



S.H. ENGINEERING™

Engineered for Precise Sealing ...

INDUSTRY WE SERVE :

- PETROCHEMICALS
- REFINERIES
- FOOD & BEVERAGES
- POWER PLANT
- FERTILIZERS
- PHARMACEUTICAL
- CHEMICAL
- MARINE

*Your Partner
in Precision
Sealing.*



MANUFACTURER & SUPPLIER OF

ALL TYPES OF MECHANICAL SEALS, PUMPS SPARES & SERVICE,
ROTARY JOINTS, VARIOUS TYPES OF RUBBER, TEFLON & NYLON PRODUCTS



S.H. ENGINEERINGTM
Engineered for Precise Sealing ...

OUR STORY

SH Engineering was founded with a vision backed by over 12 years of industry experience. The company has developed extensive expertise in mechanical seal and sealing solutions for pumps used in chemical process industries. With hands-on experience in machining, design, and troubleshooting, SH Engineering delivers reliable and effective sealing solutions tailored to industrial requirements.

Driven by a passion for precision and engineering excellence, our journey in mechanical manufacturing began with a clear vision to provide high-quality, dependable components that support innovation. From our humble beginnings as a small workshop, we have evolved into a trusted partner for industries across the globe. By blending advanced technology with skilled craftsmanship, we ensure every product meets the highest standards of quality, performance, efficiency, and engineering expertise.

Our manufacturing facility in Kharod, Ankleshwar, Gujarat, is equipped with advanced machinery, including CNC, lathe, drilling, grinding, and lapping machines. This modern infrastructure enables us to manufacture high-quality mechanical seals and pumps tailored to the specific requirements of our valued clients. Supported by stringent quality control processes, we ensure consistent performance, precision, and reliability. Our mechanical seals and pumps are widely used in chemical process industries, providing efficient and dependable sealing solutions for demanding applications.

WHY CHOOSE US

OUR MISSION

Our mission is to provide high precision mechanical components and manufacturing solutions that uphold the highest standards of quality, performance, efficiency, and innovation. We are committed to contributing to our clients' success through advanced technology, expert craftsmanship, reliable solutions, and continuous improvement in every aspect of our operations.

OUR VISION

Our vision is to become a globally recognized leader in mechanical manufacturing, renowned for precision, innovation, quality, and trust. We aspire to set new benchmarks in engineering excellence and performance through advanced solutions, while driving industrial growth and creating lasting value for our partners worldwide.

OUR CORE VALUES

We are committed to delivering precise, reliable, and high-quality products and services. Through innovation and continuous improvement, we provide tailored solutions that meet our clients' needs. We believe in building strong relationships through teamwork, trust, and collaboration.

SEAL TYPE 11 / 12 / 13 - RUBBER BELLOW

FEATURES

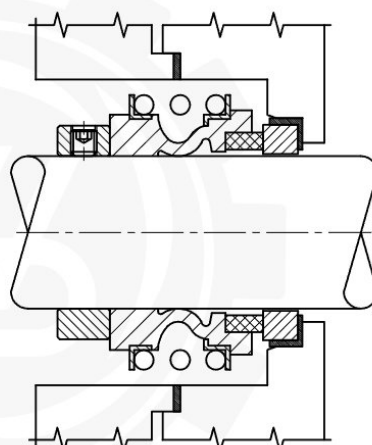
Unbalance Pusher Inside Mounted Rubber Bellow Seal. Independent Direction of Rotation.

MATERIALS

Seal Ring Faces : Carbon, SiC and TC
 Seat Faces : NiR, Ceramic, SiC and TC
 Elastomer : Viton, Neoprene, EPDM, NBR and Buna-N
 MOC : SS 304 / SS 316

OPERATING CAPABILITIES

Shaft Dia : 10mm to 100mm
 Pressure : Up to 8 bar
 Temperature : -20°C to 180°C
 Speed : 3600 r.p.m.



SEAL TYPE 21 - RUBBER BELLOW

FEATURES

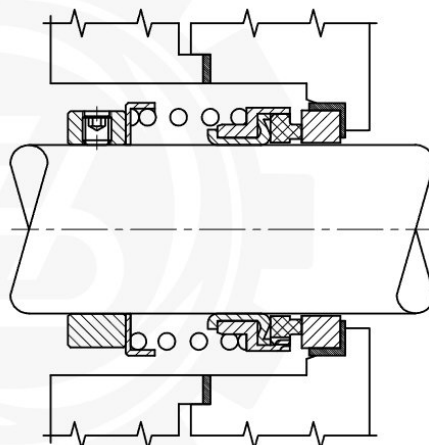
Unbalance Pusher Inside Mounted Rubber Bellow Seal. Independent Direction of Rotation.

MATERIALS

Seal Ring Faces : Carbon, SiC and TC
 Seat Faces : NiR, Ceramic, SiC and TC
 Elastomer : Viton, Neoprene, EPDM, NBR and Buna-N
 MOC : SS 304 / SS 316

OPERATING CAPABILITIES

Shaft Dia : 10mm to 100mm
 Pressure : Up to 8 bar
 Temperature : -20°C to 180°C
 Speed : 3600 r.p.m.



SEAL TYPE 31 - CONICAL SPRING

FEATURES

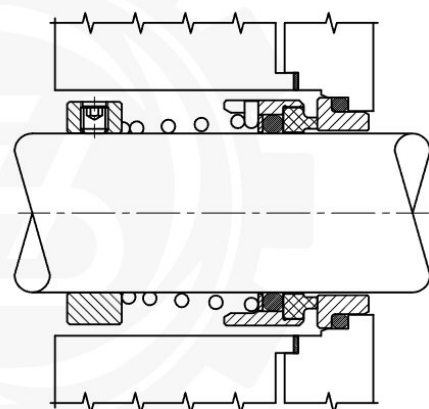
Unbalance pusher inside mounted conical coil Spring mechanical seal. Secondary seal as O' ring. Independent direction of rotation with Central tapered spring

MATERIALS

Seal Ring Faces : Carbon, SiC and TC
 Seat Faces : NiR, Ceramic, SiC and TC
 Elastomer : Viton, Neoprene, EPDM, NBR and Buna-N
 MOC : SS 304 / SS 316

OPERATING CAPABILITIES

Shaft Dia : 10mm to 100mm
 Pressure : Up to 7 bar
 Temperature : -20°C to 140°C
 Speed : 3600 r.p.m.



SEAL TYPE 41 & 42 - SINGLE COIL SPRING

FEATURES

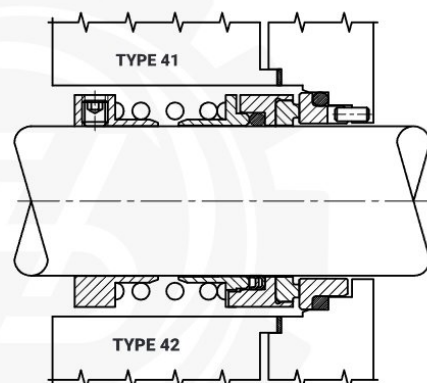
Unbalance pusher Seal. Inside mounted Helical Single coil Spring mechanical seal. Secondary seal as O' ring (Type 41) and 'V' packing as (Type 42). Independent direction of rotation .

MATERIALS

Seal Ring Faces : Carbon, SiC and TC
 Seat Faces : NiR, Ceramic, SiC and TC
 Elastomer : Viton, PTFE, GFT, TTV,
 EPDM, NBR and Buna-N
 MOC : SS 316

OPERATING CAPABILITIES

Shaft Dia : 10mm to 100mm
 Pressure : Up to 10 bar
 Temperature : -20°C to 150°C
 Speed : 3600 r.p.m.



