

## API Double Metal Bellow Cartridge Seal

### Materials

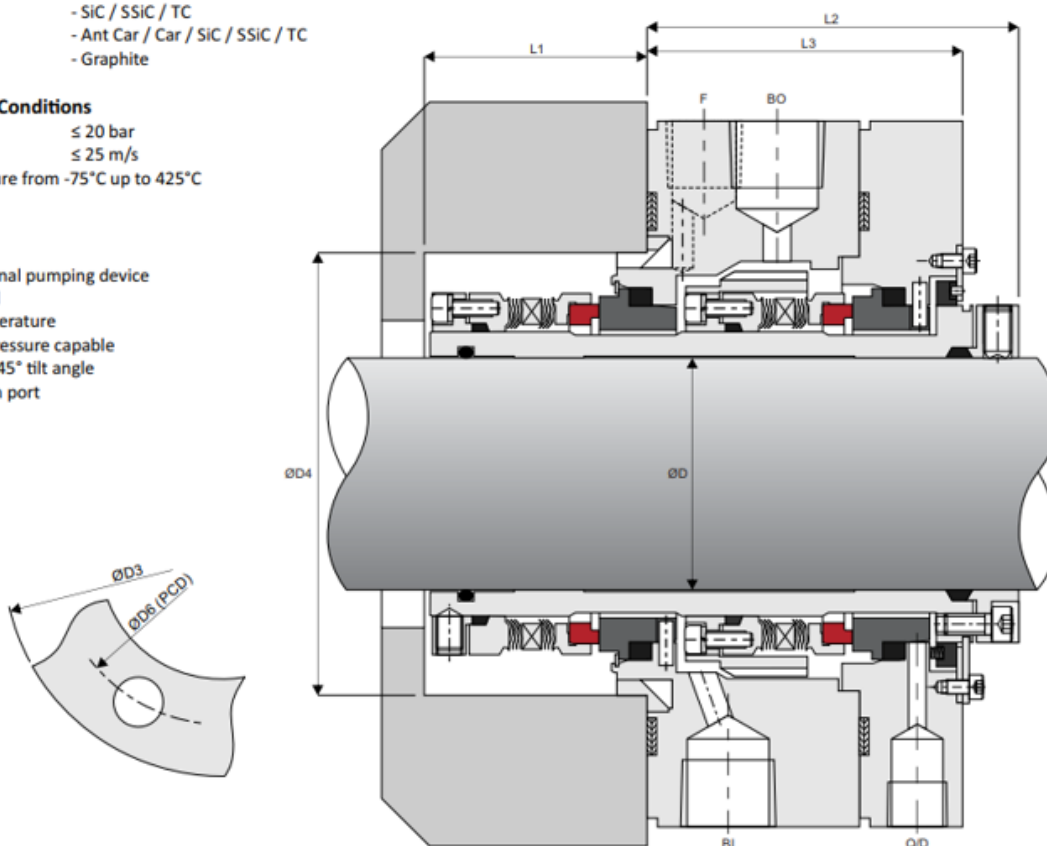
|            |                                   |
|------------|-----------------------------------|
| Stationary | - SiC / SSiC / TC                 |
| Rotary     | - Ant Car / Car / SiC / SSiC / TC |
| Elastomer  | - Graphite                        |

### Working Conditions

|                  |                   |
|------------------|-------------------|
| Pressure         | ≤ 20 bar          |
| Speed            | ≤ 25 m/s          |
| Temperature from | -75°C up to 425°C |

### Features

API 682  
 Bi-directional pumping device  
 Safety seal  
 High temperature  
 Reverse pressure capable  
 Optimum 45° tilt angle  
 Multi-flush port



| Seal Size | Shaft ØD MAX |         | ØD3                               |          | ØD4 |         | STUD SIZE |         | ØD6 PCD |         | L1 |         | L2  |         | L3    |         |
|-----------|--------------|---------|-----------------------------------|----------|-----|---------|-----------|---------|---------|---------|----|---------|-----|---------|-------|---------|
|           | mm           | inch    | mm                                | inch     | mm  | inch    | mm        | inch    | mm      | inch    | mm | inch    | mm  | inch    | mm    | inch    |
| 1         | 20           | (0.787) | NO DESIGN AVAILABLE FOR THIS SIZE |          |     |         |           |         |         |         |    |         |     |         |       |         |
| 2         | 30           | (1.181) | 140                               | (5.512)  | 80  | (3.150) | M12x1.75  | 1/2"-13 | 115     | (4.528) | 52 | (2.047) | 98  | (3.858) | 82.0  | (3.228) |
| 3         | 40           | (1.575) | 150                               | (5.906)  | 90  | (3.543) | M12x1.75  | 1/2"-13 | 125     | (4.921) | 57 | (2.244) | 98  | (3.858) | 82.0  | (3.228) |
| 4         | 50           | (1.969) | 175                               | (6.890)  | 100 | (3.937) | M16x2.0   | 5/8"-11 | 140     | (5.512) | 52 | (2.047) | 108 | (4.252) | 92.0  | (3.622) |
| 5         | 60           | (2.362) | 195                               | (7.677)  | 120 | (4.724) | M16x2.0   | 5/8"-11 | 160     | (6.299) | 57 | (2.244) | 108 | (4.252) | 92.0  | (3.622) |
| 6         | 70           | (2.756) | 205                               | (8.071)  | 130 | (5.118) | M16x2.0   | 5/8"-11 | 170     | (6.693) | 62 | (2.441) | 108 | (4.252) | 92.0  | (3.622) |
| 7         | 80           | (3.150) | 215                               | (8.465)  | 140 | (5.512) | M16x2.0   | 5/8"-11 | 180     | (7.087) | 67 | (2.638) | 108 | (4.252) | 92.0  | (3.622) |
| 8         | 90           | (3.543) | 245                               | (9.646)  | 160 | (6.299) | M20x2.5   | 3/4"-10 | 205     | (8.071) | 62 | (2.441) | 119 | (4.685) | 102.0 | (4.016) |
| 9         | 100          | (3.937) | 255                               | (10.039) | 170 | (6.693) | M20x2.5   | 3/4"-10 | 215     | (8.465) | 67 | (2.638) | 119 | (4.685) | 102.0 | (4.016) |
| 10        | 110          | (4.331) | 265                               | (10.433) | 180 | (7.087) | M20x2.5   | 3/4"-10 | 225     | (8.858) | 72 | (2.835) | 119 | (4.685) | 102.0 | (4.016) |