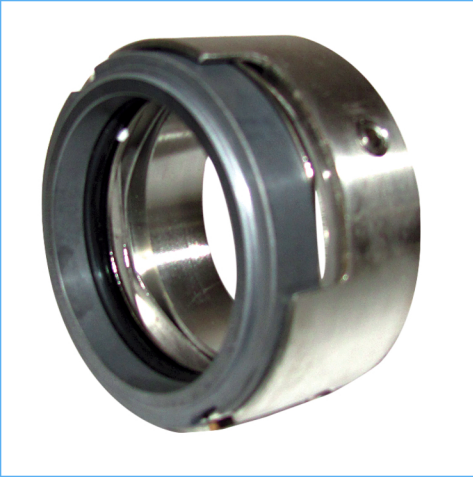


# RM7N

## Unbalanced Pusher Seals

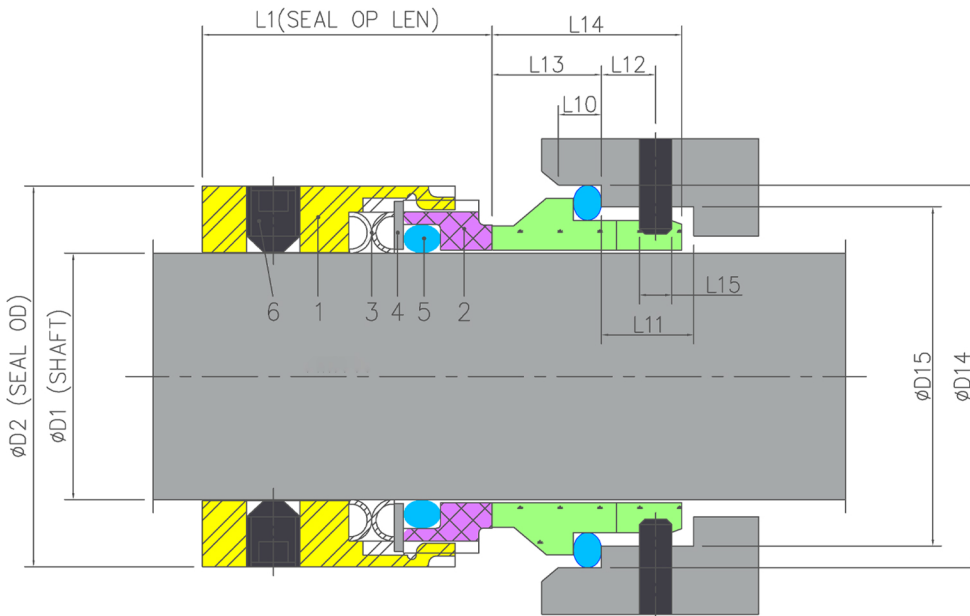


### Product Description

1. Single seal configuration
2. Unbalanced Design
3. Independent of Direction of Rotation.
4. For plain shafts
5. Multiple or wave springs rotary construction
6. Sealing with FEP & Spring energized PTFE seals also available on request.

### Technical Features

1. Versatile torque transmission available
2. Pumping screw for media with higher viscosity also available.
3. Capable of self cleaning
4. Short installation length available.
5. Multifaceted application usage
6. Can be employed for low solids content



Item	Description
1	Driver Collar
2	Seal ring
3	Spring
4	Thrust washer

Item	Description
5	O ring
6	Set Screw

### Industrial Application

- Chemical Industry
- Food and beverage industry
- Medias with low solid contents
- Process industry
- Water and waste water technology
- Chemical standard pumps
- Gear wheel feed pumps
- Multi stage pumps and Vertical screw 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
  - Elastomer** : Viton/Aflas/TTV/EPDM/ KALREZ
  - Metal Parts** : S.S.316 / Hast'C
- Note : Other MOC Combinations On Request

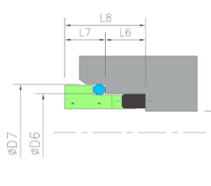
### Available Sizes

20mm to 200mm ( 0.750" to 8.000")  
 Note : Other Sizes On Request

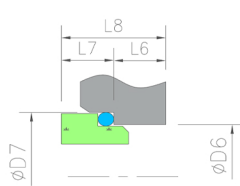
### Operating Limits

**Pressure** = 25.5kgs/cm<sup>2</sup> (Max)  
**Temperature** = -50°C to + 220°C  
**Speed** = 20m/s  
**Permissible Axial Movement** = ±1.0mm

