



Single Spring Rubber Bellow Seal (SRB 10 Series)

SRB 10



Rubber Bellow Seal SRB 10 Series is a single coil spring seal with elastomeric bellow designed for Water, Oil and Light Duty Applications. This seal has self aligning feature which compensate 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 Pumps & Hot Oil Pumps.

Seal Components :

Seal Face :

Carbon / Lecrolloy

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 Elastomer Bellow

Operating Parameters :

Shaft Dia : 10 to 80 mm

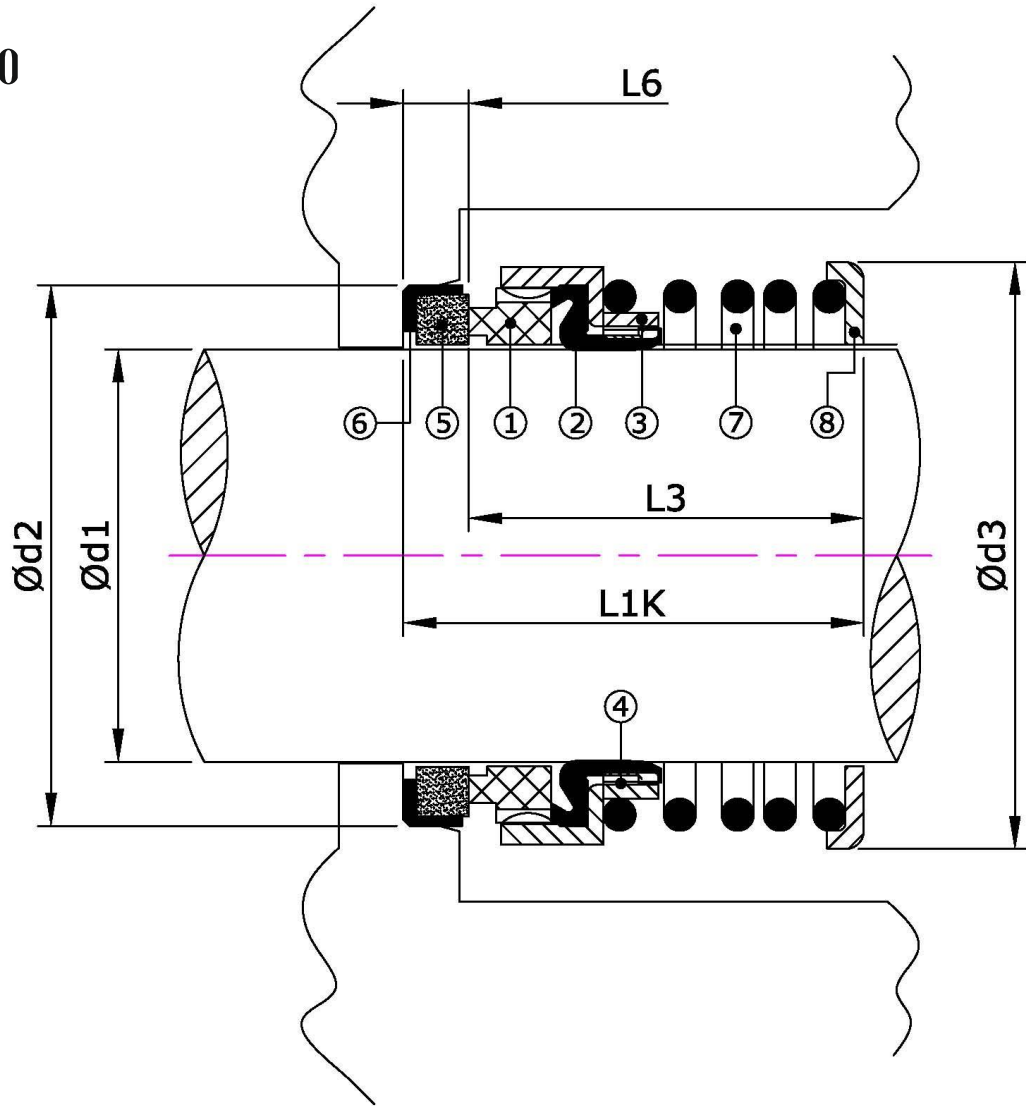
Pressure : 8 Bars (max)

Temperature : -20 to +160°C

Velocity : Up to 20 m/sec



SRB 10



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



SRB 10 DIMENIONS IN MILLIMETER

SEAL SIZE					
$d1$ $+0.00$ -0.05	$d2$ $+0.05$ -0.05	$d3$	L6	L3	L1K
10.0	21.0	21.0	6.6	18.0	24.6
12.0	23.0	24.0	6.6	20.0	26.6
14.0	25.0	25.0	6.6	20.0	26.6
16.0	27.0	26.0	6.6	22.0	28.6
18.0	33.0	28.0	7.5	22.0	29.5
20.0	35.0	30.0	7.5	22.0	29.5
22.0	37.0	34.0	7.5	22.0	29.5
24.0	39.0	38.5	7.5	23.0	30.5
25.0	40.0	38.5	7.5	25.0	32.5
28.0	43.0	42.5	7.5	33.0	40.5
30.0	45.0	45.0	7.5	33.0	40.5
32.0	48.0	46.0	7.5	33.0	40.5
33.0	48.0	46.0	7.5	33.0	40.5
35.0	50.0	49.0	7.5	33.0	40.5
38.0	56.0	52.5	9.0	33.0	42.0
40.0	58.0	56.0	9.0	33.0	42.0
43.0	61.0	58.0	9.0	33.0	42.0
45.0	63.0	62.0	9.0	33.0	42.0
48.0	66.0	65.0	9.0	38.0	47.0
50.0	70.0	68.0	9.5	38.0	47.5
53.0	73.0	72.0	11.0	38.0	49.0
55.0	75.0	74.0	11.0	40.0	51.0
58.0	78.0	79.0	11.0	40.0	51.0
60.0	80.0	79.0	11.0	40.0	51.0
63.0	83.0	82.0	11.0	40.0	51.0
65.0	85.0	84.0	11.0	48.0	59.0
68.0	90.0	87.0	11.3	48.0	59.3
70.0	92.0	90.0	11.3	48.0	59.3
75.0	97.0	96.0	11.3	65.0	76.3
80.0	105.0	102.0	12.0	65.0	77.0