

# RH74D

## Double balanced Pusher Seals

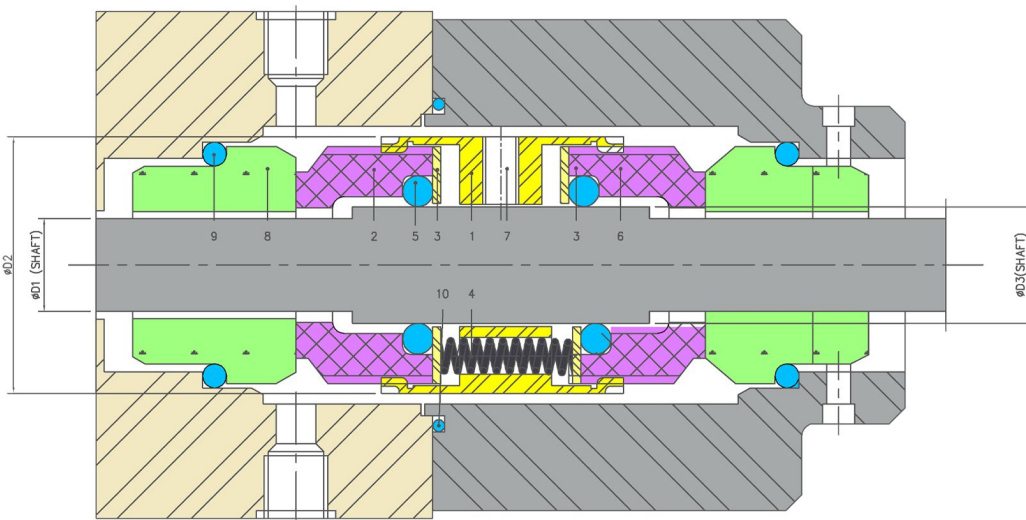


### Product Description

1. Dual seal configuration
2. Balanced Design
3. Independent of Direction of Rotation.
4. For Stepped shafts
5. Multiple springs rotary construction

### Technical Features

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



### Industrial Application

Adhesives  
 Chemical Industry  
 Media with poor lubrication properties  
 Media with low solids content and abrasive particles  
 Process industry  
 Toxic and hazardous media  
 Chemical standard 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/Karlez  
**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

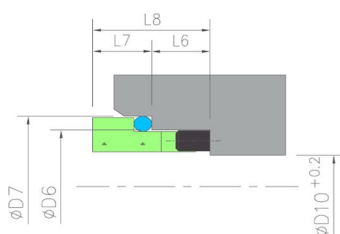
### Operating Limits

**Pressure** = 25kgs/cm<sup>2</sup> (Max)  
**Temperature** = -50°C to + 220°C  
**Speed** = 20m/s  
**Permissible Axial Movement**-  
 d1 upto 100mm = ±0.5mm  
 d1 upto 100mm = ±2.0mm

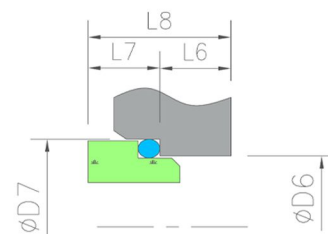
Item	Description
1	Cup
2,6	O ring
3	Insert
4	O ring

Item	Description
5	Mating ring
7	Set Screw
8	Spring

### Stationary Seats



DIN LONG MR



DIN SHORT MR

## Dimensional Data

D1	D2	D3	D4	L1	L2	L3	L4
20.00	24.00	39.00	35.00	76.00	53.00	11.50	20.00
22.00	26.00	41.00	37.00	76.00	53.00	11.50	20.00
24.00	28.00	43.00	39.00	77.00	54.00	11.50	20.00
25.00	30.00	45.00	40.00	77.00	54.00	11.50	20.00
28.00	33.00	48.00	43.00	77.00	54.00	11.50	20.00
30.00	35.00	50.00	45.00	77.00	54.00	11.50	20.00
32.00	38.00	55.00	48.00	79.00	56.00	11.50	20.00
33.00	38.00	55.00	48.00	79.00	56.00	11.50	20.00
35.00	40.00	57.00	50.00	80.00	57.00	11.50	20.00
38.00	43.00	60.00	56.00	85.00	57.00	14.00	23.00
40.00	45.00	62.00	58.00	85.00	57.00	14.00	23.00
43.00	48.00	65.00	61.00	85.00	57.00	14.00	23.00
45.00	50.00	67.00	63.00	84.00	56.00	14.00	23.00
48.00	53.00	70.00	66.00	84.00	56.00	14.00	23.00
50.00	55.00	72.00	70.00	93.00	63.00	15.00	25.00
53.00	58.00	79.00	73.00	97.00	67.00	15.00	25.00
55.00	60.00	81.00	75.00	97.00	67.00	15.00	25.00
58.00	63.00	84.00	78.00	104.00	74.00	15.00	25.00
60.00	65.00	86.00	80.00	104.00	74.00	15.00	25.00
63.00	68.00	89.00	83.00	109.00	79.00	15.00	25.00
65.00	70.00	91.00	85.00	98.00	68.00	15.00	25.00
70.00	75.00	99.00	92.00	112.50	76.40	18.00	28.00
75.00	80.00	104.00	97.00	112.50	76.40	18.00	28.00
80.00	85.00	109.00	105.00	112.50	76.00	18.20	28.00

D1	D2	D3	D4	L1	L2	L3	L4
85.00	90.00	114.00	110.00	112.50	76.00	18.20	28.00
90.00	95.00	119.00	115.00	112.50	76.00	18.20	28.00
95.00	100.00	124.00	120.00	110.50	76.00	17.20	28.00
100.00	105.00	129.00	125.00	110.50	76.00	17.20	28.00
105.00	115.00	148.00	134.30	122.00	82.00	20.00	32.00
110.00	120.00	153.00	140.30	122.00	82.00	20.00	32.00
115.00	125.00	158.00	148.30	122.00	82.00	20.00	32.00
120.00	130.00	163.00	150.30	122.00	82.00	20.00	32.00
125.00	135.00	168.00	154.30	122.00	82.00	20.00	32.00
130.00	140.00	173.00	158.30	122.00	82.00	20.00	32.00
135.00	145.00	178.00	164.30	122.00	82.00	20.00	32.00
140.00	150.00	186.00	168.30	122.00	82.00	20.00	32.00
145.00	155.00	191.00	173.30	133.00	93.00	20.00	32.00
150.00	160.00	196.00	180.30	137.00	93.00	22.00	34.00
155.00	165.00	201.00	185.30	141.00	93.00	24.00	36.00
160.00	170.00	206.00	190.30	141.00	93.00	24.00	38.00
165.00	175.00	211.00	195.30	141.00	93.00	24.00	38.00
170.00	180.00	216.00	200.30	141.00	93.00	24.00	38.00
175.00	185.00	221.00	205.30	141.00	93.00	24.00	38.00
180.00	190.00	226.00	219.30	149.00	93.00	28.00	42.00
185.00	195.00	231.00	224.30	149.00	93.00	28.00	42.00
190.00	200.00	236.00	229.30	149.00	93.00	28.00	42.00
195.00	205.00	245.00	234.30	151.00	95.00	28.00	43.00
200.00	210.00	250.00	239.30	151.00	95.00	28.00	43.00

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