

ENGINEERING E>>XCELLENCE

LEADING MANUFACTURER & EXPORTER IN
**MECHANICAL SHAFT SEALS
& ROTARY JOINTS**



 **ASHISH[®] SEALS INDIA**



At Ashish Seals, we specialize in designing and manufacturing high performance mechanical seals & rotary joints for oil & gas, dairy, chemical, pharmaceutical, pulp & paper, power, and mining industries.

For over two decades, we have been a trusted partner in delivering precision-engineered sealing solutions across India and the Middle East. Our commitment to quality, innovation, and reliability has positioned us as a leading name in the industry.

State-of-the-Art Manufacturing

Advanced production technology ensures flawless product quality.

Uncompromising Quality Control

Every product undergoes multi-stage testing for durability & performance.

Innovation-Driven Approach

Continuous research & development to deliver cutting-edge solutions.

Global Standards, Local Expertise

World-class sealing solutions tailored to industry needs.

Reliability in every seal, Performance in every application



RUBBER BELLOW MECHANICAL SEAL

SUITABILITY

Water, General & Light Chemical

SERVICE

RO, Effluent Treatment Plant, Chemical Process, Petroleum, Pharmaceuticals, Nuclear, Thermal Power Plant, Distillers, Paper & Pulp Industries.

SHAFT DIAMETER

12 mm to 100 mm

SPEED

Upto 4500 RPM

PRESSURE

12 Bar (Max)

TEMPERATURE

20° C to 180° C

SECONDARY SEAL RING

Viton, Epdm, Neoprene, Nitrile & Silicone Carbon, Thugsten Carbide, Silicon, Ceramic & Stelite.

PRIMARY SEAL FACES

Carbon, Tungsten Carbide, Silicon, Ceramic & Stelite

HARDWARE

SS 304, SS 316 & any other material as per requirements.



CONICAL SPRING UNBALANCED MECHANICAL SEAL

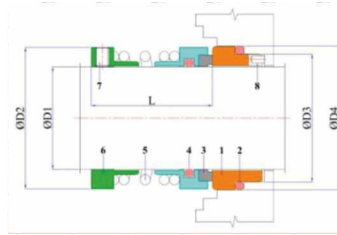
- SHAFT DIAMETER 20 mm to 100 mm
- PRESSURE 10 Bar (Max)
- TEMPERATURE - 20° C to 120° C
- APPLICATION Chemical, Water Sewage Application



PS31

BI - DIRECTION MECHANICAL SEAL

- SHAFT DIAMETER 25 mm to 90 mm
- PRESSURE 14 Bar (Max)
- TEMPERATURE - 25° C to 200° C
- APPLICATION Chemical, Water Slurry



PS34

MULTI SPRING MECHANICAL SEAL

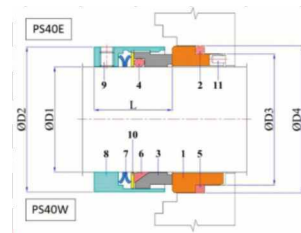
- SHAFT DIAMETER 25 mm to 100 mm
- PRESSURE 35 Bar (Max)
- TEMPERATURE - 60° C to 200° C
- APPLICATION Petrochemical, Chemical, Refinery



PS36

WAVE SPRING MECHANICAL SEAL

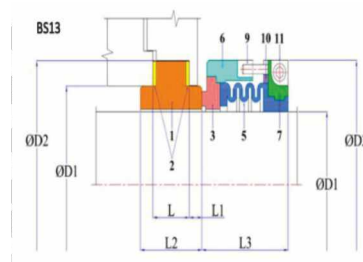
- SHAFT DIAMETER 20 mm to 100 mm
- PRESSURE 10 Bar (Max)
- TEMPERATURE - 45° C to 180° C
- APPLICATION Slurry, Chemical, Sewage Water



PS40

TEFLON BELOW MECHANICAL SEAL

- SHAFT DIAMETER 20 mm to 110 mm
- PRESSURE 6 Bar (Max)
- TEMPERATURE - 45° C to 120° C
- APPLICATION EXTREMELY CORROSIVE SERVICE

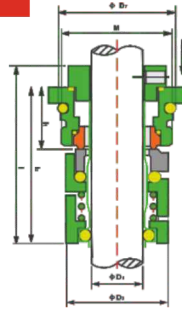


BS13

GRUNDFOS MECHANICAL SEAL

CS54

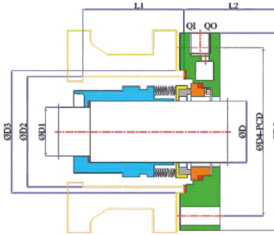
- SHAFT DIAMETER) 12 mm to 30 mm
- PRESSURE) UP TO 10 Bar (Max)
- TEMPERATURE) - 45° C to 150° C
- SHAFT SPEED) UP TO 25 M/S
- APPLICATION) GRUNDFOS PUMP



