

# TBR/S/C

## PTFE Bellow Seals

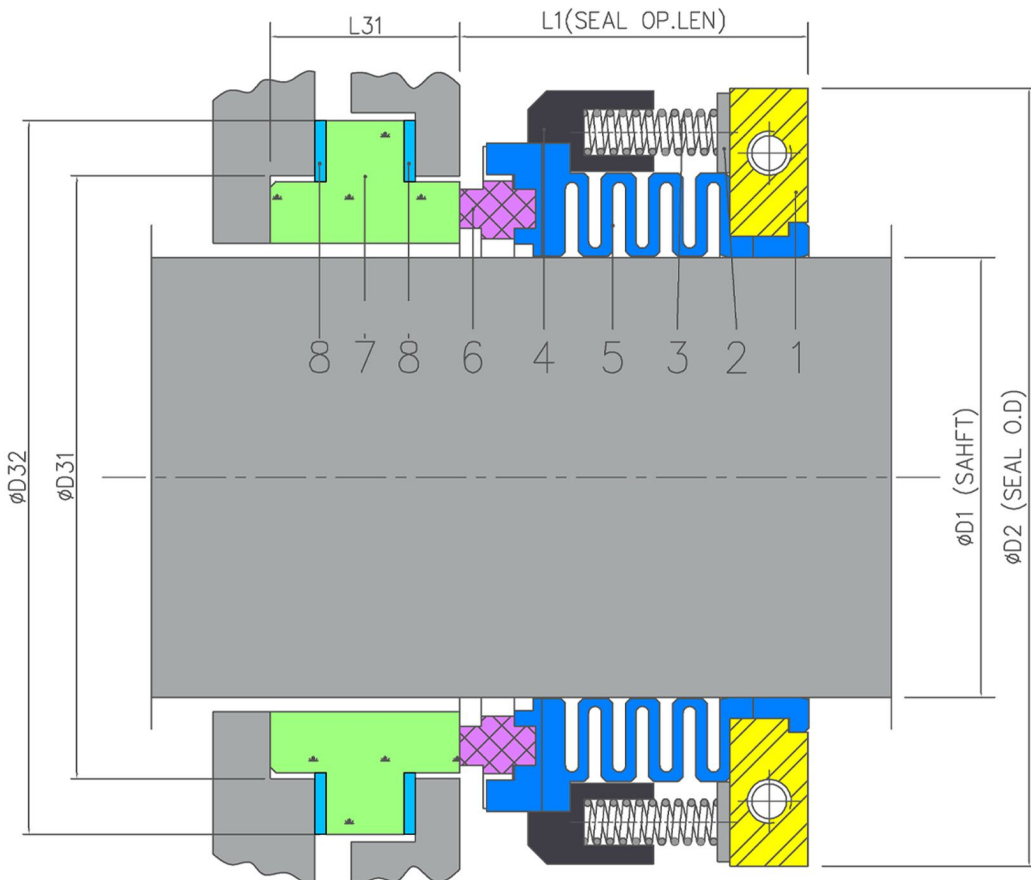


### Product Description

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:** Silicon -Carbide /Corbin  
**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 100mm

### Operating Limits

**Pressure** = 6kgs/cm<sup>2</sup>(Max)  
**Temperature** = -45° C to + 120°C  
**Speed** = 12m/s  
**Permissible Axial Movement**= ±0.5mm

Item	Description
1	Split collar
2	Thrust washer
3	Spring
4	Spring holder

Item	Description
5	Bellow
6	Seal ring
7	Mating ring
8	MR Packing

## Dimensional Data

D1 (INCH)	D2	D31	D32	L1	L31
0.750	-	36.4	46.2	-	18.0
0.875	59.6	-	-	35.6	-
1.000	59.6	43.0	52.7	35.6	18.0
1.125	63.3	45.9	58.7	35.6	27.1
1.250	66.0	50.8	63.5	35.6	27.3
1.375	71.0	54.0	66.7	35.6	27.3
1.500	73.0	57.0	69.9	35.6	27.3
1.625	74.2	63.4	76.2	35.6	27.3
1.750	80.0	-	-	35.6	-
1.875	84.0	69.8	82.5	35.6	27.3
2.000	89.5	-	-	45.0	-
2.250	95.8	-	-	45.0	-

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