

# TB-10T/10R

## 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

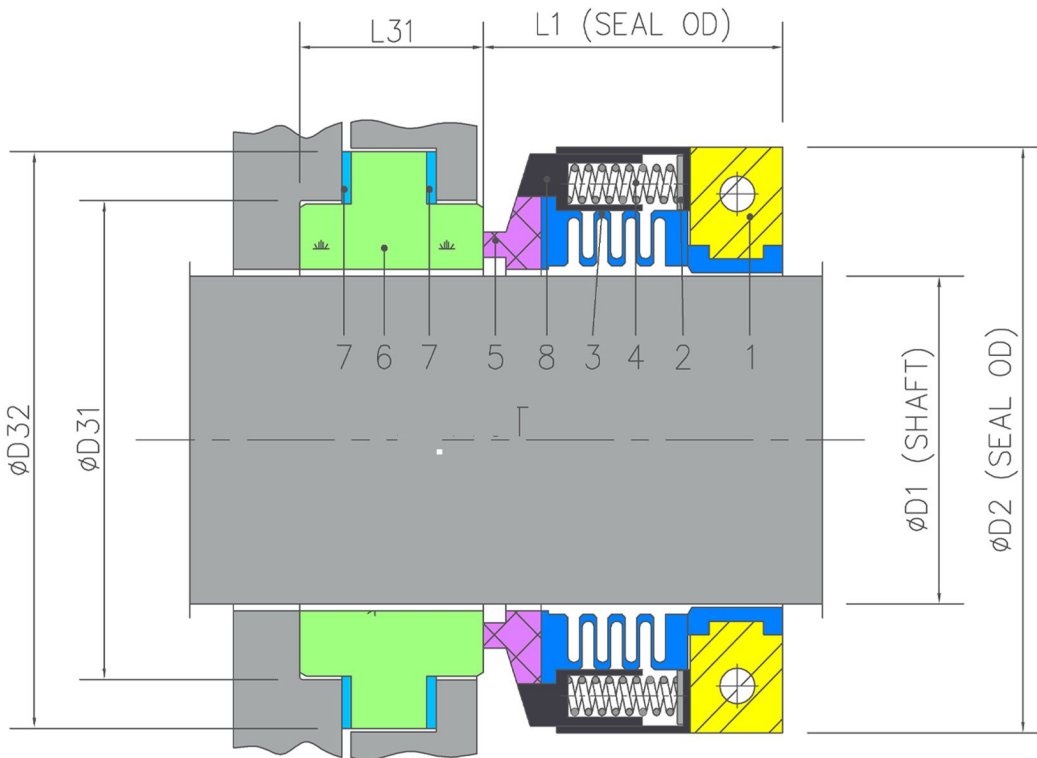
**Seal Face:** Glass Filled Teflon, Ceramic Filled Teflon Teflon (PTFE)  
**Seat :** Silicon –Carbide/Ceramic  
**Elastomer:** Flexible PTFE Bellow, Virgin Glass Filled PTFE Material  
**Metal Parts:** S.S.316/Alloy-20/Hast'C

### Available Sizes

0.750" to 3.000"

### Operating Limits

**Pressure** = 13kgs/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	Thrust washer
3	Bellow
4	Spring

Item	Description
5	Seal ring
6	Mating ring
7	MR Packing
8	Spring holder