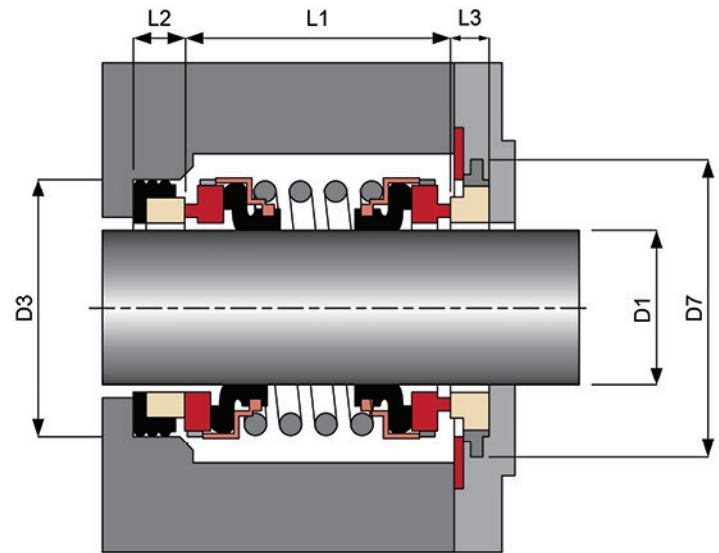


Elastomer Bellows Seals

DS-300DL



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-300DL double 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.)	D3	D7	L1	L2	L3
18	35	38	32	7	10
19	35	38	32	7	10
20	38	44	35	7	7
25	44	50	37	7	7
30	50	57	42	9	8
35	58	64	43	9	9
40	64	70	44	11	9
45	66	70	46	10	9
50	72	80	50	10	9

* Other sizes are available upon request.