

# RCH891

## Balanced Pusher Seals

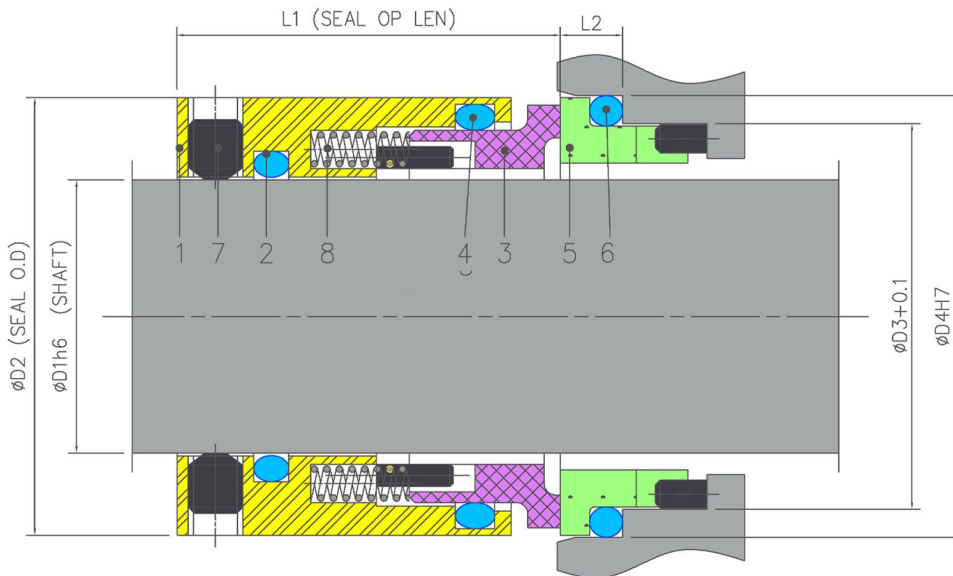


### Product Description

1. Single seal configuration.
2. Inside mounted
3. Multi spring rotating
4. Balanced Design
5. Independent of Direction of Rotation

### Technical Features

1. Monolithic seal faces
2. High pressure capable
3. Non-clog isolated springs
4. Easy to repair with kits



Item	Description
1	Cup
2,6	O ring
3	Insert
4	O ring

Item	Description
5	Mating ring
7	Set Screw
8	Spring

### Industrial Application

Sugar Industries  
Paper and pulp Industries  
Sewage  
Water and waste water technology

### 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

18mm to 100mm ( 0.750" to 4.500")

Note : Other Sizes On Request

### Operating Limits

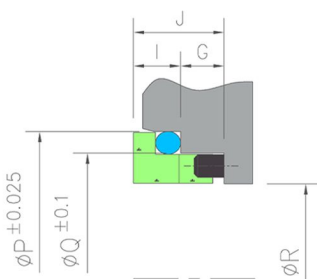
**Pressure** = 20kgs/cm<sup>2</sup> (Max)

**Temperature** = -55°C to + 300°C

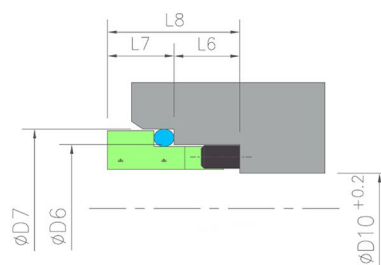
**Speed** = 20m/s

**Permissible Axial Movement**= ±1.0mm

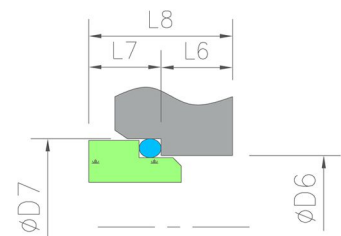
### Stationary Seats



CS MR



DIN LONG MR



DIN SHORT MR

## Dimensional Data

D1	D2	D3	D4	L1	L2
1.000	39.95	35.20	41.27	35.00	6.63
1.125	43.13	38.30	44.45	35.00	6.63
1.250	46.30	41.50	47.63	44.45	6.63
1.375	49.48	44.70	50.80	44.45	6.63
1.500	54.43	47.90	53.98	44.45	6.63
1.625	57.61	54.20	60.33	44.45	7.98
1.750	60.78	57.40	63.50	44.45	7.98
1.875	63.96	60.66	66.68	44.45	7.98
2.000	67.13	63.70	69.85	44.45	7.98
2.125	70.31	70.10	76.20	44.45	8.79
2.250	73.48	73.30	79.38	44.45	8.79
2.375	76.66	76.40	82.55	44.45	8.79
2.500	79.83	79.60	85.73	44.45	8.79
2.625	83.01	79.60	85.73	44.45	9.63
2.750	92.08	82.80	88.90	50.80	9.63
2.875	95.25	85.80	95.25	50.80	11.43
3.000	98.43	89.00	98.43	50.80	11.43
3.125	101.60	92.20	101.60	50.80	11.43
3.250	104.78	95.30	104.78	50.80	11.43
3.375	107.95	98.50	107.95	50.80	11.43
3.500	111.13	101.70	111.13	50.80	11.43
3.625	114.30	104.90	114.30	50.80	12.50
3.750	117.48	108.10	117.48	50.80	12.50
3.875	120.65	111.20	120.65	50.80	12.50
4.000	123.83	114.40	123.83	50.80	12.50
4.125	127.00	117.50	127.00	50.80	12.50
4.250	130.18	120.70	130.18	50.80	12.50
4.375	133.35	123.90	133.35	50.80	12.50
4.500	136.53	127.10	136.53	50.80	12.50

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