METAL BELLOW MECHANICAL SEAL

BS14

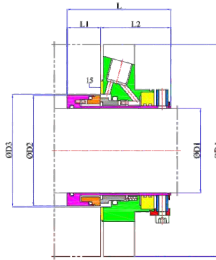
- SHAFT DIAMETER) 25 mm to 110 mm
- PRESSURE) UPTO 10 BAR (Max)
- TEMPERATURE) - 20° C to 350° C
- APPLICATION) PETROLEUM, REFINERIES
PETROCHEMICAL



SINGLE CARTRIDGE MECHANICAL SEAL

CS52

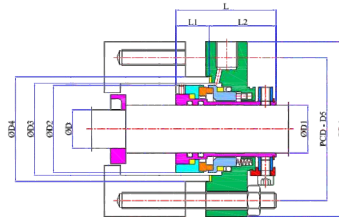
- SHAFT DIAMETER) 25 mm to 100 mm
- PRESSURE) 15 Bar (Max)
- TEMPERATURE) - 20° C to 200° C
- APPLICATION) SLURRY, PULP & PAPER,
SYRUP



SINGLE CARTRIDGE MECHANICAL SEAL

CS52 (CTX)

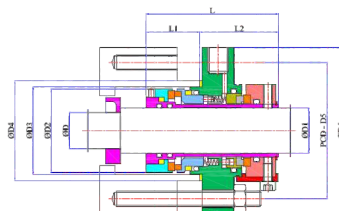
- SHAFT DIAMETER) 25 mm to 100 mm
- PRESSURE) 15 Bar (Max)
- TEMPERATURE) - 20° C to 200° C
- APPLICATION) SLURRY, PULP & PAPER,
SYRUP



DOUBLE CARTRIDGE MECHANICAL SEAL

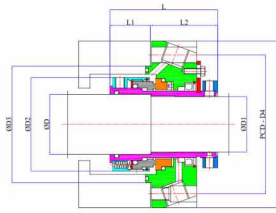
CS53 (CTX)

- SHAFT DIAMETER) 25 mm to 100 mm
- PRESSURE) 15 Bar (Max)
- TEMPERATURE) - 20° C to 220° C
- APPLICATION) SLURRY, PULP & PAPER,
SYRUP



SINGLE CARTRIDGE BOILER FEED MECHANICAL SEAL

- SHAFT DIAMETER) 40 mm to 100 mm
- PRESSURE) 50 to 140 Bar (Max)
- TEMPERATURE) -20° C to +250° C
- APPLICATION) POWER PLANT, CHEMICAL, PULP & PAPER, SUGAR PLANT

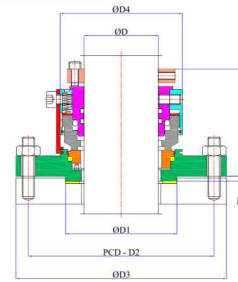


PS38(CX)



DRY RUNNING MECHANICAL SEAL

- SHAFT DIAMETER) 20 mm to 150 mm
- PRESSURE) VACCUM TO 10 Bar (Max)
- TEMPERATURE) -20° C to 150° C
- SHAFT SPEED) 3000 RPM
- APPLICATION) FOOD & PHARMACEUTICAL INDUSTRIES

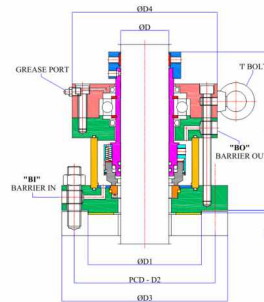


DS71(CX)



SINGLE AGITATOR MECHANICAL SEAL

- SHAFT DIAMETER) 20 mm to 150 mm
- PRESSURE) VACCUM TO 20 Bar (Max)
- TEMPERATURE) AMBIENT to 180° C
- SHAFT SPEED) 600 RPM
- APPLICATION) CHEMICAL, FOOD INDUSTRY PHARMACEUTICAL, REFINERIES PETROCHEMICAL

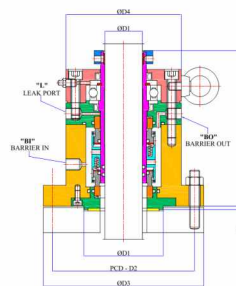


AS91



DOUBLE AGITATOR MECHANICAL SEAL

- SHAFT DIAMETER) 25 mm to 150 mm
- PRESSURE) VACUUM TO 10 Bar (Max)
- TEMPERATURE) AMBIENT to 250° C
- SHAFT SPEED) 600 RPM
- APPLICATION) CHEMICAL, FOOD INDUSTRY PHARMACEUTICAL, REFINERIES PETROCHEMICAL

