

# RSE2C (ABS SCAN PUMP)

## Engineered Mechanical Seals

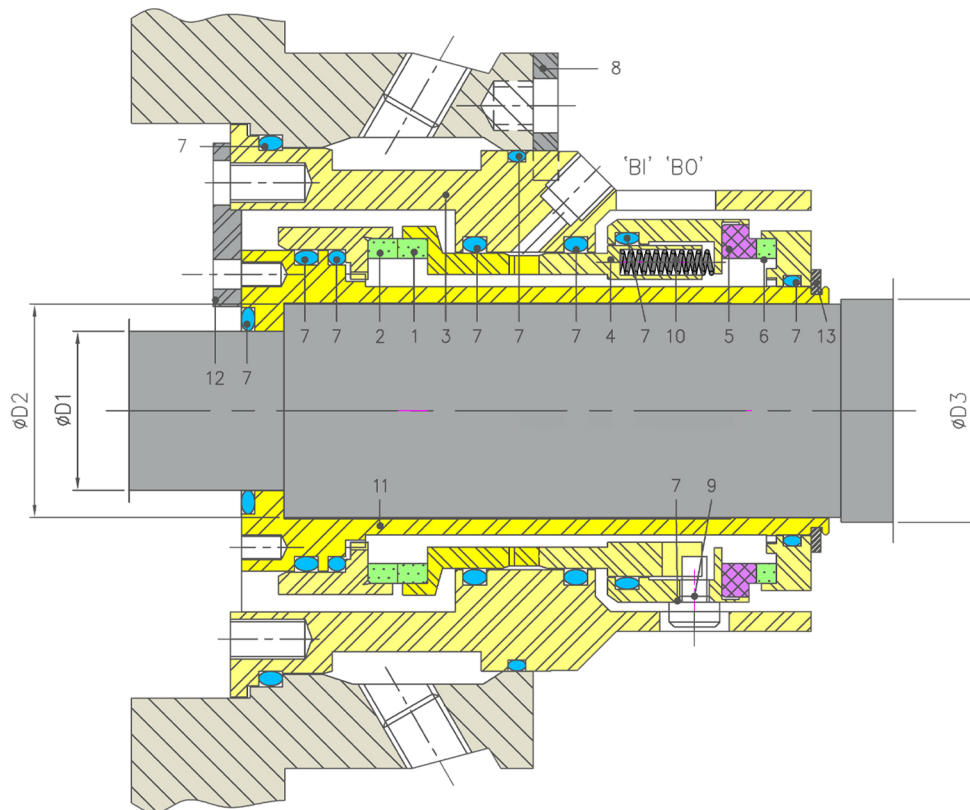


### Product Description

1. Cartridge Design
2. Dual Balanced
3. Designed to Suit ABS Scan Pumps

### Technical Features

1. Heat Shrink faces
2. Stationary set of springs which are out of contact prevent clogging
3. The piston-type design Enables free axial movement that does not have any impact on seal face loading.
4. PTFE Used in positions where they are exposed to the process. The PTFE seal advantage is that it does not jam even in process conditions involving a lot of solid material.
5. Milled anti-rotation slots prevent rolling of the body ring that protects the seal face. This eliminates tension peaks that would distort or break theseal face.
6. Special double-balanced design allows the use of both pressurised and unpressurised seal water.



| Item | Description    |
|------|----------------|
| 1,6  | Mating ring    |
| 2    | Seal ring IB   |
| 3    | Gland Plate    |
| 4    | Pressure Seal  |
| 5    | Seal ring OB   |
| 7    | O ring         |
| 8    | Sliding washer |
| 9    | Lock sccew     |
| 10   | Spring         |
| 11   | Sleeve         |
| 12   | Locating plate |
| 13   | Circlip        |

### Industrial Application

Pulp & Paper Industry  
This seal is typically used in pumps for abrasive and environmentally hazardous liquids in cooking, evaporation, and causticising facilities in pulp mills.

### Material Of Construction

**Seal Face:** SiC/Carbon or SiC/SiC  
**Seat:** SiC/Carbon or SiC/SiC  
**Elastomer:** EPDM, PTFE, Viton  
**Metal Parts:** Standard

### Available Sizes

40mm,50mm,70mm,75mm,100mm  
120mm,150mm

### Operating Limits

**Pressure** = 15 Kg/CM<sup>2</sup> Max  
**Temperature** = 120 °C  
**Speed** = 20 m/s  
**Permissible Axial Movement** = ±2.00mm

### Suitable of pump Models

ABS Scan Pump BE, BK& NK Series

