

## 2511系列

### ■适用工况

适用于符合 DIN 标准的碳钢及不锈钢反应釜

### ■结构特点

顶部驱动

双端面结构

非平衡型密封

主密封反压型结构设计

符合 DIN28154、DIN28141、DIN28138 part1+3

集装箱式设计

### ■型号说明

2511 : 不带轴承结构

2511-B : 带轴承结构

2511-BT : 带轴承结构, 附加冷却法兰

### ■冲洗应用

需要 PLAN53 或 PLAN54 冲洗方案支持

### ■结构材料

摩擦副匹配 (标配) : Carbon x SiC+Carbon x SiC

其它金属 : 304、316、碳钢

弹簧 : Hast - C4

密封圈 : FKM



### Applications

Designed for carbon steel and stainless steel reactor which meet DIN standard

### Structure Features

Top drive

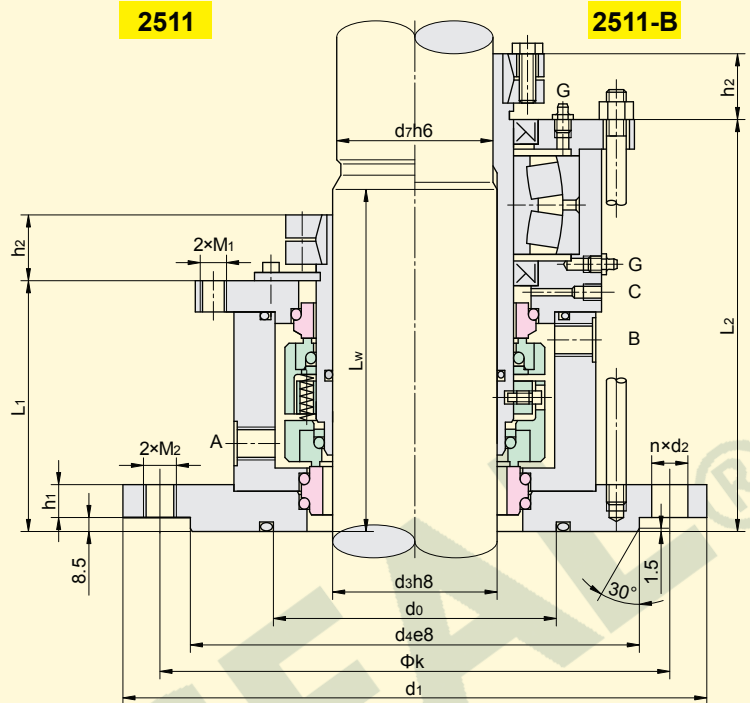
Double seal

Unbalanced

Primary seal uses converse pressure design

In accordance with DIN28154, DIN28141 and DIN28138 part1+3

Cartridge design



- A 缓冲液入口 Buffer fluid resp .quench IN
- B 缓冲液出口 Buffer fluid resp .quench OUT
- C 排液 Drainage
- G 润滑脂入口 Grease point

### Type Descriptions

2511 : Without bearing

2511 - B : With bearing

2511 - BT : With bearing, and additional cooling flange

### Flush Applications

Use PLAN 53 or PLAN 54

### Materials

Seal face(standard) : Carbon x SiC+ Carbon x SiC

Other metals : 304, 316, carbon steel

Springs : Hast - C4

Seal ring : FKM

### 运行参数 Operating Parameters

温度 Temperature

1511/1511 - B : -20 to +200 (-4 F to + 392 F)

1511 - BT : -20 to +300 (-4 F to + 572 F)

压力 Pressure : to 16bar

速度 Speed : to 4m/s

### 安装尺寸表

| Size | d <sub>3</sub> | d <sub>7</sub> | d <sub>1</sub> | n x d <sub>2</sub> | d <sub>4</sub> | d <sub>0</sub> | k     | L <sub>1</sub> | L <sub>2</sub> | L <sub>w</sub> | h <sub>1</sub> | h <sub>2</sub> | M <sub>1</sub> | M <sub>2</sub> | A, B              | C                 | mm |
|------|----------------|----------------|----------------|--------------------|----------------|----------------|-------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------|----|
| 040  | 40.0           | 38.0           | 175.0          | 4 x 18             | 110.0          | 90.0           | 145.0 | 110.5          | 159.5          | 143.0          | 15.0           | 28.0           | M12            | M16            | Rp <sub>3/8</sub> | Rp <sub>1/8</sub> |    |
| 050  | 50.0           | 48.0           | 240.0          | 8 x 18             | 176.0          | 135.0          | 210.0 | 114.5          | 174.5          | 148.0          | 17.0           | 28.0           | M12            | M16            | Rp <sub>3/8</sub> | Rp <sub>1/8</sub> |    |
| 060  | 60.0           | 58.0           | 240.0          | 8 x 18             | 176.0          | 135.0          | 210.0 | 119.0          | 181.5          | 158.0          | 17.0           | 28.0           | M12            | M16            | Rp <sub>1/2</sub> | Rp <sub>1/8</sub> |    |
| 080  | 80.0           | 78.0           | 275.0          | 8 x 22             | 204.0          | 155.0          | 240.0 | 133.0          | 217.5          | 168.0          | 20.0           | 34.0           | M16            | M20            | Rp <sub>1/2</sub> | Rp <sub>1/8</sub> |    |
| 100  | 100.0          | 98.0           | 305.0          | 8 x 22             | 234.0          | 190.0          | 270.0 | 137.5          | 218.5          | 178.0          | 20.0           | 34.0           | M16            | M20            | Rp <sub>1/2</sub> | Rp <sub>1/8</sub> |    |
| 125  | 125.0          | 120.0          | 330.0          | 8 x 22             | 260.0          | 215.0          | 295.0 | 138.5          | 233.5          | 203.0          | 20.0           | 40.0           | M20            | M20            | Rp <sub>1/2</sub> | Rp <sub>1/8</sub> |    |
| 140  | 140.0          | 135.0          | 395.0          | 12 x 22            | 313.0          | 250.0          | 350.0 | 152.5          | 250.5          | 208.0          | 20.0           | 40.0           | M20            | M20            | Rp <sub>1/2</sub> | Rp <sub>1/8</sub> |    |
| 160  | 160.0          | 150.0          | 395.0          | 12 x 22            | 313.0          | 265.0          | 350.0 | 161.0          | 253.0          | 213.0          | 25.0           | 40.0           | M20            | M20            | Rp <sub>1/2</sub> | Rp <sub>1/8</sub> |    |
| 180  | 180.0          | 170.0          | 445.0          | 12 x 22            | 364.0          | 310.0          | 400.0 | 166.0          | 263.5          | 233.0          | 25.0           | 45.0           | M24            | M20            | Rp <sub>1/2</sub> | Rp <sub>1/8</sub> |    |
| 200  | 200.0          | 190.0          | 445.0          | 12 x 22            | 364.0          | 310.0          | 400.0 | 171.0          | 271.0          | 243.0          | 25.0           | 45.0           | M24            | M20            | Rp <sub>1/2</sub> | Rp <sub>1/8</sub> |    |
| 220  | 220.0          | 210.0          | 505.0          | 12 x 22            | 422.0          | 340.0          | 460.0 | 184.5          | 327.0          | 263.0          | 25.0           | 50.0           | M24            | M20            | Rp <sub>1/2</sub> | Rp <sub>1/8</sub> |    |