

## 结构特点 Design features

- 单端面、平衡型、金属波纹管、集装式密封；
- 螺钉传动结构，任意旋向，压力均匀，结构简单、紧凑，安装方便，泄漏点少，密封性能可靠；
- Single face, balanced, metal bellows, cartridge seal.
- Driven by screws, any rotation direction, compact construction. It can be mounted conveniently.

## 材料 Materials(to DIN24960)

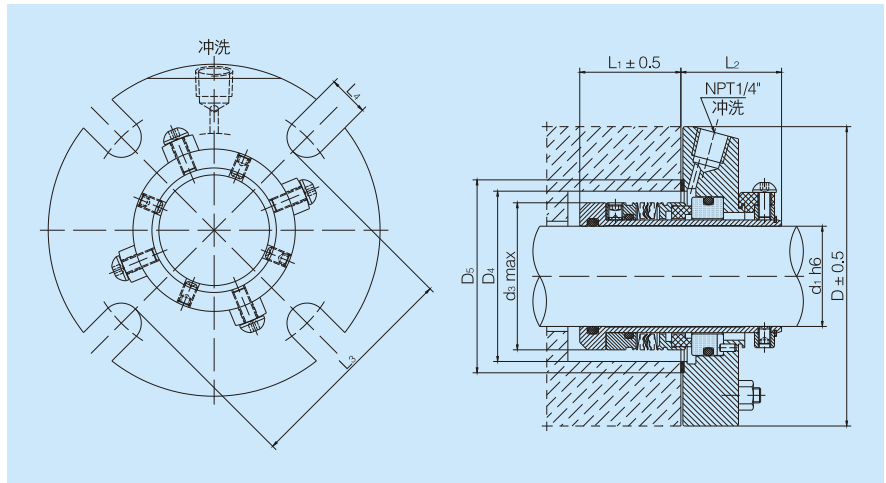
- 旋转环 Rotary Ring: A、B、U12、U22、Q12、Q22
- 静止环 Stationary Ring: U1、U2、Q1、Q2
- 辅助密封 Auxiliary Seal: P、X、E、V、M1
- 波纹管 Bellows: G1、Y
- 其他结构件材料 Other Parts: F、G、T4

## 适用范围 Operating limits

- 压力 Pressure: 真空 Vacuum~2.0MPa
- 温度 Temperature: -30~200℃
- 线速度 Speeds: ≤25m/sec
- 粘度 Viscosity: ≤1.0Pa.s(1000cp)软对硬(Soft VS Hard)  
≤3.5Pa.s(3500cp)硬对硬(Hard VS Hard)

## 介质 Medium

油、水、盐、结晶酸、有机溶剂、高温流体、烃类及其它弱腐蚀性溶液。  
Oil, water, salt, crystallizing acid, organic solvent, hot-molten fluid, hydrocarbon and other weak corrosive fluid, etc.



