



FLOWMAKE SEALS · PRODUCT CATALOGUE

Engineered sealing solutions.

Current website product range and preserved earlier-catalogue products, with images and product information.

25 current product series · 20 earlier-catalogue products

ABOUT FLOWMAKE

Sealing solutions focused on performance and reliability.

Flow Make Seals is a mechanical seal manufacturer focused on customer satisfaction, quality, performance and reliable sealing systems. The website presents mechanical seals for pumps, mixers, agitators and demanding industrial applications, along with product-family information, application guidance, company details and enquiry contacts.

Current range

25 product series

Earlier catalogue

20 preserved products

Product support

Application-specific enquiries

Earlier-catalogue entries are identified separately. Where a series number overlaps the current range, both entries are shown without merging their descriptions.

QUICK INDEX

Product series

FMS101 Single spring seal	FMS102 Single spring seal	FMS201 Multi spring seal
FMS202 Multi spring seal	FMS203 Multi spring seal	FMS204 Multi spring seal
FMS205 Multi spring seal	FMS301 Multi spring reverse balance seal	FMS302 Reverse balanced seal
FMS401 Dura type seal	FMS501 Rubber bellow seal	FMS502 Rubber bellow seal
FMS503 Rubber bellow seal	FMS601 Conical spring seal	FMS701 PTFE bellow seal
FMS801 Rubber bellow seal	FMS802 Rubber bellow seal	FMS803 Rubber bellow seal
FMS901 Lip seal	FMS1001 Rotary joint	FMS2001 Cartridge seal
FMS3001 Dry seal	FMS4001 Agitator seal	FMS5001 Split seal
FMS6001 Thermosiphon system	FMS101 · Archive Single Spring Seal - FMS101	FMS102 · Archive Single Spring Seal - FMS102
FMS201 · Archive Conical Spring Seal -FMS201	FMS602 · Archive Lip Seals -FMS602	FMS401 · Archive Dura Type Seal - FMS401
FMS301 · Archive Grundfoss	FMS103 · Archive Single Spring Seal - FMS103	FMS403 · Archive Multi Spring - FMS403
FMS404 · Archive Multi Spring -FM404	FMS405 · Archive Multi Spring -FM405	FMS406 · Archive Multi Spring -FM406
FMS407 · Archive Multi Spring - FMS407	FMS408 · Archive Reverse Balance - FMS408	FMS409 · Archive Reverse Balance - FMS409
FMS501 · Archive Rubber Bellow Seals - FMS501	FMS503 · Archive Rubber Bellow Seals - FM503	FMS502 · Archive Rubber Bellow Seals - FMS502

FMS701 · Archive

Teflon Bellow Seals - FMS701

FMS702 · Archive

Teflon Bellow Seals - FMS702

FMS703 · Archive

Teflon Bellow Seals -FMS703



Current product series

Product descriptions and specification ranges shown on the current Flowmake Seals website.



CURRENT RANGE · 01

FMS101

Single spring seal

Series FMS101 is an unbalanced single-acting helical coil spring seal, independent of direction of rotation. The drive ring's notch design eliminates overstressing of the elastomer bellows. Slippages are eliminated, protecting the shaft and sleeve from fretting. The seal can be repaired in the field with minimum spares, minimizing downtime cost.

Shaft / size
10–120 mm

Pressure
0–30 bar



CURRENT RANGE · 02

FMS102

Single spring seal

Series FMS102 is an unbalanced single-acting helical coil spring seal, independent of direction of rotation. The drive ring's notch design eliminates overstressing of the elastomer bellows. Slippages are eliminated, protecting the shaft and sleeve from fretting. The seal can be repaired in the field with minimum spares, minimizing downtime cost.

Shaft / size
12–120 mm

Pressure
0–10 bar



CURRENT RANGE · 03

FMS201

Multi spring seal

Series FMS201 pump seals are very easy to replace and provide maximum reliability. The range includes multi-spring unbalanced seals and continues to evolve with current market trends and expectations. They are durable and provide high operational reliability.

Shaft / size
12–120 mm

Pressure
0–25 bar



CURRENT RANGE · 04

FMS202

Multi spring seal

Series FMS202 pump seals are very easy to replace and provide maximum reliability. The range includes multi-spring unbalanced seals and continues to evolve with current market trends and expectations. They are durable and provide high operational reliability.

Shaft / size
12–120 mm

Pressure
0–25 bar



CURRENT RANGE · 05

FMS203

Multi spring seal

Series FMS203 pump seals are very easy to replace and provide maximum reliability. The range includes multi-spring unbalanced seals and continues to evolve with current market trends and expectations. They are durable and provide high operational reliability.

Shaft / size
14–150 mm

Pressure
Up to 10 bar



CURRENT RANGE · 06

FMS204

Multi spring seal

Series FMS204 pump seals are very easy to replace and provide maximum reliability. The range includes multi-spring unbalanced seals and continues to evolve with current market trends and expectations. They are durable and provide high operational reliability.

Shaft / size
14–150 mm

Pressure
Up to 10 bar



CURRENT RANGE · 07

FMS205

Multi spring seal

Series FMS205 pump seals are very easy to replace and provide maximum reliability. The range includes multi-spring unbalanced seals and continues to evolve with current market trends and expectations. They are durable and provide high operational reliability.

Shaft / size
14–150 mm

Pressure
Up to 10 bar



CURRENT RANGE · 08

FMS301

Multi spring reverse balance seal

Series FMS301 pump seals are very easy to replace and provide maximum reliability. The range includes multi-spring reverse-balance seals and continues to evolve with current market trends and expectations. They are durable and provide high operational reliability.

Shaft / size
12–100 mm

Pressure
0–25 bar



CURRENT RANGE · 09

FMS302

Reverse balanced seal

Series FMS302 is a multi-spring reverse-balanced seal that can be externally mounted and is internally balanced with a multi-coil spring seal. It is made from high-quality raw materials for durability. Its compact design eliminates the need for a shaft step or sleeve and limits the space required for installation.

Shaft / size
10–100 mm

Pressure
Up to 10 bar



CURRENT RANGE · 10

FMS401

Dura type seal

Series FMS401 pump seals are very easy to replace and provide maximum reliability. The range includes multi-spring unbalanced seals and continues to evolve with current market trends and expectations. They are durable and provide high operational reliability.

