

RSE2 (Shear Mixer)

Engineered Mechanical Seals

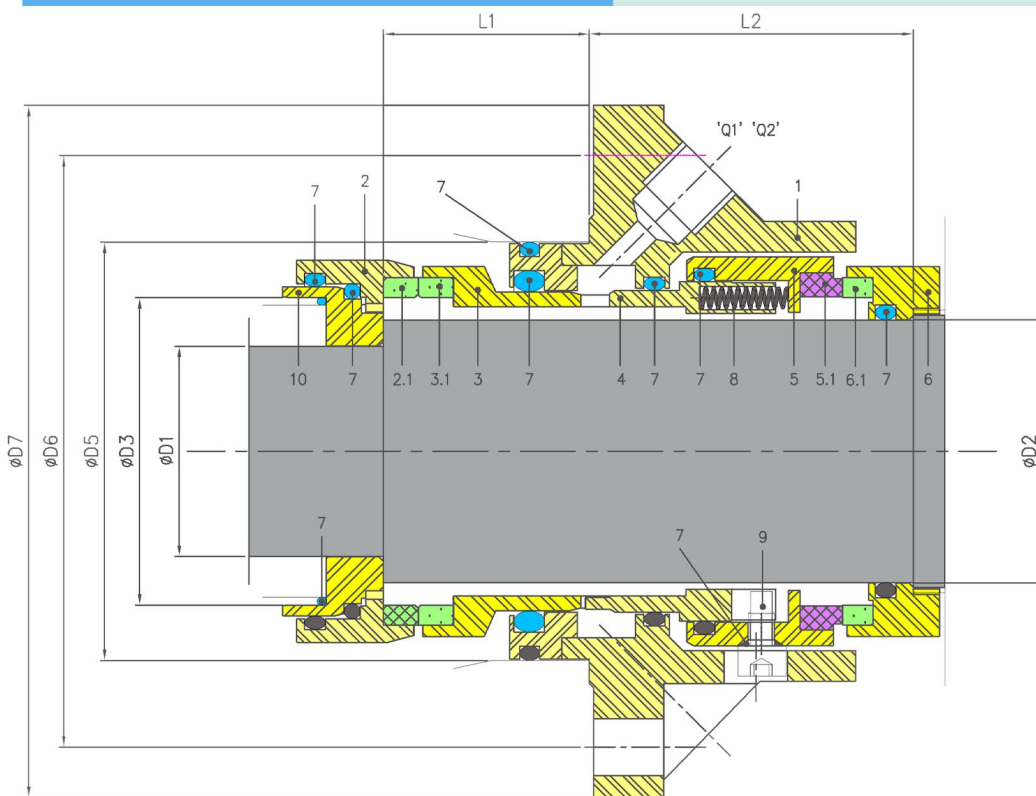


Product Description

1. Double seal configuration available.
2. Dual Balanced Design
3. Semi-Cartridge Design construction
4. Pump Specific Design for Ahlstrom Sulzer/Andritz MC Pumps

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/cm²)
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