SEAL TYPE 43 & 44 - SINGLE COIL SPRING

FEATURES

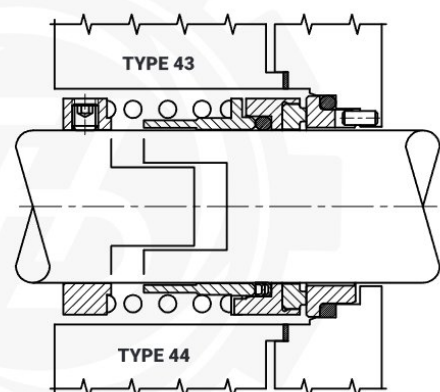
Unbalance pusher Seal. Inside mounted Helical Single coil Spring mechanical seal. Secondary seal as O' ring (Type 43) and 'V' packing as (Type 44). Independent direction of rotation through sturdy lugs.

MATERIALS

Seal Ring Faces : Carbon, SiC and TC
 Seat Faces : Ceramic, SiC and TC
 Elastomer : Viton, PTFE, GFT, TTV,
 EPDM, NBR and Buna-N
 MOC : SS 316

OPERATING CAPABILITIES

Shaft Dia : 10mm to 100mm
 Pressure : Up to 10 bar
 Temperature : -20°C to 150°C
 Speed : 3600 r.p.m.



SEAL TYPE 51U & 52U - MULTI SPRING

FEATURES

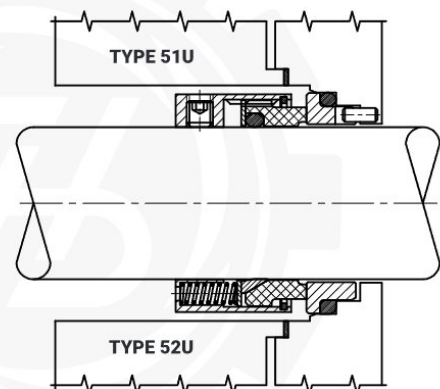
Unbalance pusher Seal. Inside mounted Multi Spring type mechanical seal. Secondary seal as O' ring (Type 51U) and PTFE Wedge as (Type 52U). Dual directional design.

MATERIALS

Seal Ring Faces : Carbon, SiC and TC
 Seat Faces : Ceramic, SiC and TC
 Elastomer : Viton, PTFE, GFT, EPDM,
 NBR, Buna-N and FFKM
 MOC : SS 316, Hast-C and Alloy-20

OPERATING CAPABILITIES

Shaft Dia : 10mm to 100mm
 Pressure : Up to 10 bar
 Temperature : -20°C to 260°C
 Speed : 3600 r.p.m.



SEAL TYPE 51B & 52B - MULTI SPRING

FEATURES

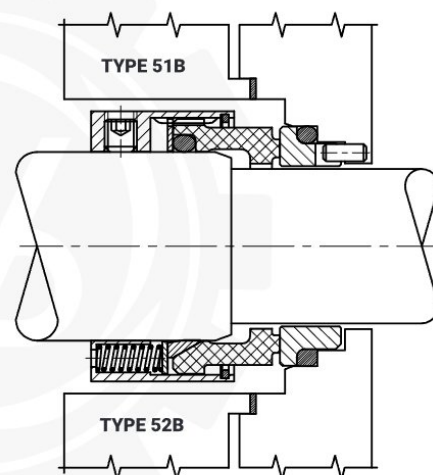
Balance pusher Seal. Inside mounted Multi Spring type mechanical seal. Secondary seal as O' ring (Type 51B) and PTFE Wedge as (Type 52B). Dual directional design.

MATERIALS

Seal Ring Faces : Carbon, SiC and TC
 Seat Faces : Ceramic, SiC and TC
 Elastomer : Viton, PTFE, GFT, EPDM, NBR, Buna-N and FFKM
 MOC : SS 316, Hast-C & Alloy-20

OPERATING CAPABILITIES

Shaft Dia : 10mm to 100mm
 Pressure : Up to 20 bar
 Temperature : -20°C to 260°C
 Speed : 3600 r.p.m.



SEAL TYPE 61U & 62U - SINGLE SPRING

FEATURES

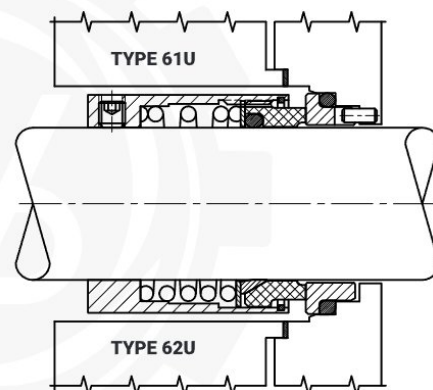
Unbalance pusher Seal. Inside mounted helical single coil Spring mechanical seal. Secondary seal as O' ring (Type 61U) and PTFE Wedge as (Type 62U). Independent direction of rotation.

MATERIALS

Seal Ring Faces : Carbon, GFT, SiC and TC
 Seat Faces : Ceramic, SiC and TC
 Elastomer : Viton, PTFE, EPDM, NBR, Buna-N
 MOC : SS 316

OPERATING CAPABILITIES

Shaft Dia : 10mm to 100mm
 Pressure : Up to 8 bar
 Temperature : -20°C to 200°C
 Speed : 3600 r.p.m.



SEAL TYPE 71 - PTFE BELLOW

FEATURES

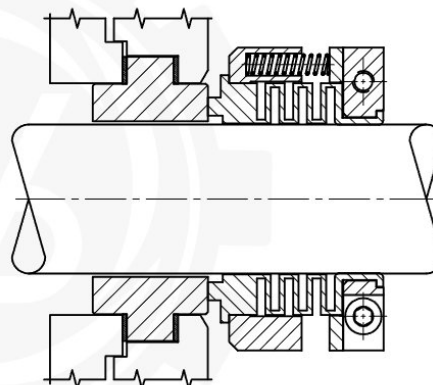
Outside mounted seal. Hydraulically balanced PTFE bellow mechanical seal. Independent direction of rotation. Dual directional multi spring design.

MATERIALS

Seal Ring Faces : GFT, CFT and SiFT
 Seat Faces : Ceramic and SiC
 Elastomer : PTFE and GFT
 MOC : SS 316, Hast-C and Alloy 20
 Bellow MOC : PTFE + GFT Composite

OPERATING CAPABILITIES

Shaft Dia : 16mm to 80mm
 Pressure : Up to 5 bar
 Temperature : -30°C to 110°C
 Speed : 3600 r.p.m.



SEAL TYPE 72 - PTFE BELLOW WITH REPLACEABLE FACE

FEATURES

Outside mounted seal with replaceable face.
Hydraulically balanced PTFE bellow
mechanical seal. Independent direction of
rotation. Dual directional multi spring design.

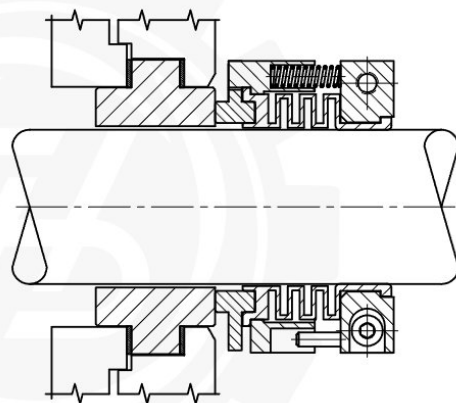
MATERIALS

Seal Ring Faces : GFT, Carban and SiC
Seat Faces : Ceramic and SiC
Elastomer : PTFE and GFT
MOC : SS 316, Hast-C and
Alloy 20

Bellow MOC : PTFE + GFT Composite

OPERATING CAPABILITIES

Shaft Dia : 10mm to 100mm
Pressure : Up to 20 bar
Temperature : -20°C to 260°C
Speed : 3600 r.p.m.