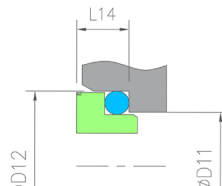
### Stationary Seats



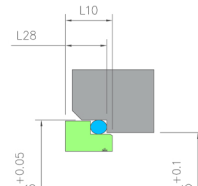
DIN LONG MR



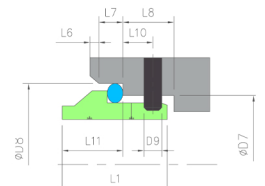
DIN SHORT MR



TYPE G4 MR



TYPE G6 MR



TYPE G9 MR

## Dimensional Data

D1	D2	D14	D15	L1	L10	L11	L12	L13	L14	L15
14.0	25.0	21.0	25.0	25.0	4.0	8.5	5.0	10.0	17.5	3.0
16.0	27.0	23.0	27.0	25.0	4.0	8.5	5.0	10.0	17.5	3.0
18.0	33.0	27.0	33.0	26.0	5.0	9.0	5.0	11.5	19.5	3.0
20.0	35.0	29.0	35.0	26.0	5.0	9.0	5.0	11.5	19.5	3.0
22.0	37.0	31.0	37.0	26.0	5.0	9.0	5.0	11.5	19.5	3.0
24.0	39.0	33.0	39.0	28.5	5.0	9.0	5.0	11.5	19.5	3.0
25.0	40.0	34.0	40.0	28.5	5.0	9.0	5.0	11.5	19.5	3.0
28.0	43.0	37.0	43.0	31.0	5.0	9.0	5.0	11.5	19.5	3.0
30.0	45.0	39.0	45.0	31.0	5.0	9.0	5.0	11.5	19.5	3.0
32.0	47.0	42.0	48.0	31.0	5.0	9.0	5.0	11.5	19.5	3.0
33.0	46.0	42.0	48.0	31.0	5.0	9.0	5.0	11.5	19.5	3.0
35.0	50.0	44.0	50.0	31.0	5.0	9.0	5.0	11.5	19.5	3.0
38.0	55.0	49.0	56.0	31.0	6.0	9.0	5.0	14.0	22.0	4.0
40.0	57.0	51.0	58.0	31.0	6.0	9.0	5.0	14.0	22.0	4.0
43.0	60.0	54.0	61.0	31.0	6.0	9.0	5.0	14.0	22.0	4.0
45.0	62.0	56.0	63.0	31.0	6.0	9.0	5.0	14.0	22.0	4.0
48.0	65.0	59.0	66.0	31.0	6.0	9.0	5.0	14.0	22.0	4.0
50.0	67.0	62.0	70.0	32.5	6.0	9.0	5.0	15.0	23.0	4.0
53.0	70.0	65.0	73.0	32.5	6.0	9.0	5.0	15.0	23.0	4.0
55.0	72.0	67.0	75.0	32.5	6.0	9.0	5.0	15.0	23.0	4.0
58.0	79.0	70.0	78.0	37.5	6.0	9.0	5.0	15.0	23.0	4.0
60.0	81.0	72.0	80.0	37.5	6.0	9.0	5.0	15.0	23.0	4.0
63.0	84.0	75.0	83.0	37.5	6.0	9.0	5.0	15.0	23.0	4.0
65.0	86.0	77.0	85.0	37.5	6.0	9.0	5.0	15.0	23.0	4.0
68.0	89.0	81.0	90.0	34.5	7.0	9.0	5.0	18.0	26.0	4.0
70.0	91.0	83.0	92.0	42.0	7.0	9.0	5.0	18.0	26.0	4.0
75.0	99.0	88.0	97.0	42.0	7.0	9.0	5.0	18.0	26.0	4.0
80.0	104.0	95.0	105.0	41.8	7.0	9.0	5.0	18.2	26.2	4.0
85.0	109.0	100.0	110.0	41.8	7.0	9.0	5.0	18.2	26.2	4.0
90.0	114.0	105.0	115.0	46.8	7.0	9.0	5.0	18.2	26.2	4.0
95.0	119.0	110.0	120.0	47.8	7.0	9.0	5.0	17.2	25.2	4.0
100.0	124.0	115.0	125.0	47.8	7.0	9.0	5.0	17.2	25.2	4.0

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