



PROBLEM ?
THE SOLUTION : QUALITY

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

AN ISO 9001 – 2015
CERTIFIED COMPANY.



MSME
MICRO, SMALL & MEDIUM ENTERPRISE

We designs, manufactures Seals & Rotary Joints for the oil & gas, dairy industry, chemical, pharmaceutical, pulp & paper, power, mining etc.

We have been trusted for more than two decades to design, manufacture and deliver mechanical seals, rotary joints, sealing systems and parts to customers across the country and middle east too. With our consistent performance and superior quality products, we have established ourselves as a renowned company catering to our clients with varied precision mechanical seals solutions. Our state-of-the-art production machines assist us in developing flawless series of products.

Quality & Durability are the prime concern of our organization. Research is the constant process we follow to deliver unique products solution, We follow the state of art manufacturing process, inspection & testing facility to ensure the quality of each product. We have zero tolerance policy during quality analysis of finish products, products pass the multi testing before delivering to the clients. Our mission is to provide with superior most quality and best services possible to our valuable clients with world class standardization & International quality.




THE
ULTIMATE
QUALITY
SOLUTION

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, Tungsten Carbide, Silicon, Ceramic & Stellite.
PRIMARY SEAL FACES	Carbon, Tungsten Carbide, Silicon, Ceramic & Stellite
HARDWARE	SS 304, SS 316 & any other material as per requirements.

BS11



BS11A



BS11C



BS12

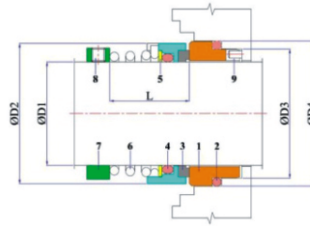


BS19



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

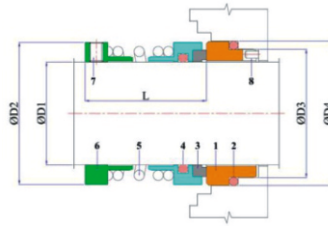


PS31



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

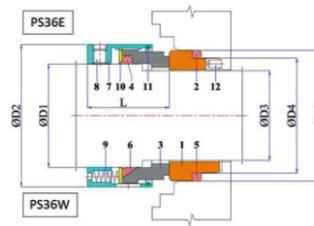


PS34



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

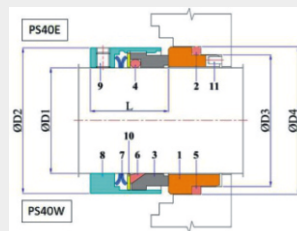


PS36



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

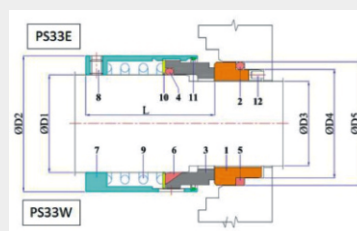


PS40



HALICAL SPRING MECHANICAL SEAL

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

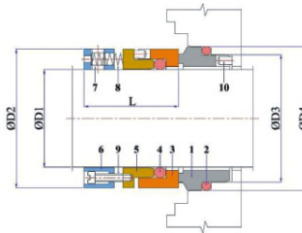


PS33



ENGINEERED BALANCED MECHANICAL SEAL

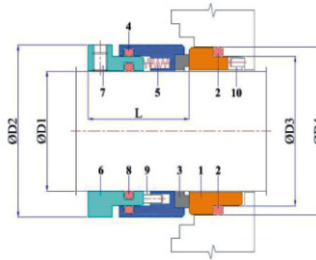
SHAFT DIAMETER	25 mm to 110 mm
PRESSURE	25 Bar to 150 Bar (Max)
TEMPERATURE	- 140° C to 180° C
APPLICATION	Food, Chemical, Mining Industry, Treatment, Slurry.



PS39

SINGLE ACTING BALANCED MECHANICAL SEAL

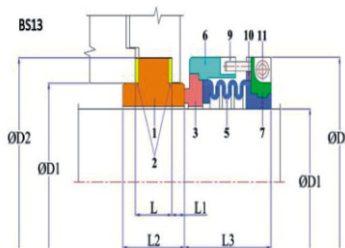
SHAFT DIAMETER	25 mm to 110 mm
PRESSURE	25 Bar (Max)
TEMPERATURE	- 20° C to 180° C
APPLICATION	FOOD, CHEMICAL, MINING INDUSTRY, TREATMENT, SLURRY.