SEAL TYPE 73 - REVERSE BALANCE MULTI SPRING

FEATURES

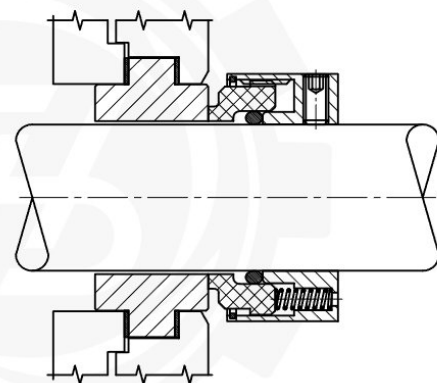
Outside mounted seal. Reverse balance
design. All metallic parts isolated from
pumping media. Independent direction of
rotation. Dual directional multi spring design.

MATERIALS

Seal Ring Faces : Carbon and TC
Seat Faces : Ceramic and SiC
Elastomer : Viton, EPDM, TTV FEP
and FFKM
MOC : SS 316, Hast-C and
Alloy 20

OPERATING CAPABILITIES

Shaft Dia : 16mm to 70mm
Pressure : Up to 8 bar
Temperature : Up to 120°C
Speed : 3600 r.p.m.



SEAL TYPE 74 - REVERSE BALANCE MULTI SPRING

FEATURES

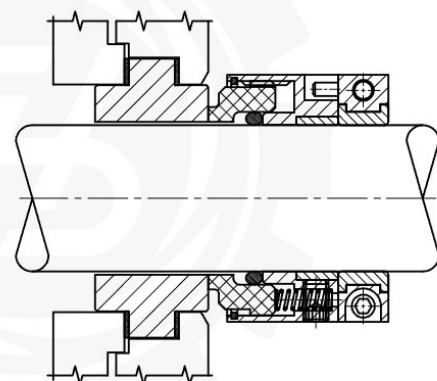
Outside mounted seal. Reverse balance design.
All metallic parts isolated from pumping media.
Especially design clamping eliminates slipping
on shaft. Independent direction of rotation.
Dual directional multi spring design.

MATERIALS

Seal Ring Faces : Carbon and SiC
Seat Faces : Ceramic and SiC
Elastomer : Viton, EPDM, TTV FEP
and FFKM
MOC : SS 316, Hast-C and
Alloy 20

OPERATING CAPABILITIES

Shaft Dia : 16mm to 80mm
Pressure : Up to 8 bar
Temperature : Up to 120°C
Speed : 3600 r.p.m.



SEAL TYPE 81 - METAL BELLOW (O-RING TYPE)

FEATURES

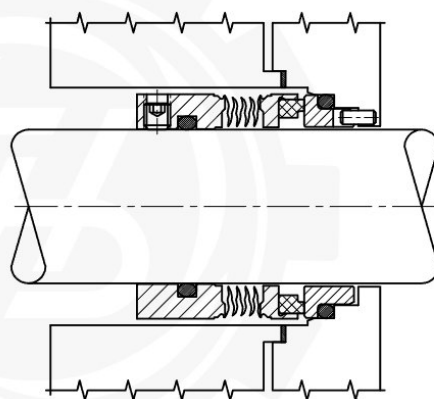
Single acting. Dual Directional design. Inside mounted seal. Inherently balanced metal bellow mechanical seal. Independent directional of rotation.

MATERIALS

Seal Ring Faces : Carbon, SiC and TC
 Seat Faces : TC and SiC
 Elastomer : Viton, PTFE, FEP, EPDM and FFKM
 End fitting MOC: SS 316, Hast - C and Carpenter 42
 Bellow MOC : HAST - C, Am350, Inconel

OPERATING CAPABILITIES

Shaft Dia : 25mm to 100mm
 Pressure : Up to 25 bar
 Temperature : -30°C to 260°C
 Speed : 3600 r.p.m.



SEAL TYPE 82 - METAL BELLOW

FEATURES

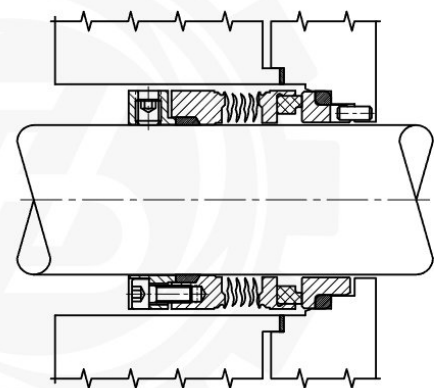
Single acting. Dual Directional design. Inside mounted seal. Inherently balanced metal bellow mechanical seal. Independent directional of rotation.

MATERIALS

Seal Ring Faces : Carbon, SiC and TC
 Seat Faces : TC and SiC
 Elastomer : Flexible Graphite
 End fitting MOC: SS 316, Hast - C and Carpenter 42
 MOC : Hast - C, Am350, Inconel

OPERATING CAPABILITIES

Shaft Dia : 25mm to 70mm
 Pressure : Up to 25 bar
 Temperature : -70°C to 350°C
 Speed : 3600 r.p.m.



SEAL TYPE 55 B/C - BALANCE CARTRIDGE

FEATURES

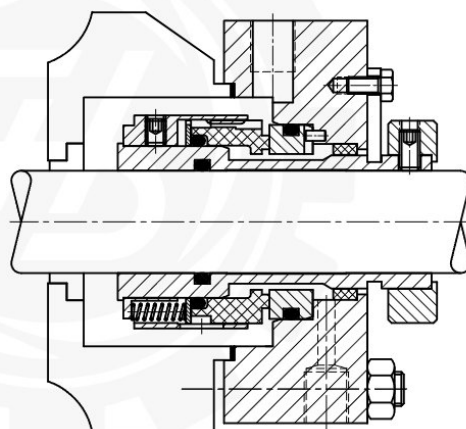
Single Cartridge balanced mechanical seal. Dual directional design. Inside mounted seal. Unitized, easy-to-fit design.

MATERIALS

Seal Ring Faces : Carbon, TC and SiC
 Seat Faces : SiC and TC
 Elastomer : Viton, PTFE, and FFKM
 MOC : SS 316, Hast-C and Alloy - 20

OPERATING CAPABILITIES

Shaft Dia : 10mm to 100mm
 Pressure : Up to 35 bar
 Temperature : -30°C to 260 °C
 Speed : 3600 r.p.m.



SEAL TYPE 82C/82D - METAL BELLOW CARTRIDGE

FEATURES

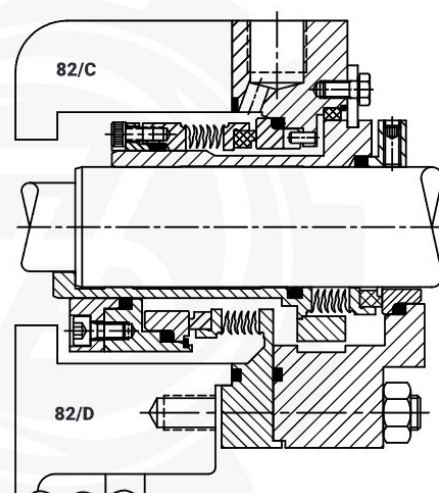
Single Cartridge mechanical seal. Dual directional design. Inside mounted seal. Inherently balanced metal bellow mechanical seal. Unitized, easy-to-fit design.

MATERIALS

Seal Ring Faces : Carban SiC and TC
 Seat Faces : TC and SiC
 Elastomer : Flexible Graphite
 End fitting MOC: SS 316, Hast - C and
 Carpenter 42
 Bellow MOC : HAST - C, Am350, Inconel

OPERATING CAPABILITIES

Shaft Dia : 25mm to 100mm
 Pressure : Up to 25 bar
 Temperature : -70°C to 350°C
 Speed : 3600 r.p.m.



