

RY155

Unbalanced Pusher Seals

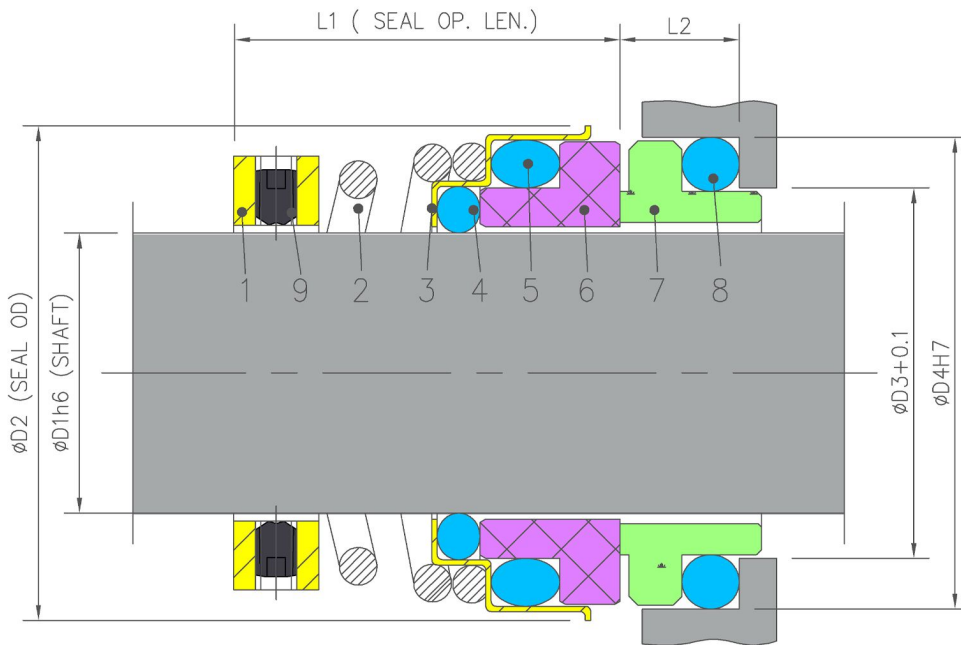


Product Description

1. Single seal configuration.
2. Conical spring rotating.
3. Inside mounted.
4. Unbalanced.
5. For plain shafts and stepped shafts.
6. Dependent on Direction of Rotation

Technical Features

1. Economical seal solution.
2. Independent of direction rotation model available.
3. Cartridge design also available



Industrial Application

- Petro-chemical pumps
- General Chemical pumps
- Vegetable oil pumps
- Light slurries pumps

Material Of Construction

Seal Face: Carbon Graphite Antimony Impregnated/Carbon Graphite Resin Impregnated/Silicon-Carbide /Tungsten-Carbide. (SS+Silicon-Carbide / SS+Tungsten-Carbide / Ceramic
Seat : Carbon / Silicon-Carbide / Tungsten-Carbide / Ceramic
Elastomer : Viton/Aflas/TTV/EPDM/KALREZ
Metal Parts : SS.316 / Hast'C.

Note : Other MOC Combinations On Request

Available Sizes

10mm to 40mm

Note : Other Sizes On Request

Operating Limits

Pressure = 8kgs/cm² (Max)

Temperature = -23°C to + 200°C

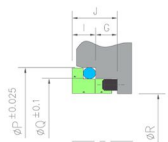
Speed = 15m/s

Permissible Axial Movement = ±1.0mm

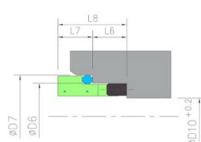
Item	Description
1	Drive Collar
2	Spring
3	Spring holder
4,5,8	O Ring

Item	Description
6	Seal ring
7	Mating ring
9	Set Screw

Stationary Seats



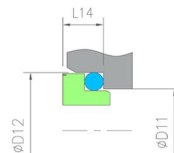
DIN LONG MR



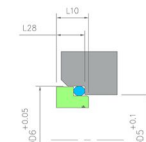
DIN LONG MR



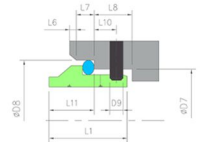
DIN SHORT MR



TYPE G4 MR



TYPE G6 MR



TYPE G9 MR

Dimensional Data

D1	D2	D3	D4	L1	L2
10	20.0	14.1	18.1	15.2	5.5
11	22.0	-	20.6	18.2	5.5
12	22.0	16.7	20.6	18.2	5.5
13	25.0	-	23.1	22.2	6.0
14	25.0	19.3	23.1	22.2	6.0
15	29.0	21.2	26.9	22.2	7.0
16	29.0	21.1	26.9	23.2	7.0
17	29.0	-	26.9	23.2	7.0
18	33.0	25.1	30.9	24.2	8.0
19	33.0	-	30.9	25.2	8.0
20	33.0	25.1	30.9	25.2	8.0
21	38.0	-	35.4	25.2	8.0
22	38.0	29.7	35.4	25.2	8.0
23	38.0	-	35.4	27.2	8.0
24	38.0	29.8	35.4	27.2	8.0
25	40.0	32.7	38.2	27.2	8.5
28	46.0	37.8	43.3	29.2	9.0
29	46.0	-	43.3	30.2	9.0
30	46.0	37.7	43.3	30.2	9.0
32	46.0	37.8	43.3	30.2	9.0
33	48.0	45.0	53.5	39.2	11.5
35	50.0	45.0	53.5	39.2	11.5
38	56.0	52.5	60.5	39.2	11.5
40	58.0	52.5	60.5	39.2	11.5

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