PS38

TEFLON BELOW MECHANICAL SEAL

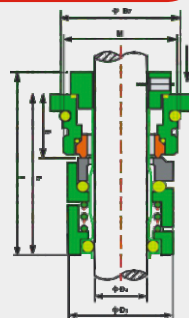
SHAFT DIAMETER	20 mm to 110 mm
PRESSURE	6 Bar (Max)
TEMPERATURE	- 45° C to 120° C
APPLICATION	EXTREMELY CORROSIVE SERVICE



BS13

GRUNDFOS MECHANICAL SEAL

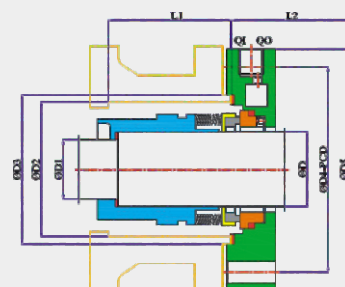
SHAFT DIAMETER	12 mm to 30 mm
PRESSURE	UP TO 10 Bar (Max)
TEMPERATURE	- 45° C to 150° C
SHAFT SPEED	UP TO 25 M/S
APPLICATION	GRUNDFOS PUMP



CS54

METAL BELLOW MECHANICAL SEAL

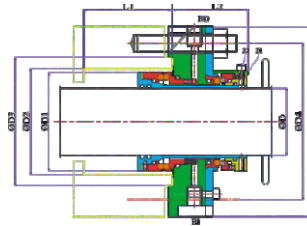
SHAFT DIAMETER	25 mm to 110 mm
PRESSURE	UPTO 10 BAR (Max)
TEMPERATURE	- 20° C to 350° C
APPLICATION	PETROLEUM, REFINERIES PETROCHEMICAL



BS14

DOUBLE CARTRIDGE MECHANICAL SEAL

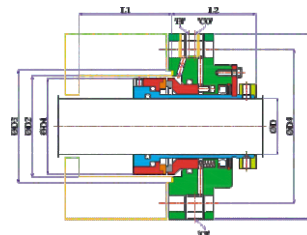
SHAFT DIAMETER	25 mm to 80 mm
PRESSURE	20 Bar (Max)
TEMPERATURE	- 20° C to 180° C
APPLICATION	SLURRY, FOOD, CHEMICAL, MINING INDUSTRY, WATER



CS51

SINGLE CARTRIDGE MECHANICAL SEAL

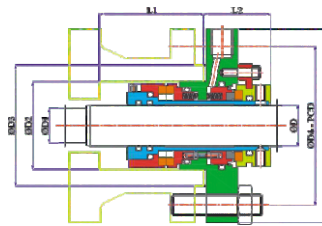
SHAFT DIAMETER	25 mm to 100 mm
PRESSURE	25 Bar (Max)
TEMPERATURE	- 20° C to 200° C
APPLICATION	SLURRY, PULP & PAPER, SYRUP



CS52

DOUBLE CARTRIDGE MECHANICAL SEAL

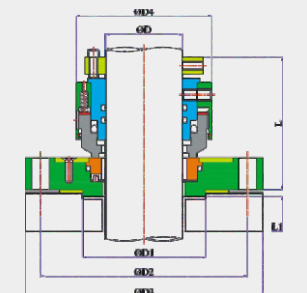
SHAFT DIAMETER	25 mm to 100 mm
PRESSURE	UPTO 15 Bar (Max)
TEMPERATURE	- 20° C to 220° C
APPLICATION	SLURRY, PULP & PAPER, SYRUP



CS53

DRY RUNNING MECHANICAL SEAL

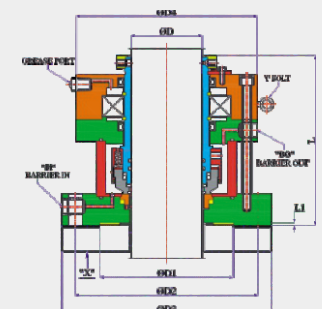
SHAFT DIAMETER	20 mm to 150 mm
PRESSURE	VACCUM TO 10 Bar (Max)
TEMPERATURE	- 20° C to 220° C
SHAFT SPEED	1000 RPM (Max)
APPLICATION	FOOD & PHARMACEUTICAL INDUSTRIES



DS71

SINGLE AGITATOR MECHANICAL SEAL

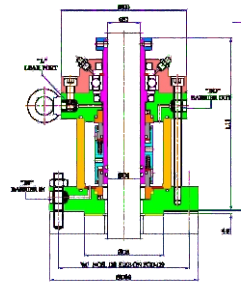
SHAFT DIAMETER	20 mm to 150 mm
PRESSURE	VACCUM TO 20 Bar (Max)
TEMPERATURE	AMBIENT to 180° C
SHAFT SPEED	320 RPM (Max)
APPLICATION	CHEMICAL, FOOD INDUSTRY PHARMACEUTICAL, REFINERIES PETROCHEMICAL



