



| Metric Shaft Size DØ | Size Code | D1     | D3     | L1    | CS8DIN SEAT L2 | CS8DINS SEAT L3 | CS8DIN SLOT WIDTH | CS8DIN SLOT DEPTH |
|----------------------|-----------|--------|--------|-------|----------------|-----------------|-------------------|-------------------|
| 10                   | 0100      | 21.00  | 19.00  | 15.50 | 10.00          | 6.60            | 4.00              | 5.00              |
| 12                   | 0120      | 23.00  | 21.00  | 16.00 | 10.00          | 6.60            | 4.00              | 5.00              |
| 14                   | 0140      | 25.00  | 23.00  | 16.50 | 10.00          | 6.60            | 4.00              | 5.00              |
| 16                   | 0160      | 27.00  | 26.00  | 18.00 | 10.00          | 6.60            | 4.00              | 5.00              |
| 18                   | 0180      | 33.00  | 29.00  | 19.50 | 11.50          | 7.50            | 4.00              | 5.50              |
| 20                   | 0200      | 35.00  | 31.00  | 22.00 | 11.50          | 7.50            | 4.00              | 5.50              |
| 22                   | 0220      | 37.00  | 33.00  | 21.50 | 11.50          | 7.50            | 4.00              | 5.50              |
| 24                   | 0240      | 39.00  | 35.00  | 23.50 | 11.50          | 7.50            | 4.00              | 5.50              |
| 25                   | 0250      | 40.00  | 36.00  | 26.50 | 11.50          | 7.50            | 4.00              | 5.50              |
| 28                   | 0280      | 43.00  | 40.00  | 26.50 | 11.50          | 7.50            | 4.00              | 5.50              |
| 30                   | 0300      | 45.00  | 43.00  | 26.50 | 11.50          | 7.50            | 4.00              | 5.50              |
| 32                   | 0320      | 48.00  | 46.00  | 28.50 | 11.50          | 7.50            | 4.00              | 5.50              |
| 33                   | 0330      | 48.00  | 46.00  | 28.50 | 11.50          | 7.50            | 4.00              | 5.50              |
| 35                   | 0350      | 50.00  | 49.00  | 28.50 | 11.50          | 7.50            | 4.00              | 5.50              |
| 38                   | 0380      | 56.00  | 53.00  | 33.50 | 14.00          | 9.00            | 5.00              | 5.50              |
| 40                   | 0400      | 58.00  | 56.00  | 36.00 | 14.00          | 9.00            | 5.00              | 5.50              |
| 43                   | 0430      | 61.00  | 59.00  | 38.50 | 14.00          | 9.00            | 5.00              | 5.50              |
| 45                   | 0450      | 63.00  | 61.00  | 39.50 | 14.00          | 9.00            | 5.00              | 5.50              |
| 48                   | 0480      | 66.00  | 64.00  | 46.00 | 14.00          | 9.00            | 5.00              | 5.50              |
| 50                   | 0500      | 70.00  | 66.00  | 45.00 | 15.00          | 9.50            | 5.00              | 5.50              |
| 53                   | 0530      | 73.00  | 69.00  | 47.00 | 15.00          | 11.00           | 5.00              | 5.50              |
| 55                   | 0550      | 75.00  | 71.00  | 49.00 | 15.00          | 11.00           | 5.00              | 5.50              |
| 58                   | 0580      | 78.00  | 76.00  | 55.00 | 15.00          | 11.00           | 5.00              | 5.50              |
| 60                   | 0600      | 80.00  | 78.00  | 55.00 | 15.00          | 11.00           | 5.00              | 5.50              |
| 63                   | 0630      | 83.00  | 81.00  | 55.00 | 15.00          | 11.00           | 5.00              | 5.50              |
| 65                   | 0650      | 85.00  | 84.00  | 55.00 | 15.00          | 11.00           | 5.00              | 5.50              |
| 68                   | 0680      | 90.00  | 88.00  | 55.00 | 18.00          | 11.30           | 5.00              | 5.50              |
| 70                   | 0700      | 92.00  | 90.00  | 57.00 | 18.00          | 11.30           | 5.00              | 5.50              |
| 75                   | 0750      | 97.00  | 98.00  | 62.00 | 18.00          | 11.30           | 5.00              | 5.50              |
| 80                   | 0800      | 105.00 | 100.00 | 61.80 | 18.20          | 12.00           | 5.00              | 5.50              |

### Description

- Conical spring mechanical seal with O-Ring in rotating and stationary parts

### Characteristics

- Unbalanced Mechanical Seal
- Dependent on direction of rotation

### Operating Limits

- p: <12 Bar
- V: <15 m/s
- t: -40 / +180°C
- \* Temperature is based by material selection
- \* Operating limits are based on PV factor