

# RB30

## Elastomer Bellows Seals

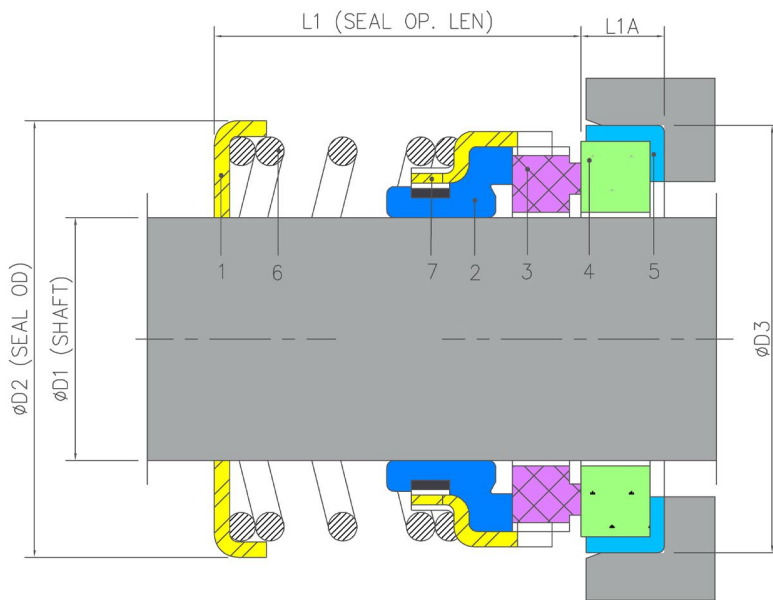


### Product Description

1. Single seal configuration
2. Unbalanced Design
3. For Plain Shafts
4. Rotary Elastomer Bellow Design
5. Independent of Direction of Rotation

### Technical Features

1. Low Cost Seal Solution
2. Suitable for Mild Sterile Applications
3. No Damage to the Shaft
4. Can be employed for Low Solid Content
5. Multifaceted Application usage



Item	Description
1	Spring holder
2	Bellows
3	Seal ring
4	Mating ring
5	MR Packing
6	Spring
7	Spring holder

### Industrial Application

Chemical Industries  
 Food Processing Industry  
 Pulp, Paper & Latex  
 Water; Waste water and mild Slurries  
 Chemical Standard Pumps  
 Helical Screw Pumps  
 Submersible 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/Ceramic  
**Elastomer:** EPDM/NBR/Viton  
**Metal Parts:** S.S.316/S.S.304/Hast'C

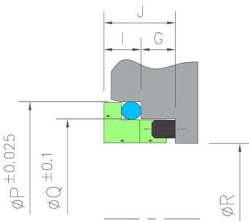
### Available Sizes

0.875" to 2.000" & 10 TO 100mm

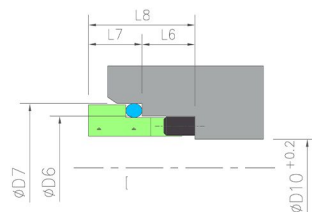
### Operating Limits

**Pressure** = 12kgs/cm<sup>2</sup> (Max)  
**Temperature** = -20° C to + 140°C  
**Speed** = 10m/s  
**Permissible Axial Movement**= ±0.5mm.

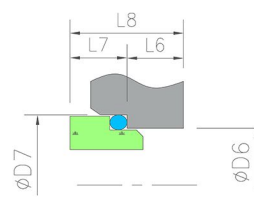
### Stationary Seats



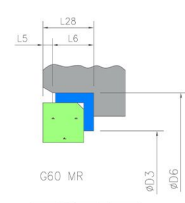
CS MR



DIN LONG MR



DIN SHORT MR



G6 MR

## Dimensional Data

D1 (Inch)	D2	D3	L1	L1A
0.375	23.5	22.2	6.4	22.2
0.500	26.0	25.4	6.4	22.2
0.625	30.0	31.8	8.7	23.8
0.750	32.5	34.9	8.7	23.8
0.875	37.5	38.1	8.7	25.4
1.000	44.0	41.3	9.5	27.0
1.125	48.0	44.5	9.5	28.6
1.250	50.0	47.6	9.5	28.6
1.375	54.5	50.8	9.5	30.2
1.500	58.5	54.0	9.5	30.2
1.625	64.0	60.3	11.1	36.5
1.750	67.0	63.5	11.1	36.5
1.875	71.0	66.7	11.1	39.7
2.000	73.5	69.9	11.1	39.7

D1	D2	D3	L1	L1A
12.0	21.70	27.80	25.40	9.00
14.0	24.00	30.95	25.40	10.50
16.0	26.40	30.95	25.40	10.50
18.0	29.50	34.15	25.40	10.50
20.0	31.75	35.70	25.40	10.50
22.00	32.75	37.30	25.40	10.50
24.0	36.50	40.50	25.40	10.50
25.0	38.10	40.50	25.40	10.50
28.0	41.30	47.65	33.30	12.00
30.0	42.85	50.80	33.30	12.00
32.0	45.20	50.80	33.30	12.00
33.0	46.00	54.00	33.30	12.00
35.0	47.90	54.00	33.30	12.00
38.0	52.35	57.15	33.30	12.00
40.0	55.55	60.35	33.30	12.00
40.0	58.70	63.50	33.30	12.00
45.0	60.75	63.50	40.50	12.00
48.0	63.85	66.70	40.50	12.00
50.0	66.00	69.85	40.50	13.50

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