AS91

DOUBLE AGITATOR MECHANICAL SEAL

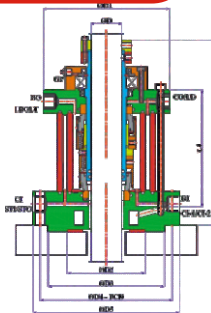
SHAFT DIAMETER	25 mm to 150 mm
PRESSURE	VACUUM TO 10 Bar (Max)
TEMPERATURE	AMBIENT to 250° C
SHAFT SPEED	600 RPM (Max)
APPLICATION	CHEMICAL, FOOD INDUSTRY PHARMACEUTICAL, REFINERIES PETROCHEMICAL



AS92

HIGH PRESSURE AGITATOR MECHANICAL SEAL

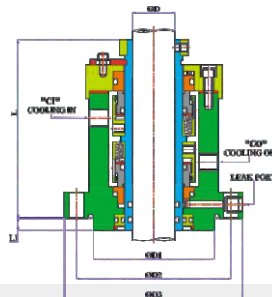
SHAFT DIAMETER	25 mm to 150 mm
PRESSURE	VACUUM TO 35 Bar (Max)
TEMPERATURE	AMBIENT to 250° C
SHAFT SPEED	600 RPM (Max)
APPLICATION	CHEMICAL, FOOD INDUSTRY PHARMACEUTICAL, REFINERIES PETROCHEMICAL



AS97

BOTTOM ENTRY AGITATOR MECHANICAL SEAL

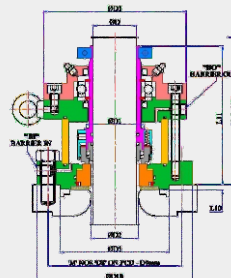
SHAFT DIAMETER	20 mm to 150 mm
PRESSURE	10 Bar (Max)
TEMPERATURE	AMBIENT to 180° C
SHAFT SPEED	1400 RPM (Max)
APPLICATION	CHEMICAL, FOOD INDUSTRY PHARMACEUTICAL, REFINERIES PETROCHEMICAL



AS93

GLASS LINED REACTOR MECHANICAL SEAL

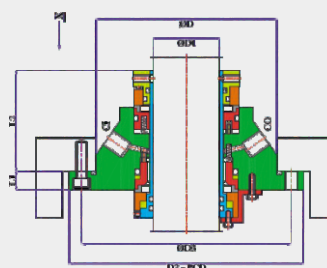
SHAFT DIAMETER	40 mm to 160 mm
PRESSURE	VACUUM TO 10 Bar (Max)
TEMPERATURE	AMBIENT to 200° C
SHAFT SPEED	600 RPM (Max)
APPLICATION	CHEMICAL, REFINERIES PETROCHEMICAL



AS104

DYNO INK, SOLVENT APPLICATION MECHANICAL SEAL

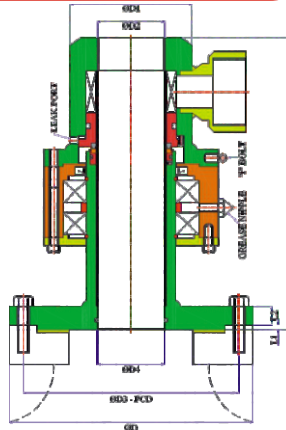
SHAFT DIAMETER	25 mm to 140 mm
PRESSURE	VACUUM TO 15 Bar (Max)
TEMPERATURE	AMBIENT to 200° C
SHAFT SPEED	600 RPM (Max)
APPLICATION	DYNO INK, SOLVENT



AS95N

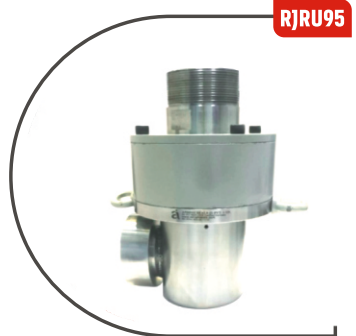
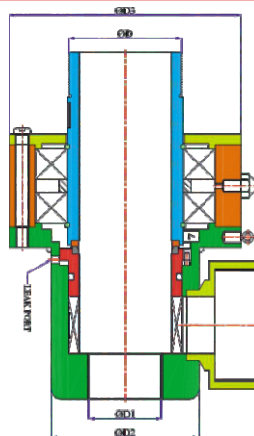
MONO FLOW ROTARY JOINT

