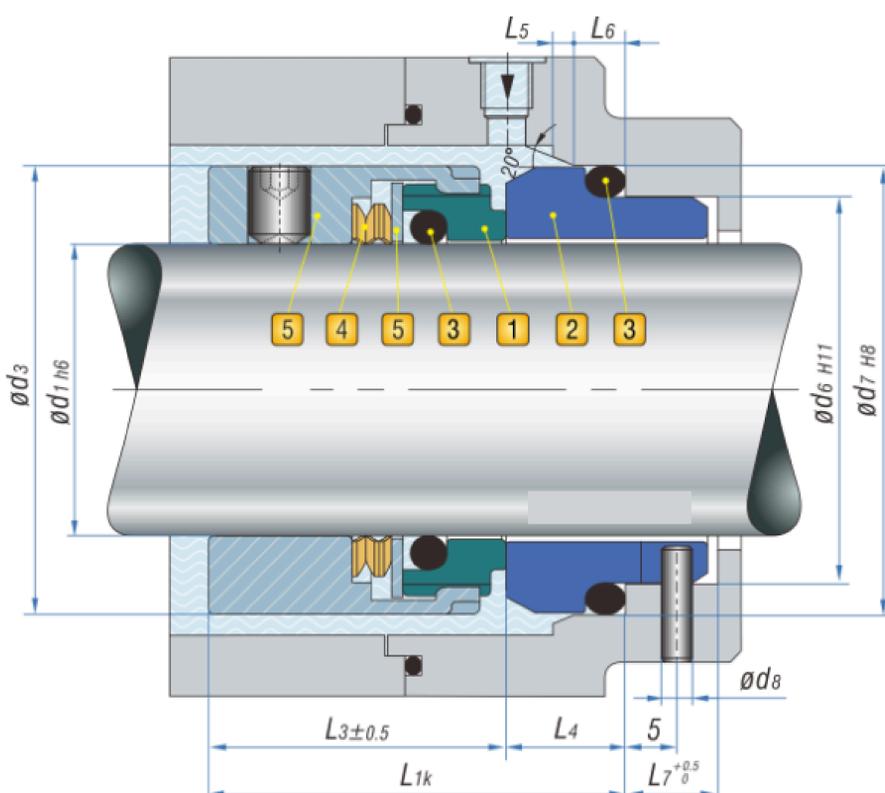
Temperature:

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 SSIC O₁
- 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 SSIC O₁
- Tungsten Carbide.Ni-binder W

3. Auxiliary Seal

- Fluorocarbon RubberFKM V
- Etylene Propylene RubberEPDM E
- Perfluorocarbon Rubber FFKM K

4. Spring

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

5. Metal Parts

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