



We believe in
Durability
Reliability
Excellency

**INDIA'S
MOST TRUSTED
MANUFACTURER OF THE QUALITY
MECHANICAL SEALS
& ROTARY JOINTS.**

- MECHANICAL SEALS
- ROTARY JOINTS
- CHEMICAL PUMPS

Our
Profile ▶

ABOUT US



Kreatik Seals is best combination of advance technology & High Skilled Professionals

We, Kreatik Seals are prominent manufacturers of high quality Mechanical Seals. Our product line includes Component Mechanical Seal, Bellow Mechanical Seal, and Cartridge Mechanical Seal, Agitators. We manufacture mechanical seals extending from simple water pump seal to highly sophisticated pressure balance and hydro dynamic balance seal. This product range include single, multiple and conical spring seal, rubber, Teflon and metal bellow seal, agitator seal, cartridge seal, compressor seal & dry seal etc. Owing to the qualitative fabrication, our range is widely known among the clients for its attributes such as dimensional accuracy, robustness, high tolerance capacity, leakage proofing, optimum performance, simple usability, rugged design, smooth finishing, high efficiency and longer shelf life, these products are made available in several technical specifications.

Apart from this, all our offered mechanical seals are quality assured against the industry set parameters to ensure their quality. We serve in various process industries including refineries, petrochemicals, food processing, beverage industries, paint industries & pharmaceuticals. Our products with high technology and excellent quality are in all over India with prompt services.

We manufacture as per our own design as well as equivalent to reputed international brand like john crance, sealol, duru metallic, eagle Bergman, flowseve, etc. as per sample or drawing. We also under take repairing and maintenance of any type of Mechanical Seal and pumps. Our products have got reputation of solving critical problem of mechanical seals and providing best quality goods at reasonable price with on time delivery.

We are running with flying colors in the race of success along with full support of technologies and resourceful workforce. We are always successful in satisfying the demands of client and at reliable cost.

We Believe

Aim to build a smart world through the best technology and ample experience.

Quality is the essential factors on which we concentrate most while follow quality checking process and strategies to maintain the same. With our innovative ideas and experienced and well-qualified employee we prove to be best in quality as well as in on-time delivery. Quality ensuring test are conducted which are based on various factors like...

- Specific Dimensions
- Final Assembly Testing
- Lapping Testing
- Compression
- Leak Testing
- Packaging



TYPE
KSTB101

TEFLON BELLOW MECHANICAL SEAL

OPERATING LIMITS

SHAFT DIA	15mm to 100mm
PRESSURE	6 bar
TEMPERATURE	-45C to 120C
SPEED	2900 RPM(max)

SEAL FACE MATERIAL

Carbon, Silicon Carbide, Ceramic (99.5%)

SECONDARY SEALING

PTFE, Ceramic, GFT, CFT

METAL COMPONENTS

SS 316, SS 304

APPLICATION

- Chemical Process Pump.
- Oil Refineries.
- Thermal Power Plants.
- Acid Pumps.
- Petroleum
- Paper Industries.
- Pulp Industries.
- Marine Industries.

FEATURES

- Single acting, Outside Mounted Seal,
- Independent of direction,
- Unbalance seal.

METAL BELLOW MECHANICAL SEAL

OPERATING LIMITS

SHAFT DIA	15mm to 100mm
PRESSURE	20 bar
TEMPERATURE	-20C to 400C
SPEED	3000 RPM(max)

SEAL FACE MATERIAL

Carbon-M, Lecrolloy, Silicon Carbide, Tungsten Carbide, Stellite.

SECONDARY SEALING

Garfoil, PTFE, GFT, CFT, Viton, EPDM, Aflas, Silicon.

METAL COMPONENTS

SS 316, SS 304, HAST-C, HAST-B

APPLICATION

- Dairy Industries.
- Beverages Industries.
- Dying Industries.
- Pigmenting Ind.
- Water Proofing Industries.
- Water Treatment Plants
- Marine Industries.
- Textile Industries.

FEATURES

Long life, Durability, Abrasive resistance, Slip free, Stick free, Simple installation, With standing a very high range of temperature and pressure, High abrasion resistance.

