

SPI-M125

John Crane Type58U/59U Replacement
Technical Data Sheet



Features

Multiple Spring Design
Unbalanced Seal
DIN 24960/ISO 3069 Standard
Equivalent to Type58U
Type59U

SPI-M125 Auxiliary seal is rubber O-ring structure SPI-M125 Auxiliary seal is PTFE wedge ring structure

Recommended Applications

Multiple Spring Design
Unbalanced Seal
DIN 24960/ISO 3069 Standard
Equivalent to Type58U
Type59U

Operating range

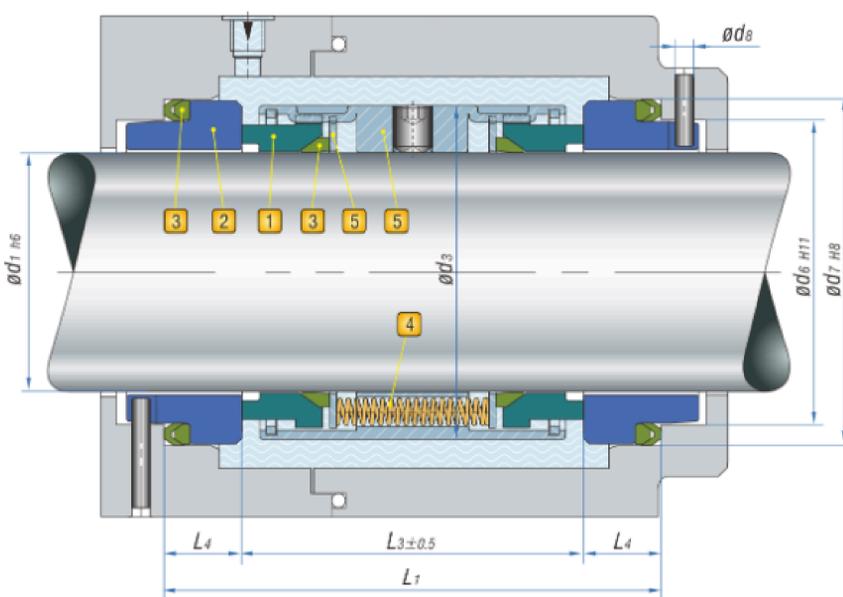
Shaft diameter: $d_1=14\text{...}100$ mm
Pressure: $p=0\text{...}1.7$ Mpa (246.5psi)
Temperature: $t = -40$ °C .. 200 °C(-40°F to 392°F)
(58U)

$t = -29$ °C .. 260 °C(-20.2°F to 500°F)(59U)

Sliding velocity: $V_g \leq 25$ m/s (82ft/s) (5000 fpm)

Notes: The range of pressure, temperature and sliding velocity is depend on seals combination materials

Product Structure



Combination Materials

1. Rotary Face

- Carbon graphite, resin impreg A_K
- Reaction Bonded Sic RBSIC O
- Sintered Silicon Carbide SSIC O_1
- Tungsten Carbide.Ni-binder W

2. Stationary Seat

- Reaction Bonded Sic RBSIC O
- Sintered Silicon Carbide SSIC O_1
- Tungsten Carbide.Ni-binder W

3. Auxiliary Seal

- Elastomers O-ring(TG58U)
- Fluorocarbon Rubber FKME V
- Etylene Propylene Rubber EPDM E
- Perfluorocarbon Rubber FFKM K
- PTFE wedge ring (TG59U)
- Pure PTFE T

4. Spring

- GrNiMo-Steel (AIS1316) G
- Hastelloy C-4 M

5. Metal Parts

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