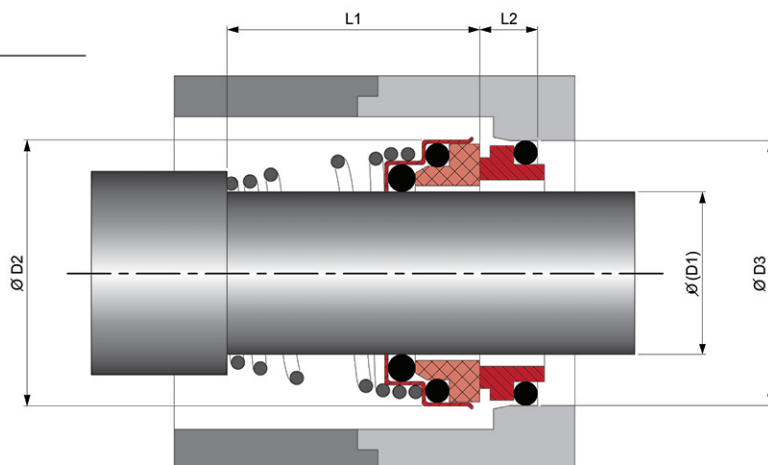


## Elastomer O-Ring Seals

### DS-330



#### Applications

- For use in general industrial applications including process services.
- Lubricating liquids, aqueous solutions, chemicals, corrosives, some acids.

Type DS-330 mechanical seals are suitable for a wide range of services conditions.

#### Standard Materials

- Metal Parts : SUS 316
- Spring : SUS 316
- Rotary Face : Ceramic/Silicon Carbide/ Tungsten Carbide
- Stationary Face : Silicon Carbide/ Tungsten Carbide/Carbon
- Secondary Seals : Fluoroelastomer/Nitrile/ Ethylene Propylene

\*(Other configuration of materials also available on request)

#### Operating Conditions

- Max. Operating Pressure : 10 kg/cm<sup>2</sup> \*
- Temperature Range : -55 to 100 °
- Max. Rubbing Speed : 20 m/s

\*(Depend on combination of materials)

#### Design Features/Benefits

- Non-Clogging, Single Coil Spring will not run foul due to fluid contact.
- Setting-length of spring can be held in position by impeller.
- Easy to fit and can be repaired in the field to minimize downtime and lost revenue.
- Sealing faces are precision lapped to provide effective performance with maximum seal life.

#### Dimensional Data (mm)

| Seal size (D1)<br>(mm) | D2   | D3   | L1 | L2   |
|------------------------|------|------|----|------|
| 10                     | 19.5 | 18.1 | 15 | 5.5  |
| 11                     | 22.5 | 20.3 | 18 | 5.5  |
| 12                     | 22.5 | 20.3 | 18 | 5.5  |
| 13                     | 24.5 | 23.1 | 22 | 6.0  |
| 14                     | 29.0 | 23.1 | 22 | 6.0  |
| 15                     | 29.0 | 26.9 | 22 | 7.0  |
| 16                     | 29.0 | 26.9 | 23 | 7.0  |
| 17                     | 29.0 | 26.9 | 23 | 7.0  |
| 18                     | 32.5 | 30.9 | 24 | 8.0  |
| 19                     | 32.5 | 30.9 | 25 | 8.0  |
| 20                     | 32.5 | 30.9 | 25 | 8.0  |
| 22                     | 37.5 | 35.4 | 25 | 8.0  |
| 24                     | 37.5 | 35.4 | 27 | 8.0  |
| 25                     | 40.0 | 38.2 | 27 | 8.5  |
| 28                     | 46.0 | 43.3 | 29 | 9.0  |
| 30                     | 46.0 | 43.3 | 30 | 9.0  |
| 32                     | 46.0 | 43.3 | 30 | 9.0  |
| 35                     | 50.0 | 53.5 | 39 | 11.5 |

\* Other sizes are available upon request.