TYPE
KSMB102



TYPE
KSRB103



RUBBER BELLOW MECHANICAL SEAL

OPERATING LIMITS

SHAFT DIA	15mm to 100mm
PRESSURE	12 bar
TEMPERATURE	-20C to 180C
SPEED	3000 RPM(max)

SEAL FACE MATERIAL

Carbon-M, Carbon-R, Silicon Carbide, Tungsten Carbide.

SECONDARY SEALING

Viton, EPR, EPDM, NBR.

METAL COMPONENTS

SS 316, SS 304

APPLICATION

- Chemical Process Pump.
- Oil Refineries.
- Sewage Applications.
- Fuel Injection Pumps.
- Hot & Cold Water Pumps.
- Waste Water Pumps.

FEATURES

- Unbalance seal,
- Long service life,
- Unparalleled quality,
- Bendable.

TYPE
KSCS104



CONICAL SPRING MECHANICAL SEAL

OPERATING LIMITS

SHAFT DIA	15mm to 100mm
PRESSURE	10 bar
TEMPERATURE	-20C to 200C
SPEED	2900 RPM(max)

SEAL FACE MATERIAL

Carbon-M, Carbon-R, Silicon Carbide, Tungsten Carbide.

SECONDARY SEALING

Silicon, Viton, PTFE, Neoprene, EPDM

METAL COMPONENTS

SS 316, SS 304

APPLICATION

- Chemical Process Pump.
- Oil Refineries.
- Thermal Power Plants.
- Dairy.
- Pharmaceuticals
- Marine Industries.

FEATURES

- Maintenance Free,
- Optimum Thickness,
- Inside Mounted,
- Unbalanced.

SINGLE SPRING MECHANICAL SEAL

OPERATING LIMITS

SHAFT DIA	15mm to 100mm
PRESSURE	10 bar
TEMPERATURE	-20C to 200C
SPEED	2900 RPM(max)

SEAL FACE MATERIAL

Carbon-M, Carbon-R, Silicon Carbide, Tungsten Carbide.

SECONDARY SEALING

Viton, EPR, EPDM, NBR.

METAL COMPONENTS

SS 316, SS 304,

TYPE
KSSS105



APPLICATION

- Chemical Process Pump.
- Oil Refineries.
- Thermal Power Plants.
- Nuclear Plant.
- Petroleum & Paper Industries.
- Pulp Industries.
- Marine Industries.

FEATURES

- Unbalance seal, inside mounted,
- Maintenance free,
- Optimum thickness,
- Long life service.

TYPE
KSDT106



Dura Type MECHANICAL SEAL

OPERATING LIMITS

SHAFT DIA	15mm to 100mm
PRESSURE	10 bar
TEMPERATURE	-20C to 200C
SPEED	3000 RPM(max)

SEAL FACE MATERIAL

Silicon Carbide, Tungsten Carbide, Ceramic, Carbon-M, Carbon-R

SECONDARY SEALING

EPDM, TTV, Silicon, Viton, PTFE, Neoprene, Nitrile.

METAL COMPONENTS

SS 316, SS 304

APPLICATION

- Chemical Pumps.
- Petrochemical Industries.
- Corrosive Chemical Pumps.
- High Pressure Pump.
- Acid Pump.

FEATURES

The Products served by us are acceptable for their matchless features like balanced, double acting and uniform face loading.



TYPE
KSMS107

MULTI SPRING MECHANICAL SEAL

OPERATING LIMITS

SHAFT DIA	15mm to 100mm
PRESSURE	10 bar
TEMPERATURE	-20C to 200C
SPEED	3000 RPM(max)

SEAL FACE MATERIAL

Silicon Carbide, Tungsten Carbide, Ceramic, Carbon-M, Carbon-R.

SECONDARY SEALING

EPDM, TTV, Silicon, Viton, PTFE, Neoprene, Nitrile.

METAL COMPONENTS

SS 316, SS 304

APPLICATION

- Chemical Pumps.
- Petrochemical Industries.
- Corrosive Chemical Pumps.
- High Pressure Pump
- Acid Pump.

FEATURES

- Unbalance seal,
- Inside mounted,
- Maintenance Free,
- Multi spring design,
- Long life service.

