

## Double Cartridge Seal

### Materials

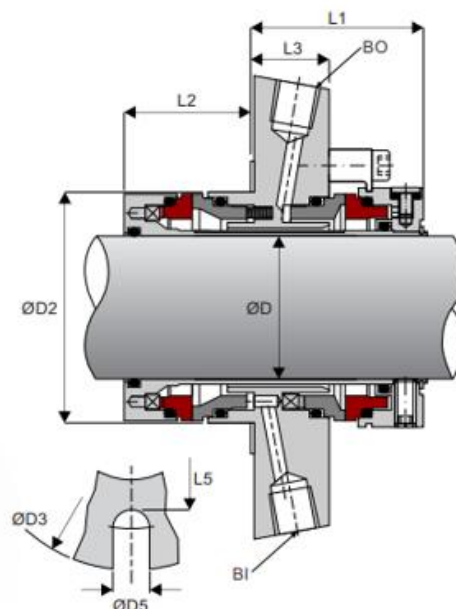
|            |                                     |
|------------|-------------------------------------|
| Stationary | - Car / SiC / SSiC / TC             |
| Rotary     | - SiC / SSiC / TC                   |
| Elastomer  | - NBR / EPDM / Viton / Aflas / FFKM |

### Working Conditions

|                   |          |
|-------------------|----------|
| Pressure          | ≤ 28 bar |
| Speed             | ≤ 23 m/s |
| Temperature up to | 205°C    |

### Features

Stationary Design  
 Monolithic Faces  
 Cushioned Faces  
 Springs outside the media  
 Double pressure balanced  
 Full pressure reversal  
 Manual venting  
 Bi-directional pumping device  
 Barrier fluid guide shroud  
 Tandem active



| Shaft Ø |        | ØD2   | ØD3 | ØD5  | L1   | L2   | L3   | L5  |
|---------|--------|-------|-----|------|------|------|------|-----|
| Inches  | Metric |       |     |      |      |      |      |     |
| 1.000   | 24     | 49.7  | 115 | 12.5 | 50.0 | 35.0 | 22.5 | 67  |
|         | 25     | 49.7  | 115 | 12.5 | 50.0 | 35.0 | 22.5 | 67  |
| 1.125   | 28     | 52.7  | 115 | 12.5 | 50.0 | 35.0 | 22.5 | 67  |
| -       | 30     | 54.7  | 115 | 12.5 | 50.0 | 35.0 | 22.5 | 67  |
| 1.250   | 32     | 57.7  | 130 | 14.7 | 50.0 | 35.0 | 22.5 | 75  |
|         | 33     | 57.7  | 130 | 14.7 | 50.0 | 35.0 | 22.5 | 75  |
| 1.375   | 35     | 59.7  | 130 | 14.7 | 50.0 | 35.0 | 22.5 | 75  |
| 1.500   | 38     | 62.7  | 140 | 14.7 | 50.0 | 35.0 | 22.5 | 82  |
| -       | 40     | 64.7  | 140 | 14.7 | 50.0 | 35.0 | 22.5 | 82  |
| 1.625   | 42     | 66.7  | 140 | 14.7 | 50.0 | 35.0 | 22.5 | 82  |
| -       | 43     | 67.7  | 140 | 14.7 | 50.0 | 35.0 | 22.5 | 82  |
| 1.750   | 45     | 69.7  | 140 | 14.7 | 50.0 | 35.0 | 22.5 | 82  |
| 1.875   | 48     | 72.7  | 150 | 17.5 | 50.0 | 35.0 | 22.5 | 92  |
| 2.000   | 50     | 74.7  | 150 | 17.5 | 50.0 | 35.0 | 22.5 | 92  |
| 2.125   | 53     | 77.7  | 150 | 17.5 | 50.0 | 35.0 | 22.5 | 92  |
| -       | 55     | 79.7  | 160 | 17.5 | 50.0 | 35.0 | 22.5 | 100 |
| 2.250   | 58     | 82.7  | 160 | 17.5 | 50.0 | 35.0 | 22.5 | 100 |
| 2.375   | 60     | 84.7  | 160 | 17.5 | 50.0 | 35.0 | 22.5 | 100 |
| 2.500   | 63     | 87.7  | 180 | 17.5 | 50.0 | 35.0 | 22.5 | 112 |
| -       | 65     | 89.7  | 180 | 17.5 | 50.0 | 35.0 | 22.5 | 112 |
| 2.625   | 68     | 92.7  | 180 | 17.5 | 50.0 | 35.0 | 22.5 | 112 |
| 2.750   | 70     | 94.7  | 180 | 17.5 | 50.0 | 35.0 | 22.5 | 112 |
| 2.875   | -      | 107.8 | 190 | 17.5 | 54.5 | 38.5 | 25.5 | 130 |
| 3.000   | 75     | 107.8 | 190 | 17.5 | 54.5 | 38.5 | 25.5 | 130 |
| -       | 80     | 112.8 | 220 | 17.5 | 54.5 | 38.5 | 25.5 | 135 |
| 3.250   | -      | 117.8 | 220 | 21.5 | 54.5 | 38.5 | 25.5 | 140 |
| 3.250   | 85     | 117.8 | 220 | 21.5 | 54.5 | 38.5 | 25.5 | 140 |
| 3.500   | 90     | 122.8 | 220 | 21.5 | 54.5 | 38.5 | 25.5 | 145 |
| 3.625   | -      | 127.8 | 220 | 21.5 | 54.5 | 38.5 | 25.5 | 150 |
| 3.750   | 95     | 127.8 | 220 | 21.5 | 54.5 | 38.5 | 25.5 | 150 |
| 3.875   | 100    | 132.8 | 240 | 21.5 | 54.5 | 38.5 | 25.5 | 155 |
| 4.000   |        |       |     |      |      |      |      |     |