



Single Spring Rubber Bellow Seal (SRB 20 Series)

SRB 20



Rubber Bellow Seal SRB 20 Series is a single coil spring rubber bellow seal used for Water and Oil Containing Soft Slurry Applications. This seal is mainly used in waste water treatment plants for sewage application. Seal has self aligning feature which compensates abnormal shaft end play and run out, which leads to improved service life. Elastomeric bellow protects shaft and sleeve from fretting.

Applications : Generally used in Water Pumps, Submersible & Sewage Pumps.

Seal Components :

Seal Face :

Carbon / Ceramic

Carbon / Silicon Carbide

Silicon Carbide / Silicon Carbide

Secondary Seal : Nitrile, Viton

Metal Parts : SS 304, SS 316

Seal Characteristics :

- Single Acting
- Unbalanced
- Single Helical Coil Spring
- Independent of Direction of Rotation
- Torque Transmission by Spring Holder

Operating Parameters :

Shaft Dia : 10 to 100 mm

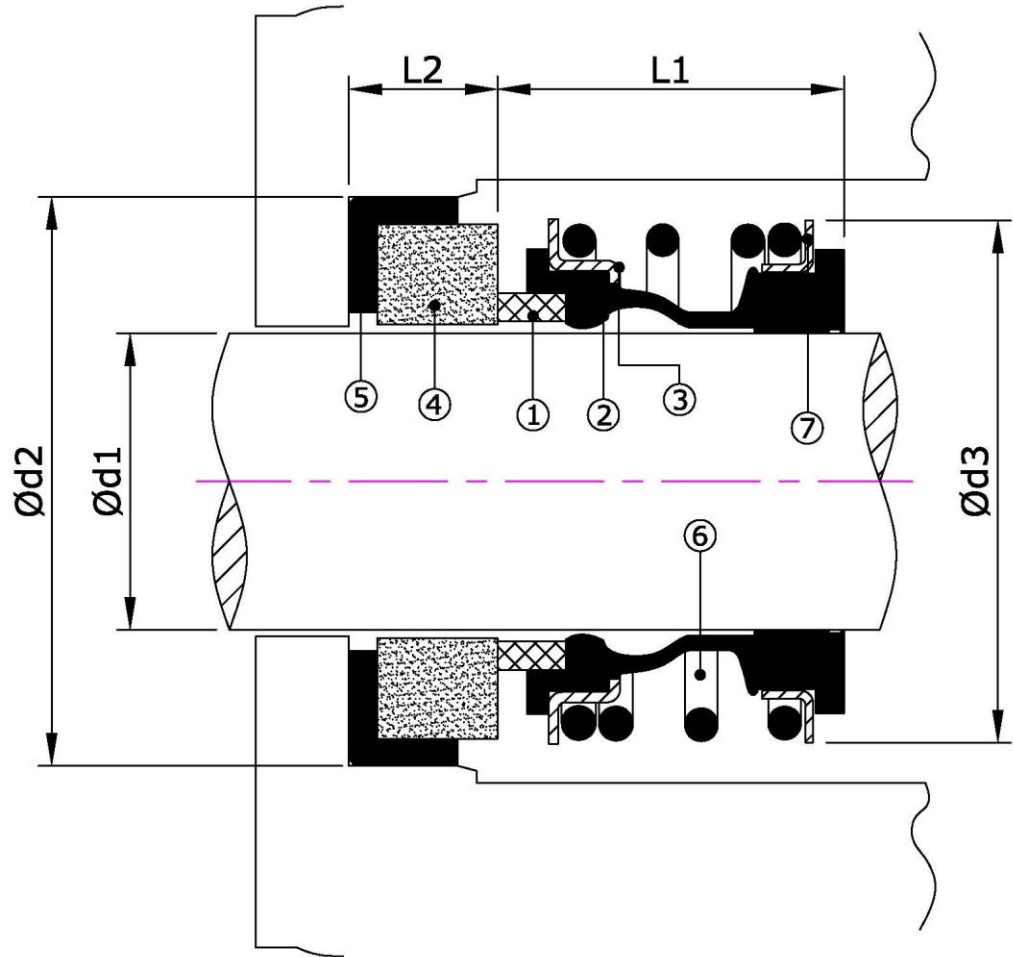
Pressure : 6 Bars (max)

Temperature : -20 to +160° C

Velocity : Up to 20 m/sec



SRB 20



ITEM	DESCRIPTION
1	SEAL RING
2	BELLOW
3	SPRING COLLAR
4	MATING RING
5	RUBBER CUP
6	SPRING
7	SPRING HOLDER



SRB 20 DIMENSIONS IN MILLIMETER

SEAL SIZE	$d1$ $+0.00$ -0.05	$d2$ $+0.05$ -0.05	$d3$	L1	L2
10		21	23.0	15.0	6.5
12		23	25.0	15.0	6.5
14		25	27.5	16.0	6.5
16		27	28.5	17.0	6.5
18		33	32.0	19.5	8.0
20		35	37.0	21.5	8.0
22		37	37.0	21.5	8.0
24		39	42.5	22.5	8.0
25		40	42.5	23.0	8.0
28		43	49.0	26.5	8.0
30		45	49.0	26.5	8.0
32		48	53.5	27.5	8.0
33		48	53.5	27.5	8.0
35		50	57.0	28.5	8.0
38		56	59.0	30.0	9.0
40		58	62.0	30.0	9.0
43		61	65.5	30.0	9.0
45		63	68.0	30.0	9.0
48		66	70.5	30.5	9.0
50		70	74.0	30.5	9.5
55		75	81.0	35.0	9.5
58		78	85.5	37.0	9.5
60		80	88.5	38.0	9.5
65		85	93.5	40.0	9.5
68		90	96.5	40.0	10.5
70		92	99.5	40.0	10.5
75		97	107.0	40.0	10.5
80		105	112.0	40.0	11.0
85		110	120.0	41.0	11.0
90		115	127.0	45.0	11.0
95		120	132.0	46.0	11.0
100		125	137.0	47.0	11.0