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



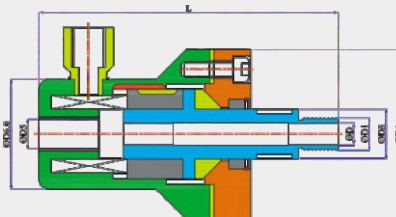
SINGLE & DUAL FLOW ROTARY UNION

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



SINGLE 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

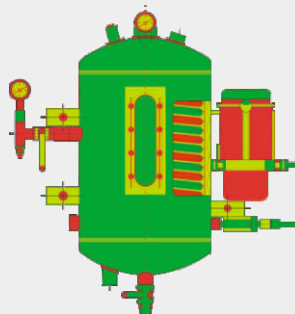


THERMOSYPHON POT SYSTEM

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

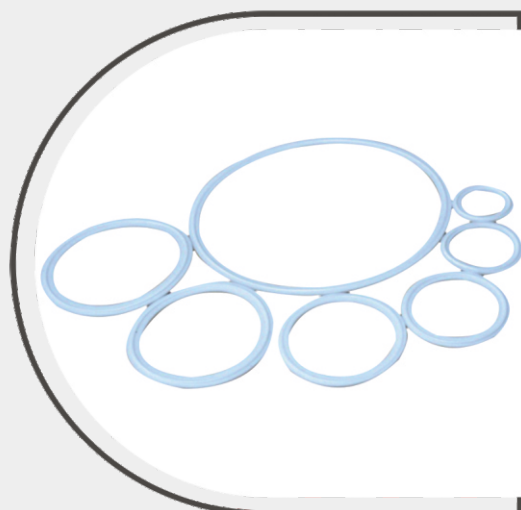
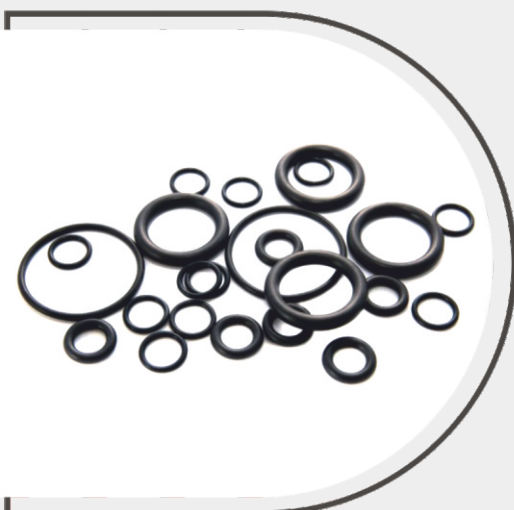
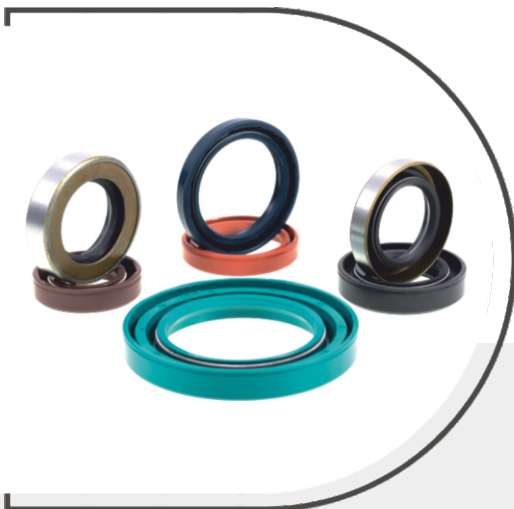
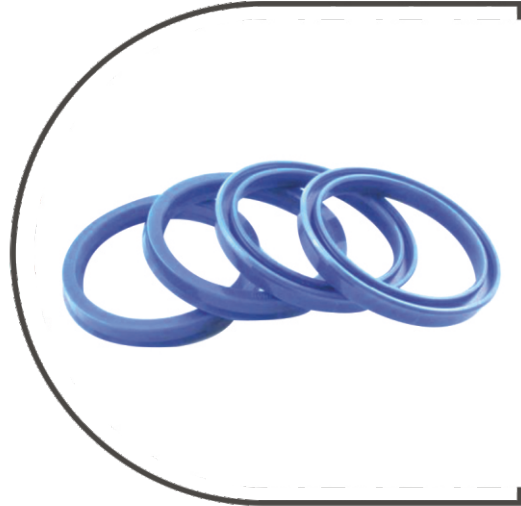
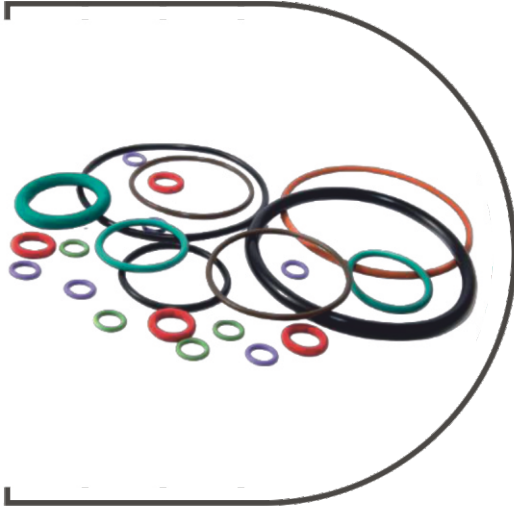
APPLICATION

