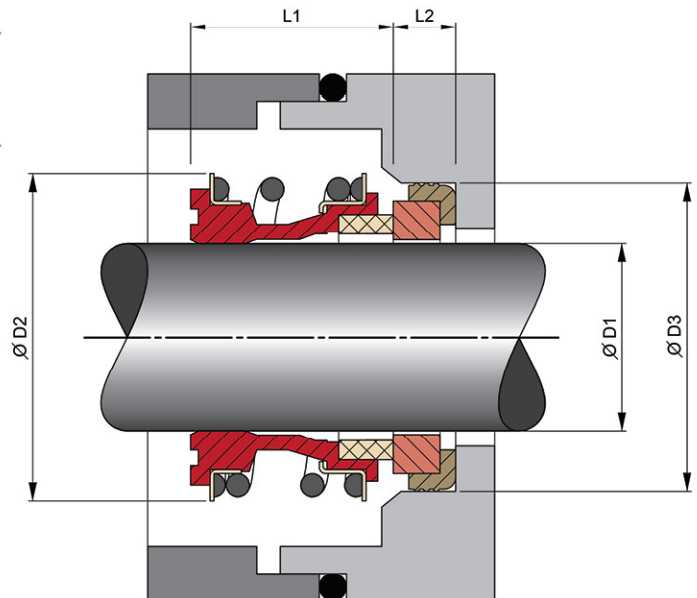


Elastomer Bellows Seals

DS-G1



Applications

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

Type DS-G1 mechanical seals is a general purpose elastomer bellows non-pusher seal.

Operating Conditions

- Max. Operating Pressure : 8 kg/cm² *
- Temperature Range : -15 to 200 °C *
- Max. Rubbing Speed : 10 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.

Standard Materials

- Metal Parts : SUS 316
- Spring : SUS 316
- Rotary Face : Silicon Carbide/ Tungsten Carbide/Carbon
- Stationary Face : Silicon Carbide/Ceramic/ 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
10	22.5	21	14.5	10.0
12	25.0	23	15.0	10.0
14	28.5	25	17.0	10.0
16	28.5	27	17.0	10.0
18	32.0	33	19.5	11.5
20	37.0	35	21.5	11.5
22	37.0	37	21.5	11.5
24	42.5	39	22.5	11.5
25	42.5	40	23.0	11.5
28	49.0	43	26.5	11.5
30	49.0	45	26.5	11.5
32	53.5	48	27.5	11.5
33	53.5	48	27.5	11.5
35	57.0	50	28.5	11.5
38	59.0	56	30.0	14.0
40	62.0	58	30.0	14.0
43	65.5	61	30.0	14.0
45	68.0	63	30.0	14.0
48	70.5	66	30.5	14.0

* Other sizes are available upon request.