Shaft / size
14–150 mm

Pressure
Up to 10 bar



CURRENT RANGE · 11

FMS501

Rubber bellow seal

A resilient rubber bellow mechanical seal for pump applications. Contact Flow Make Seals to confirm the materials and configuration for your operating conditions.



CURRENT RANGE · 12

FMS502

Rubber bellow seal

A flexible rubber bellow mechanical seal designed for dependable secondary sealing. Contact Flow Make Seals to confirm the materials and configuration for your operating conditions.



CURRENT RANGE · 13

FMS503

Rubber bellow seal

A rubber bellow mechanical seal for pump and process equipment applications. Contact Flow Make Seals to confirm the materials and operating suitability.



CURRENT RANGE · 14

FMS601

Conical spring seal

Series FMS601 is a single conical-spring, unbalanced seal with an O-ring for secondary sealing. Torque transmission is through the single coil spring, so the seal is direction-dependent; right- and left-handed springs are available for clockwise and anticlockwise shafts. Applications include submersible, sewage, chemical-transfer and water pumps.

Shaft / size
10–100 mm

Pressure
10 bar maximum



CURRENT RANGE · 15

FMS701

PTFE bellow seal

A PTFE bellow mechanical seal for applications requiring chemical-resistant sealing. Contact Flow Make Seals to confirm material and operating suitability.



CURRENT RANGE · 16

FMS801

Rubber bellow seal

Series FMS801 is a commonly used rubber bellow seal with a compact design for easy mounting. Its rubber-bellow secondary seal provides axial flexibility to compensate for shaft misalignment and wear due to thrust movement. The driving torque is transmitted through the rubber bellow, and face materials are interchangeable without modifying dimensions.

Shaft / size
10–100 mm

Pressure
Up to 10 bar



CURRENT RANGE · 17

FMS802

Rubber bellow seal

Series FMS802 is a commonly used rubber bellow seal with a compact design for easy mounting. Its rubber-bellow secondary seal provides axial flexibility to compensate for shaft misalignment and wear due to thrust movement. The driving torque is transmitted through the rubber bellow, and face materials are interchangeable without modifying dimensions.

Shaft / size
10–100 mm

Pressure
Up to 10 bar



CURRENT RANGE · 18

FMS803

Rubber bellow seal

Series FMS803 is a commonly used rubber bellow seal with a compact design for easy mounting. Its rubber-bellow secondary seal provides axial flexibility to compensate for shaft misalignment and wear due to thrust movement. The driving torque is transmitted through the rubber bellow, and face materials are interchangeable without modifying dimensions.

Shaft / size
10–100 mm

Pressure
Up to 10 bar



CURRENT RANGE · 19

FMS901

Lip seal

Rotary applications have specific requirements, including keeping the seal stationary in the gland and resisting rotational forces at the seal/shaft interface. Rotary lip seals use an anti-rotation feature and maintain shaft contact to create a positive seal. Eclipse PTFE-based ET materials provide a low-friction solution for long seal life.

Shaft / size
10–100 mm

Pressure
18 bar maximum



CURRENT RANGE · 20

FMS1001

Rotary joint

The Series FMS1001 rotary joint can be used in a wide variety of settings, from low speed to high speed and from low pressure to high pressure. Using a special seal, this rotary joint is manufactured for use in a wide range of industries.

Shaft / size
3/8–5 in connections

Pressure
Up to 275 bar



CURRENT RANGE · 21

FMS2001

Cartridge seal

The Series FMS2001 is a simple-to-install, unitized cartridge-mounted, balanced, multiple-spring mechanical seal that requires no measuring for installation. The seal faces are protected from damage and contamination by dirt and foreign particles. Slide the seal onto the shaft, bolt down the gland, tighten the set screws and remove the location plate; the gland positions the seal faces for maximum protection.

Shaft / size
20–100 mm

Pressure
5–25 bar



CURRENT RANGE · 22

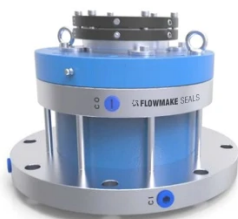
FMS3001

Dry seal

Series FMS3001 is designed as a dry-running seal for corrosive services. These seals do not require lubricant or quenching for cooling. They are used for mixers, agitators and reactors, including sanitary applications where product contamination from barrier fluids is unacceptable.

Shaft / size
20–150 mm

Pressure
Up to 10 bar



CURRENT RANGE · 23

FMS4001

Agitator seal

Series FMS4001 agitator seals are designed for severe services, including products emitting highly toxic vapours during reaction processes. The compact, unitized cartridge assembly is easy to install and is independent of direction of rotation. These seals require cooling and quenching for better performance.

Shaft / size
30–150 mm

Pressure
Full vacuum to 25 bar



CURRENT RANGE · 24

FMS5001

Split seal

Series FMS5001 is a split mechanical seal developed with minimum components for large-diameter shafts on mixers, agitators, reactors and blenders. It can be installed without dismantling equipment. The split seal faces are balanced and covered with split O-rings to suit a range of equipment and housing configurations.

Shaft / size
50–125 mm

Pressure
Up to 20 bar (kg/cm²)



CURRENT RANGE · 25

FMS6001

Thermosiphon system

The thermosiphon provides lubrication, dissipates heat and maintains temperature and the required pressure gradient across seal faces in double-back-to-back and tandem seal arrangements for pumps and agitators. Plan 52 and 53A configurations are available; reservoir instrumentation and construction can be adapted to application requirements.

Shaft / size

TS 20 / TS 40

Pressure

20 bar (TS 20); 40 bar (TS 40)

02 · PRESERVED WEBSITE ARCHIVE

Earlier catalogue products



EARLIER CATALOGUE · 01

FMS101

Single Spring Seal - FMS101

Seal Characteristics

SINGLE SPRING SEALS SERIES FMS101 Series FMS101 is unbalanced single acting helical coil spring seals independent of direction of rotation. The drive ring's notch design eliminates over stressing of the elastomers bellows. Slippages are eliminated, protecting the shaft and sleeve from fretting. Seal can be repaired in field with minimum spares, minimizing the downtime cost. .