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



PRIMARY PACKING & RUBBER PARTS

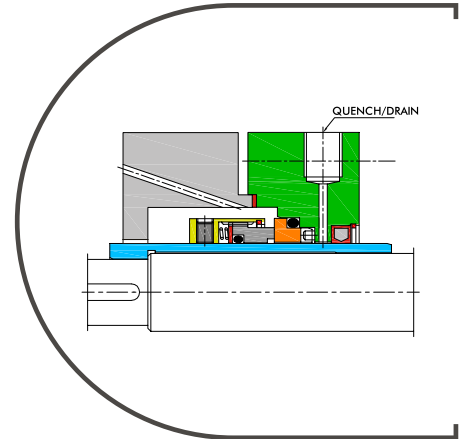
O RING, PTFE GASKET, U SEAL, LIP SEAL, OIL SEAL



FLUSHING API PLANS

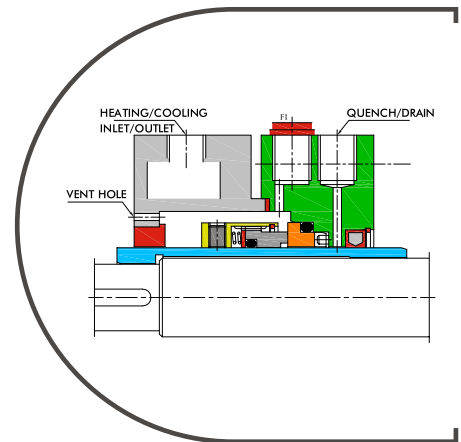
SEAL FLUSH PLAN 01

- 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.



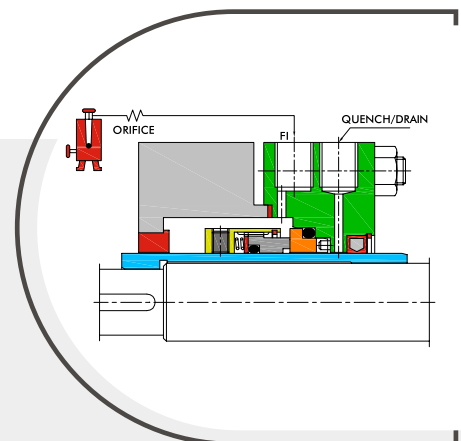
SEAL FLUSH PLAN 02

- 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.



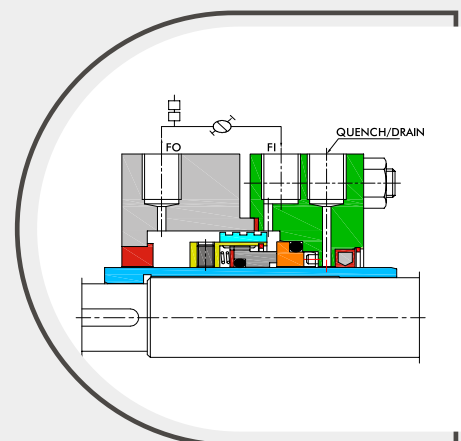
SEAL FLUSH PLAN 11

- 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

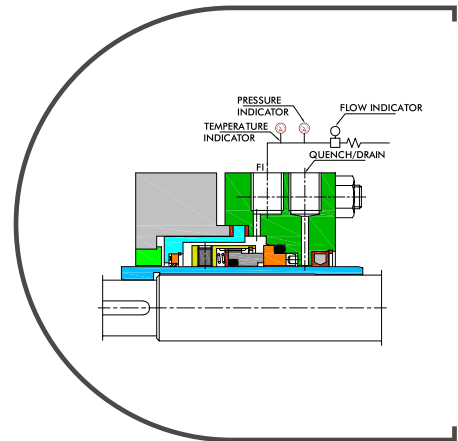
- Recirculation From A Pumping Ring In The Seal Chamber Through A Cooler And Back In To The Seal Chamber.
- This Plan Can Be Used On Hot Applications To Minimize The Heat Load On The Cooler By Cooling Only The Small Amount Of Liquid That Is Recirculated.
- Connection Fi For Flushing Inlet And Fo For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



FLUSHING API PLANS

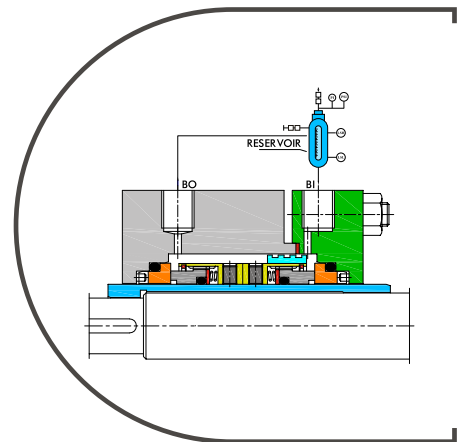
SEAL FLUSH PLAN 32

- 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.



