

# RSE2 (Shear Mixer)

## Engineered Mechanical Seals

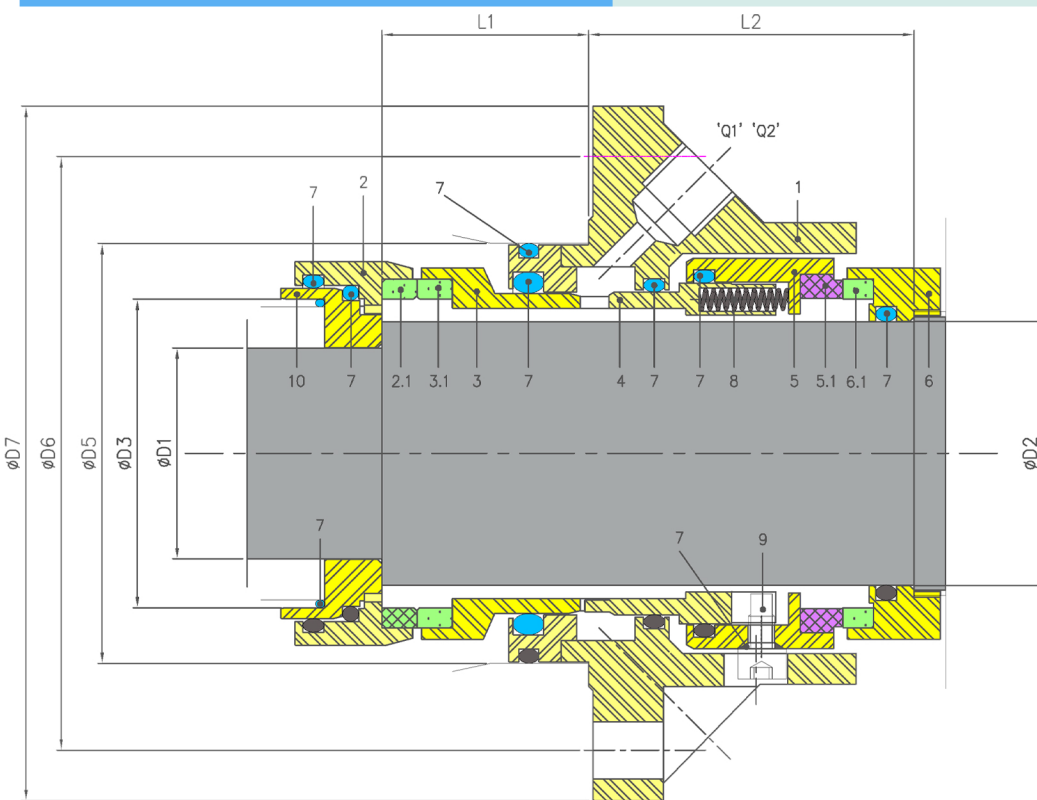


### Product Description

1. Double seal configuration available.
2. Dual Balanced Design
3. Semi-Cartridge Design construction
4. Pump Specific Design for AM 10/AM 20 Mixer

### Technical Features

1. Heat Shrunken faces
2. Stationary set of springs which are out of contact prevent clogging
3. Milled anti-rotation slots prevent rolling of the body ring that protects the seal face. This eliminates tension peaks that would distort or break the seal face.
4. Special double-balanced design allows the use of both pressurised and unpressurised seal water



### Industrial Application

Paper and pulp industries  
This seal is typically used in Shear Mixer pumps for abrasive and environmentally hazardous liquids in cooking and chemical section

### Material Of Construction

**Seal Face** :Carbon Graphite Antimony Impregnated / Carbon Graphite Resin Impregnated / Silicon Carbide / Tungsten-Carbide  
**Seat**: Carbon Graphite Antimony Impregnated /Carbon Graphite Resin Impregnated/ Silicon-Carbide/ Tungsten-Carbide  
**Elastomer**:Viton/Aflas/TTV/EPDM/KALREZ  
**Metal Parts** : S.S.316/S.S.304/Hast'C  
Note : Other MOC Combinations On Request

### Available Sizes

50mm & 60mm

### Operating Limits

**Pressure** = 15 Kg/cm<sup>2</sup>)  
**Temperature** = 180°C Max  
**Speed** = 20m/s  
**Permissible axial movement** = ±2.00mm

### Suitable for pump Models

Ahlstrom/Sulzer Shear Mixer AM 10, AM15, AM 20 & AM 25 Models.

Item	Description
1	Seal body
2,5	Seal ring
2.1,5.1	Face
3	Sealing ring
4	Pressure ring
6	Seat ring
3.1,6.1	Sic ring
7	O ring
8	Spring
9	Drive Screw
10	Intermediate Sleeve