WAVE SPRING MECHANICAL SEAL

OPERATING LIMITS

SHAFT DIA	15mm to 100mm
PRESSURE	10 bar
TEMPERATURE	-20C to 200C
SPEED	3000 RPM(max)

SEAL FACE MATERIAL

Carbon-M, Carbon-R, Silicon Carbide, Tungsten Carbide.

SECONDARY SEALING

Viton, TTV, PTFE, EPR, EPDM, NBR

METAL COMPONENTS

SS 316, SS 304

APPLICATION

- Paper & Pulp Industries.
- Sugar.
- Waste Water.
- Dairy industries.
- Clean Water.
- Sewage Water.

FEATURES

- Unbalance Seal Inside Mounted Seal,
- Universal Application Opportunities,
- Self Cleaning Effect.

TYPE

KWS108



TYPE
KSSC109

SINGLE CARTRIDGE MECHANICAL SEAL

OPERATING LIMITS

SHAFT DIA	15mm to 100mm
PRESSURE	15 bar
TEMPERATURE	-20C to 200C
SPEED	2900 RPM(max)

SEAL FACE MATERIAL

Carbon, Silicon Carbide, Tungsten Carbide, Ceramic.

SECONDARY SEALING

Nitrile, Viton, EPDM, PTFE, GFT, TTV, EPR, Neoprene, Alfas, Karlez.

METAL COMPONENTS

SS 316, SS 304

APPLICATION

- Solids.
- High Viscosity.
- Abrasive.
- Sewage.
- Slurries.
- Sludge And Viscous Fluids

FEATURES

- Spring Product protected,
- Factory assembled tested with flushing - without flushing,
- Independent of direction of rotation.



TYPE
KSDC110

DOUBLE CARTRIDGE MECHANICAL SEAL

OPERATING LIMITS

SHAFT DIA	20mm to 100mm
PRESSURE	15 bar
TEMPERATURE	-40C to 180C
SPEED	2900 RPM(max)

SEAL FACE MATERIAL

Carbon-M, Carbon-R, Silicon Carbide, Tungsten Carbide.

SECONDARY SEALING

Viton, Kalrez, Graphite, EPR, EPDM, NBR

METAL COMPONENTS

SS 316

APPLICATION

- Thermic Fluid.
- Fatty Acid.
- Hydrocarbons.
- Acid Pumps.
- Petroleum Refineries.

FEATURES

- Factory Assembled Tested,
- Flushing Quenching,
- Independent of Direction of Rotation,
- Metal Bellow.

DRY RUNNING MECHANICAL SEAL

OPERATING LIMITS

SHAFT DIA	50mm to 150mm
PRESSURE	Vaccum to 10 bar
TEMPERATURE	Amb 200c

SEAL FACE MATERIAL

Carbon-M, Carbon-R, Silicon Carbide, Tungsten Carbide.

SECONDARY SEALING

Viton, TTV, FKM, TCV, PTFE, EPR, EPDM.

METAL COMPONENTS

SS 304, SS 316

FEATURES

Dry Mechanical Seals are outside mounted balanced mechanical seal, which require no shaft or sleeve step for balancing seal shows good performance in high vacuum conditions. Since no auxiliary equipments are needed for installation, it is very cost effective & economical. High run out side, single acting, reverse balanced, outside mounted, independent of direction of rotation dry running

APPLICATION

- Food Products.
- Pharmaceutical Products.

TYPE

KSDR111



TYPE

KSAGS201



AGITATOR MECHANICAL SEAL

OPERATING LIMITS

SHAFT DIA	25mm to 150mm
PRESSURE	Vaccum to 10 bar
TEMPERATURE	Amb 200C
SPEED	600 RPM(max)
Barrier Fluid Pressure	Vessel Pressure +1.5 bar

SEAL FACE MATERIAL

Carbon-M, Carbon-R, Silicon Carbide, Tungsten Carbide.

SECONDARY SEALING

Kalrez, Viton, TTV, PTFE, EPR, EPDM.

