

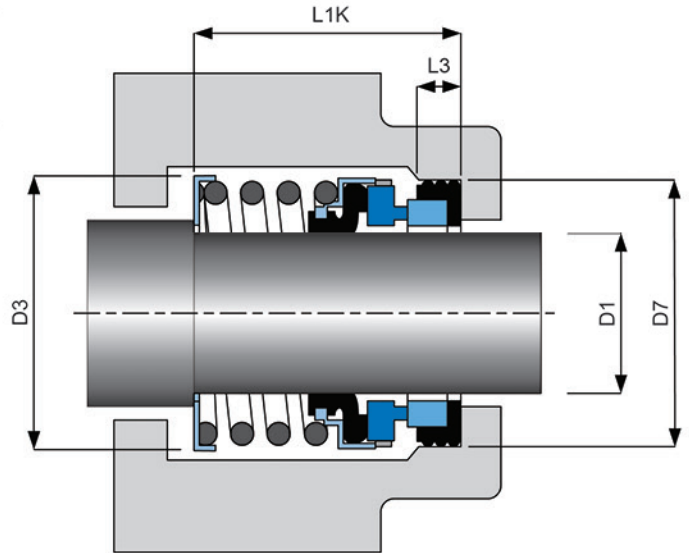


Mechanical Seal Specification

Determine the best sealing solution for your applications.

Elastomer Bellows Seals

TIB-343



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 TIB-343 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 °
- 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.



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Dimensional Data (mm.)

D1	D3	D7	L1K	L3
10	20	21	32.50	5.50
12	22	23	32.50	5.50
14	24	25	35.00	5.50
16	26	27	35.00	5.50
18	32	33	37.50	7.00
20	34	35	37.50	7.00
22	36	37	37.50	7.00
24	38	39	40.00	7.00
25	39	40	40.00	7.00
28	42	43	42.50	7.00
30	44	45	42.50	7.00
32	46	48	42.50	7.00
33	47	48	42.50	7.00
35	49	50	42.50	7.00
38	54	56	45.00	8.00
40	56	58	45.00	8.00
43	59	61	45.00	8.00
45	61	63	45.00	8.00
48	64	66	45.00	8.00
50	66	70	47.50	8.50
53	69	73	47.50	8.50
55	71	75	47.50	8.50
58	78	78	52.50	8.50
60	80	80	52.50	8.50
63	83	83	52.50	8.50
65	85	85	52.50	8.50
68	88	90	52.50	9.50
70	90	92	60.00	9.50
75	99	97	60.00	9.50
80	104	105	60.00	9.00
85	108	110	60.00	10.00
90	114	115	65.00	10.00
95	119	120	65.00	10.00
100	124	125	65.00	10.00

* Other sizes are available upon request.