

SPI-M185

EagleBurgmann H74-D Series Replacement
Technical Data Sheet



Features

Double seal
Balanced
Bi-directional
Multiple springs
For stepped shafts
EN 12756 Standard
Equivalent to H74-D

PTFE wedge, Mutil-Spring construction mechanical seals Type SPI-M185 is suitable for use with corrosive fluid media, such as typically corrosives, and chemicals.

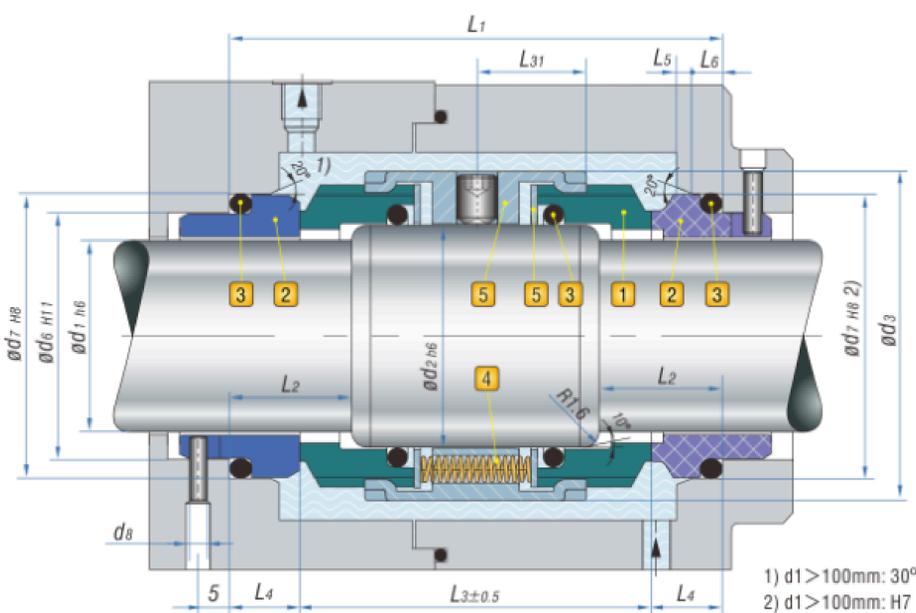
Recommended Applications

Chemical industry
Industry pumps
Process Pumps
Oil refining and petrochemical industry
Other Rotating Equipment

Operating range

Shaft diameter: d1=14...150mm
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 pressure, temperature and sliding velocity is depend on seals combination materials

Product Structure



Combination Materials

1. Rotary Face

- Reaction Bonded Sic RB SIC O
- Tungsten Carbide.Ni-binder W

2. Stationary Seat

- Carbon graphite, resin impreg Ak
- Reaction Bonded Sic RBSIC O
- Tungsten Carbide.Ni -binder W

3. Auxiliary Seal

- Fluorocarbon Rubber FKM V
- Etylene Propylene Rubber EPDM E
- Perfluorocarbon Rubber FFKM K

4. Spring

- GrNi-Steel (AIS1304) F
- GrNiMo-Steel (AIS1316) G
- HastelloyC-4 M

5. Metal Parts

- GrNi-Steel (AIS1304) F
- GrNiMo-Steel (AIS1316) G
- HastelloyC-4 M