SEAL TYPE SH1600/D - DOUBLE CARTRIDGE

FEATURES

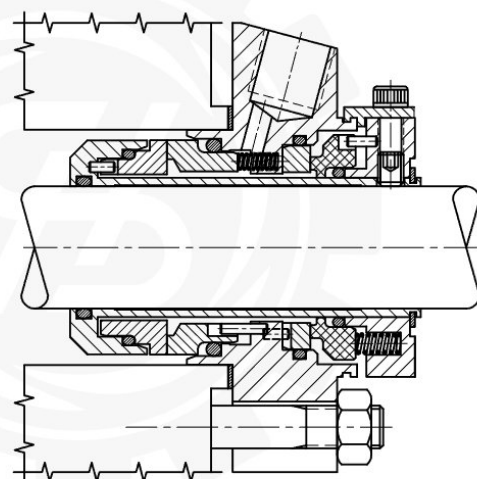
Double Cartridge Balanced mechanical seal. Dual directional design. Inside mounted seal. Unitized, easy - to - fit design.

MATERIALS

Seal Ring Faces : Carbon, SiC and TC
 Seat Faces : TC and SiC
 Elastomer : Viton, PTFE, and FFKM
 MOC : SS 316, - Change Of MOC
 On Request

OPERATING CAPABILITIES

Shaft Dia : 20mm to 70mm
 Pressure : Up to 15 bar
 Temperature : -30°C to 260°C
 Speed : 3600 r.p.m.



SEAL TYPE SH1800/S - SINGLE CARTRIDGE

FEATURES

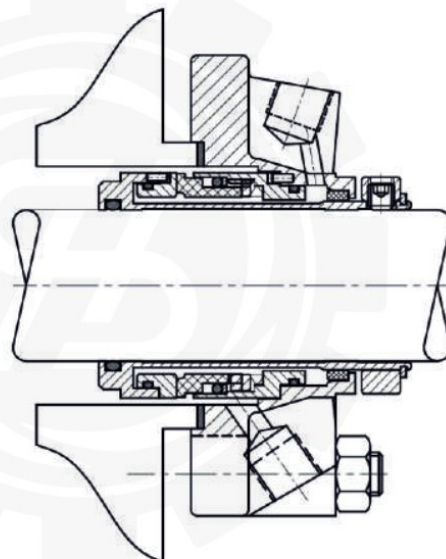
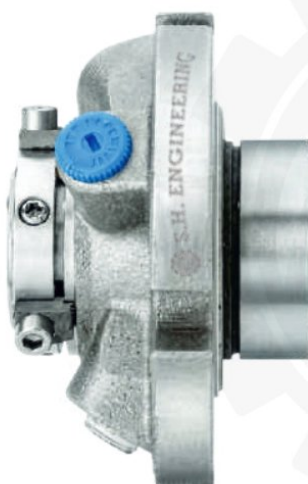
Single Cartridge balanced mechanical seal. Dual directional design. Non Clogging wave spring design. Inside mounted seal. Unitized, easy-to-fit design.

MATERIALS

Seal Ring Faces : TC and SiC
 Seat Faces : SiC and TC
 Elastomer : Viton, PTFE, FEP
 and FFKM
 MOC : SS 316 - Change Of
 MOC On Request

OPERATING CAPABILITIES

Shaft Dia : 25mm to 100mm
 Pressure : Up to 18 bar
 Temperature : -30°C to 260°C
 Speed : 3600 r.p.m.



SEAL TYPE SH1100/D - DOUBLE SEMI CARTRIDGE

FEATURES

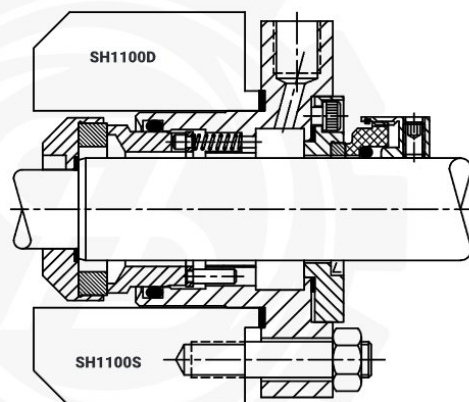
Double Semi - Cartridge mechanical seal.
Dual directional design. Slurry seal up to 20%.
Inside mounted seal. Balanced Seal.

MATERIALS

Seal Ring Faces: SiC, Carban and TC
Seat Faces : SiC and TC
Elastomer : Viton, TTV, FEP and FFKM
MOC : SS 316- Change of MOC
On Request

OPERATING CAPABILITIES

Shaft Dia : 20mm to 80mm
Pressure : Full Vacuum to 8 bar
Temperature : -30°C to 260°C
Speed : 3600 r.p.m.



SEAL TYPE SH1200/D - DOUBLE SEMI CARTRIDGE WITH BACK PLATE

FEATURES

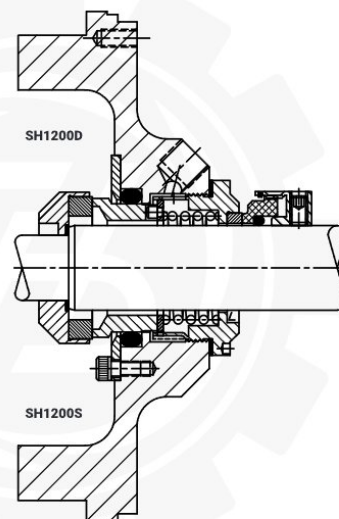
Double Semi - Cartridge mechanical seal.
Slurry seal up to 60% due to it's specially design of stuffing box. Inside mounted seal.
Balanced Seal.

MATERIALS

Seal Ring Faces: SiC, Carbon and TC
Seat Faces : SiC and TC
Elastomer : Viton, TTV, FEP and FFKM
MOC : SS 316 - Change Of MOC
On Request

OPERATING CAPABILITIES

Shaft Dia : 20mm to 80mm
Pressure : Full Vacuum to 8 bar
Temperature : -30°C to 260°C
Speed : 3600 r.p.m.



SEAL TYPE SH1300/D - DOUBLE SEAL FOR NON-METALLIC PUMP

FEATURES

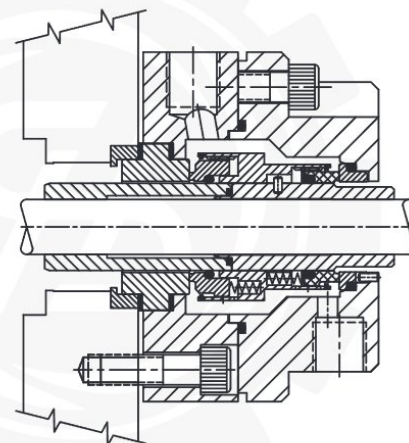
Double Reverse Balance Semi Cartridge
Inside Mounted, Mechanical Seal For Non Metallic Pump (PP, PVDF), Suitable for API Plan 53, 54

MATERIALS

Seal Ring Faces: Carbon, SiC
Seat Faces : SiC and Ceramic
Elastomer : FFKM, FKM, PTFE, GFT
MOC : SS 316, Alloy-20, Hast-C
and Other MOC as per Required

OPERATING CAPABILITIES

Shaft Dia : 10mm to 100mm
Pressure : Full Vacuum to 8 bar
Temperature : -30° to 120°C
Speed : 3600 r.p.m.



