



Product Description

- 1. Dual seal configuration
- 2. Balanced design
- 3. Independent of direction of rotation
- 4. Cartridge construction
- 5. Designed for bottom entry vessels
- 6. Rotary unit with multiple springs
- 7. Construction with integrated bearing

Technical Features

- 1. Over all connecting dimensions are tailor made to customer's specifications
- 2. Specially designed to handle high operating pressure
- 3. Product side is equipped with floating throttle bush
- 4. The seal design is unique as it closes due to the hydraulic product pressure as well overlaying barrier pressure
- 5. Rugged design to ensure long term reliability and operating life
- 6. Seals are assembled in cartridge construction for easy fitment

Typical Industrial Applications

Agitators	Mixers
Chemical	Pharmaceutical
Dryers	Reactors
Filters	Toxic media
Food & beverage	

Performance Capabilities

Shaft diameter	d <sub>w</sub> = ... 400 mm (... 15.75")
Pressure	p <sub>1</sub> = vacuum ... 60 bar (870 PSI)
Temperature	t = -40 °C ... +200 °C (-40 °F...+392 °F)
Sliding velocity	v <sub>g</sub> = 0...5m/s (0 ... 16ft/s)

Materials

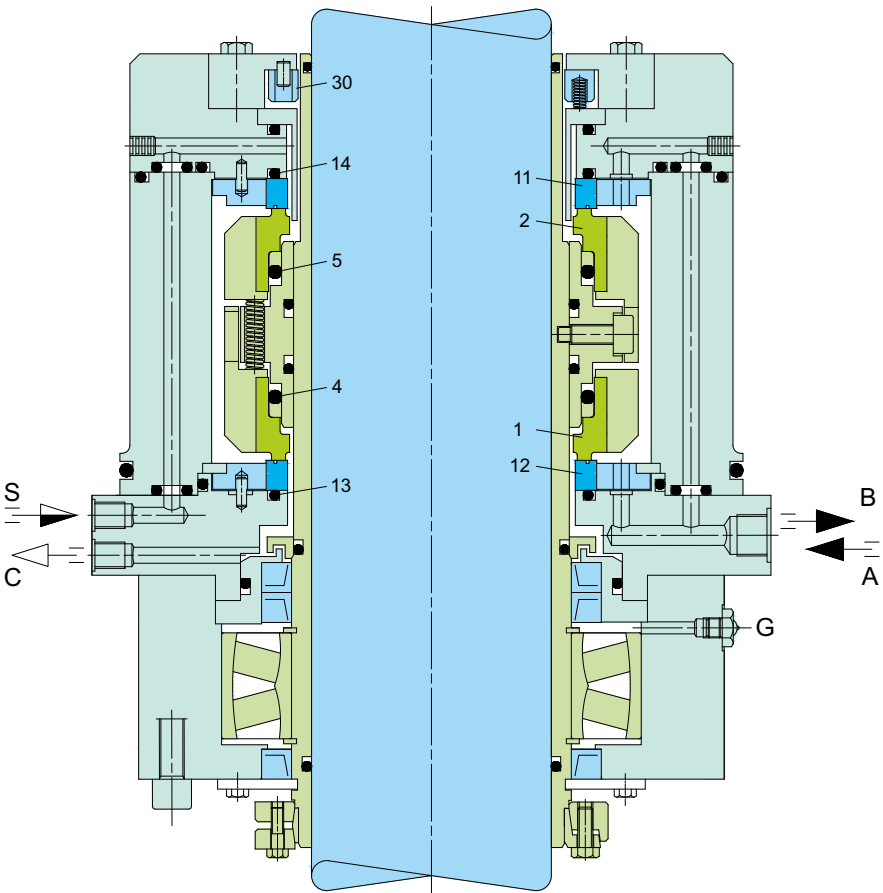
According to application and customer's specification

Notes

Options:  
Cooling or heating flange  
Leakage drain, flush or heating flange  
Leakage drain or flush

Item	Description
1	Seal face, atmosphere side
2	Seal face, product side
4, 5, 13, 14	O-ring
11	Seat, product side
12	Seat, atmosphere side
30	Throttle ring

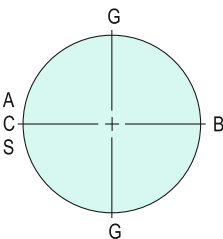
Installation, Details, Options



Note: The item numbers as depicted above are based on our technical experience and knowledge and are placed in the chronological order of their assembly procedure.

NOTE:

Refer "Agitator Seals Accessories" page no. 83



Supply connections

- A Barrier fluid IN
- B Barrier fluid OUT
- C Drainage
- G Grease
- S Flush