

## API Double Cartridge Seal

### Materials

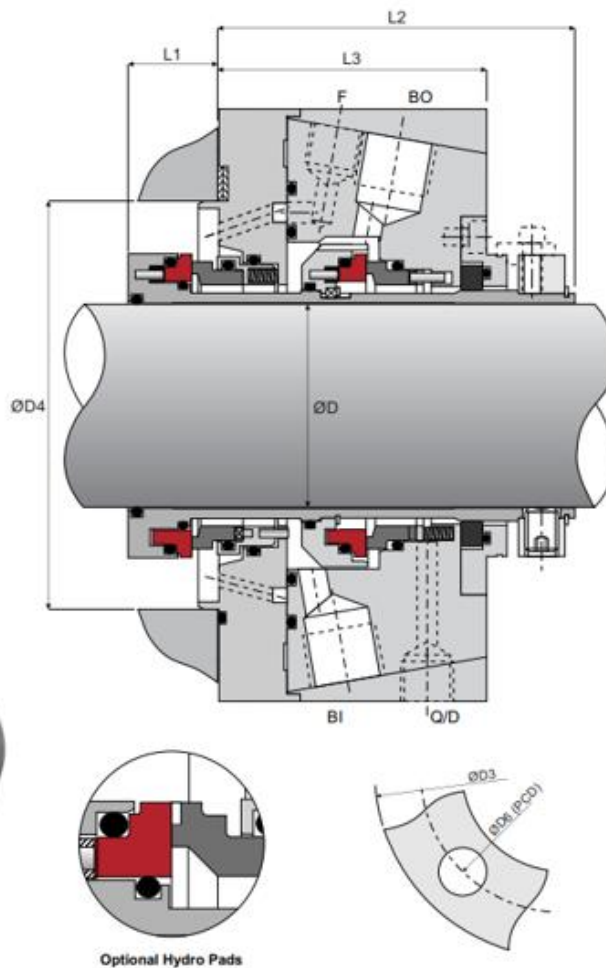
|            |                                     |
|------------|-------------------------------------|
| Stationary | - Car / SiC / SSiC / TC             |
| Rotary     | - SiC / SSiC / TC                   |
| Elastomer  | - NBR / EPDM / Viton / Aflas / FFKM |

### Working Conditions

|                   |          |
|-------------------|----------|
| Pressure          | ≤ 40 bar |
| Speed             | ≤ 25 m/s |
| Temperature up to | 205°C    |

### Features

Stationary design API682  
 Monolithic faces  
 Cushioned faces  
 Double pressure balanced  
 Full pressure reversal  
 Springs outside of media  
 Tandem  
 Bi-directional pumping device  
 Floating quench  
 Multi-flush port  
 Optional hydro pads  
 Narrow inboard face



| 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) | 130 | (5.118)  | 70  | (2.756) | M12x1.75  | 1/2"-13 | 105     | (4.134) | 33 | (1.287) | 95  | (3.740) | 73 | (2.874) |
| 2         | 30           | (1.181) | 140 | (5.512)  | 80  | (3.150) | M12x1.75  | 1/2"-13 | 115     | (4.528) | 33 | (1.287) | 95  | (3.740) | 73 | (2.874) |
| 3         | 40           | (1.575) | 150 | (5.906)  | 90  | (3.543) | M12x1.75  | 1/2"-13 | 125     | (4.921) | 33 | (1.287) | 95  | (3.740) | 73 | (2.874) |
| 4         | 50           | (1.969) | 170 | (6.693)  | 100 | (3.937) | M16x2.0   | 5/8"-11 | 140     | (5.512) | 33 | (1.287) | 105 | (4.134) | 73 | (2.874) |
| 5         | 60           | (2.362) | 190 | (7.480)  | 120 | (4.724) | M16x2.0   | 5/8"-11 | 160     | (6.299) | 33 | (1.287) | 105 | (4.134) | 73 | (2.874) |
| 6         | 70           | (2.756) | 200 | (7.874)  | 130 | (5.118) | M16x2.0   | 5/8"-11 | 170     | (6.693) | 33 | (1.287) | 105 | (4.134) | 73 | (2.874) |
| 7         | 80           | (3.150) | 210 | (8.268)  | 140 | (5.512) | M16x2.0   | 5/8"-11 | 180     | (7.087) | 33 | (1.287) | 105 | (4.134) | 73 | (2.874) |
| 8         | 90           | (3.543) | 240 | (9.449)  | 160 | (6.299) | M20x2.5   | 3/4"-10 | 205     | (8.071) | 33 | (1.287) | 115 | (4.528) | 73 | (2.874) |
| 9         | 100          | (3.937) | 250 | (9.843)  | 170 | (6.693) | M20x2.5   | 3/4"-10 | 215     | (8.465) | 33 | (1.287) | 115 | (4.528) | 73 | (2.874) |
| 10        | 110          | (4.331) | 260 | (10.236) | 180 | (7.087) | M20x2.5   | 3/4"-10 | 225     | (8.858) | 33 | (1.287) | 115 | (4.528) | 73 | (2.874) |