

# REK(Ekato Seal)

## Engineered Mechanical Seals

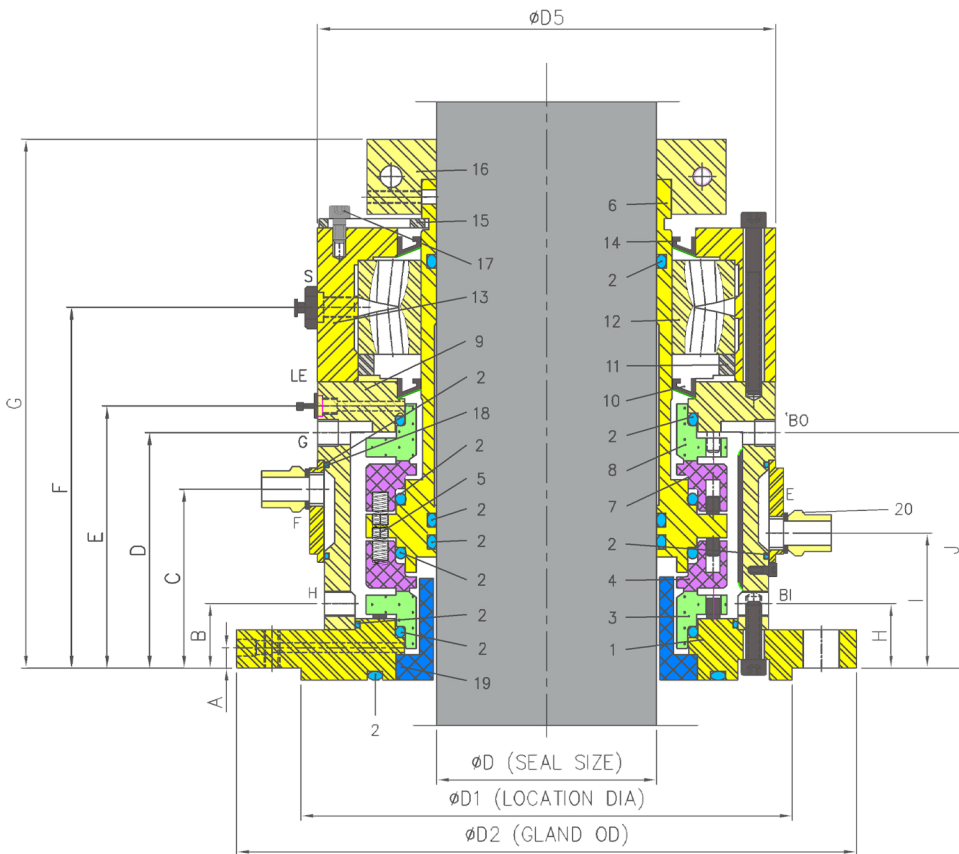


### Product Description

1. Widely used seal in agitators
2. Double acting mechanical seal design
3. Liquid lubricated
4. Factory assembled Seal

### Technical Features

1. Low life cycle cost
2. Optimized load distribution
3. Almost zero leakage
4. Extremely sturdy construction



| Item | Description      |
|------|------------------|
| 1    | Flange           |
| 2    | O ring           |
| 3,8  | Stainary ring    |
| 4,7  | Rotary seal ring |
| 5    | Helical Spring   |
| 6    | Sleeve           |

| Item  | Description     |
|-------|-----------------|
| 9     | Seal Housing    |
| 10,14 | Oil Seal        |
| 11    | Spacer ring     |
| 12    | Sperical roller |
| 13    | Bearing housing |
| 15    | Fixing segment  |
| 16    | Clamp ring      |
| 17    | Hollow screw    |
| 18    | Water jacket    |
| 19    | Collector tray  |
| 20    | Union           |

### Industrial Application

Agitators  
Chemical industries  
Hydrometallurgy  
Pharmacy  
Bio technology

### Material Of Construction

**Seal Face:** Carbon Graphite Antimony Impregnated/Carbon Graphite Resin Impregnated/Silicon -Carbide/Tungsten - Carbide  
**Seal:** Carbon Graphite Antimony Impregnated Carbon Graphite Resin Impregnated/Silicon - Carbide/Tungsten -Carbide  
**Elastomer:** Viton  
**Metal Parts:** S.S.316 / Hast'C  
Note : Other MOC Combinations On Request

### Available Sizes

40mm to 220mm

### Operating Limits

**Pressure** = 40 Kg/cm<sup>2</sup>  
(For high pressure version up to 70 Kg/cm<sup>2</sup>)  
**Temperature** = -50°C to 400°C  
**Speed** = 5m/s