SEAL TYPE SH1300/51U/P IMS - SLURRY SEAL FOR NON-METALLIC PUMP

FEATURES

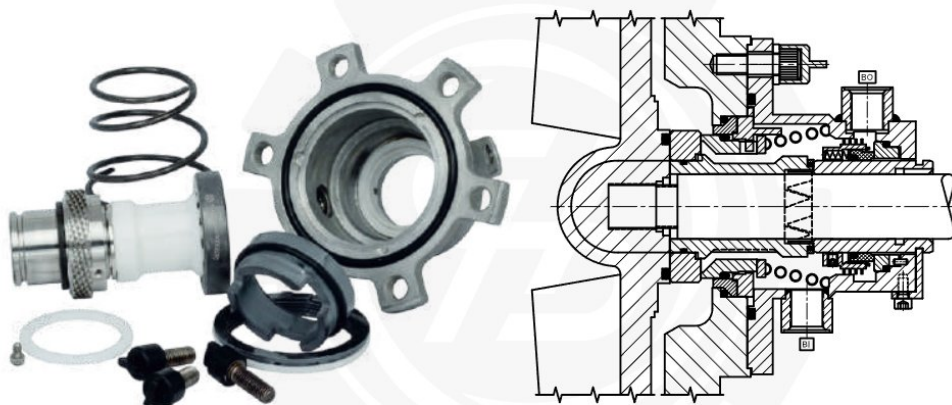
Double Cartridge mechanical seal. Abrasive Slurry seal up to 30% due to it's specially design of back plate and shaft. Additional pumping ring helps to provide better lubrication to seal faces. Inside mounted seal Balanced seal.

MATERIALS

Seal Ring Faces : SiC and Carban
 Seat Faces : SiC
 Elastomer : Viton, FEP and FFKM
 MOC : SS 316, PVDF - Change of MOC On Request

OPERATING CAPABILITIES

Shaft Dia : 20mm to 80mm
 Pressure : Up to 8 bar
 Temperature : up to 120°C
 Speed : 3600 r.p.m.



TYPE SHAD 501 & SHAD 501/B - DRY RUNNING SEAL

FEATURES

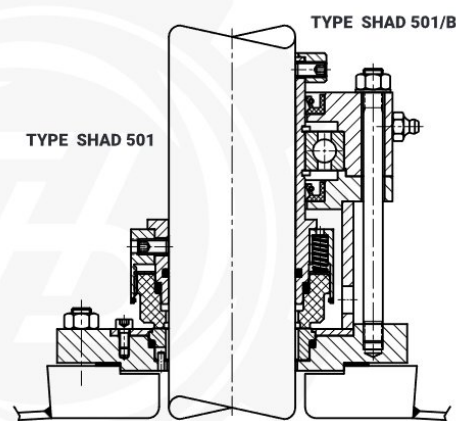
Dry running balanced mechanical seal. This Seals are excellent with low RPM operation in Vacuum pressure conditions. Design without bearing (Type - SHAD 501) OR with Integral bearing (Type - SHAD 501/B). Design for Top, Bottom and Side entry.

MATERIALS

Seal Ring Faces : Carbon and SiC
 Seat Faces : SiC and TC
 Elastomer : Viton, TTV, FEP and FFKM
 MOC : SS 316 - Change Of MOC On Request

OPERATING CAPABILITIES

Shaft Dia : 20mm to 150mm
 Pressure : Full Vacuum to 8 bar
 Temperature : -30°C to 150°C
 Speed : 3000 r.p.m.



TYPE SHAD 511 & SHAD 511/B - DRY RUNNING SEAL FOR HIGH SPEED

FEATURES

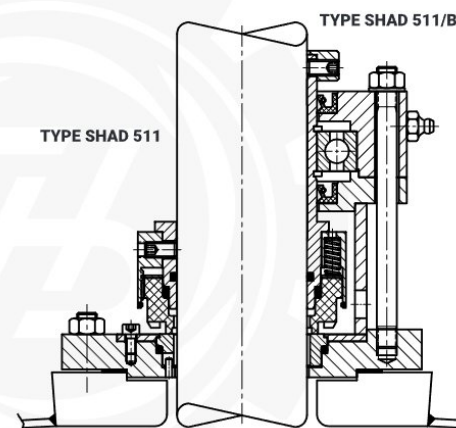
High speed Dry running balanced mechanical seal. This seal are excellent with High RPM operation in Vacuum and pressure conditions. Design without bearing (Type - SHAD 511) or with Integral bearing (Type - SHAD 511/B). Design for Top, Bottom and Side entry.

MATERIALS

Seal Ring Faces : Spl, Carbon
 Seat Faces : SiC
 Elastomer : Viton, TTV, FEP and FFKM
 MOC : SS 316 - ChANGE OF MOC ON REQUEST

OPERATING CAPABILITIES

Shaft Dia : 25mm to 150mm
 Pressure : Full Vacuum to 8 bar
 Temperature : -30°C to 140°C
 Speed : 900 r.p.m.



TYPE SHA 521/D & SHA 521/D/B - DOUBLE SEAL FOR SS REACTOR

FEATURES

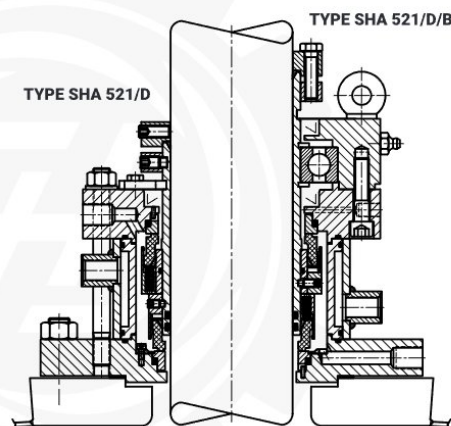
Double balanced mechanical seal. this seals are excellent with low RPM operation in Vacuum and pressure conditions Design without bearing (Type - SHA 521/D) OR with Integral bearing (Type - SHA 521/D/B). Design for Top, Bottom and Side entry .

MATERIALS

Seal Ring Faces : Carbon and SiC
 Seat Faces : SiC and TC
 Elastomer : Viton, TTV, FEP and FFKM
 MOC : SS 316 - CHANGE OF MOC ON REQUEST

OPERATING CAPABILITIES

Shaft Dia : 25mm to 200mm
 Pressure : Full Vacuum to 30 bar
 Temperature : -30°C to 260°C
 Speed : 300 r.p.m.



TYPE SHA 531/D/B - DOUBLE SEAL FOR HYDROGENATOR

FEATURES

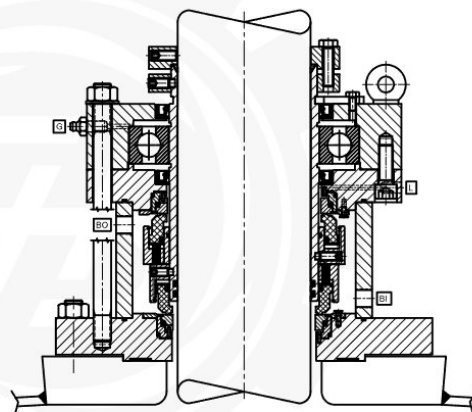
High Pressure Double balanced mechanical seal for Hydrogenator. This Seal is excellent with low RPM operation in Vacuum and High pressure conditions. Design with Integral bearing. Design for top entry.

MATERIALS

Seal Ring Faces : Carbon and SiC
 Seat Faces : SiC and TC
 Elastomer : Viton, TTV, FEP, FFKM
 MOC : SS 316 - CHANGE OF MOC ON REQUEST

OPERATING CAPABILITIES

Shaft Dia : 25mm to 200mm
 Pressure : Full Vacuum to 50 bar
 Temperature : -30°C to 260°C
 Speed : 400 r.p.m.