Performance

Performance Range • Shaft Diameter : 10...100mm • Pressure : 18 bar (max) • Temperature : -20...140 O C • Velocity : 15 m/sec

Applications

Applications • Water pumps • Mixers and Agitators • Sewage pump • Pulp and papers



EARLIER CATALOGUE · 02

FMS102

Single Spring Seal - FMS102

Seal Characteristics

SINGLE SPRING SEALS SERIES FMS102 Flow Make Seals offer you a highly specialized single spring seal that is installed effortlessly without taking much of your time. The best part about this product is that it can be installed on any type of slurry liquid. It also eliminates the need for adjustment in fittings because of factory pre-assembly. In terms of reliability, a single spring mechanical seal is considered the best choice. It is the appropriate product when its usage across a wide range of industries is a concern. Moreover, as our primary focus is customer satisfaction, we provide a mechanical seal single spring that comprises properties like corrosive resistance, trouble-free activity, low maintenance, and fine finishing. Not only that, the entire manufacturing unit is managed by our team of experts. These professionals follow industry guidelines thoroughly. They check the quality at every stage, including production, designing, assembling, and finishing. Therefore, the single spring seal you acquire from Flow Make Seals will be high-quality, mechanically sound, and even competitively priced. Contact us to place the order for this product now. Features: The features delivered by our single spring seal are: Cost-effective Single spring type Cartridge unit type Factory assembled tested Balance & unbalanced type Immediate install & effortless removal Availability of metric & inch sizes Independent of direction of rotation Also available with & without connection of flushing and quenching Applications: This single spring mechanical seal is applicable to beverages, pulp and paper, chemical, steel making industries, hot and cold water process, water and wastewater process, sewage water process, vacuum distillation, crystallization, and suspensions with low solid content. Materials Used: The materials used for producing this mechanical seal single spring are: FACES- Carbon, Ceramic, Silicon Carbide, Tungsten Carbide ELASTOMERS- Nitrile (NBR), Viton (FKM), EPDM, PTFE, TTV, EPR, Neoprene, Aflas HARDWARE- SS 304/SS 316



EARLIER CATALOGUE · 03

FMS201

Conical Spring Seal -FMS201

Seal Characteristics

CONICAL SPRING SEALS Series FMS201 Series FMS201 is single conical spring, unbalanced seal with O-ring provided for secondary sealing. Since the Torque transmission is done by the single coil springs the seals are dependent on the directions of rotation, which is seen from the drive end of the shaft. Right handed spring and left handed springs are provided for clockwise and anticlockwise rotating shafts respectively. These seals can carry a variety of seals faces, serving applications in submersible, sewage, chemical transfer, water pumps etc.

Applications

Applications • Water pumps

Performance

Performance Range • Shaft Diameter : 10-100mm • Pressure : 10 bar (max) • Temperature : -20...180 O C • Velocity : 10 m/sec

Materials

Materials • Seal Faces : Carbon, Ceramic, SiC, Tung. Carbide • Metal Parts : SS304, SS316 • O-rings : Elastomers, TTV



EARLIER CATALOGUE · 04

FMS602

Lip Seals -FMS602

Performance

LIP SEALS SERIES FMS602 For decades, we, as Lip Seals Manufacturer in Mumbai are providing customers with highly-efficient lip seal that has been considered the most significant element while designing rotary shaft seals. It is vastly used in wet environments like ships, water pumps, and tidal turbines. The entire purpose of lip seal manufacturers while making a lip seal is to help keep the oil and grease lubricant inside the application to prevent the ingress of water and dirt. Lip seal types provide the function of lubrication film and high-pressure compensation. The lubrication film acts as a barrier between two different media like water and oil. It prevents lip seals from making contact with the liner. This way, you will enjoy the benefits of reduced energy consumption, less wear, a longer lifetime, and even minimum development of heat. And, since the development of heat is minimum, it will offer suitable high-speed applications. Furthermore, lip seal in high-pressure applications encompasses extra pressure, which reduces its functions. The application needs a distinctive set of requirements. The circular shape of the furrow and peripheral velocity of the liner generates water flow between the grooves and our lip seal. Using flush water, the liner lubricates the seal, cools the module, and minimizes friction. We are also one of the lip seal suppliers that offer seals that are highly durable and easy to install. Moreover, Flow Make Seals are the Lip Seals Manufacturer in Mumbai that offers seals at very affordable prices. Features: Our lip seal provides you with the following features: Temperature resistance Durable finish standards Easy to install Smooth finish Precise dimensions Applications: Our lip seal types are applicable in water pumps, mixers, agitators, sewage pumps, pulp, and paper. Performance Range: Our lip seal manufacturer has kept the diameter of the shaft from 10-100mm. It provides a maximum pressure of 18 bar. The temperature of the lip seal is 20-140 °C, whereas it provides you with a velocity of 15 m/sec.



EARLIER CATALOGUE · 05

FMS401

Dura Type Seal - FMS401

Seal Characteristics

PUMP SEALS SERIES FMS401 Series FMS401 pumps seals are very easy to replace and gives maximum reliability. We are providing an entire array of Multi Spring Unbalanced Seal and keep innovating them based on current market trends and expectations. They are durable and provide high operation reliability. Features Are general-purpose multi spring unbalanced seals. Designated as LS23B for the unbalanced Versions with 'O Ring & PTFE wedge respectively. Shaft fretting is minimized due to lower spring loads provided through wedge or 'O' Rings, occupies less stuffing box area due to its narrow cross-section & compact design.

