

RCDS Screw Pump

Cartridge Seals

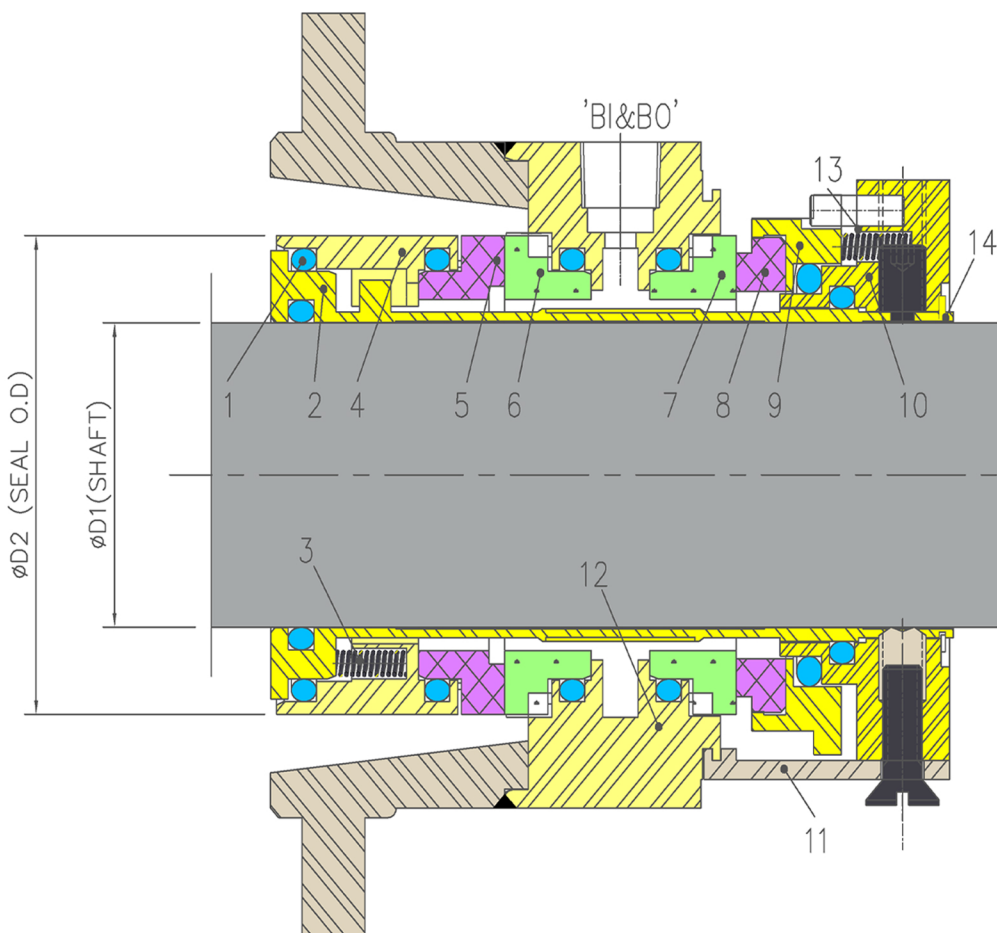


Product Description

1. Dual seal configuration
2. Balanced Design
3. Independent of Direction of Rotation.
4. Cartridge Design construction
5. Double pressure balanced
6. Suitable for eccentric screw pump

Technical Features

1. Ideal for use in process pumps standardization
2. Cartridge unit factory assembled for easy installation
3. Rugged design for long operating life
4. Ideal to convert and retrofit pumps with packing and large OEM production.
5. O-ring is dynamically loaded to prevent shaft damage



Industrial Application

Food stuff and animal feed industries
 Sweet cider pressing and beverage production
 Viticulture and wineries
 Spirit production and alcohol industry
 Breweries and malt houses
 Sugar industries
 Pharmaceuticals and cosmetics industry
 Oil and gas industries

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 Perfluorocarbon rubber/PTFE
Metal Parts: S.S.316/Hast'C

Note : Other MOC Combinations On Request

Available Sizes

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

Note : Other Sizes On Request

Operating Limits

Pressure = 25 Kg/cm2(MAX)
Temperature = -40°C to 220°C
Speed = 16m/s
Permissible axial movement =
 d1 upto 100mm = ±0.5mm
 d1 upto 100mm = ±2.0mm

Item	Description
1	O Ring
2	Sleeve
3,13	Spring(IB & OB)
4,9	SR shell(IB&OB)
5,8	SR (IB &OB)
6,7	MR(IB & OB)
10	Drive Collar
11	Holding clip
12	Gland plate
14	Circlip