METAL COMPONENTS

SS 316, SS 304

APPLICATION

- General Chemicals and Its Vapours.
- Food Products.
- Pharmaceutical Products.
- Light Hydrocarbons & Its Vapours.
- Petrochemicals & Its Vapours.

FEATURES

For top / side entry agitators, vessels and mixers double acting seal, unbalance seal, double acting back to back seal, cartridge unit, direction of rotation, operated with pressurised barrier fluid.

TYPE
KSRJ301



ROTARY JOINT MECHANICAL SEAL

OPERATING LIMITS

PRESSURE	10 bar
TEMPERATURE	120° C
SPEED	3/8" to 2.0"

SEAL FACE MATERIAL

Carbon-M, Carbon-R, Silicon Carbide, Tungsten Carbide.

SECONDARY SEALING

Grafoil, Viton, TTV, PTFE, EPR, EPDM, NBR.

METAL COMPONENTS

SS 316, SS 304

APPLICATION

- ✓ Chemical Process Pump.
- ✓ Oil Refineries.
- ✓ Thermal Power Plants.
- ✓ Acid Pumps.
- ✓ Petroleum & Paper Industries.
- ✓ Pulp Industries. Marine Industries.

FEATURES

Rotor connection options : BSP, NPT, UNF, UNC, METRIC THREAD are available. Built in flange connection and quick change flange connection are also available. No external support required self supporting on two precision ball bearings far enough to reduce vibration & wobbling. Balanced mechanical seal : minimises operating torque & enhances life. Seal faces are self lubricating. Carbon (Resin impregnated) and silicon carbide with suitable elastomeric secondary sealing. Or as per the requirement.

ROTARY UNION MECHANICAL SEAL

OPERATING LIMITS

PRESSURE	10 bar
TEMPERATURE	120° C
SPEED	3/8" to 2.0"

SEAL FACE MATERIAL

Carbon-M, Carbon-R, Silicon Carbide, Tungsten Carbide.

SECONDARY SEALING

Kalrez, Viton, TTV, PTFE, EPR, EPDM, NBR.

METAL COMPONENTS

SS 316, SS 304

FEATURES

Rotor connection options : BSP, NPT, UNF, UNC, METRIC THREAD are available. Built in flange connection and quick change flange connection are also available. No external support required : self supporting on two precision ball bearings far enough to reduce vibration & wobbling. Balanced mechanical seal : minimises operating torque & enhances life. Seal faces are self lubricating. Carbon (Resin impregnated) and silicon carbide with suitable elastomeric secondary sealing. Or as per the requirement.

APPLICATION

- ✓ Chemical Process Pump.
- ✓ Oil Refineries.
- ✓ Thermal Power Plants.
- ✓ Acid Pumps.
- ✓ Petroleum & Paper Industries.
- ✓ Pulp Industries.
- ✓ Marine Industries.

TYPE
KSRU302



TYPE
KSANF202

AGITATED NUTSCHE FILTERS

OPERATING LIMITS

SHAFT DIA	50mm to 150mm
PRESSURE	Full vacuum to 7 bar
TEMPERATURE	-80C to 200° C
VELOCITY	1 m/sec

SEAL FACE MATERIAL

Carbon-M, Carbon-R, Silicon Carbide, Tungsten Carbide.

SECONDARY SEALING

Kalrez, Viton, TTV, PTFE, EPR, EPDM.

METAL COMPONENTS

SS 316, SS 304

FEATURES

Agitated nutsche filters (ANF). These seals are used for ANF filters & dryers, Rotary vacuum paddle dryers and Horizontal reactors with expanding shafts.

APPLICATION

- ✓ General Chemicals and Its Vapours.
- ✓ Food Products. Pharmaceutical Products.
- ✓ Light Hydrocarbons & Its Vapours.
- ✓ Petrochemicals & Its Vapours.

CHEMICAL PROCESS PUMP

We are a leading manufacturer of vertical centrifugal chemical process pump, horizontal centrifugal chemical process pump, stainless steel chemical process pump, chemical process pump, horizontal chemical process pump and centrifugal chemical process pump.