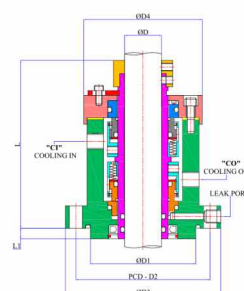


AS92N



BOTTOM ENTRY AGITATOR MECHANICAL SEAL

- SHAFT DIAMETER) 20 mm to 150 mm
- PRESSURE) 10 Bar (Max)
- TEMPERATURE) AMBIENT to 180° C
- SHAFT SPEED) 3000 RPM
- APPLICATION) CHEMICAL, FOOD INDUSTRY PHARMACEUTICAL, REFINERIES PETROCHEMICAL



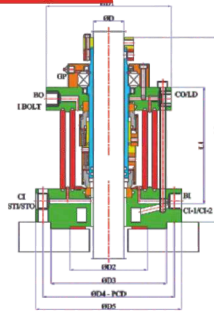
AS93



HIGH PRESSURE AGITATOR MECHANICAL SEAL

AS97

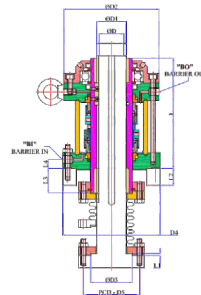
- SHAFT DIAMETER) 25 mm to 150 mm
- PRESSURE) VACCUM TO 35 Bar (Max)
- TEMPERATURE) AMBIENT to 250° C
- SHAFT SPEED) 600 RPM
- APPLICATION) CHEMICAL, FOOD INDUSTRY
PHARMACEUTICAL, REFINERIES
PETROCHEMICAL



ANFD REACTOR MECHANICAL SEAL

AS103

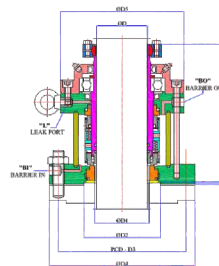
- SHAFT DIAMETER) 40 mm to 200 mm
- PRESSURE) VACUUM TO 6 Bar (Max)
- TEMPERATURE) -40° C to 200° C
- SHAFT SPEED) 400 RPM
- APPLICATION) CHEMICAL, REFINERIES
PETROCHEMICAL



GLASS LINED REACTOR DOUBLE MECHANICAL SEAL

AS105

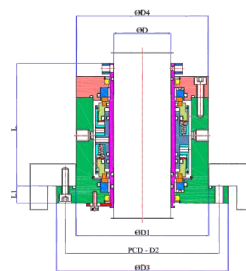
- SHAFT DIAMETER) 40 mm to 160 mm
- PRESSURE) VACUUM TO 10 Bar (Max)
- TEMPERATURE) AMBIENT to 200° C
- SHAFT SPEED) 600 RPM
- APPLICATION) CHEMICAL, REFINERIES
PETROCHEMICAL



DYNO INK, SOLVENT APPLICATION MECHANICAL SEAL

AS95N

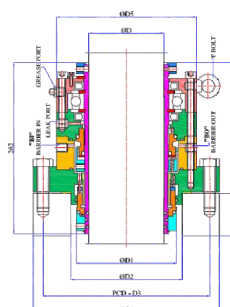
- SHAFT DIAMETER) 25 mm to 140 mm
- PRESSURE) VACCUM TO 15 Bar (Max)
- TEMPERATURE) AMBIENT to 200° C
- SHAFT SPEED) 600 RPM
- APPLICATION) DYNO INK, SOLVENT



DOUBLE AGITATOR MECHANICAL SEAL

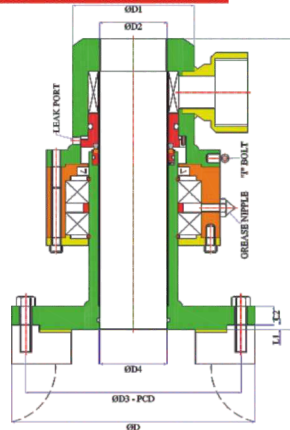
AS95

- SHAFT DIAMETER) 25 mm to 150 mm
- PRESSURE) VACCUM TO 10 Bar (Max)
- TEMPERATURE) AMBIENT to 250° C
- SHAFT SPEED) 600 RPM
- APPLICATION) CHEMICAL, FOOD INDUSTRY
PHARMACEUTICAL, REFINERIES
PETROCHEMICAL



