

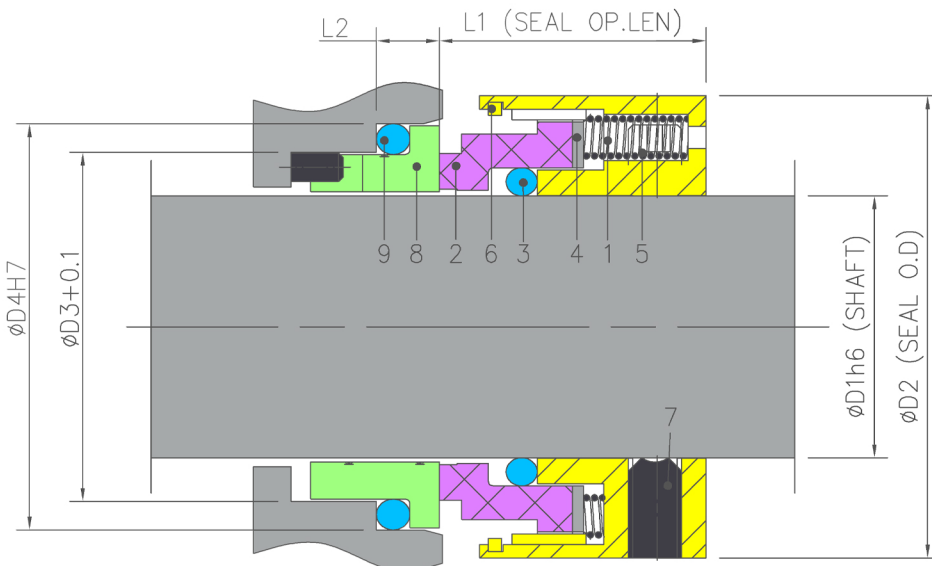


### Product Description

1. Single seal configuration.
2. Multi spring rotation
3. Outside mounted
4. Reverse balanced design
5. Non cartridge seal design

### Technical Features

1. Recommended for strong corrosive application
2. No metal parts are in contact with process fluid
3. Used where pressures are above 1 bar



### Industrial Application

Black liquor pumps  
Salt slurries pumps  
Corrosive chemical 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:** SS.316 / Hast'C

Note : Other MOC Combinations On Request

### Available Sizes

20mm to 100mm ( 0.750" to 4.000")

Note : Other Sizes On Request

### Operating Limits

**Pressure** = 10kgs/cm<sup>2</sup> (Max)

**Temperature** = -40°C to + 220°C

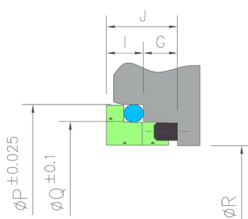
**Speed** = 23m/s

**Permissible Axial Movement**= ±1.0mm

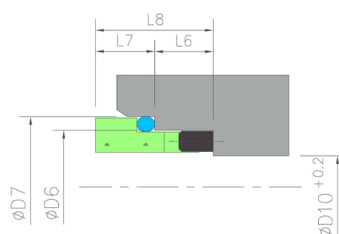
Item	Description
1	Cup
2	Seal ring
3,9	O ring
4	Thrust washer

Item	Description
5	Spring
6	Snap ring
7	Set Screw
8	Mating ring

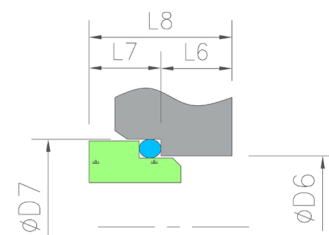
### Stationary Seats



CS MR



DIN LONG MR



DIN SHORT MR

## Dimensional Data

D1						
INCH	MM	D2	D3	D4	L1	L2
0.750	20.00	41.60	-	-	30.00	-
0.875	22.00	44.78	-	-	30.00	-
-	24.00	48.00	-	-	30.00	-
1.000	25.00	48.00	35.20	41.27	30.00	6.63
1.125	28.00	51.00	38.30	44.45	30.00	6.63
-	30.00	52.40	-	-	30.00	-
1.250	32.00	54.00	41.50	47.63	30.00	6.63
-	33.00	54.00	-	-	30.00	-
1.375	35.00	57.10	44.70	50.80	30.00	6.63
1.500	38.00	60.30	47.90	53.98	30.00	6.63
-	40.00	63.10	-	-	30.00	-
1.625	42.00	65.20	54.20	60.33	30.00	7.98
1.750	45.00	73.10	57.40	63.50	40.00	7.98
1.875	48.00	75.00	60.66	66.68	40.00	7.98
2.000	50.00	78.80	63.70	69.85	40.00	7.98
2.125	53.00	82.50	70.10	76.20	40.00	8.79
-	55.00	83.00	-	-	40.00	-
2.250	58.00	85.50	73.30	79.38	40.00	8.79
2.375	60.00	88.20	76.40	82.55	40.00	8.79
2.500	63.00	92.00	79.60	85.73	40.00	8.79
2.625	65.00	94.50	79.60	85.73	40.00	9.63
2.750	70.00	98.20	82.80	88.90	40.00	9.63
2.875	-	101.20	85.80	95.25	40.00	11.43
3.000	75.00	105.50	89.00	98.43	40.00	11.43
3.125	80.00	108.00	92.20	101.60	40.00	11.43
3.250	-	110.80	95.30	104.78	40.00	11.43
3.375	85.00	114.00	98.50	107.95	40.00	11.43
3.500	90.00	118.30	101.70	111.13	40.00	11.43
3.625	-	120.30	104.90	114.30	40.00	12.50
3.750	95.00	123.50	108.10	117.48	40.00	12.50
3.875	-	126.80	111.20	120.65	40.00	12.50
4.000	100.00	129.90	114.40	123.83	40.00	12.50

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