

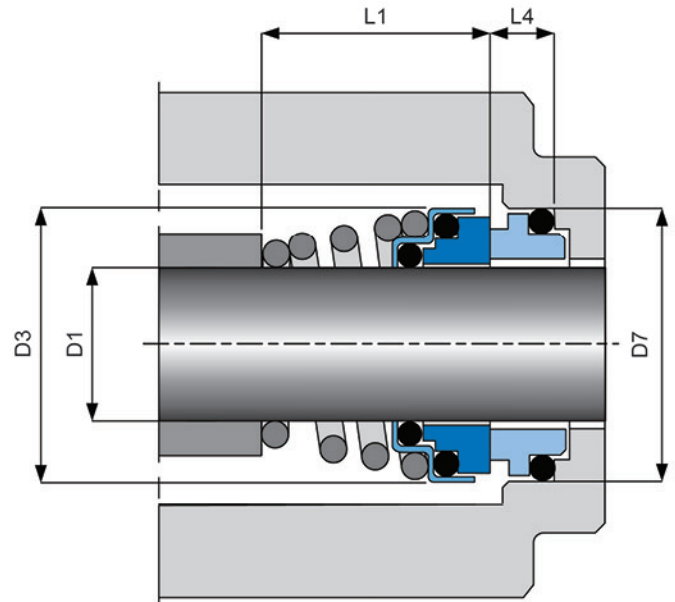


Mechanical Seal Specification

Determine the best sealing solution for your applications.

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/cm²*
- 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.



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Dimensional Data (mm.) DS-330

Seal size (D1) (mm.)	D3	D7	L1	L4
10	20	18.10	15	5.50
11	22	20.60	18	5.50
12	22	20.60	18	5.50
13	25	23.10	22	6.00
14	25	23.10	22	6.00
15	29	26.90	22	7.00
16	29	26.90	23	7.00
17	29	26.90	23	7.00
18	33	30.90	24	8.00
19	33	30.90	25	8.00
20	33	30.90	25	8.00
21	38	35.40	25	8.00
22	38	35.40	25	8.00
23	38	35.40	27	8.00
24	38	35.40	27	8.00
25	40	38.20	27	8.50
28	46	43.30	29	9.00
29	46	43.30	30	9.00
30	46	43.30	30	9.00
32	46	43.30	30	9.00
33	48	53.50	39	11.50
35	50	53.50	39	11.50
38	58	60.50	39	11.50
40	58	60.50	39	11.50

* Other sizes are available upon request.

Dimensional Data (mm.) DS-330B

Seal size (D1) (mm.)	D3	D7	L1	L4
10	20	21	15	7
12	22	23	18	7
14	25	25	22	7
16	29	27	23	7
18	33	33	24	10
20	33	35	25	10
22	38	37	25	10
24	38	39	27	10
25	40	40	27	10
28	46	43	29	10
30	46	45	30	10
32	46	48	30	10
33	48	48	39	10
35	50	50	39	10
38	56	56	42	13
40	58	58	42	13

* Other sizes are available upon request.



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