TYPE SH 541/D & 541/D/B - DOUBLE SEAL FOR MILL

FEATURES

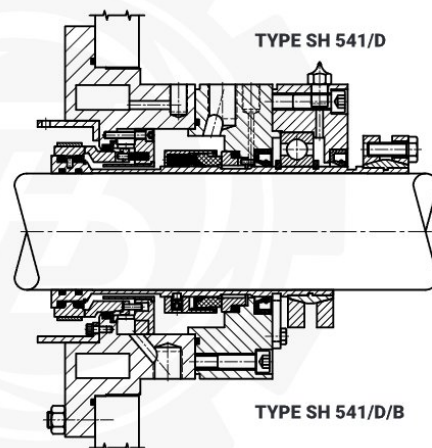
Double balanced mechanical seal for mill & mixtures. Seal are excellent with high RPM operation in Vacuum and pressure conditions. Design without bearing (Type SH 541/D) OR with Integral bearing (Type SH 541/D/B). Design for Side entry.

MATERIALS

Seal Ring Faces : Carbon and SiC
 Seat Faces : SiC and TC
 Elastomer : Viton, TTV and FEP
 MOC : SS 316 - CHANGE OF MOC ON REQUEST

OPERATING CAPABILITIES

Shaft Dia : 50mm to 85mm
 Pressure : Full Vacuum to 10 bar
 Temperature : -30°C to 200°C
 Speed : 1500 r.p.m



TYPE SHA 551/D & SHA 551/D/B - DOUBLE SEAL FOR BOTTOM ENTRY

FEATURES

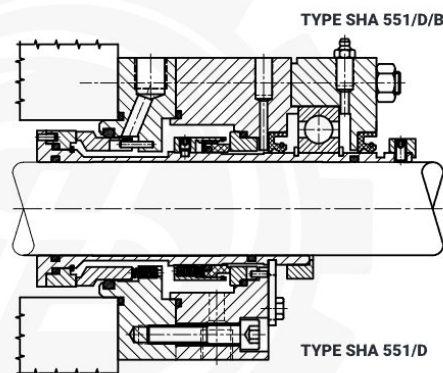
Double balanced mechanical seal seals are excellent with Low RPM operation in Vacuum and pressure conditions. Design without bearing (Type SHA 551/D) OR with Integral bearing (Type SHA 551/D/B).. Design for Side and Bottom entry.

MATERIALS

Seal Ring Faces : Carbon, SiC and TC
 Seat Faces : SiC and TC
 Elastomer : Viton, TTV, FEP and FFKM
 MOC : SS 316 - CHANGE OF MOC ON REQUEST

OPERATING CAPABILITIES

Shaft Dia : 20mm to 150mm
 Pressure : Full Vacuum to 10 bar
 Temperature : -30°C to 260°C
 Speed : 300 r.p.m.



TYPE SHA 561 & SHA 561/B - DRY RUNNING SEAL FOR GLASS LINED

FEATURES

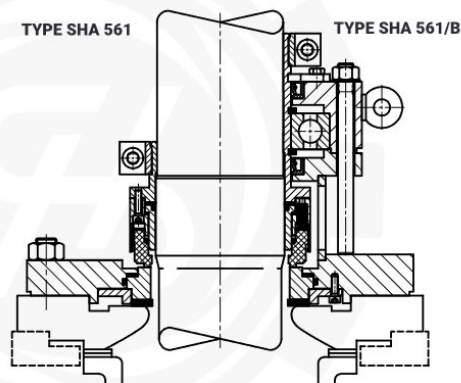
Dry running balanced mechanical seal for glass lined reactor. This Seals are excellent with low RPM operation in Vacuum and pressure conditions. Design without bearing (Type SHA 561) OR With Integral bearing (Type SHA 561/B) Design for top entry.

MATERIALS

Seal Ring Faces : Carbon and SiC
 Seat Faces : SiC Ceramic
 Elastomer : Viton, TTV FEP
 MOC : and FFKM
 SS 316 - CHANGE OF MOC ON REQUEST

OPERATING CAPABILITIES

Shaft Dia : 25mm to 150mm
 Pressure : Full Vacuum to 8 bar
 Temperature : -30°C to 150°C
 Speed : 250 r.p.m.



TYPE SHA 571/D & 571/D/B - DOUBLE SEAL FOR GLASS LINED REACTOR

FEATURES

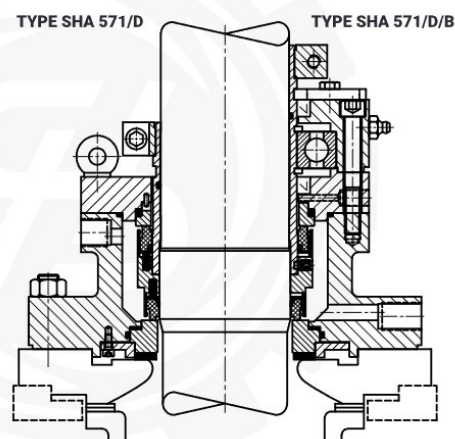
Double balanced mechanical seal for Glass lined reactor. This seals are excellent with low RPM operation in Vacuum and pressure conditions. Design without bearing (Type SHA 571/D) OR with Integral bearing (Type SHA 571/D/B). Design for Top entry.

MATERIALS

Seal Ring Faces : Carbon and SiC
 Seat Faces : Ceramic and SiC
 Elastomer : Viton, TTV FEP and FFKM
 MOC : SS 316 - CHANGE OF MOC ON REQUEST

OPERATING CAPABILITIES

Shaft Dia : 25mm to 150mm
 Pressure : Full Vacuum to 14 bar
 Temperature : -30°C to 260°C
 Speed : 250 r.p.m.



SHA 581 /D/B - DOUBLE MECHANICAL SEAL FOR ANFD

FEATURES

Double balanced mechanical seal for ANFD (Agitated Nutsche Filter Dryers). This Seal is excellent with low RPM operation in vacuum and pressure conditions. The Bellow assembly is for long fatigue life. Design with solid antifriction linear Integral bearing (Type SHA 581/D/B). Design for top entry.

OPERATING CAPABILITIES

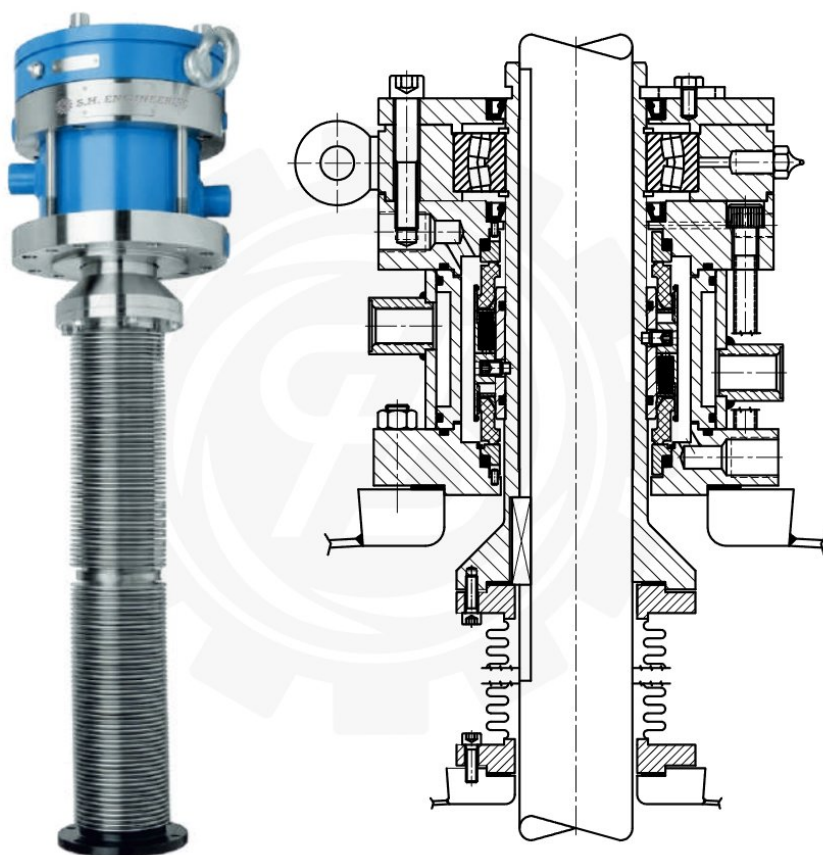
Shaft Dia : 20mm to 200mm
 Pressure : Up to 5 bar
 Temperature : -30°C to 260°C
 Speed : 100 r.p.m.