Performance

Performance Range • Shaft Dia. : 14 to 150mm • Pressure : up to 10 Bars • Temp. : -50 to 280°C • Speed : up to 25 m/s

Materials

Materials • Seal Faces : Carbon vs Ceramic/Sic./TC • Secondary Seals : Viton/PTFE/GFT • Metal Components : SS-316



EARLIER CATALOGUE · 06

FMS301

Grundfoss

Seal Characteristics

GRUNDFOS PUMP SEALS SERIES FMS301 Series FMS301 Grundfos pumps seals are very easy to replace and gives maximum reliability. It is durable and made from hard wearing material which prevent the downtime and prolong the lifetime of the seal. All axial movement has been eliminated, preventing wear of the shaft and the rubber parts. There is no special tool required to replace the seal or dismantling the pump. Features It gives long and reliable seal life. Easy to install without any tool

Performance

Performance Range • Pressure : Upto 20 kg/cm² C • Temperature : -200...180 O • Speed : 3000 RPM

Applications

Materials Hardware : SS 304, SS 316 Seal Ring : Carbon, SiC Mating Ring : TC, SiC, Carbon, Special Cast Secondary Seal : PTFE, EPDM, Nitrile, Neoprene, Silicon, FKM



EARLIER CATALOGUE · 07

FMS103

Single Spring Seal - FMS103

Seal Characteristics

SINGLE SPRING SEALS SERIES FMS103 Flow Make Seals offer you a highly specialized single spring seal that is installed effortlessly without taking much of your time. The best part about this product is that it can be installed on any type of slurry liquid. It also eliminates the need for adjustment in fittings because of factory pre-assembly. In terms of reliability, a single spring mechanical seal is considered the best choice. It is the appropriate product when its usage across a wide range of industries is a concern. Moreover, as our primary focus is customer satisfaction, we provide a mechanical seal single spring that comprises properties like corrosive resistance, trouble-free activity, low maintenance, and fine finishing. Not only that, the entire manufacturing unit is managed by our team of experts. These professionals follow industry guidelines thoroughly. They check the quality at every stage, including production, designing, assembling, and finishing. Therefore, the single spring seal you acquire from Flow Make Seals will be high-quality, mechanically sound, and even competitively priced. Contact us to place the order for this product now.

Features: The features delivered by our single spring seal are: Cost-effective Single spring type Cartridge unit type Factory assembled tested Balance & unbalanced type Immediate install & effortless removal Availability of metric & inch sizes Independent of direction of rotation Also available with & without connection of flushing and quenching

Applications: This single spring mechanical seal is applicable to beverages, pulp and paper, chemical, steel making industries, hot and cold water process, water and wastewater process, sewage water process, vacuum distillation, crystallization, and suspensions with low solid content.

Materials Used: The materials used for producing this mechanical seal single spring are: FACES- Carbon, Ceramic, Silicon Carbide, Tungsten Carbide ELASTOMERS- Nitrile (NBR), Viton (FKM), EPDM, PTFE, TTV, EPR, Neoprene, Aflas HARDWARE- SS 304/SS 316



EARLIER CATALOGUE · 08

FMS403

Multi Spring - FMS403

Seal Characteristics

MULTI SPRING PUMP SEALS SERIES FMS403 A multi spring seal is manufactured for universal high-pressure applications. They have a compact design, which makes them suitable for all types of Centrifugal pump usage. From retainer shell to seal ring, the torque transmission is performed through drive lugs. The entire components of this multi spring mechanical seal are connected with a snap ring that makes the installation and removal process effortless. Moreover, you can change the parts too. Therefore, it is one of the most ideal products for stock realization. Our mechanical seal multi spring is factory assembled and dynamically tested. Our product has very solid properties like corrosive resistance, hassle-free activity, low maintenance, and fine finishing. Each component and equipment used in the spring mechanical seal is approved by highly knowledgeable professionals. Moreover, every unit of Flow Make Seals is managed by our team of expert professionals who produce the mechanical seal multi spring by the following industry recommended guidelines. Since we conduct stringent quality checks at multiple stages of production, designing, assembling, and finishing, you will acquire mechanically sound and competitively priced products. So, feel free to place your order for a high-quality multi spring seal at Flow Make Seals today!

Features: The multi spring seal offers the following features: Single seal Pusher type Balance type Rotating spring Multi spring type Internal & External mounted Independent of direction of rotation Highly compact design

Application: The multi spring mechanical seal is applied for clear, lubricating, non-corrosive liquids, General chemicals, Petrochemicals, and Refinery Services.

Materials Used: The materials used for producing this spring mechanical seal are: FACES- Carbon, Ceramic, Lacrolloy, Silicon Carbide, and Tungsten Carbide ELASTOMER- Nitrile (NBR), Viton (FKM), EPDM, Aflas, PTFE, TTV, Kalrez (FFKM) HARDWARE- SS 304, SS 316, Hastelloy-C, Alloy-20, Monel, Titanium



EARLIER CATALOGUE · 09

FMS404

Multi Spring -FM404

Seal Characteristics

MULTI SPRING PUMP SEALS SERIES FM404 A multi spring seal is manufactured for universal high-pressure applications. They have a compact design, which makes them suitable for all types of Centrifugal pump usage. From retainer shell to seal ring, the torque transmission is performed through drive lugs. The entire components of this multi spring mechanical seal are connected with a snap ring that makes the installation and removal process effortless. Moreover, you can change the parts too. Therefore, it is one of the most ideal products for stock realization. Our mechanical seal multi spring is factory assembled and dynamically tested. Our product has very solid properties like corrosive resistance, hassle-free activity, low maintenance, and fine fishing. Each component and equipment used in the spring mechanical seal is approved by highly knowledgeable professionals. Moreover, every unit of Flow Make Seals is managed by our team of expert professionals who produce the mechanical seal multi spring by the following industry recommended guidelines. Since we conduct stringent quality checks at multiple stages of production, designing, assembling, and finishing, you will acquire mechanically sound and competitively priced products. So, feel free to place your order for a high-quality multi spring seal at Flow Make Seals today! Features: The multi spring seal offers the following features: Single seal Pusher type Balance type Rotating spring Multi spring type Internal & External mounted Independent of direction of rotation Highly compact design Application: The multi spring mechanical seal is applied for clear, lubricating, non-corrosive liquids, General chemicals, Petrochemicals, and Refinery Services. Materials Used: The materials used for producing this spring mechanical seal are: FACES- Carbon, Ceramic, Lacrolloy, Silicon Carbide, and Tungsten Carbide ELASTOMER- Nitrile (NBR), Viton (FKM), EPDM, Aflas, PTFE, TTV, Kalrez (FFKM) HARDWARE- SS 304, SS 316, Hastelloy-C, Alloy-20, Monel, Titanium