SPECIFICATIONS

CAPACITY	Up to 110 Cu Mt / Hr
HEAD	Up to 55 Meters
TEMPERATURE	0° C to 150° C
SPEED	Up to 3500 RPM(max)
PRESSURE	Up to 5 kg/cm ²

MATERIALS

Casing :
PP , GFPP , PVDF
Shaft :
st. steel (SS 410 / SS 316 / SS 304)
Impeller :
PP , GFPP , PVDF.

RELIABILITY

The pump are hydraulically designed for maximum efficiency. Every pump passes through stringent process & quality control plans and is designed to give longer life with consistent performance and trouble free service.

APPLICATION

- ☑ Water transfer hot & cold water.
- ☑ Cooling tower heat exchanger.
- ☑ Sea water textile id Paper ind.
- ☑ Food ind Laminate ind Salt ind.
- ☑ Circulation transfer petroleum ind.
- ☑ Pharmaceutical ind dyes & pigments ind.
- ☑ Jet dyeing chemical process.
- ☑ Chemical Process Industries.
- ☑ Cement Agriculture Fiber.

FEATURES

High capacity, Less maintenance, Low electricity consumption, Long functional life, Robust construction, Insulated surface finish.

CHEMICAL PROCESS PUMP

Our chemical pumps are specially manufactured to assure that they are able to handle aggressive and corrosive liquids. Mainly chemicals pumps are used to transfer liquids from one container to another container. We have a large range of chemical pumps as per the chemical properties with different functional principles.

We are well known for manufacturing a variety of chemical pumps for improving the operation and efficiency of process systems.



SPECIFICATIONS

CAPACITY	up to 48 m ³ /hr
HEAD	up to 60 Meter
TEMPERATURE	up to 135° C
SPEED	up to 3500 rpm(max)
PRESSURE	up to 6 kg/cm ²

MATERIALS

CI, CS, SS304
316, SS 304 L
316L, Alloy 20,
Hast alloy B or
C, CD4MCU, etc

RELIABILITY

The pump are hydraulically designed for maximum efficiency. Every pump passes through stringent process & quality control plans and is designed to give longer life with consistent performance and trouble free service.

APPLICATION

- ☑ Hot and cold water transferring
- ☑ Cooling Tower
- ☑ Heat Exchanger
- ☑ DM Water
- ☑ Steel Industries
- ☑ Ceramic Industries
- ☑ Chemical Plants
- ☑ Pharmaceutical Industries
- ☑ Dyes and Pigment Industries
- ☑ Petroleum Industries
- ☑ Purpose of liquid transfer
- ☑ Slurry transfer
- ☑ Acid transfer

FEATURES

Develop higher pressure, Robust construction, High efficiency, Low maintenance, Able to run at lower motor speed.



PUMP SPARES & COMPONENTS

We are one of the leading manufacturer and supplier company. We are making all kind of fabricating pump seal spare parts for the various industries application. We have an expertise team in making water pump seal as well as dewatering pump.

FEATURES

- Durable, Standard quality,
- Low maintenance cost,
- Modern technology,
- Reliable,
- High strength.

APPLICATION

- ☑ Chemical Pumps.
- ☑ Pharmaceuticals Pumps.
- ☑ Oil Pumps.
- ☑ Water Pumps.
- ☑ Vacuum Pumps.
- ☑ Gear Pumps etc.



MECHANICAL SEALS SPARES

Material Used

Aluminum 5052, 6061, 6063, 7075, Copper, Brass, Stainless Steel, Mild Steel, SS 304, SS 3016.

FEATURES

Invisible leakage, Less friction/power loss, No to little wear on the shafts or sleeves, Flexibility - to accommodate shaft deflections and "End Play", No period maintenance, Long Life.

APPLICATION

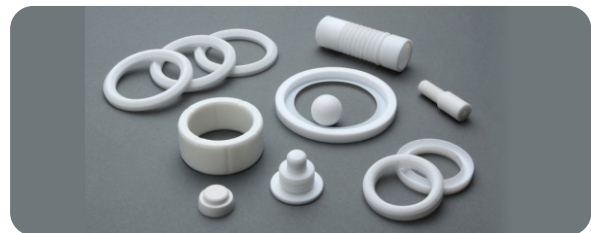
- ☑ Aerospace
- ☑ Defense
- ☑ Industrial
- ☑ Medical
- ☑ Pharmaceutical
- ☑ Military
- ☑ Oil Field markets



O-RINGS GASKETS & MOULDED PRODUCTS

O-Rings continue to be the most widely utilized sealing product. While the 'Donut' shaped profile has by and large been kept intact since their inception, continued elastomeric development has pushed O-ring temperature and chemical compatibility to limits unimaginable several decades ago.

