

RSE1-RSE2

Engineered Mechanical Seals



Product Description

1. Single & Double seal configuration available.
2. Balanced Design
3. Semi-Cartridge Design construction
4. Pump Specific Design

Technical Features

1. Ideal for use in ANSI process pumps
2. Heat Shrunk faces
3. Stationary set of springs which are out of contact prevent clogging
4. 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.
5. Special double-balanced design allows the use of both pressurised and unpressurised seal water

Industrial Application

Paper and pulp industries
Effluent treatment plants
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 :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/Aflas/TTV/EPDM/KALREZ
Metal Parts: S.S.316 / Hast'C

Available Sizes

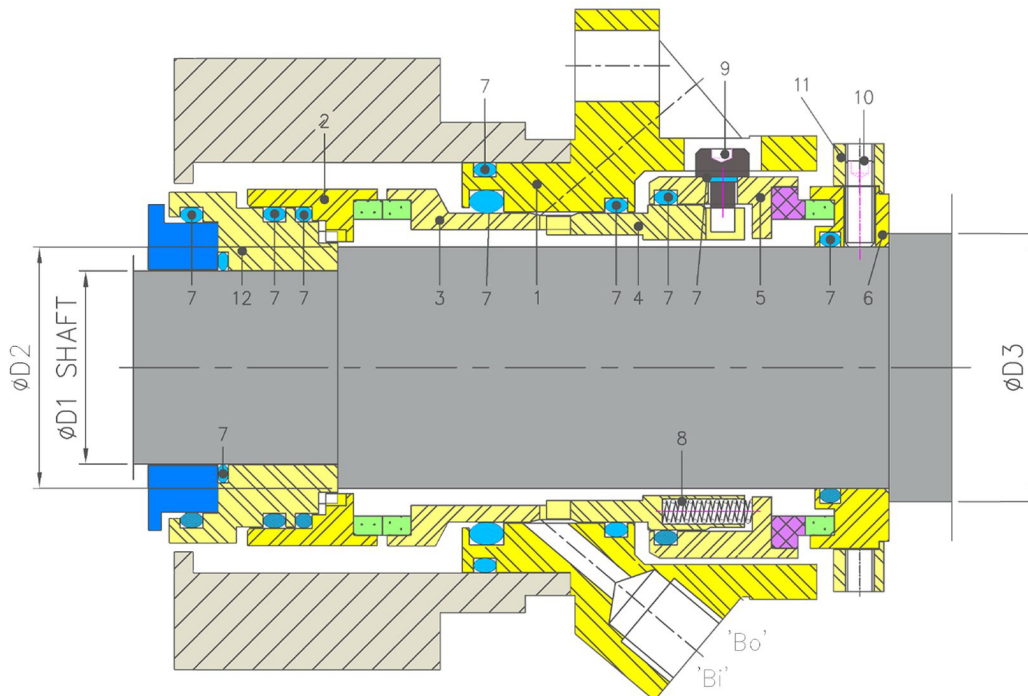
25mm to 100mm (1.000" to 4.000")

Operating Limits

Pressure = 15 Kg/cm²)
Temperature = 180°C Max
Speed = 20m/s
Permissible axial movement = ±2.00mm

Suitable for pump Models

Originally Designed for Ahlstrom/KSB/Sulzer APP Series
We have developed the same Seal to suit other ANSI Pumps like Johnson, KSB & Durco



Item	Description
1	Mating ring
2	Seal ring
3	O ring
4	Gland
5	Gasket
6	Pressure ring
7	Spring
8	Backup Plate
9	Circlip
10	Gland ring
11	Bush
12	Gasket

