

# SPI-M130

John Crane Type58B/59B Replaceme  
Technical Data Sheet



## Features

Multiple Spring Design  
Ealanced Seal  
DIN 24960/ISO 3069 Standard  
Equivalent to Type58B  
Type59B

SPI-M130 Auxiliary seal is rubber O-ring  
structure SPI-M130 Auxiliary seal is PTFE  
wedge ring structu

## Recommended Applications

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

## Operating range

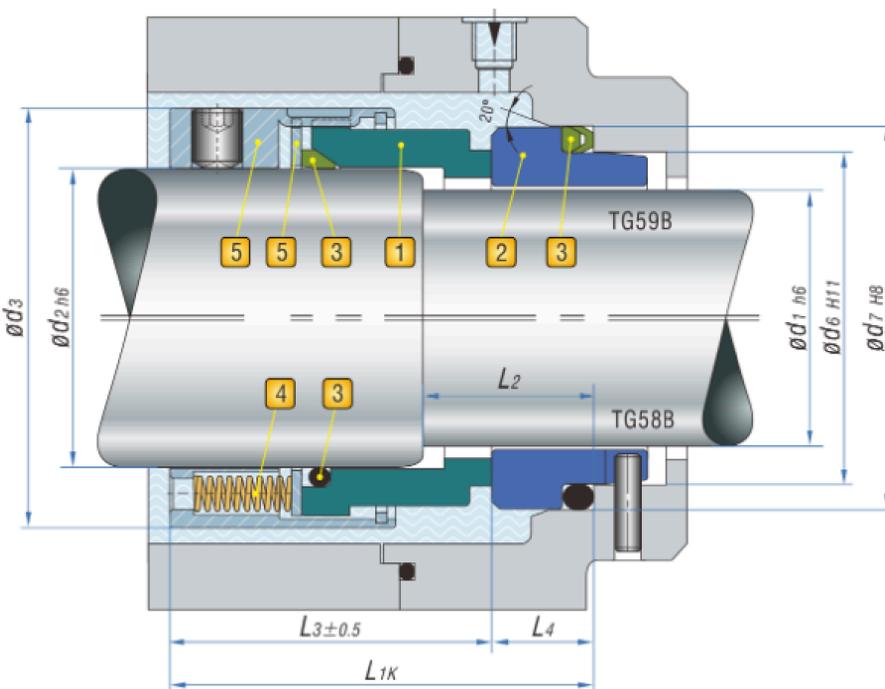
**Shaft diameter:** d1=16...100 mm  
**Pressure:** p=0...5.2Mpa (754psi)  
**Temperature:** t = -40 °C .. 200 °C(-40°F to 392°F)  
(58B)

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

**Sliding velocity:** Vg≤25m/s (82ft/s) (5000 fpm)

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

## Product Structure



## Combination Materials

### 1. Rotary Face

- Carbon graphite, resin impreg A<sub>k</sub>
- Reaction Bonded Sic RBSIC O
- Sintered Silicon Carbide SSIC O<sub>1</sub>
- Tungsten Carbide.Ni-binder W

### 2. Stationary Seat

- Reaction Bonded Sic RBSIC O
- Sintered Silicon Carbide SSIC O<sub>1</sub>
- Tungsten Carbide.Ni-binder W

### 3. Auxiliary Seal

- Elastomers O-ring(TG58B)
- Fluorocarbon Rubber FKM V
- Etylene Propylene Rubber EPDM E
- Perfluorocarbon Rubber FFKM K
- PTFE wedge ring (TG59B)
- Pure PTFE T

### 5. Metal Parts

- GrNi-Steel (AIS1304) F
- GrNiMo-Steel (AIS131 6) G

### 4. Spring

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