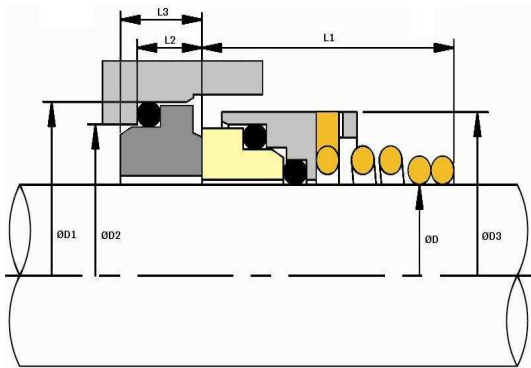




# Type 7B

## VULCAN STANDARD SIZES



| Metric Size D | Size Code | D1     | D2     | D3     | L1    | L2    | L3    | L TOT |
|---------------|-----------|--------|--------|--------|-------|-------|-------|-------|
| 10            | 0100      | 18.10  | 14.00  | 19.00  | 15.00 | 5.50  | 7.00  | 20.50 |
| 12            | 0120      | 20.60  | 16.50  | 21.00  | 18.00 | 5.50  | 7.00  | 23.50 |
| 14            | 0140      | 23.10  | 19.00  | 23.00  | 22.00 | 6.00  | 8.10  | 28.00 |
| 16            | 0160      | 26.90  | 21.00  | 26.00  | 23.00 | 7.00  | 9.10  | 30.00 |
| 18            | 0180      | 30.90  | 25.00  | 29.00  | 24.00 | 8.00  | 9.60  | 32.00 |
| 20            | 0200      | 30.90  | 25.00  | 31.00  | 25.00 | 8.00  | 9.60  | 33.00 |
| 22            | 0220      | 35.40  | 30.00  | 33.00  | 25.00 | 8.00  | 9.60  | 33.00 |
| 24            | 0240      | 35.40  | 30.00  | 35.00  | 27.00 | 8.00  | 9.60  | 35.00 |
| 25            | 0250      | 38.20  | 33.00  | 36.00  | 27.00 | 8.50  | 10.00 | 35.50 |
| 28            | 0280      | 43.30  | 38.00  | 40.00  | 29.00 | 9.00  | 10.50 | 38.00 |
| 30            | 0300      | 43.30  | 38.00  | 43.00  | 30.00 | 9.00  | 10.50 | 39.00 |
| 32            | 0320      | 43.30  | 38.00  | 46.00  | 30.00 | 9.00  | 10.50 | 39.00 |
| 33            | 0330      | 53.50  | 45.00  | 46.00  | 39.00 | 11.50 | 12.60 | 50.50 |
| 35            | 0350      | 53.50  | 45.00  | 49.00  | 39.00 | 11.50 | 12.60 | 50.50 |
| 38            | 0380      | 60.50  | 52.00  | 53.00  | 42.00 | 11.50 | 13.50 | 53.50 |
| 40            | 0400      | 60.50  | 52.00  | 56.00  | 42.00 | 11.50 | 13.50 | 53.50 |
| 43            | 0430      | 60.50  | 52.00  | 59.00  | 47.00 | 11.50 | 13.50 | 58.50 |
| 45            | 0450      | 65.50  | 57.00  | 61.00  | 47.00 | 11.50 | 13.50 | 58.50 |
| 48            | 0480      | 65.50  | 57.00  | 64.00  | 47.00 | 11.50 | 14.50 | 58.50 |
| 50            | 0500      | 72.50  | 64.00  | 66.00  | 46.00 | 11.50 | 13.50 | 57.50 |
| 53            | 0530      | 72.50  | 64.00  | 69.00  | 56.00 | 11.50 | 13.50 | 67.50 |
| 55            | 0550      | 72.50  | 64.00  | 71.00  | 56.00 | 11.50 | 14.50 | 67.50 |
| 58            | 0580      | 78.40  | 69.50  | 76.00  | 56.00 | 11.50 | 13.50 | 67.50 |
| 60            | 0600      | 79.30  | 72.00  | 78.00  | 56.00 | 11.50 | 13.50 | 67.50 |
| 63            | 0630      | 83.40  | 75.00  | 81.00  | 56.00 | 11.50 | 13.50 | 67.50 |
| 65            | 0650      | 84.50  | 77.00  | 84.00  | 66.00 | 11.50 | 13.50 | 77.50 |
| 68            | 0680      | 91.50  | 82.00  | 88.00  | 64.00 | 11.50 | 13.50 | 75.50 |
| 70            | 0700      | 89.50  | 82.00  | 89.60  | 64.00 | 11.50 | 12.50 | 75.50 |
| 75            | 0750      | 94.50  | 87.00  | 98.00  | 64.00 | 11.50 | 13.50 | 75.50 |
| 80            | 0800      | 99.50  | 92.00  | 100.00 | 72.00 | 11.50 | 13.50 | 83.50 |
| 85            | 0850      | 105.50 | 98.00  | 107.50 | 72.00 | 13.50 | 16.00 | 85.50 |
| 90            | 0900      | 111.50 | 105.00 | 111.00 | 72.00 | 13.50 | 16.00 | 85.50 |
| 95            | 0950      | 116.50 | 110.00 | 119.00 | 72.00 | 13.50 | 16.00 | 85.50 |
| 100           | 1000      | 119.50 | 114.00 | 123.80 | 72.00 | 13.50 | 16.00 | 85.50 |

Metric shaft size, robust and resilient, conical spring, direction dependent 'O'-ring mounted rotary with short style 'O'-ring mounted seats. Please state rotation required when ordering. Suitable for general pump duties.

**STANDARD FACE MATERIALS**  
Rotary Face: Ceramic, RB Silicon Carbide, or Tungsten Carbide.  
Seat Ring: Carbon, RB Silicon Carbide, or Tungsten Carbide.

**Suggested Operating Limits**  
Pressure 170psi                      Speed 15m/s  
Temperature -40 to +180°C  
Limits are dependant upon shaft size, shaft speed, temperature, and media to be sealed.