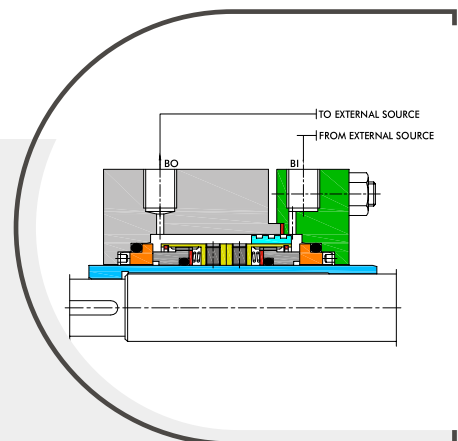
SEAL FLUSH PLAN 53A

- 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.



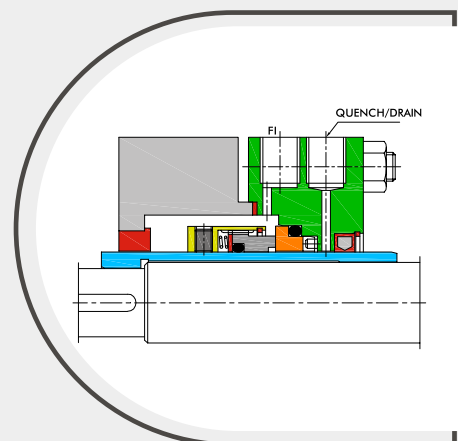
SEAL FLUSH PLAN 54

- 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.



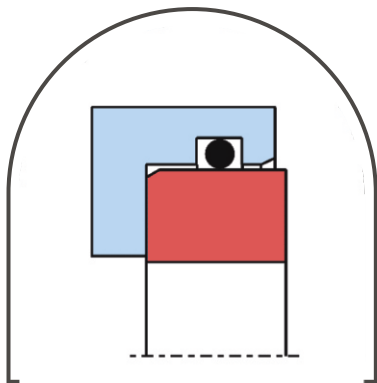
SEAL FLUSH PLAN 62

- 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.

