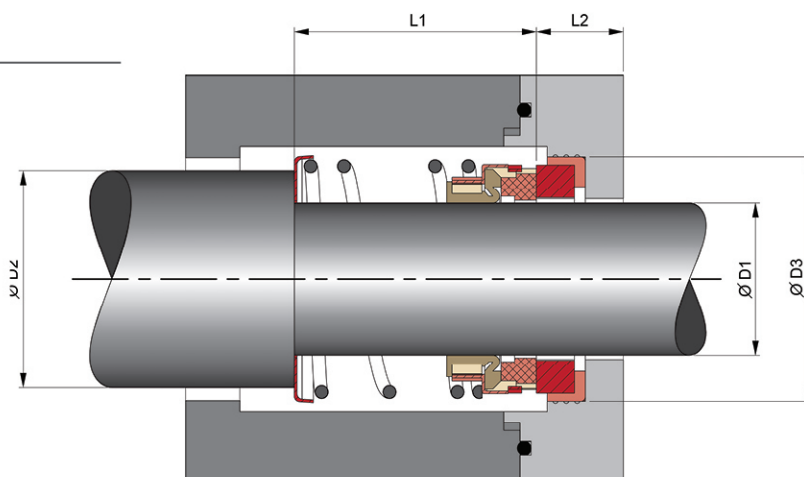


Elastomer Bellows Seals

DS-300



Applications

- For use in pumps, mixers, blenders, agitators, compressors, chillers, and other rotary shaft equipment.
- For pulp and paper, petrochemical, food processing, wastewater treatment and other demanding applications.

Type DS-300 mechanical seals is a general purpose elastomer bellows nonpusher seal.

Standard Materials

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

*(Other configuration of materials also available on request)

Operating Conditions

- Max. Operating Pressure : 15 kg/cm² *
- Temperature Range : -55 to 100 °C *
- 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.
- Automatic adjustment fully compensates for normal shaft end play and run-out, seal face wear, and equipment tolerances.
- Sealing faces are precision lapped to provide effective performance with maximum seal life.

Dimensional Data (mm)

Seal size (D1) (mm)	D2	D3	L1	L2
14	28.0	28	18.5	7
15	30.0	28	22.5	7
16	32.0	32	23.5	10
18	32.5	35	26.5	10
19	32.5	35	26.5	10
20	35.5	38	28.0	10
22	37.5	40	30.3	10
25	42.0	44	29.3	10
28	45.5	46	30.0	10
30	48.0	50	30.0	10
32	50.0	54	30.0	10
35	54.5	58	32.0	10
38	58.5	60	32.6	10
40	62.5	64	32.6	10
45	66.5	66	35.0	10
50	72.5	72	44.6	10
55	76.0	78	47.8	12
60	80.0	80	51.0	12
70	92.0	92	49.0	11

* Other sizes are available upon request.