MATERIALS

Seal Ring Faces : Carban and SiC
 Seat Faces : SiC and TC
 Elastomer : Viton, PTFE, EPDM, NBR, FFKM
 MOC : SS 316, duplex, super duplex, Hastelloy C, Monal

APPLICATION

Agitated Nutsche filters and dryers
 rotary Vacuum paddle dryers
 horizontal reactors with expanding shaft



SEAL TYPE 44UC - SINGLE SPRING

FEATURES

Single spring balanced mechanical seal this seal is excellent high pressure conditions. large cross section Elastomer U- cup dynamic gasket.

OPERATING CAPABILITIES

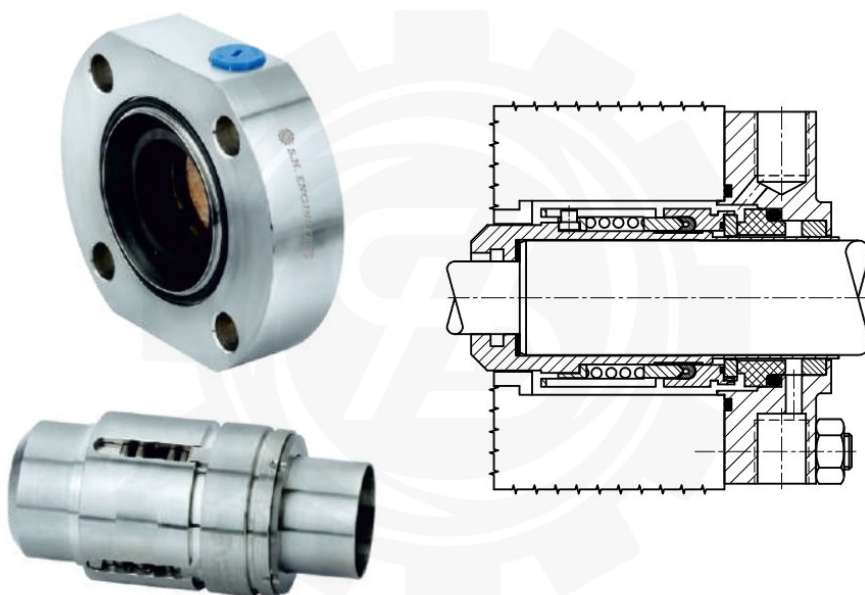
Shaft Dia : 16mm to 80mm
 Pressure : Up to 8 bar
 Temperature : Up to 120°C
 Speed : 3600 r.p.m.

MATERIALS

Seal Ring Faces : Carbon and SiC
 Seat Faces : Ceramic and SiC
 Elastomer : Viton, EPDM, TTV FEP
 MOC : SS 316, Duplex, Super Duplex, Hastelloy C, Monal

APPLICATION

Ideal for boiler feed water and hot water services.



TYPE SH 500 / D - FACE TO FACE SEAL

FEATURES

Face to Face double balanced mechanical seal. this seal is excellent high pressure and high speed conditions..

OPERATING CAPABILITIES

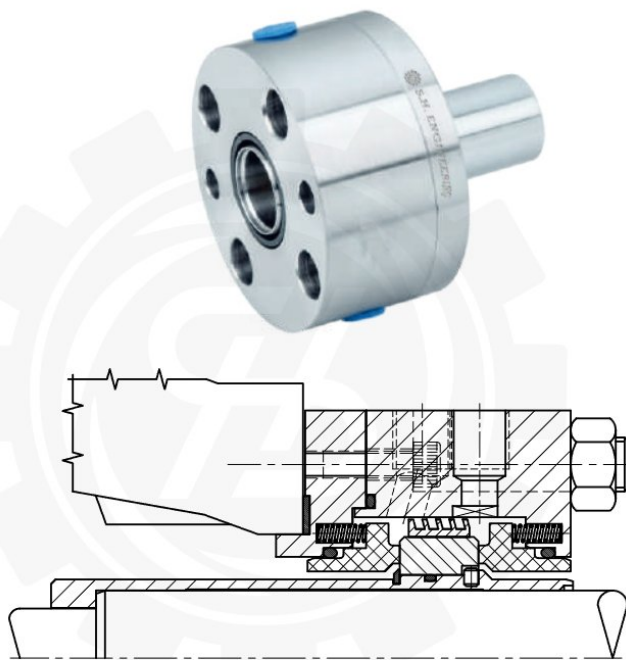
Shaft Dia : 20mm to 100mm
 Pressure : Up to 60 bar
 Temperature : -30°C to 260°C
 Speed : 3600 r.p.m.

MATERIALS

Seal Ring Faces: Sp. Carbon ,SiC
 Seat Faces : SiC and TC
 Elastomer : Viton, EPDM, NBR, FFKM
 MOC : SS 316, Duplex, Super Duplex, Hastelloy C, Monal

APPLICATION

Ideal for boiler feed water and heavy duty process pumps.



TYPE SHE - BEARING ISOLATOR

FEATURES

Bearing Isolator is Advanced Sealing Solution, That is used to Protect Bearings Againsts Moisture, Grit and Dust, which Extending Bearing Life, No more Shaft Wearing as Compare to Conventional Oil Seal. Bearing Isolator Used in Rotating Equipment, such as Electric Motors, Gearboxes, Pumps and Turbines. In Simple Terms a Bearing Isolator Consists of a Stationary Component (Stator) and a Rotary Component (Rotor), The assembly of these components Creates a Narrow Labyrinth Path through the Seal, This Design Prevents Ingress of Contaminants in to a Bearing Arrangement.

FEATURES

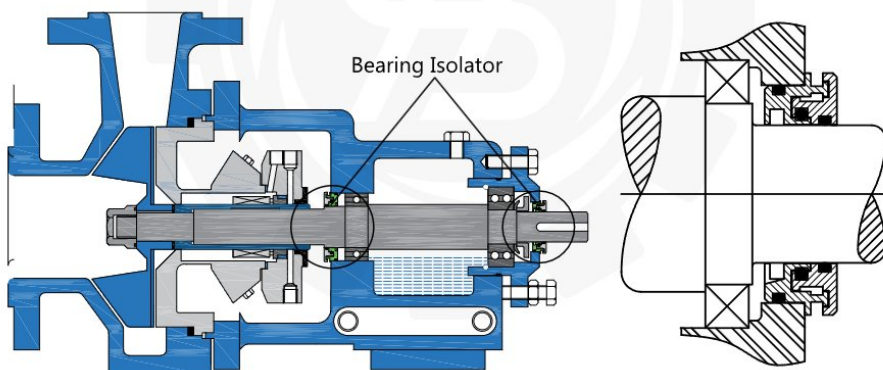
Materials MOC : Standard Material : Bronze on Request it can be Manufacturing in other Material such a Stainless Steel, Aluminium, PTFE
 Range : 15mm to 500mm
 Temperature : -30 to 200
 Pressure : 0 Bar