EARLIER CATALOGUE · 10

FMS405

Multi Spring -FM405

Seal Characteristics

MULTI SPRING PUMP SEALS SERIES FM405 A multi spring seal is manufactured for universal high-pressure applications. They have a compact design, which makes them suitable for all types of Centrifugal pump usage. From retainer shell to seal ring, the torque transmission is performed through drive lugs. The entire components of this multi spring mechanical seal are connected with a snap ring that makes the installation and removal process effortless. Moreover, you can change the parts too. Therefore, it is one of the most ideal products for stock realization. Our mechanical seal multi spring is factory assembled and dynamically tested. Our product has very solid properties like corrosive resistance, hassle-free activity, low maintenance, and fine fishing. Each component and equipment used in the spring mechanical seal is approved by highly knowledgeable professionals. Moreover, every unit of Flow Make Seals is managed by our team of expert professionals who produce the mechanical seal multi spring by the following industry recommended guidelines. Since we conduct stringent quality checks at multiple stages of production, designing, assembling, and finishing, you will acquire mechanically sound and competitively priced products. So, feel free to place your order for a high-quality multi spring seal at Flow Make Seals today! Features: The multi spring seal offers the following features: Single seal Pusher type Balance type Rotating spring Multi spring type Internal & External mounted Independent of direction of rotation Highly compact design Application: The multi spring mechanical seal is applied for clear, lubricating, non-corrosive liquids, General chemicals, Petrochemicals, and Refinery Services. Materials Used: The materials used for producing this spring mechanical seal are: FACES- Carbon, Ceramic, Lacrolloy, Silicon Carbide, and Tungsten Carbide ELASTOMER- Nitrile (NBR), Viton (FKM), EPDM, Aflas, PTFE, TTV, Kalrez (FFKM) HARDWARE- SS 304, SS 316, Hastelloy-C, Alloy-20, Monel, Titanium



EARLIER CATALOGUE · 11

FMS406

Multi Spring -FM406

Seal Characteristics

MULTI SPRING PUMP SEALS SERIES FMS406 A multi spring seal is manufactured for universal high-pressure applications. They have a compact design, which makes them suitable for all types of Centrifugal pump usage. From retainer shell to seal ring, the torque transmission is performed through drive lugs. The entire components of this multi spring mechanical seal are connected with a snap ring that makes the installation and removal process effortless. Moreover, you can change the parts too. Therefore, it is one of the most ideal products for stock realization. Our mechanical seal multi spring is factory assembled and dynamically tested. Our product has very solid properties like corrosive resistance, hassle-free activity, low maintenance, and fine fishing. Each component and equipment used in the spring mechanical seal is approved by highly knowledgeable professionals. Moreover, every unit of Flow Make Seals is managed by our team of expert professionals who produce the mechanical seal multi spring by the following industry recommended guidelines. Since we conduct stringent quality checks at multiple stages of production, designing, assembling, and finishing, you will acquire mechanically sound and competitively priced products. So, feel free to place your order for a high-quality multi spring seal at Flow Make Seals today! Features: The multi spring seal offers the following features: Single seal Pusher type Balance type Rotating spring Multi spring type Internal & External mounted Independent of direction of rotation Highly compact design Application: The multi spring mechanical seal is applied for clear, lubricating, non-corrosive liquids, General chemicals, Petrochemicals, and Refinery Services. Materials Used: The materials used for producing this spring mechanical seal are: FACES- Carbon, Ceramic, Lacroloy, Silicon Carbide, and Tungsten Carbide ELASTOMER- Nitrile (NBR), Viton (FKM), EPDM, Aflas, PTFE, TTV, Kalrez (FFKM) HARDWARE- SS 304, SS 316, Hastelloy-C, Alloy-20, Monel, Titanium



EARLIER CATALOGUE · 12

FMS407

Multi Spring - FMS407

Seal Characteristics

MULTI SPRING PUMP SEALS SERIES FMS407 A multi spring seal is manufactured for universal high-pressure applications. They have a compact design, which makes them suitable for all types of Centrifugal pump usage. From retainer shell to seal ring, the torque transmission is performed through drive lugs. The entire components of this multi spring mechanical seal are connected with a snap ring that makes the installation and removal process effortless. Moreover, you can change the parts too. Therefore, it is one of the most ideal products for stock realization. Our mechanical seal multi spring is factory assembled and dynamically tested. Our product has very solid properties like corrosive resistance, hassle-free activity, low maintenance, and fine fishing. Each component and equipment used in the spring mechanical seal is approved by highly knowledgeable professionals. Moreover, every unit of Flow Make Seals is managed by our team of expert professionals who produce the mechanical seal multi spring by the following industry recommended guidelines. Since we conduct stringent quality checks at multiple stages of production, designing, assembling, and finishing, you will acquire mechanically sound and competitively priced products. So, feel free to place your order for a high-quality multi spring seal at Flow Make Seals today! Features: The multi spring seal offers the following features: Single seal Pusher type Balance type Rotating spring Multi spring type Internal & External mounted Independent of direction of rotation Highly compact design Application: The multi spring mechanical seal is applied for clear, lubricating, non-corrosive liquids, General chemicals, Petrochemicals, and Refinery Services. Materials Used: The materials used for producing this spring mechanical seal are: FACES- Carbon, Ceramic, Lacroloy, Silicon Carbide, and Tungsten Carbide ELASTOMER- Nitrile (NBR), Viton (FKM), EPDM, Aflas, PTFE, TTV, Kalrez (FFKM) HARDWARE- SS 304, SS 316, Hastelloy-C, Alloy-20, Monel, Titanium



EARLIER CATALOGUE · 13

FMS408

Reverse Balance - FMS408

Seal Characteristics

REVERSE BALANCED SEALS SERIES FMS408 Our balanced seal is externally mounted and internally balanced spring seals that are used for eliminating the shaft step or sleeves for balancing. Since they are extremely mounted, the metal parts, as well as the spring, do not come in contact with the circulating media. This makes them highly effective for corrosive or abrasive media sealing. Moreover, its compact design eliminates the need for extra radial and axial space for its installation. We, at Flow Make Seals, are engaged in offering a wide range of balanced mechanical seal. This application is applicable in various industries that include chemical, refinery, petrochemical, and pharmaceutical. You can even assemble and dismantle our seal using a circlip which can be converted into a balanced version. It comes with a single, double, or tandem arrangement with the help of external seal support and devices. With the assistance of skilled and experienced professionals, you will provide high-quality balanced seals and have smooth finishing standards. We are precisely engineered and delivered in standard configurations. The seals we offer our customers are in standard sizes and functionally advanced in nature. As we are aware of the importance of this product, we are putting together the efforts to ensure that you get a product that is highly reliable and provides complete satisfaction to you. You will rest assured of its quality and safety as a whole. Features: Our balanced mechanical seal provides you with the following features: Reliable operations Accurate dimension Rugged design Applications: This balanced seal is applicable in water and wastewater, the food and beverages industry, oil applications, and general applications. Materials Used: The materials used for making a balanced seal are: FACES- Silicon Carbide, Tungsten Carbide, Carbon, and Ceramic METAL PARTS- SS316, SS304, Hast-C, Monel, Alloy-20 SECONDARY SEALS- NBR, Viton, PTFE, EPDM, Neoprene