MONO FLOW ROTARY JOINT

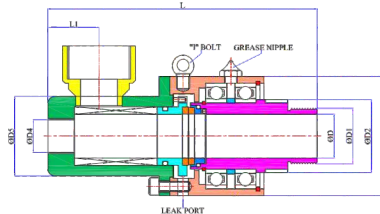
| | |
|-------------|--|
| SIZE | 3/8" TO 4" |
| PRESSURE | 35 BAR (Max) |
| TEMPERATURE | 200 °C |
| SHAFT SPEED | DEPEND ON SIZE |
| APPLICATION | AUTOMOTIVE, OIL & GAS, PULP & PAPER, STEEL, TEXTILE |



RJ90

SINGLE & DUAL FLOW ROTARY UNION

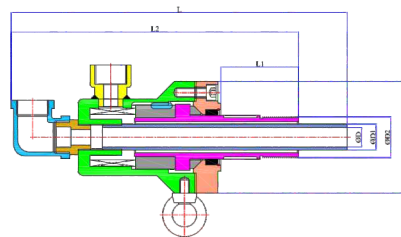
| | |
|-------------|--|
| SIZE | 3/8" TO 4" |
| PRESSURE | 35 BAR (Max) |
| TEMPERATURE | 180 °C |
| SHAFT SPEED | DEPEND ON SIZE |
| APPLICATION | AUTOMOTIVE, OIL & GAS, PULP & PAPER, STEEL, TEXTILE |



RJRU95

DUAL FLOW ROTARY UNION

| | |
|-------------|---|
| SIZE | 3/8" TO 4" |
| PRESSURE | 25 BAR (Max) |
| TEMPERATURE | 250 °C |
| SHAFT SPEED | DEPEND ON SIZE |
| APPLICATION | AUTOMOTIVE, STEAM, OIL & GAS, PULP & PAPER, STEEL, TEXTILE |



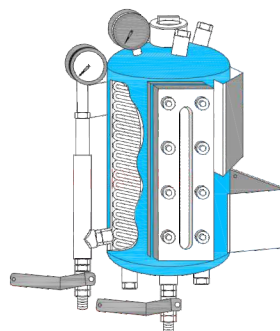
RU91

THERMOSYPHON POT SYSTEM

- Prevents dry run
- Keeps seal cooled & lubricated
- Extends the life of the seal

APPLICATION

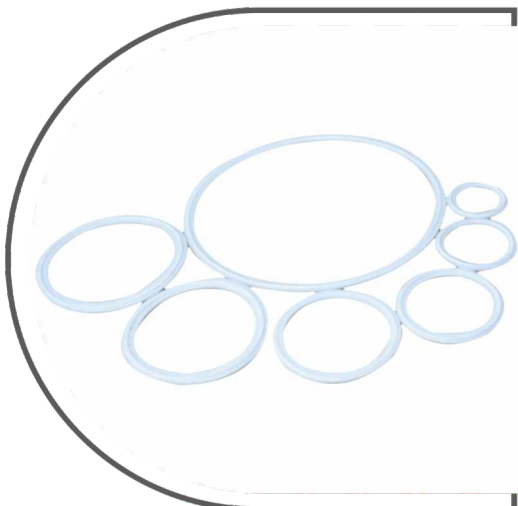
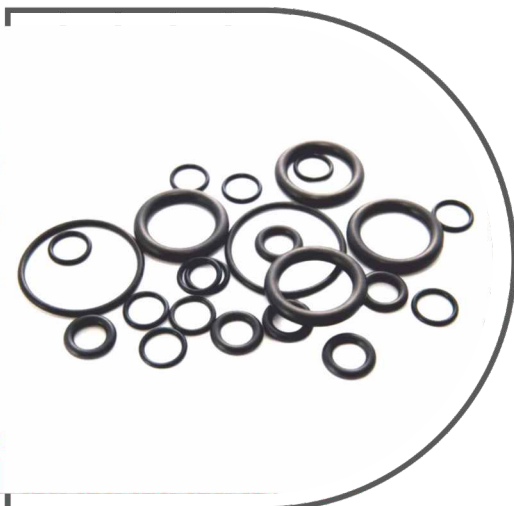
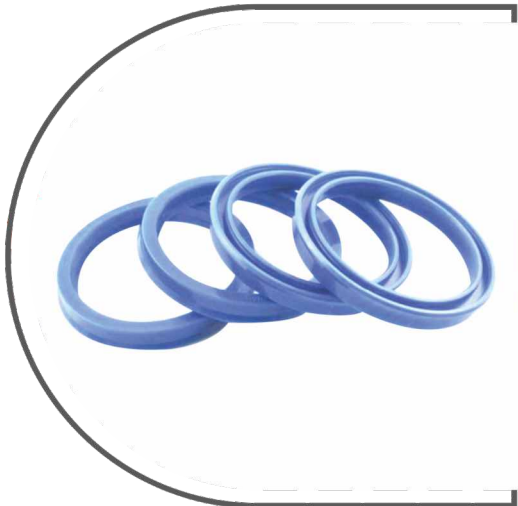
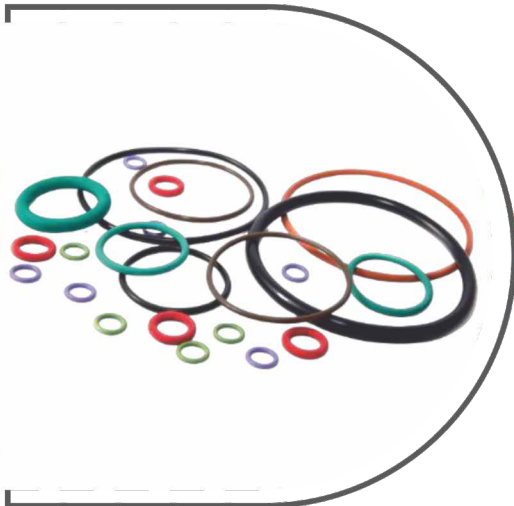
- REFINING, OIL & GAS INDUSTRY,
- CHEMICAL INDUSTRY,
- PETROCHEMICAL INDUSTRY



