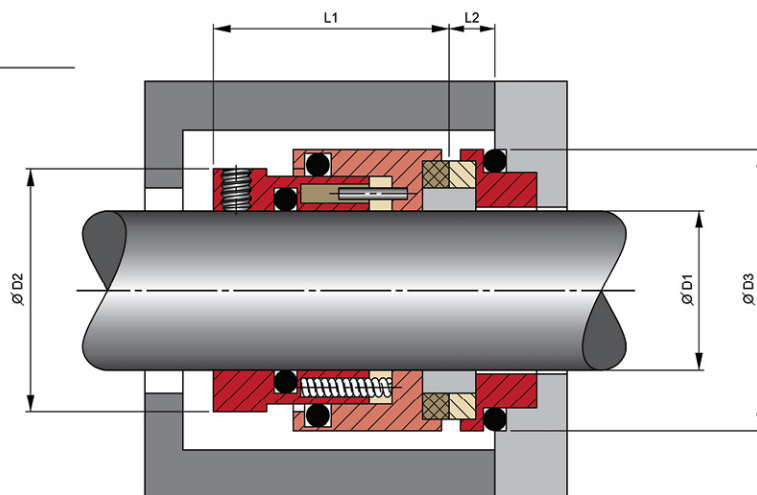


## Elastomer O-Ring Seals

### DS-900



#### Applications

- General and high pressure sealing duties, chemical, including processing, refinery, petrochemical, and liquid rich in solid impurity.
- Oils, solvents, refrigerants, water and food processing, and other demanding applications.

#### Operating Conditions

- Max. Operating Pressure : 25 kg/cm<sup>2</sup> \*
- Temperature Range : -15 to 200 °
- Max. Rubbing Speed : 15 m/s

\*(Depend on combination of materials)

#### Design Features/Benefits

- Multiple springs exert even closing force on seal faces. Ensure even loading of seal face and compensates for acceptable shaft misalignment.
- Springs are isolated from liquid rich in solid impurity.
- Setting-length of spring can be held in position by build in set-ring.

#### Standard Materials

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

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

#### Dimensional Data (mm)

Seal size (D1) (mm)	D2	D3	L1	L2
20	34.5	35	34.0	8.0
22	36.5	35	34.0	8.0
24	38.5	39	34.5	8.0
25	39.5	40	34.5	8.0
28	43.5	43	34.5	8.0
30	44.5	45	34.5	8.0
32	46.5	48	34.5	8.0
33	47.5	48	34.5	8.0
35	49.5	50	35.5	8.0
38	55.0	56	35.5	8.5
40	57.0	58	35.5	8.5
45	62.0	63	35.5	8.5
50	67.0	68	35.5	8.5
55	72.0	73	37.5	8.5
60	80.0	81	39.0	9.5
65	87.0	86	39.0	9.5

\* Other sizes are available upon request.