

RB502

Elastomer Bellows Seals

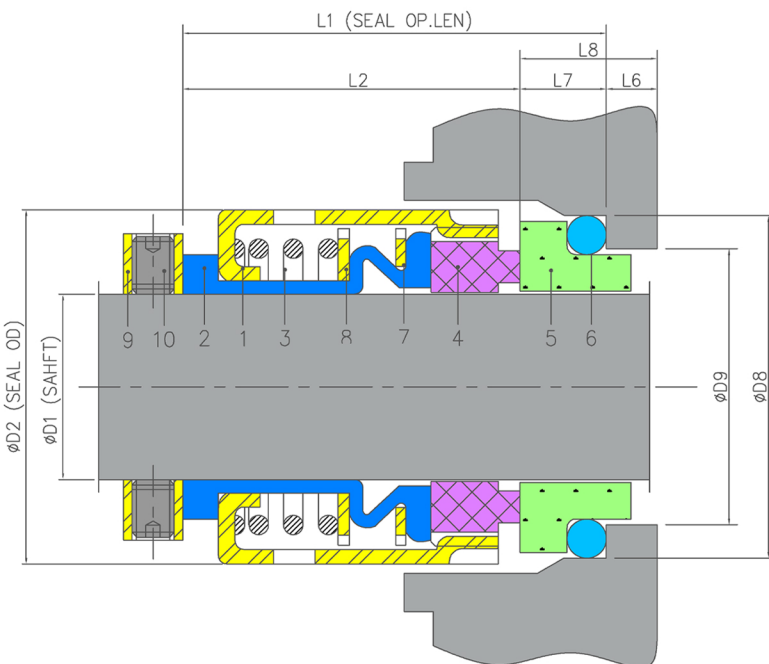


Product Description

1. Single seal configuration
2. Unbalanced Design
3. For Plain Shafts
4. Rotary Elastomer Bellow Design
5. Independent of Direction of Rotation

Technical Features

1. Low Cost Seal Solution
2. Suitable for Mild Sterile Applications
3. No Damage to the Shaft
4. Can be employed for Low Solid Content
5. Multifaceted Application usage



Item	Description
1	Back up ring
2	Bellow
3	Spring
4	Seal ring
5	Mating ring

Item	Description
6	O ring
7,8	Thrust washer
9	Drive collar
10	Set screws

Industrial Application

Chemical Industries
 Food Processing Industry
 Pulp, Paper & Latex
 Water, Waste water and mild Slurries
 Chemical Standard Pumps
 Helical Screw Pumps
 Submersible Pumps

Material Of Construction

Seal Face: Carbon Graphite Antimony Impregnated/Carbon Graphite Resin Impregnated/Silicon -Carbide/Tungsten - Carbide
Seat : Carbon Graphite Antimony Impregnated/Carbon Graphite Resin Impregnated/Silicon - Carbide/Tungsten -Carbide Ceromic
Elastomer: EPDM/NBR/Viton
Metal Parts: S.S.316//Hast'C

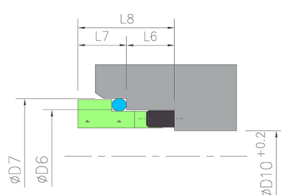
Available Sizes

14mm to 100mm

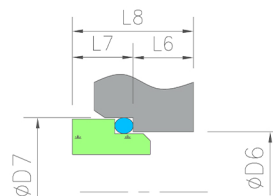
Operating Limits

Pressure = 40kgs/cm² (Max)
Temperature = -40° C to + 205°C
Speed = 13m/s
Permissible Axial Movement= ±0.5mm.

Stationary Seats



DIN LONG MR



DIN SHORT MR

Dimensional Data

All Dimenstions are in MM

D1	D2	D8	D9	L1	L2	L6	L7	L8
14	24.00	25.00	21.00	35.00	23.00	8.5	8.6	17.1
16	26.00	27.00	23.00	35.00	23.00	8.5	8.6	17.1
18	32.00	33.00	27.00	37.50	24.00	9.0	10.0	19.0
20	34.00	35.00	29.00	37.50	24.00	9.0	10.0	19.0
22	36.00	37.00	31.00	37.50	24.00	9.0	10.0	19.0
24	38.00	39.00	33.00	40.00	26.70	9.0	10.0	19.0
26	39.00	40.00	34.00	40.00	27.00	9.0	10.0	19.0
28	42.00	43.00	37.00	42.50	30.00	9.0	10.0	19.0
30	44.00	45.00	39.00	42.50	30.50	9.0	10.0	19.0
32	46.00	48.00	42.00	42.50	30.50	9.0	10.0	19.0
33	47.00	48.00	42.00	42.50	30.50	9.0	10.0	19.0
35	49.00	50.00	44.00	42.50	30.50	9.0	10.0	19.0
38	54.00	56.00	49.00	45.00	32.00	9.0	11.0	20.0
40	56.00	58.00	51.00	45.00	32.00	9.0	11.0	20.0
43	59.00	61.00	54.00	45.00	32.00	9.0	11.0	20.0
45	61.00	63.00	56.00	45.00	32.00	9.0	11.0	20.0
48	64.00	66.00	59.00	45.00	32.00	9.0	11.0	20.0
50	66.00	70.00	62.00	47.50	34.00	8.5	13.0	21.5
53	69.00	73.00	65.00	47.50	34.00	8.5	13.0	21.5
55	71.00	75.00	67.00	47.50	34.00	8.5	13.0	21.5
58	78.00	78.00	70.00	52.50	39.00	8.5	13.0	21.5
60	80.00	80.00	72.00	52.50	39.00	8.5	13.0	21.5
63	83.00	83.00	75.00	52.50	39.00	8.5	13.0	21.5
65	85.00	85.00	77.00	52.50	39.00	8.5	13.0	21.5
68	88.00	90.00	81.00	52.50	39.00	9.0	15.3	24.3
70	89.00	92.00	83.00	60.00	45.50	9.0	15.3	24.3
75	96.00	97.00	88.00	60.00	45.50	9.0	15.3	24.3
80	104.00	105.00	95.00	60.00	45.00	9.0	15.7	24.7
85	108.00	110.00	100.00	60.00	45.00	9.0	15.7	24.7
90	114.00	115.00	105.00	65.00	50.00	9.0	15.7	24.7
95	118.00	120.00	110.00	65.00	50.00	9.0	15.7	24.7
100	124.00	125.00	115.00	65.00	50.00	9.0	15.7	24.7

Note: Additional technical & dimensional information will be provided on request