EARLIER CATALOGUE · 14

FMS409

Reverse Balance - FMS409

Seal Characteristics

MULTI SPRING REVERSE BALANCE SEALS SERIES FMS409 Our balanced seal is externally mounted and internally balanced spring seals that are used for eliminating the shaft step or sleeves for balancing. Since they are extremely mounted, the metal parts, as well as the spring, do not come in contact with the circulating media. This makes them highly effective for corrosive or abrasive media sealing. Moreover, its compact design eliminates the need for extra radial and axial space for its installation. We, at Flow Make Seals, are engaged in offering a wide range of balanced mechanical seal. This application is applicable in various industries that include chemical, refinery, petrochemical, and pharmaceutical. You can even assemble and dismantle our seal using a circlip which can be converted into a balanced version. It comes with a single, double, or tandem arrangement with the help of external seal support and devices. With the assistance of skilled and experienced professionals, you will provide high-quality balanced seals and have smooth finishing standards. We are precisely engineered and delivered in standard configurations. The seals we offer our customers are in standard sizes and functionally advanced in nature. As we are aware of the importance of this product, we are putting together the efforts to ensure that you get a product that is highly reliable and provides complete satisfaction to you. You will rest assured of its quality and safety as a whole. Features: Our balanced mechanical seal provides you with the following features: Reliable operations Accurate dimension Rugged design Applications: This balanced seal is applicable in water and wastewater, the food and beverages industry, oil applications, and general applications. Materials Used: The materials used for making a balanced seal are: FACES- Silicon Carbide, Tungsten Carbide, Carbon, and Ceramic METAL PARTS- SS316, SS304, Hast-C, Monel, Alloy-20 SECONDARY SEALS- NBR, Viton, PTFE, EPDM, Neoprene



EARLIER CATALOGUE · 15

FMS501

Rubber Bellow Seals - FMS501

Seal Characteristics

RUBBER BELLOW SEALS SERIES FMS501 A rubber bellow mechanical seal created using a rubber bellow is highly effective for water, oils, and light duties applications. This seal is single-acting and independent of the direction of rotation. The rubber bellow seals manufactured by Flow Make Seals, the leading Rubber Bellow Seals manufacturer in Mumbai , constitute a unique rubber bellow in the form of an inferior seal. Its self-aligning features help you to adjust the irregular shaft and even run out to provide long service life. This way, our seals tend to protect the shaft or sleeve from fretting. We also use distinctive materials on the bellow type mechanical seal to meet the requirements of our customers. As a Rubber Bellow Seals manufacturer in Mumbai , we build our seals in a way that enables our customers to use them in a variety of ways. Using our rubber bellow seals can help you in enjoying several benefits: It is cost-effective. Do not have a sliding elastomer or O-ring. It means that you do not have to hang up anything on the shaft. Since there is no measurement required to set or make screws to tighten the shaft, it makes the installation process effortless for you. The designs are sited either next to the shoulder of the shaft or linked to the shoulder cast into the impeller. Therefore, you can push it onto the shoulder quite easily. Features: The rubber bellow seals comprise the following features: Compact Design makes it mounted effortlessly Provides high-degree of axial flexibility Has unique rubber bellow secondary seals The driving torque perfectly fits on the shafts No bonded joints Interchangeable face materials Eliminate the need for modifying dimensions. Applications: This bellow type mechanical seal is useful in : Sewage applications Wastewater pumps Submersible pumps Fuel Injection pumps Hot & Cold water pumps Materials Used: The materials used for making this rubber bellow mechanical seal are: FACES - Carbon vs Ceramic, silicon, TC SEAT FACES - NiR, Ceramic, SiC, TC ELASTOMER - Viton, Neoprene, EPDM, NBR, Buna-N MOC - SS 304 and SS 316



EARLIER CATALOGUE · 16

FM503

Rubber Bellow Seals - FM503

Seal Characteristics

RUBBER BELLOW SEALS SERIES FMS503 A rubber bellow mechanical seal created using a rubber bellow is highly effective for water, oils, and light duties applications. This seal is single-acting and independent of the direction of rotation. The rubber bellow seals manufactured by Flow Make Seals, the leading Rubber Bellow Seals manufacturer in Mumbai , constitute a unique rubber bellow in the form of an inferior seal. Its self-aligning features help you to adjust the irregular shaft and even run out to provide long service life. This way, our seals tend to protect the shaft or sleeve from fretting. We also use distinctive materials on the bellow type mechanical seal to meet the requirements of our customers. As a Rubber Bellow Seals manufacturer in Mumbai , we build our seals in a way that enables our customers to use them in a variety of ways. Using our rubber bellow seals can help you in enjoying several benefits: It is cost-effective. Do not have a sliding elastomer or O-ring. It means that you do not have to hang up anything on the shaft. Since there is no measurement required to set or make screws to tighten the shaft, it makes the installation process effortless for you. The designs are sited either next to the shoulder of the shaft or linked to the shoulder cast into the impeller. Therefore, you can push it onto the shoulder quite easily. Features: The rubber bellow seals comprise the following features: Compact Design makes it mounted effortlessly Provides high-degree of axial flexibility Has unique rubber bellow secondary seals The driving torque perfectly fits on the shafts No bonded joints Interchangeable face materials Eliminate the need for modifying dimensions. Applications: This bellow type mechanical seal is useful in : Sewage applications Wastewater pumps Submersible pumps Fuel Injection pumps Hot & Cold water pumps Materials Used: The materials used for making this rubber bellow mechanical seal are: FACES - Carbon vs Ceramic, silicon, TC SEAT FACES - NiR, Ceramic, SiC, TC ELASTOMER - Viton, Neoprene, EPDM, NBR, Buna-N MOC - SS 304 and SS 316