TSP100

PRIMARY PACKING & RUBBER PARTS

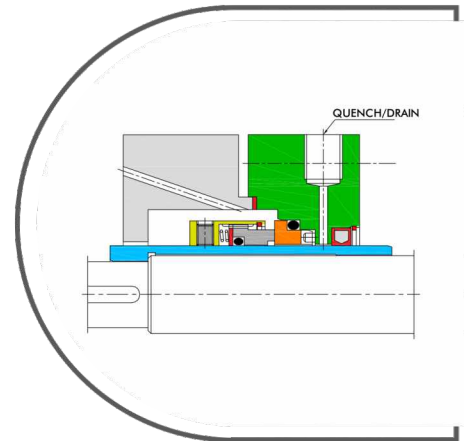
O RING, PTFE GASKET, U SEAL, LIP SEAL, OIL SEAL



FLUSHING API PLANS

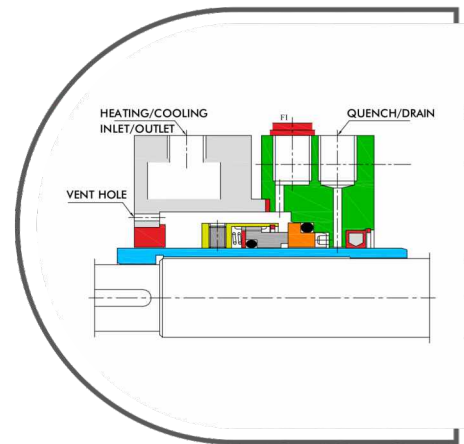
SEAL FLUSH PLAN 01

- Integral recirculating pump discharge To seal chamber.
- Recommended for clean pumpage only.
- Care must be taken to ensure that integral Recirculating is sufficient to maintain stable Face conditions.



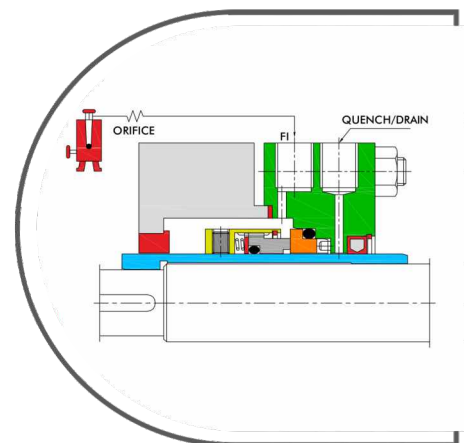
SEAL FLUSH PLAN 02

- Dead ended seal chamber with no Circulation of flushed fluid.
- Jacketed seal chamber and throat bushing Required When Specified.
- Connection Fi Plugged For Possible Future Connection.