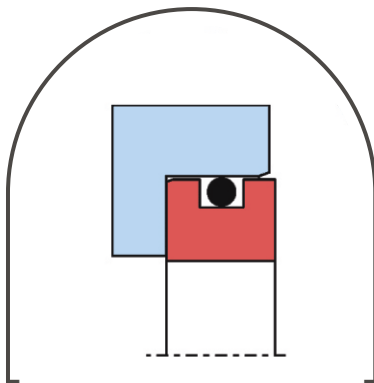


STANDARD MATING RING TYPES

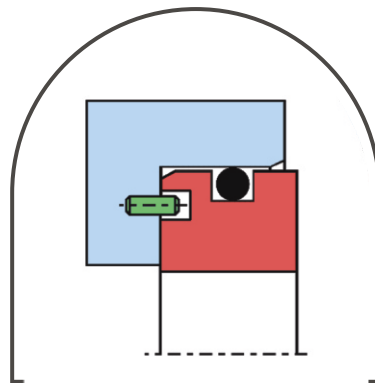
TYPE 101



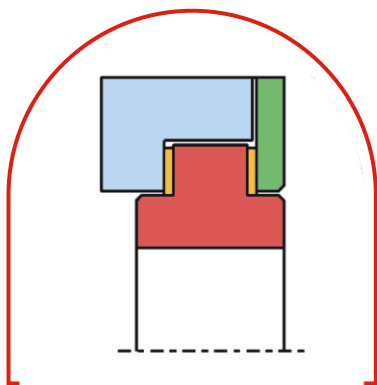
TYPE 102



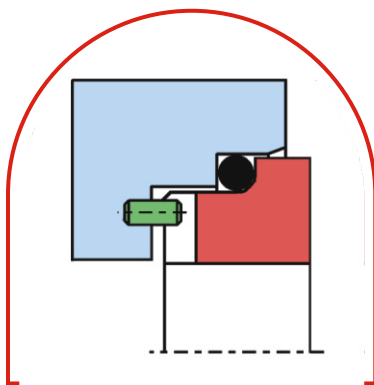
TYPE 103



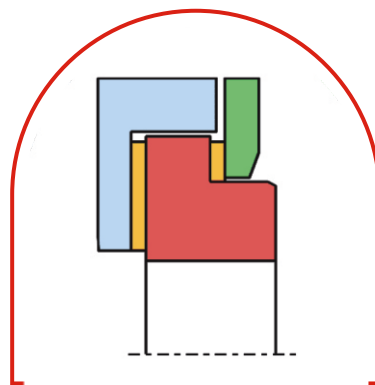
TYPE 104



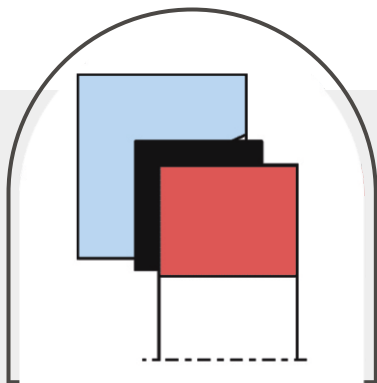
TYPE 105



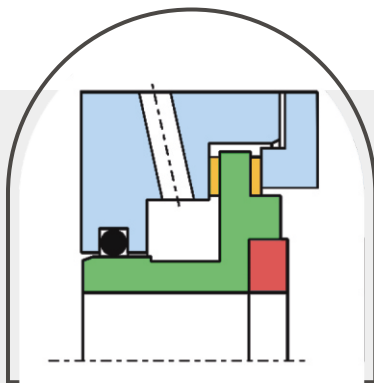
TYPE 106



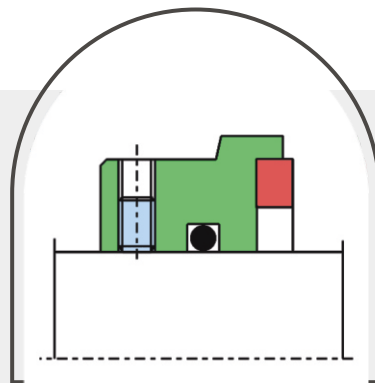
TYPE 107



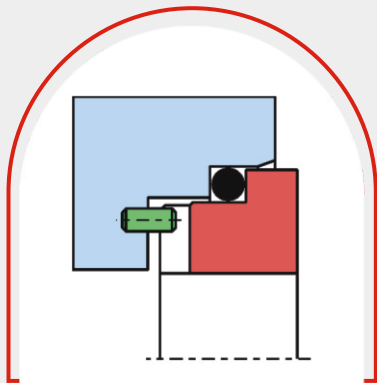
TYPE 108



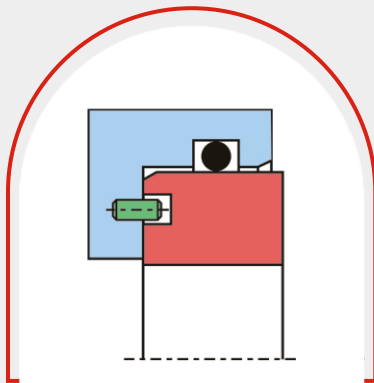
TYPE 109



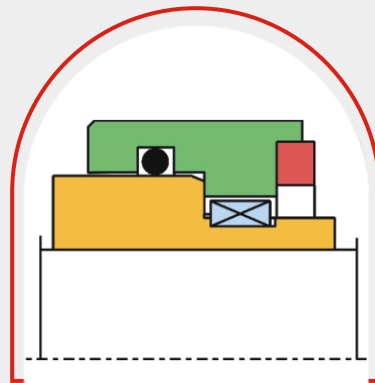
TYPE 110



TYPE 111



TYPE 112



WHY WE ARE TRUSTED ?

Making available world class Chemical Process Pumps & Mechanical Seals to suit different clients has been possible with our strong sense of integrity, a knack for improvisation and exemplary quality equipment.



CUSTOM ENGINEERED SERVICE

Ashish Seals can custom engineer seals to your exact specifications.



DETAILED PRODUCT ANALYSIS

Our technicians carefully inspect each seal during each step of the process.



PRESSURE TESTED AFTER ASSEMBLY

All of our seals are pressure tested after final assembly to assure quality.

DELIVERING THE
RELIABLE & DURABLE
SEALING SOLUTION



LET'S POWER THE FUTURE
THROUGH INNOVATION



**GLOBAL
PRESENCE**



**150+
PRODUCTS**



**22+
STATES COVERED**



**1500+
HAPPY CLIENTS**

WHY
ASHISH MAKE
IS THE CHOICE OF HAPPINESS ?