EARLIER CATALOGUE · 17

FMS502

Rubber Bellow Seals - FMS502

Seal Characteristics

RUBBER BELLOW SEALS SERIES FMS501 A rubber bellow mechanical seal created using a rubber bellow is highly effective for water, oils, and light duties applications. This seal is single-acting and independent of the direction of rotation. The rubber bellow seals manufactured by Flow Make Seals, the leading Rubber Bellow Seals manufacturer in Mumbai , constitute a unique rubber bellow in the form of an inferior seal. Its self-aligning features help you to adjust the irregular shaft and even run out to provide long service life. This way, our seals tend to protect the shaft or sleeve from fretting. We also use distinctive materials on the bellow type mechanical seal to meet the requirements of our customers. As a Rubber Bellow Seals manufacturer in Mumbai , we build our seals in a way that enables our customers to use them in a variety of ways. Using our rubber bellow seals can help you in enjoying several benefits: It is cost-effective. Do not have a sliding elastomer or O-ring. It means that you do not have to hang up anything on the shaft. Since there is no measurement required to set or make screws to tighten the shaft, it makes the installation process effortless for you. The designs are sited either next to the shoulder of the shaft or linked to the shoulder cast into the impeller. Therefore, you can push it onto the shoulder quite easily. Features: The rubber bellow seals comprise the following features: Compact Design makes it mounted effortlessly Provides high-degree of axial flexibility Has unique rubber bellow secondary seals The driving torque perfectly fits on the shafts No bonded joints Interchangeable face materials Eliminate the need for modifying dimensions. Applications: This bellow type mechanical seal is useful in : Sewage applications Wastewater pumps Submersible pumps Fuel Injection pumps Hot & Cold water pumps Materials Used: The materials used for making this rubber bellow mechanical seal are: FACES - Carbon vs Ceramic, silicon, TC SEAT FACES - NiR, Ceramic, SiC, TC ELASTOMER - Viton, Neoprene, EPDM, NBR, Buna-N MOC - SS 304 and SS 316



EARLIER CATALOGUE · 18

FMS701

Tefflon Bellow Seals - FMS701

Seal Characteristics

TEFFLON BELLOW SEALS Series FMS701 Tefflon bellow seals are designed to handle highly corrosive liquids, including concentrated acids, salts, sturdy oxidizing. This beautifully made bellow mechanical seal also helps in reducing the agents and chemically active organic compounds. Flow Make Seals, the Tefflon bellow seals manufacturer in Mumbai offer bellow mechanical , mounted outside using a simple installation procedure. That is why it is cost-effective for corrosive media sealing. This fixed and replaceable bellow mechanical seal improves your life thoroughly. We, at Flow Make Seal, provide a wide range of tefflon bellow seals that are corrosive-resistance, trouble-free, low maintenance, as well as fine polished. Our bellow mechanical is broadly used by a large number of industry experts. We also help our clients by offering them installation and repairing services. This high quality, mechanically sturdy, and competitively priced tefflon bellow mechanical seal is approved by professionals having extensive knowledge in the respective field. Every unit is managed by our dedicated team of experts within recommended guidelines. Moreover, as a Tefflon bellow seals manufacturer in Mumbai , we use cutting-edge technology and a modern set of machinery and even conduct a stringent quality check at multiple stages of production, designing, assembling, and finishing. Hence, you can rest assured with our qualified products you can use since we are committed to providing you with the best product we possibly can. Features: Flow Make Seal provides the tefflon bellow mechanical seal whose features are: Single Seal Pusher Type Unbalanced Cost-effective Independent to the direction of rotation External mounted Rotary single spring type Application: It is used for handling extensive corrosive liquids, pharmaceuticals, medical, chemical, acids, and allied industries, etc. Materials Used: Materials used for designing tefflon bellow seals are: FACES - GFT/CFT (Highly flexible composite mold), Ceramic, Silicon Carbide ELASTOMERS- PTFE HARDWARE - SS-316, Hastelloy-C, Alloy-20, Titanium Operating Limits: SHAFT DIAMETER - 18-100mm PRESSURE : Maximum 5 bars TEMPERATURE - -20 to 180 degrees celsius VELOCITY - 25 m/sec



EARLIER CATALOGUE · 19

FMS702

Teflon Bellow Seals - FMS702

Seal Characteristics

TEFFLON BELLOW SEALS Series FMS702 Teflon bellow seals are designed to handle highly corrosive liquids, including concentrated acids, salts, sturdy oxidizing. This beautifully made bellow mechanical seal also helps in reducing the agents and chemically active organic compounds. Flow Make Seals, the Teflon bellow seals manufacturer in Mumbai offer bellow mechanical, mounted outside using a simple installation procedure. That is why it is cost-effective for corrosive media sealing. This fixed and replaceable bellow mechanical seal improves your life thoroughly. We, at Flow Make Seal, provide a wide range of teflon bellow seals that are corrosive-resistance, trouble-free, low maintenance, as well as fine polished. Our bellow mechanical is broadly used by a large number of industry experts. We also help our clients by offering them installation and repairing services. This high quality, mechanically sturdy, and competitively priced teflon bellow mechanical seal is approved by professionals having extensive knowledge in the respective field. Every unit is managed by our dedicated team of experts within recommended guidelines. Moreover, as a Teflon bellow seals manufacturer in Mumbai, we use cutting-edge technology and a modern set of machinery and even conduct a stringent quality check at multiple stages of production, designing, assembling, and finishing. Hence, you can rest assured with our qualified products you can use since we are committed to providing you with the best product we possibly can. Features: Flow Make Seal provides the teflon bellow mechanical seal whose features are: Single Seal Pusher Type Unbalanced Cost-effective Independent to the direction of rotation External mounted Rotary single spring type Application: It is used for handling extensive corrosive liquids, pharmaceuticals, medical, chemical, acids, and allied industries, etc. Materials Used: Materials used for designing teflon bellow seals are: FACES - GFT/CFT (Highly flexible composite mold), Ceramic, Silicon Carbide ELASTOMERS- PTFE HARDWARE - SS-316, Hastelloy-C, Alloy-20, Titanium Operating Limits: SHAFT DIAMETER - 18-100mm PRESSURE : Maximum 5 bars TEMPERATURE - -20 to 180 degrees celsius VELOCITY - 25 m/sec



