



Single Spring Rubber Bellow Seal (SRB 40 Series)

SRB 40



Rubber Bellow Seal SRB 40 Series are single coil spring rubber bellow seals used in Petrochemicals, Food Processing, Pulp & Paper and other demanding Applications. These seals are mainly used in compressors. Seals have 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. Drive to the seal faces is given through notches provided on retainer. Seals can be used for high speed & high pressure applications.

Applications : Generally used in Water Pumps, Mixers, Compressors & Blenders.

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 Drive Ring

Operating Parameters :

Shaft Dia : 0.625 to 2.000 Inch

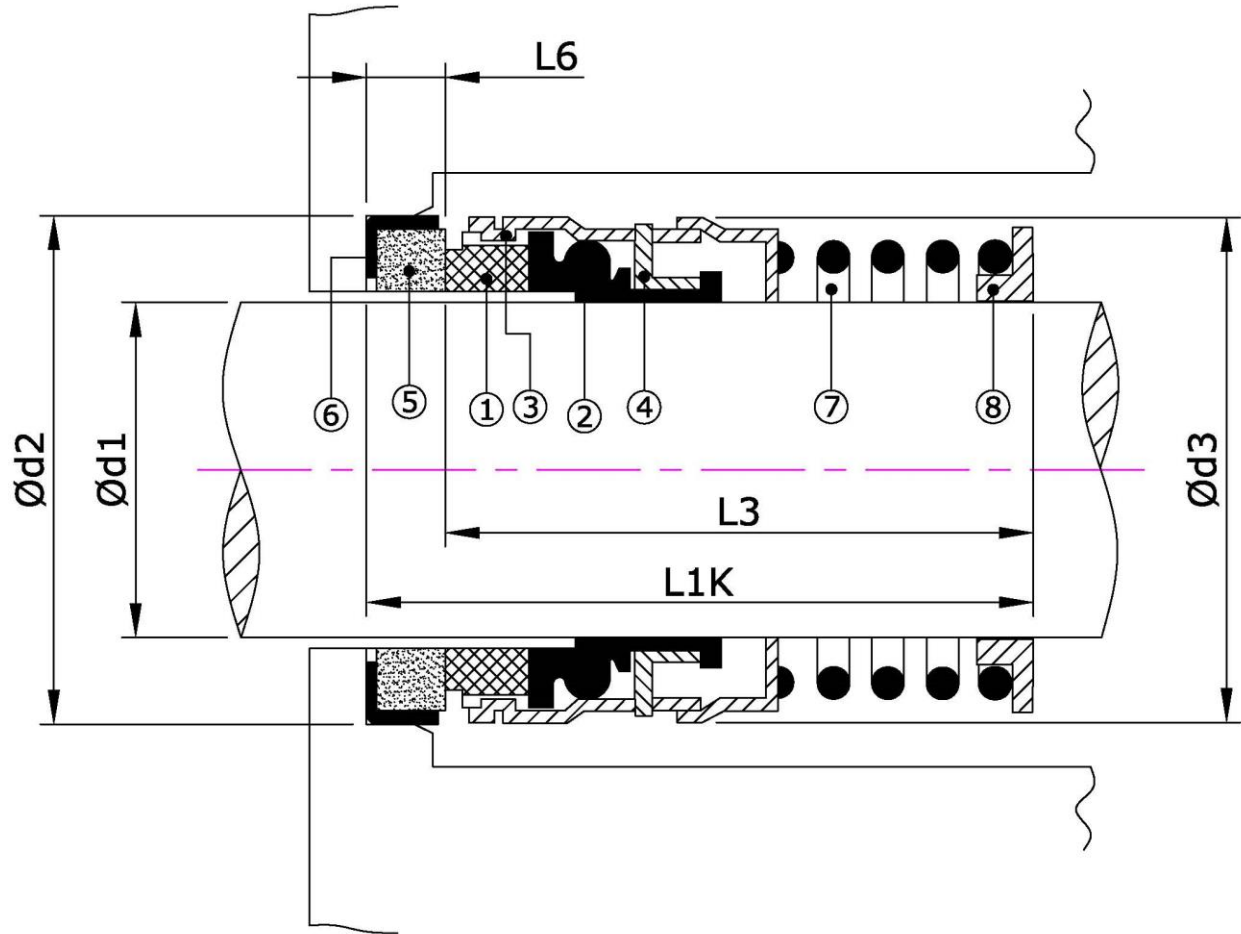
Pressure : 18 Bars (max)

Temperature : -20 to +180° C

Velocity : Up to 20 m/sec



SRB 40



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



SRB 40 DIMENSIONS IN INCH

SEAL SIZE						
d1 +0.00 -0.05		d2 +0.05 -0.05	d3	L6	L3	L1K
Inch	mm					
0.625	15.87	31.750	35.5	8.7	21.3	30.0
0.75	19.05	34.925	39.0	8.7	21.3	30.0
0.875	22.22	38.100	43.5	8.7	23.3	32.0
1.0	25.40	41.275	46.0	9.5	22.5	32.0
1.125	28.58	44.450	49.0	9.5	25.5	35.0
1.25	31.75	47.625	52.5	9.5	25.5	35.0
1.375	34.92	50.800	57.0	9.5	27.5	37.0
1.5	38.10	53.975	59.5	9.5	27.5	37.0
1.625	41.28	60.325	66.0	11.1	30.3	41.4
1.75	44.45	63.500	70.5	11.1	30.3	44.4
1.875	47.62	66.675	73.0	11.1	36.3	47.4
2.0	50.80	69.850	75.5	11.1	36.3	47.4