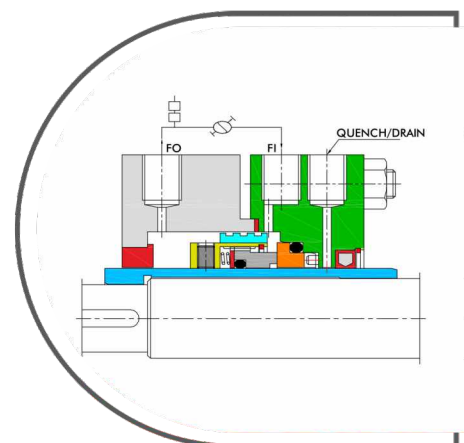
SEAL FLUSH PLAN 11

- Recirculating From Pump Discharge Through A Flow Control Orifice To The Seal.
- The Flow Enters The Seal Chamber Adjacent To The Mechanical Seal Faces, Flushes The Faces, And Flows Across The Seal Back In To The Pump.
- Connection Fi For Flushing Inlet.



SEAL FLUSH PLAN 23

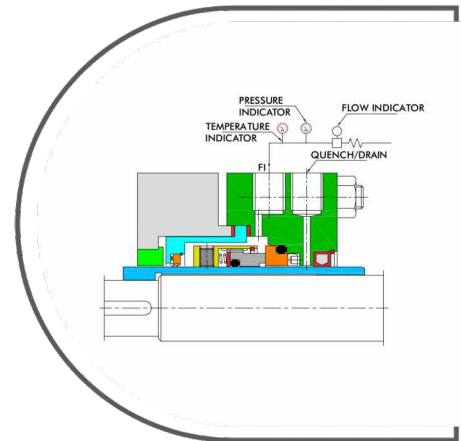
- Recirculation From A Pumping Ring In The Seal Chamber Through A Cooler And Back In To The Seal Chamber.
- This Plan Can Be Used On Hot Applications To Minimize The Heat Load On The Cooler By Cooling Only The Small Amount Of Liquid That Is Recirculated.
- Connection Fi For Flushing Inlet And Fo For Flushing Outlet.



FLUSHING API PLANS

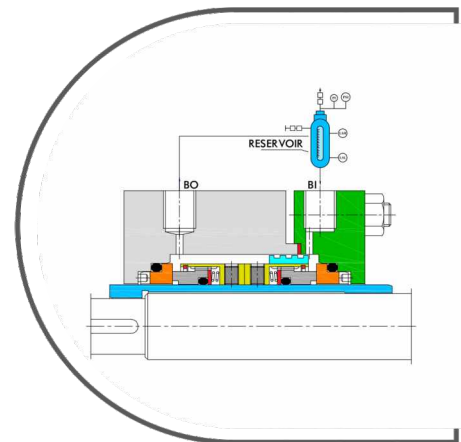
SEAL FLUSH PLAN 32

- Flush Is Injected In To The Seal Chamber From An External Source.
- Care Must Be Exercised In Choosing A Proper Source Of Seal Flush To Eliminate Potential For Vaporization Of The Fluid Being Pumped With The Injected Flush.
- Connection Fi For Flushing Inlet.



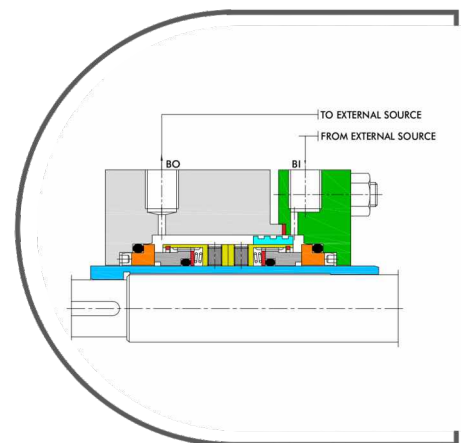
SEAL FLUSH PLAN 53A

- Pressurized External Barrier Fluid Reservoir Supplying Clean Fluid To The Seal Chamber. Circulation Is By An Internal Pumping Ring.
- Reservoir Pressure Is Greater Than The Process Fluid Being Sealed.
- Connection Bi For Barrier Inlet And Bo For Barrier Outlet.



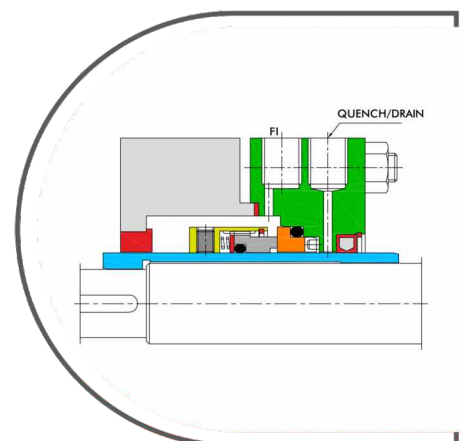
SEAL FLUSH PLAN 54

- Pressurized External Barrier Fluid Reservoir System Supplying Clean Fluid To The Seal Chamber.
- Circulation Is By An External Pump Or Pressure System.
- Reservoir Pressure Is Greater Than The Process Pressure Being Sealed.
- Connection Bi For Barrier Inlet And Bo For Barrier Outlet.