| 型号 Model         |              | d <sub>1</sub> |             |       | d <sub>3</sub> | D <sub>4min</sub> | D <sub>4max</sub> | D <sub>5</sub> | D   | L <sub>1</sub> | L <sub>2</sub> | L <sub>3</sub> | L <sub>4</sub> |
|------------------|--------------|----------------|-------------|-------|----------------|-------------------|-------------------|----------------|-----|----------------|----------------|----------------|----------------|
| 公制 Metric        | 英制 Imperial  | 公制 Metric      | 英制 Imperial | Inch  | mm             |                   |                   |                |     |                |                |                |                |
| SBS002-024, -025 | SBS002-0.875 | 24, 25         | 0.875       | 22.23 | 39.60          | 41.20             | 52.5              | 48.5           | 95  | 37.9           | 33.2           | 52.4           | 12.0           |
| SBS002-028       | SBS002-1.000 | 28             | 1.000       | 25.40 | 42.80          | 44.40             | 57.0              | 51.6           | 100 | 38.3           | 33.3           | 55.6           | 12.0           |
| SBS002-030, -032 | SBS002-1.125 | 30, 32         | 1.125       | 28.58 | 46.00          | 47.60             | 60.0              | 52.8           | 108 | 38.3           | 34.9           | 58.8           | 12.0           |
| SBS002-033, -035 | SBS002-1.250 | 33, 35         | 1.250       | 31.75 | 49.20          | 50.80             | 63.0              | 56.0           | 108 | 38.3           | 38.1           | 62.0           | 12.0           |
| SBS002-038       | SBS002-1.375 | 38             | 1.375       | 34.93 | 52.30          | 53.90             | 66.0              | 59.0           | 111 | 38.3           | 38.1           | 65.0           | 14.0           |
| SBS002-040       | SBS002-1.500 | 40             | 1.500       | 38.10 | 55.50          | 57.10             | 69.5              | 60.3           | 126 | 40.0           | 38.2           | 68.3           | 14.0           |
| SBS002-043, -045 | SBS002-1.625 | 43, 45         | 1.625       | 41.28 | 58.70          | 60.30             | 71.0              | 63.0           | 130 | 42.5           | 38.2           | 70.5           | 14.0           |
| SBS002-048       | SBS002-1.750 | 48             | 1.750       | 44.45 | 61.90          | 63.50             | 79.0              | 70.0           | 133 | 42.5           | 40.0           | 78.0           | 15.0           |
| SBS002-050       | SBS002-1.875 | 50             | 1.875       | 47.63 | 65.00          | 66.60             | 82.5              | 74.0           | 136 | 42.5           | 40.0           | 82.0           | 15.0           |
| SBS002-053       | SBS002-2.000 | 53             | 2.000       | 50.80 | 68.20          | 69.80             | 86.0              | 76.5           | 140 | 44.2           | 40.0           | 84.5           | 15.0           |
| SBS002-055       | SBS002-2.125 | 55             | 2.125       | 53.98 | 71.40          | 73.00             | 91.5              | 82.5           | 140 | 44.2           | 41.3           | 90.5           | 15.0           |
|                  | SBS002-2.250 |                | 2.250       | 57.15 | 74.60          | 76.20             | 94.0              | 85.0           | 158 | 44.2           | 41.3           | 93.0           | 15.0           |
| SBS002-058, -060 | SBS002-2.312 | 58, 60         | 2.312       | 58.72 | 80.90          | 82.50             | 97.0              | 88.0           | 158 | 44.2           | 41.3           | 93.0           | 15.0           |
|                  | SBS002-2.375 |                | 2.375       | 60.33 | 80.90          | 82.50             | 97.0              | 88.0           | 158 | 44.2           | 41.3           | 96.0           | 15.0           |
| SBS002-065       | SBS002-2.500 | 65             | 2.500       | 63.50 | 84.10          | 85.70             | 100.0             | 91.5           | 158 | 45.7           | 41.3           | 99.5           | 17.0           |
|                  |              |                |             |       | 87.30          | 90.00             | 101.0             | 94.0           | 165 | 46.1           | 44.0           | 100.0          | 17.0           |
| SBS002-070       | SBS002-2.625 | 70             | 2.625       | 66.68 | 92.00          | 95.20             | 112.0             | 98.0           | 170 | 46.1           | 44.0           | 112.0          | 17.5           |
| SBS002-075       | SBS002-2.750 | 75             | 2.750       | 69.85 | 95.20          | 98.40             | 112.0             | 102.0          | 170 | 46.1           | 44.0           | 110.0          | 17.5           |
|                  | SBS002-2.875 |                | 2.875       | 73.03 | 98.40          | 101.60            | 124.0             | 109.0          | 198 | 50.4           | 41.4           | 120.7          | 20.5           |
| SBS002-080       | SBS002-3.000 | 80             | 3.000       | 76.20 | 101.60         | 104.80            | 123.0             | 110.0          | 197 | 50.4           | 41.4           | 120.0          | 20.5           |
| SBS002-085       | SBS002-3.125 | 85             | 3.125       | 79.38 | 104.78         | 108.00            | 127.0             | 113.0          | 190 | 50.4           | 43.6           | 125.0          | 20.5           |
| SBS002-090       | SBS002-3.375 | 90             | 3.375       | 85.73 | 111.13         | 114.35            | 144.0             | 125.0          | 215 | 51.4           | 47.6           | 141.0          | 20.5           |
| SBS002-095       | SBS002-3.500 | 95             | 3.500       | 88.90 | 114.30         | 117.50            | 144.0             | 125.0          | 215 | 51.4           | 47.6           | 141.0          | 20.5           |
|                  | SBS002-3.750 |                | 3.750       | 95.25 | 120.65         | 123.65            | 150.0             | 136.0          | 220 | 52.5           | 47.5           | 145.0          | 20.5           |