- ✓ QUALITY ASSURANCE
- ✓ AMPLE EXPERIENCE
- ✓ CERTIFIED PRODUCTS
- ✓ SKILLED TEAM
- ✓ ENDLESS R&D
- ✓ CUSTOMER-CENTRIC



**CUSTOMIZED
SEALING SOLUTIONS**

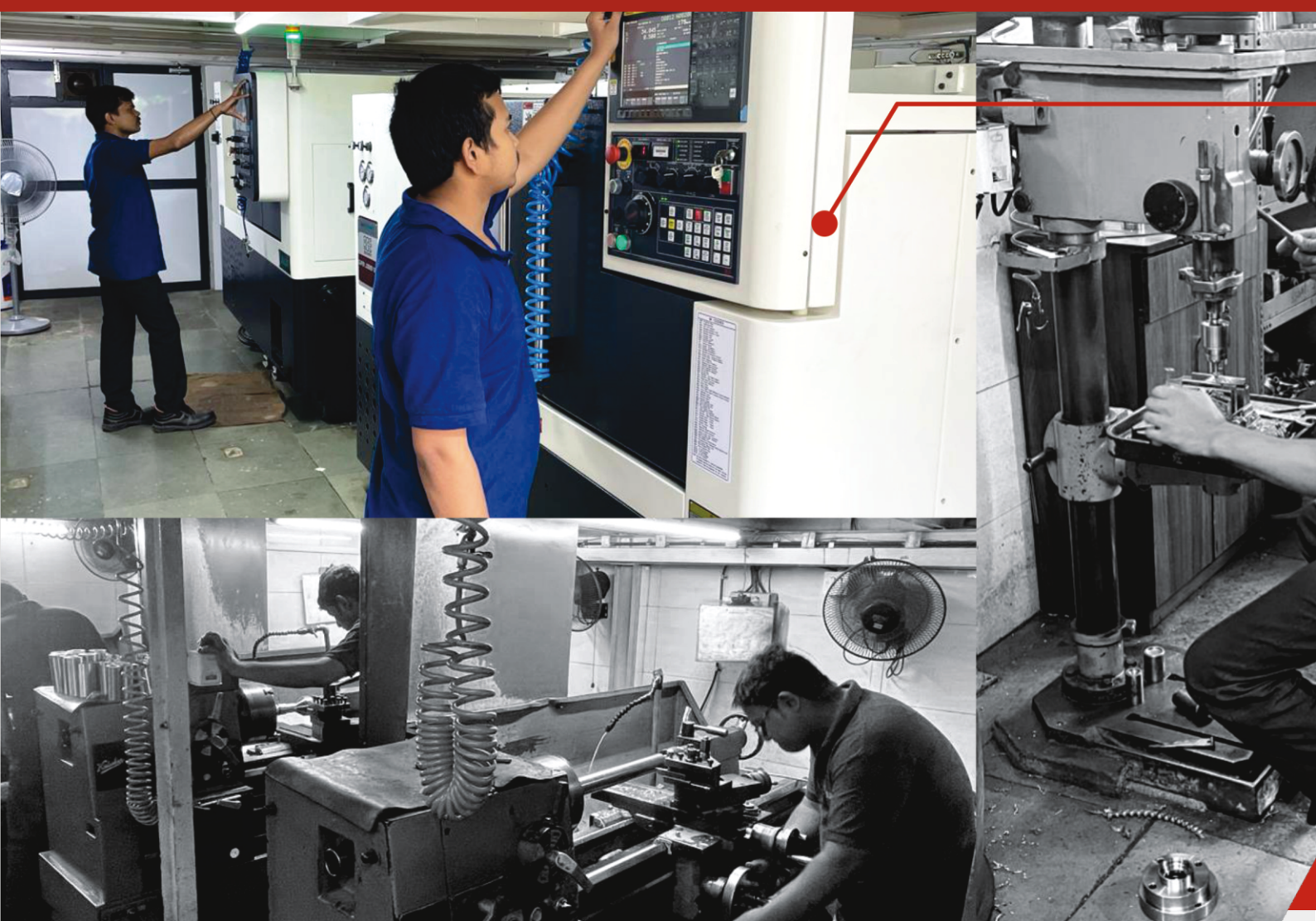
Bring us your specifications, and we will develop a sealing solution that delivers optimal performance in virtually any operating environment. Rely on us to meet even the most demanding sealing challenge.

We are group of

PROFESSIONAL & SKILLED TEAM

We have been backed by a team of experts, which makes sure to offer excellent Mechanical Seals.

We have a strong team of skilled and qualified professionals who assist in the production of quality mechanical seals with exclusive designs and patterns. With the concerted efforts of our team members, we are able to design the products as per the international standards. Our team includes production engineers, technicians, project managers, R & D, quality analysts, sales and marketing professionals.



CLIENT SATISFACTION

We are a client centric organization and leave no stone unturned in providing that

The feedbacks of our clients and working on any loophole that causes concern to them, has been our prime task throughout. Consequently, we have attracted numerous clients from all over the country. Owing to our sophisticated production procedures, effective packaging schemes and timely delivery, we have established ourselves as an upcoming business giant.



✓ PROFESSIONALS ENGINEERS

✓ SKILLED TECHNICIAN

✓ R&D EXPERTS

✓ REPAIRING EXPERTS

✓ WAREHOUSING EXPERTS

✓ QUALITY CHECKERS

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.





YOUR **✓ RELIABLE** SEAL PARTNER

- ✓ ADVANCED EXPERTISE
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