APPLICATION

- Pumps
- Electric Motors
- Gear Box
- Turbines
- Blowers

TYPES OF BEARING ISOLATOR

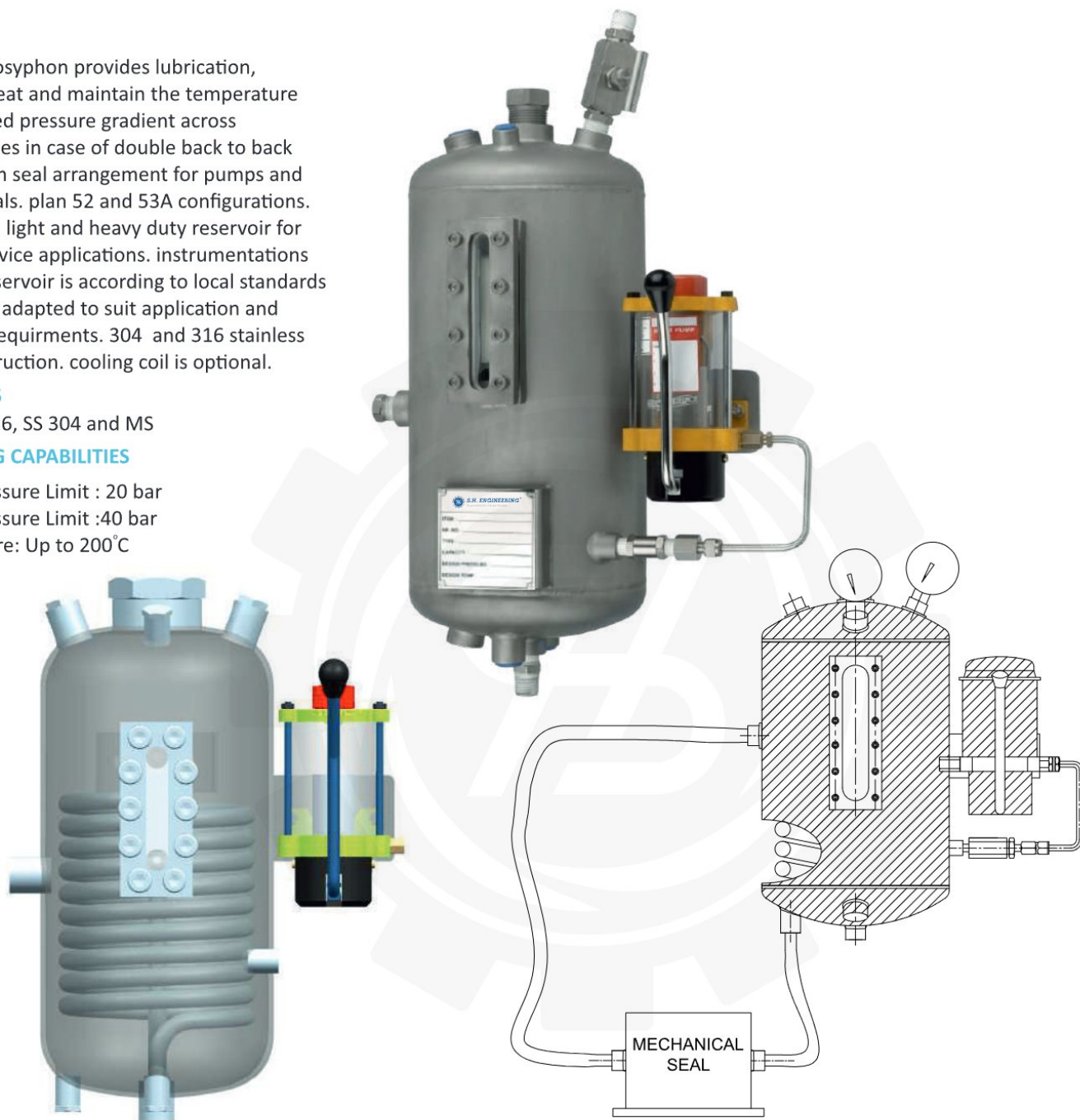
- Standard
- Magnetic
- Split Type
- Flange Type
- Surface Mount



The thermosyphon provides lubrication, dissipate heat and maintain the temperature and required pressure gradient across the seal faces in case of double back to back and tandem seal arrangement for pumps and agitator seals. plan 52 and 53A configurations. Economical light and heavy duty reservoir for general service applications. instrumentations on each reservoir is according to local standards and can be adapted to suit application and customer requirements. 304 and 316 stainless steel construction. cooling coil is optional.

MOC: SS 316, SS 304 and MS

TS 900 Pressure Limit : 20 bar
TS 950 Pressure Limit : 40 bar
Temperature: Up to 200°C



High-quality pump spare parts designed for reliable performance, durability, and smooth operation across various industrial applications.



ROTARY JOINT WATER APPLICATION

Face Materials : Carbon, Silicon Carbide, Tungsten Carbide, Stellite

Metal Parts : SS 316, SS 304, Brass

Seal Elastomer : Viton, Silicon, TTV, PTFE.

Operating Limits : SIZE: 3/8" To 6.0"
Pressure: 15 Bar
temperature: 150° C
Speed: 3500 RPM



ROTARY JOINT FOR AIR APPLICATION

Face Materials : Carbon, Silicon Carbide, Tungsten Carbide, Stellite,

Metal Parts : Aluminium

Seal Elastomer : Viton, PTFE.

Operating Limits : SIZE: 3/8" To 6.0"
Pressure: 10 Bar Air, 0.07 Bar to 7 Kpa Vacuum
Temperature: 150° C
Speed: 2800 RPM



HYDRAULIC ROTARY JOINT

Metal Parts : SS 316, SS 304, Brass, Gun Metal.

Seal Elastomer : Viton, PTFE.

Operating Limits : SIZE: 3/8" To 6.0"
Pressure: 400 Bar
temperature: 150° C
Speed: 1500 RPM



ROTARY JOINT FOR HOT OIL & THERMIC FLUID

Face Materials : Antimony Carbon.

Metal Parts : MS, SS 304

Seal Elastomer : Grafoil Gasket, Asbestos Gasket.

Operating Limits : SIZE: 0.5" to 6.0"
Pressure: 07 Bar
Temperature: 350° C
Speed: 750 RPM



ALL TYPES OF ROTARY JOINT



ALL TYPES OF RUBBER PRODUCT



**SILICON RUBBER
MOLDED SLEEVE**



**SILICON RUBBER
FLANGE TYPE BELLOW**



**SILICON RUBBER METAL
BONDING ROLL**



**SILICON
SPONGES, STRIPS**



**SILICON RUBBER
BELLOW ONE ARCH**



**SILICON
TRANSPARENT TUBES**



**SILICON CONICAL
TYPE BELLOW**



**PTFE
(TEFLON PRODUCTS)**



**SILICONE RUBBER
BELLOW**



**SILICONE RED FLANGE
TYPE CONICAL PLAIN BELLOW**



**SILICONE MOULDING
RUBBER BELLOW**



SILICON BELLOW



SILICON SHEET



**EPDM RUBBER
EXPANSION BELLOW**



**SILICONE TRANSPARENT
F.B.D. GASKET**



BUTTER FLY GASKETS

ALL TYPES OF RUBBER PRODUCT



PHF GASKETS & PLATES



**SILICONE DIAPHRAGMS
BUTTON TYPE**



SILICONE O-RING



**BUTTERFLY
GASKET**



**RUBBER
DIAPHRAGMS**



**SILICON RUBBER
MOLDED SLEEVE**



**SILICON TRANSPARENT
FLANGE TYPE BELLOW**



**EPDM RUBBER
EXPANSION BELLOW**



**RED SILICON RUBBER
EXPANSION FLANGE TYPE
CONICAL BELLOW**



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