The following advantages of O-rings are as relevant today as they were at their inception. O-Rings seal over a wide range of pressure, temperatures and tolerances. They also have tremendous ease of service over the course of product life and use a small percentage of hardware space. O-Ring failure is typically gradual and easily identified. Finally, they are a cost-effective sealing solution relative to their product counter parts.



PTFE Machined Parts

Plastic or Fluoropolymer components are moulded and machined to meet customers particular requirements. Although all products are made to customer specific drawings, typical components include ball valve seats, gaskets, washers, filter baskets etc and materials range from simple plastics such as Nylon, Delrin, UHMWPE to specialist fluoropolymers such as PEEK, PCTFE and obviously PTFE. Duflon can cater for one-off quantities upto large scale mass production quantities.

Its often used in various industries like Sugar, Paper Industries, Chemical process pumps, Petrochemical industries, Electrical Industries, Pharmaceuticals, textile.

WHY WE ARE...?

We manufacture highly efficient and reliable Mechanical Seals for Pumps, Compressors, Agitators, Mixers, Reactors, Dyeing Machines and all other equipments having rotating shafts. We have got all the necessary plant & machineries and other infrastructure to manufacture quality products.

We will constantly endeavor to satisfy our customers by understanding their requirements through active participation and effective communication. We will develop creative solutions to meet these requirements and explore new technologies in anticipation of the changing times.

We will achieve this through the following objectives :

- ✓ Supplying products complying to agreed specifications free of errors.
- ✓ Developing customer focus in our employees.
- ✓ Development of our employees by technical and quality training.
- ✓ Developing vendors' quality by providing them with technical support.
- ✓ Standardisation to reduce inventory and lead times.
- ✓ Reducing our costs through technology, productivity and quality improvements.
- ✓ Providing emergency support to the customer at his site and at our works in case of failures.

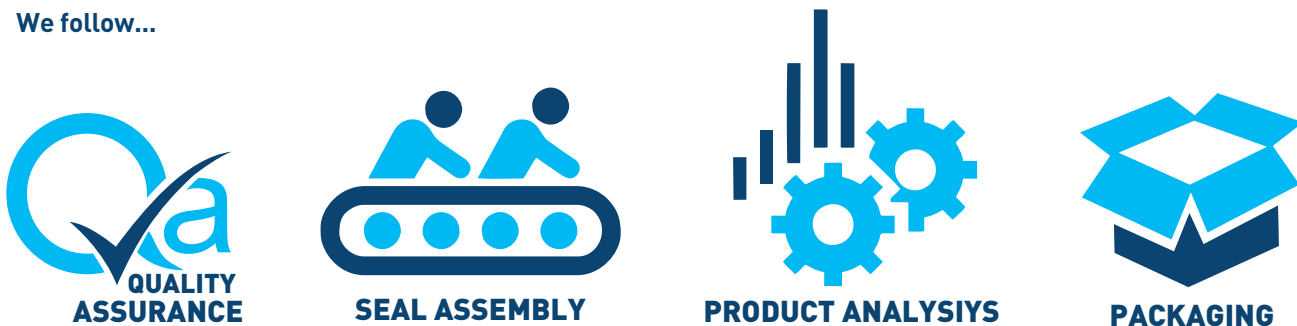
QUALITY CONTROL

We apply ourselves to perform the right quality and the right time to all customers. Kreatik Seals believes that the correct raw material is very important factor for the execution of quality of products.

We believe..



We follow...



Thus, this way we serve with 100% Best Quality & Service Management.

Industries We Serve...

- PETROCHEMICALS
- PHARMACEUTICALS
- DAIRY PLANTS
- FERTILIZERS
- OIL REFINERIES
- TEXTILES



Let's
talk here...



Kreatik Seals

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