RCDS Screw Pump

Cartridge Seals

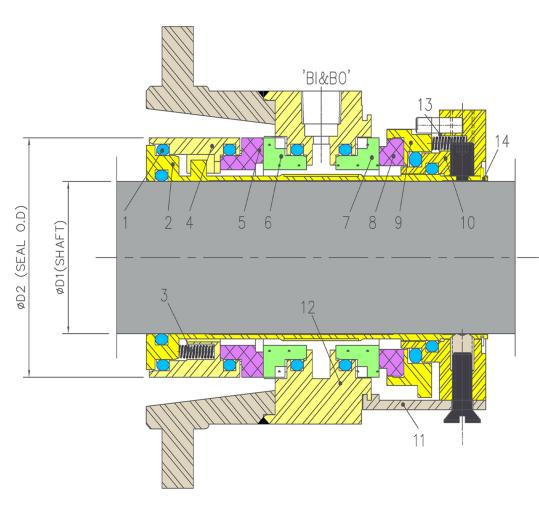


Product Description

- 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 – Carbido (Tungeton, Carbido)

Carbide/Tungsten -Carbide

Elastomer: Viton / Aflas/TTV/EPDM/KALREZ

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

Note: Other MOC Combinations On Request

<u> Available Sizes</u>

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

 $\mathbf{Speed} = 16 \text{m/s}$

Permissible axial movement =

d1 upto 100mm = ± 0.5 mm

 $d1 \text{ upto } 100 \text{mm} = \pm 2.0 \text{mm}$

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

