

RMG1,12,13&1S20

Elastomer Bellows Seals

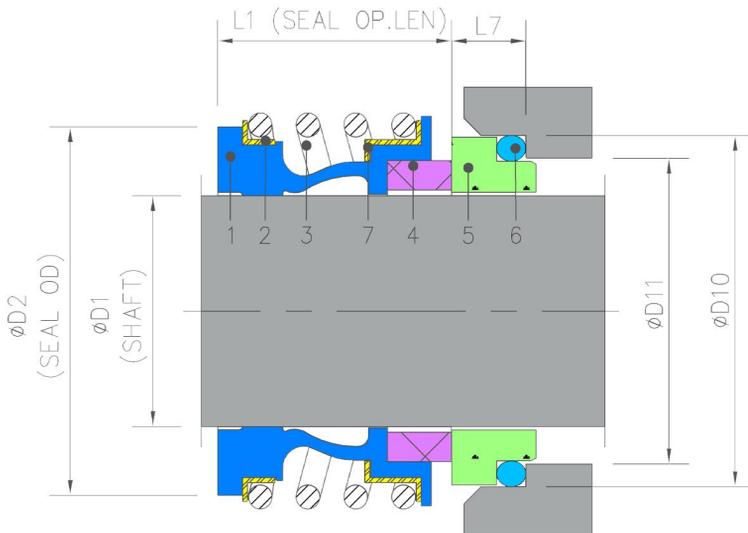


Product Description

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	Bellow
2	Spring holder
3	Spring
4	Seal ring

Item	Description
5	Mating ring
6	MR Packing
7	Spring Holder

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/ceramic
Elastomer: EPDM/NBR/Viton
Metal Parts: S.S.316/S.S.304/Hast'C

Available Sizes

10mm to 100mm

Operating Limits

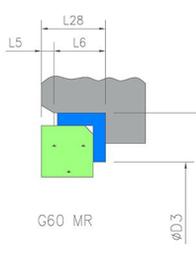
Pressure = 16kgs/cm² (Max)

Temperature = -20° C to + 140°C

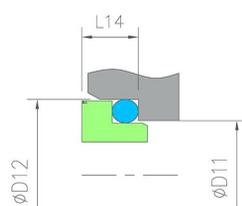
Speed = 10m/s

Permissible Axial Movement= ±2.0mm.

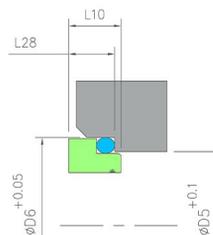
Stationary Seats



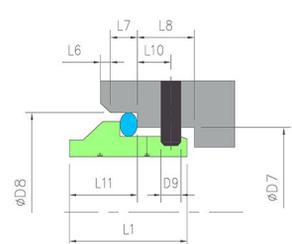
G60 MR



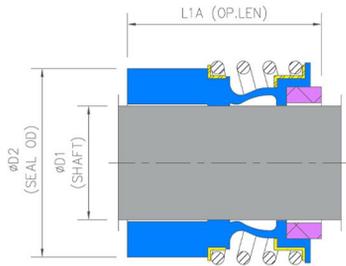
TYPE G4 MR



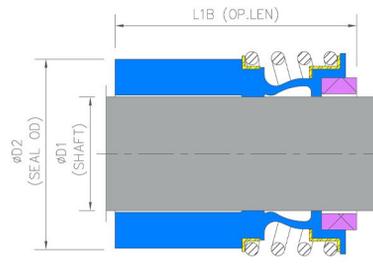
TYPE G6 MR



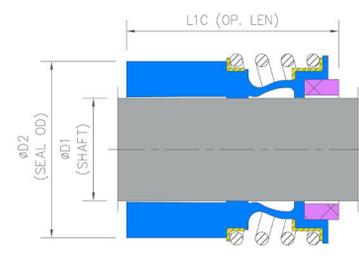
TYPE G9 MR



RMG12



RMG13



RMG1S20

Dimensional Data

D1	D2	D10	D11	L1	L1A	L1B	L1C	L7
10	20.5	15.5	19.2	14.5	25.9	33.4	25.0	6.6
12	22.5	17.5	21.6	15	25.9	33.4	25.0	5.6
14	26.5	20.5	24.6	17	28.4	33.4	25.0	5.6
15	26.5	20.5	24.6	17	28.4	33.4	25.0	6.6
16	26.5	22.0	28.0	17	28.4	33.4	25.0	7.5
18	29	24.0	30.0	19.5	30	37.5	25.0	8.0
19	33	-	-	21.5	30	37.5	25.0	-
20	33	29.5	35.0	21.5	30	37.5	25.0	7.5
22	33	29.5	35.0	21.5	30	37.5	25.0	7.5
24	38	32.0	38.0	22.5	32.5	42.5	25.0	7.5
25	38	32.0	38.0	23	32.5	42.5	25.0	7.5
28	44	36.0	42.0	26.5	35	42.5	33.0	9.0
30	44	39.2	45.0	26.5	35	42.5	33.0	10.5
32	46	42.2	48.0	27.5	35	47.5	33.0	10.5
33	46	-	-	27.5	35	47.5	33.0	-
35	50	46.2	52.0	28.5	35	47.5	33.0	11.0
38	53	49.2	55.0	30	36	46.0	33.0	10.3
40	55	52.2	58.0	30	36	46.0	33.0	10.8
42	58	53.3	62.0	30	36	51.0	41.0	12.0
43	58	-	-	30	36	51.0	41.0	-
45	60	55.3	64.0	30	36	51.0	41.0	11.6
48	63	59.7	68.4	30.5	36	51.0	41.0	11.6
50	65	60.8	69.3	30.5	38	50.5	41.0	11.6
53	70	-	-	33	36.5	59.0	41.0	-
55	72	66.5	75.4	35	36.5	59.0	41.0	13.3
58	75	69.5	78.4	37	41.5	59.0	41.0	13.3
60	79	71.5	80.4	38	41.5	59.0	41.0	13.3
65	84	76.5	85.4	40	41.5	69.0	49.0	13.0
68	88	82.7	91.5	40	41.2	68.7	49.0	13.7
70	90	83.0	92.0	40	48.7	68.7	49.0	13.0
75	95	90.2	99.0	40	48.7	68.7	52.0	14.0
80	100	95.2	104.0	40	48	78.0	56.0	15.0
85	107	100.2	109.0	41	46	76.0	56.0	14.8
90	114	105.2	114.0	45	51	76.0	59.0	14.8
95	119	111.6	120.3	46	51	76.0	59.0	15.8
100	124	114.5	123.3	47	51	76.0	62.0	15.8

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