

## TEFLON BELLOW MECHANICAL SEAL

### TYPE : TB400

#### Face Materials :

- GFT / CFT / CERAMIC (Faces of the Seal is Composite Molded with highly flexible) / SILICON CARBIDE

#### Elastomers:

- PTFE

#### Hardware :

- SS 316 / Hastelloy-C / Alloy-20 / Titanium

#### Operating Limits :

**Size:** 20 mm to 100 mm (0.750" to 4.000")

**Speed:** 2900 rpm

**Pressure:** 5 bars (72 psi)

**Temperature:** -50 °C to +110 °C (-58 °F +230 °F)

#### Application :

- Corrosive Liquids
- Salt Solutions and Caustics
- Aggressive Organic Compounds
- Concentrated Acids (e.g., Sulfuric, Hydrochloric)
- Chemical Industries & Pharmaceutical Industries Etc.
- Strong Oxidizing Agents (e.g., Nitric Acid, Hydrogen Peroxide)



#### Features :

- Single seal
- Pusher type
- Unbalanced design
- Externally Mounted
- Rotary multi spring type
- Low cost & mass produced
- Independent of direction of rotation