RM7N

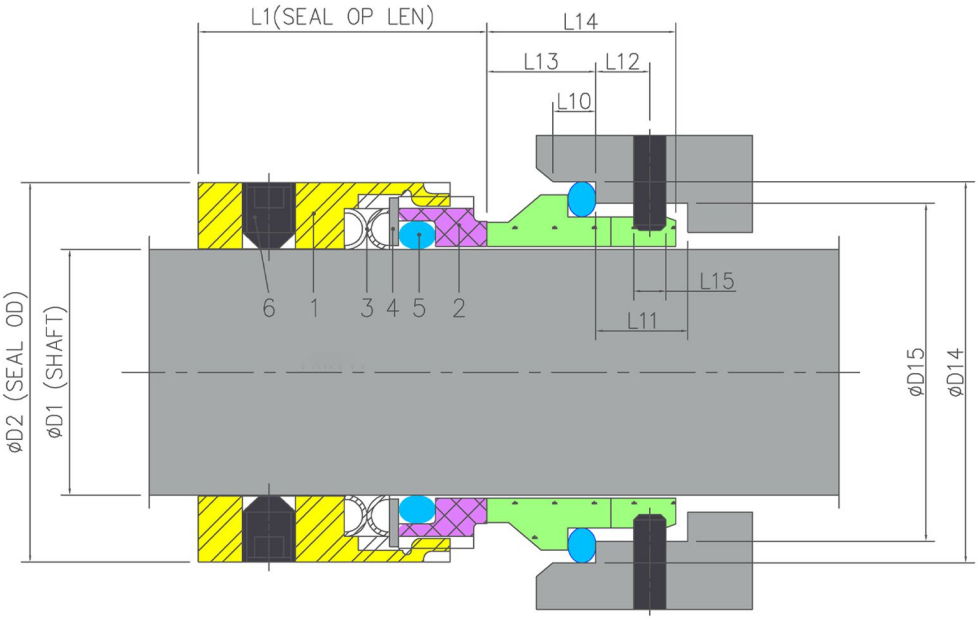
Unbalanced Pusher Seals

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 v iscosity alsovailable.
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

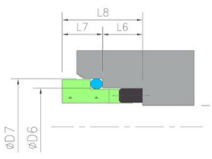
Available Sizes

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

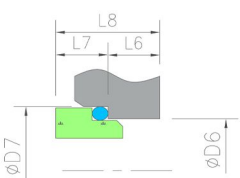
Operating Limits

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

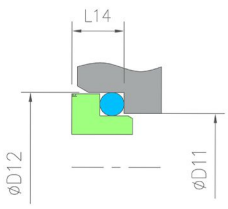
Stationary Seats



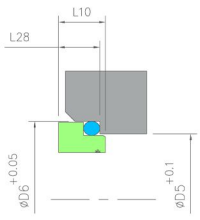
DIN LONG MR



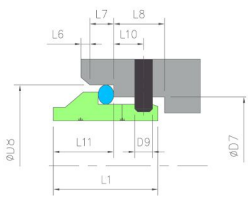
DIN SHORT MR



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