

# RMG1,12,13&1S20

## Elastomer Bellows Seals

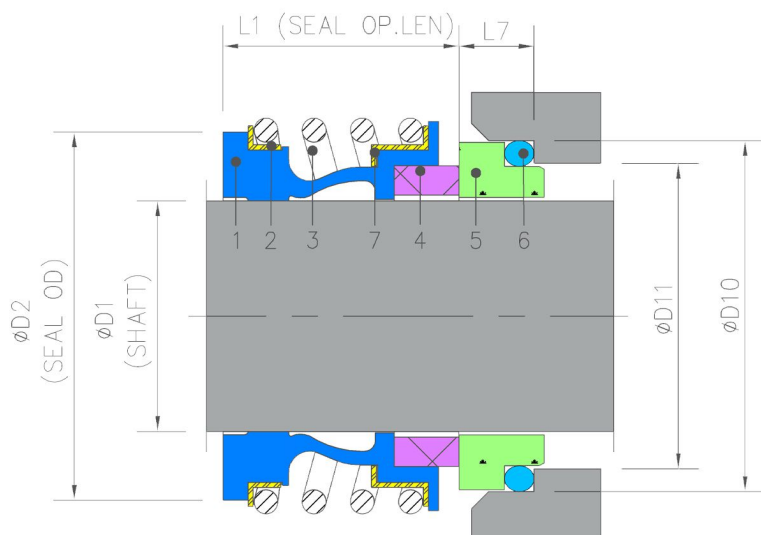


### Product Description

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

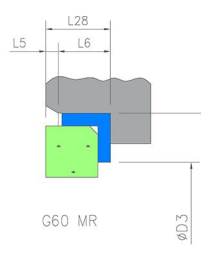
### Available Sizes

10mm to 100mm

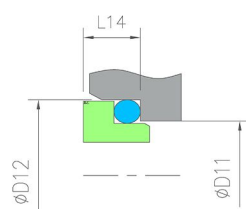
### Operating Limits

**Pressure** = 16kgs/cm<sup>2</sup> (Max)  
**Temperature** = -20° C to + 140°C  
**Speed** = 10m/s  
**Permissible Axial Movement** = ±2.0mm.

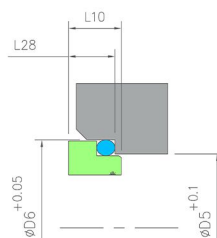
### Stationary Seats



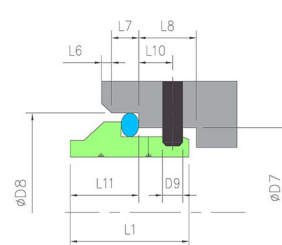
G60 MR



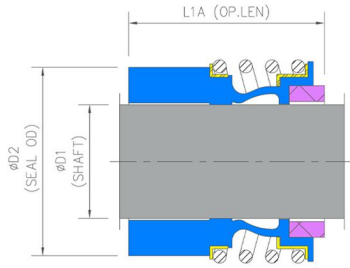
TYPE G4 MR



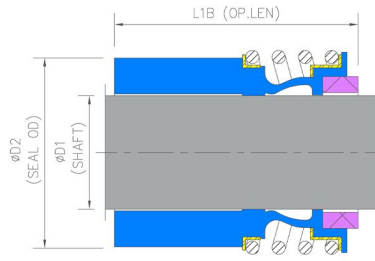
TYPE G6 MR



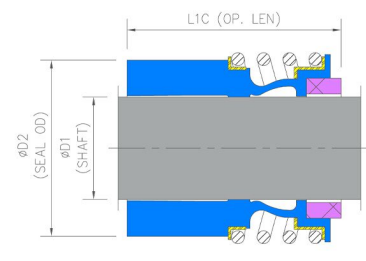
TYPE G9 MR



**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