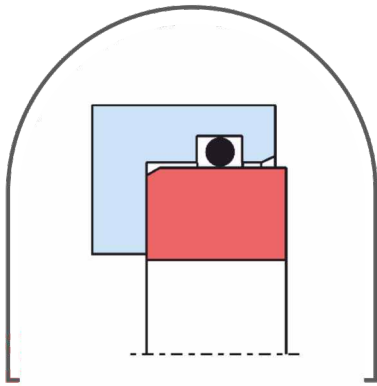
SEAL FLUSH PLAN 62

- Exterior Source Providing A Quench
- The Quench May Be Required To Prevent Solids From Accumulating On The Atmospheric Side Of The Seal.
- Typically Used With A Close Clearance Throttle Bush.
- Connection Fi For Flush Inlet If Required.

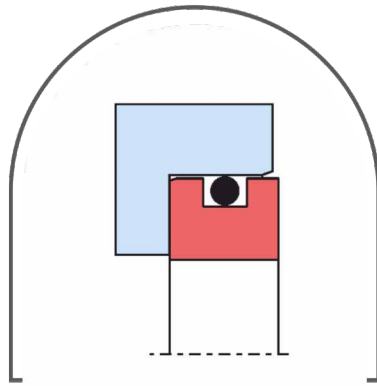


STANDARD MATING RING TYPES

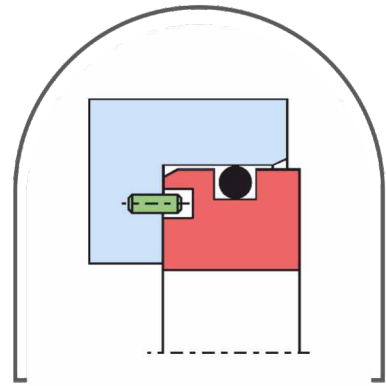
TYPE 101



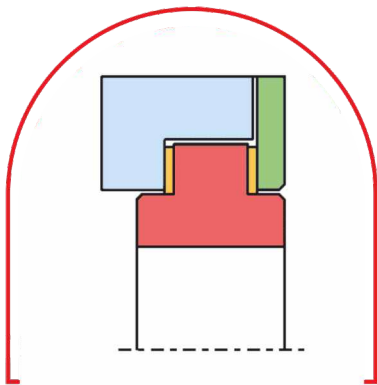
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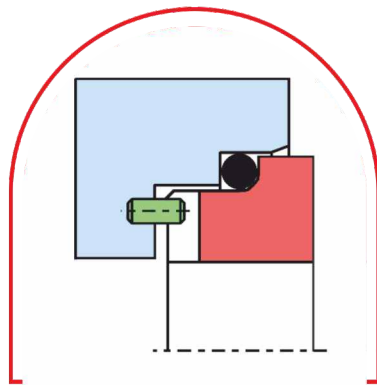
TYPE 103



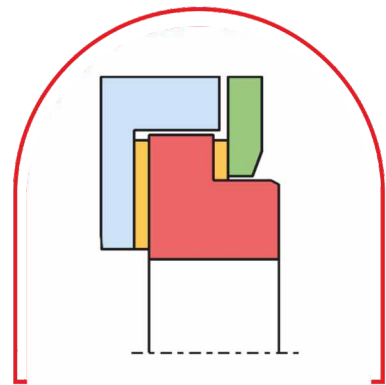
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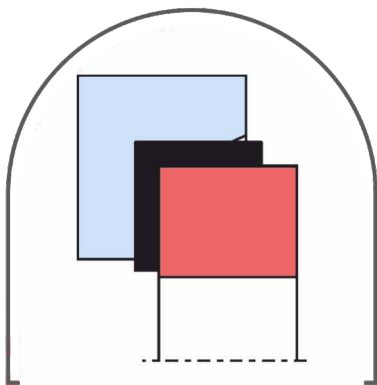
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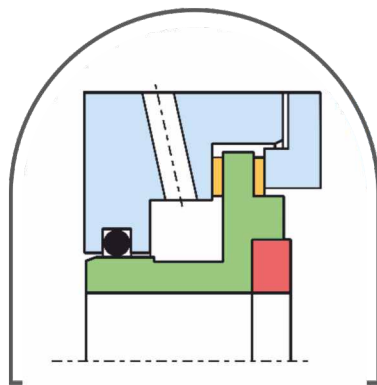
TYPE 106



