

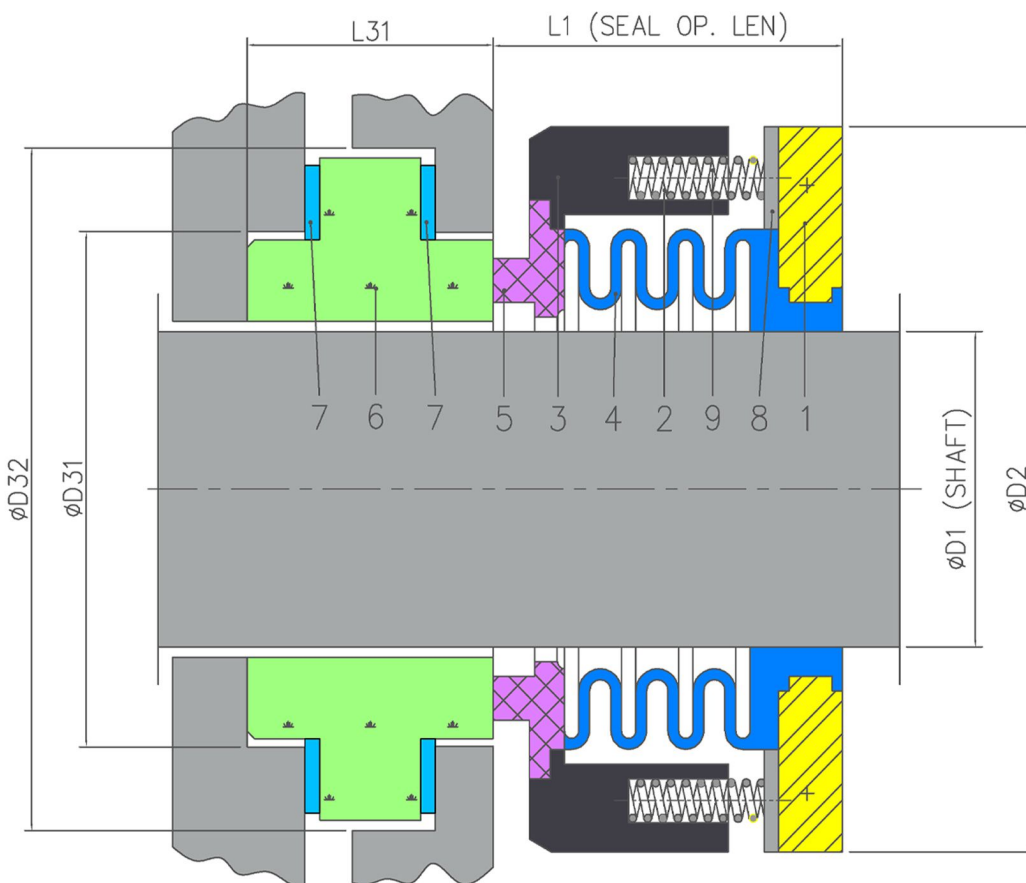


### Product Description

1. Single Acting
2. Reversed balanced Design
3. Outside Mounted Hardware Parts
4. Rotary Teflon Bellow Design
5. Independent of Direction of Rotation

### Technical Features

1. Improved Corrosion and Thermal Shock Resistance
2. Suitable for Sealing Acid and Corrosive Liquids
3. No Damage to the Shaft
4. Easy Installation, Inspection and Adjustments
5. Usage of Chemically Inert Materials



### 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:** Glass Filled Teflon, Ceramic Filled Teflon Teflon (PTFE)  
**Seat :** Silicon -Carbide/Ceramic  
**Elastomer:** Flexible PTFE Bellow, Virgin/ Glass Filled PTFE Material  
**Metal Parts:** S.S.316/Alloy-20/Hast'C

### Available Sizes

0.750" to 4.000" & 18mm to 150mm

### Operating Limits

**Pressure** = 6kgs/cm<sup>2</sup> (Max)  
**Temperature** = -45° C to + 120°C  
**Speed** = 16m/s  
**Permissible Axial Movement** = ±0.5mm

Item	Description
1	Split collar
2	Spring
3	Spring holder
4	Bellow

Item	Description
5	Seal ring
6	Mating ring
7	MR Packing
8	Thrust washer

## Dimensional Data

D1 (Inch)	D1 (mm)	D2	D31	D32	L1	L31
0.750	19.1	52.4	33.5	43.0	22.2	20.7
0.875	22.2	55.2	36.5	46.5	22.2	20.7
1.000	25.4	57.2	39.5	49.5	25.4	20.7
1.125	28.6	60.3	43.0	54.5	27.0	20.7
1.250	31.8	66.7	46.0	56.0	27.0	20.7
1.375	34.9	69.9	49.0	63.0	28.6	22.3
1.500	38.1	73.0	52.5	65.5	28.6	22.3
1.625	41.3	76.2	60.0	73.5	34.9	22.3
1.750	44.5	79.4	61.0	76.0	34.9	22.3
1.875	47.6	85.7	66.5	79.5	34.9	22.3
2.000	50.8	88.9	70.0	86.0	34.9	25.5
2.125	54.0	92.1	75.0	91.0	42.9	25.5
2.250	57.2	95.3	75.0	91.0	42.9	25.5
2.375	6.3	98.4	79.5	95.5	42.9	25.5
2.500	63.5	101.6	83.0	98.5	42.9	25.5
2.625	66.7	104.8	85.5	102.0	42.9	25.5
2.750	69.9	108.0	89.0	105.0	42.9	25.5
2.875	73.0	111.1	92.0	108.5	42.9	25.5
3.000	76.2	114.3	95.5	111.5	42.9	25.5
3.125	79.4	123.8	98.5	114.5	42.9	25.5
3.250	82.6	127.0	101.5	118.0	42.9	25.5
3.375	85.7	130.2	105.0	121.0	42.9	25.5
3.500	88.9	133.4	108.0	124.0	42.9	25.5
3.625	92.1	136.5	111.0	127.5	42.9	25.5
3.750	95.3	139.7	114.5	130.5	42.9	25.5
3.875	98.4	142.9	117.5	133.5	42.9	25.5
4.000	101.6	146.1	120.5	137.0	42.9	25.5

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