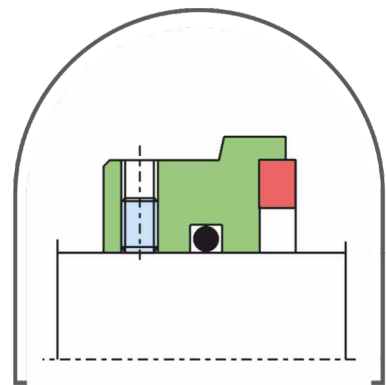
TYPE 107



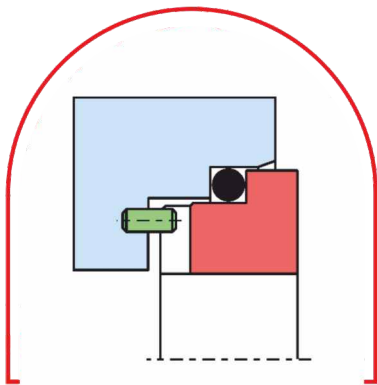
TYPE 108



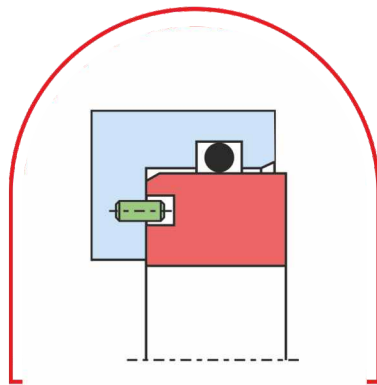
TYPE 109



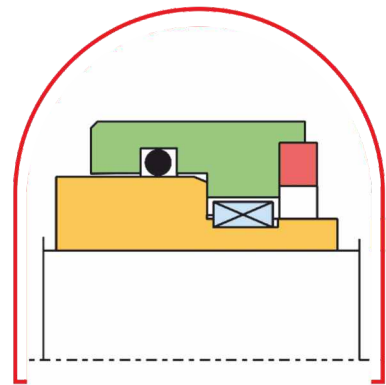
TYPE 110



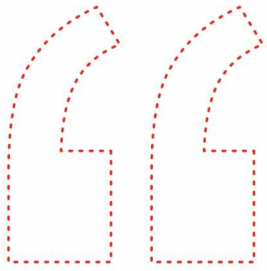
TYPE 111



TYPE 112



Engineering Excellence, Powering Performance!



At Ashish Seals, we redefine sealing technology with precision, innovation, and reliability. Our commitment to Engineering Excellence ensures high-performance solutions that drive efficiency across industries.

Why Choose Ashish Seals?

Precision-Engineered Solutions

Advanced sealing technology for superior performance.

Unmatched Reliability

Built to withstand extreme industrial conditions.

Innovation-Driven Approach

Continuous advancements to meet industry demands.

Optimized for Efficiency

Reducing downtime, maximizing productivity.

Sustainability & Safety

Eco-friendly solutions ensuring long-term safety and efficiency.

Tailored Expertise

20+ years of experience in customized sealing solutions.



Milestone Moments: ChemTECH 2024

Showcasing Innovation, Engineering Excellence & Industry Leadership

A proud moment where we connected with industry experts, showcased cutting edge sealing solutions, and reinforced our commitment to quality and innovation.



Client Satisfaction, Our Priority

We believe in quality, reliability, and continuous improvement. Client feedback drives our innovation, ensuring superior sealing solutions, timely delivery, and unmatched service



✔ **Customer Centric Approach**

✔ **Timely Delivery & Support**

✔ **Unmatched Quality & Reliability**

✔ **Continuous Innovation & Improvement**

VISION

Our Vision is to strive for excellence and become a competitive firm which provides international standards of quality and service by catering to the changing needs of industry.



MISSION

We aspire to make a mark in the Indian Mechanical Seal Industry through our high quality tested products and unsurpassed service that is governed by continuous innovation in our product design, processes and client servicing. This we plan to achieve through our core values.



VALUES

At Ashish Seals our values are the foundations on which we are built. They guide the way we conduct business, work with our customers, within our local communities and with each other.



AN ISO 9001 – 2015 CERTIFIED COMPANY

RELIABLE SEALS, SUPERIOR PERFORMANCE !

SEALING TECHNOLOGY DESIGNED FOR
RELIABILITY, EFFICIENCY & LONGEVITY.



SEAL
SOLUTIONS
FOR EVERY
NEED!



MUMBAI | CORPORATE OFFICE & FACTORY

Unit No. Bf-10, 1st Floor, Saraf Kaskar Industrial Estate,
S.V. Road, Jogeshwari(w), Mumbai - 400 102.

QUICK HELP

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