EARLIER CATALOGUE · 20

FMS703

Teflon Bellow Seals -FMS703

Seal Characteristics

Teflon Bellow Seals Series FMS703 Flow Make Seals, the Manufacturer of Teflon Bellow Seal in Mumbai, provides you with a Teflon Bellow Seal that is manufactured to handle highly corrosive liquids that include concentrated acids, salts, and solid oxidation. This seal also helps in minimizing the agents and chemically active compounds. It is mounted externally to deliver easy installation. This way, you can save a lot of your time. Moreover, since it is fixed and replaceable, it is capable of enhancing your quality of life too. The materials used for building these seals are non-corrosive, trouble resistant, low maintenance, as well as polished finely. They are even approved by our highly knowledgeable group of professionals. Our dedicated team manages every unit of this seal within the industry-recommended guidelines. They use leading-edge technology and a modern set of machinery and even conduct rigorous checking at the production, designing, assembling, and finishing stages. You can feel relaxed as the seals that we provide are manufactured in compliance with global quality standards. So, the product you will acquire is high-quality, mechanically solid, and competitively priced. Hence, you can obtain our seals and enjoy the benefits of our installation and repair services. After all, we work just to provide our customers the satisfaction from the products they want. Features: We, Flow Make Seals, the leading Manufacturer of Teflon Bellow Seal in Mumbai, provides you with a Teflon Bellow Seal whose features are given below: Single Seal and Pusher Type External Mounted Independent to the direction of rotation Cost-efficient Unbalanced Application: These seals are highly suitable for handling considerable corrosive liquids, pharmaceuticals, medicals, chemicals, acids, and allied industries. Materials Used: The materials used for manufacturing Teflon Bellow Seal are: FACES - GFT/CFT (Highly flexible composite mold), Ceramic, Silicon Carbide ELASTOMERS- PTFE HARDWARE - SS-316, Hastelloy-C, Alloy-20, Titanium



LET'S DISCUSS YOUR APPLICATION

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Multi Spring -FM404

MODEL FMS404

Preserved product information from the earlier Flowmake website catalogue.



Product image

Seal Characteristics

MULTI SPRING PUMP SEALS SERIES FM404 A multi spring seal is manufactured for universal high-pressure applications. They have a compact design, which makes them suitable for all types of Centrifugal pump usage. From retainer shell to seal ring, the torque transmission is performed through drive lugs. The entire components of this multi spring mechanical seal are connected with a snap ring that makes the installation and removal process effortless. Moreover, you can change the parts too. Therefore, it is one of the most ideal products for stock realization. Our mechanical seal multi spring is factory assembled and dynamically tested. Our product has very solid properties like corrosive resistance, hassle-free activity, low maintenance, and fine fishing. Each component and equipment used in the spring mechanical seal is approved by highly knowledgeable professionals. Moreover, every unit of Flow Make Seals is managed by our team of expert professionals who produce the mechanical seal multi spring by the following industry recommended guidelines. Since we conduct stringent quality checks at multiple stages of production, designing, assembling, and finishing, you will acquire mechanically sound and competitively priced products. So, feel free to place your order for a high-quality multi spring seal at Flow Make Seals today! Features: The multi spring seal offers the following features: Single seal Pusher type Balance type Rotating spring Multi spring type Internal & External mounted Independent of direction of rotation Highly compact design Application: The multi spring mechanical seal is applied for clear, lubricating, non-corrosive liquids, General chemicals, Petrochemicals, and Refinery Services. Materials Used: The materials used for producing this spring mechanical seal are: FACES- Carbon, Ceramic, Lacroloy, Silicon Carbide, and Tungsten Carbide ELASTOMER- Nitrile (NBR), Viton (FKM), EPDM, Aflas, PTFE, TTV, Kalrez (FFKM) HARDWARE- SS 304, SS 316, Hastelloy-C, Alloy-20, Monel, Titanium

Multi Spring -FM405

MODEL FMS405

Preserved product information from the earlier Flowmake website catalogue.



Product image

Seal Characteristics

MULTI SPRING PUMP SEALS SERIES FM405 A multi spring seal is manufactured for universal high-pressure applications. They have a compact design, which makes them suitable for all types of Centrifugal pump usage. From retainer shell to seal ring, the torque transmission is performed through drive lugs. The entire components of this multi spring mechanical seal are connected with a snap ring that makes the installation and removal process effortless. Moreover, you can change the parts too. Therefore, it is one of the most ideal products for stock realization. Our mechanical seal multi spring is factory assembled and dynamically tested. Our product has very solid properties like corrosive resistance, hassle-free activity, low maintenance, and fine fishing. Each component and equipment used in the spring mechanical seal is approved by highly knowledgeable professionals. Moreover, every unit of Flow Make Seals is managed by our team of expert professionals who produce the mechanical seal multi spring by the following industry recommended guidelines. Since we conduct stringent quality checks at multiple stages of production, designing, assembling, and finishing, you will acquire mechanically sound and competitively priced products. So, feel free to place your order for a high-quality multi spring seal at Flow Make Seals today! Features: The multi spring seal offers the following features: Single seal Pusher type Balance type Rotating spring Multi spring type Internal & External mounted Independent of direction of rotation Highly compact design Application: The multi spring mechanical seal is applied for clear, lubricating, non-corrosive liquids, General chemicals, Petrochemicals, and Refinery Services. Materials Used: The materials used for producing this spring mechanical seal are: FACES- Carbon, Ceramic, Lacroloy, Silicon Carbide, and Tungsten Carbide ELASTOMER- Nitrile (NBR), Viton (FKM), EPDM, Aflas, PTFE, TTV, Kalrez (FFKM) HARDWARE- SS 304, SS 316, Hastelloy-C, Alloy-20, Monel, Titanium

Multi Spring -FM406

MODEL FMS406

Preserved product information from the earlier Flowmake website catalogue.



Product image

Seal Characteristics

MULTI SPRING PUMP SEALS SERIES FMS406 A multi spring seal is manufactured for universal high-pressure applications. They have a compact design, which makes them suitable for all types of Centrifugal pump usage. From retainer shell to seal ring, the torque transmission is performed through drive lugs. The entire components of this multi spring mechanical seal are connected with a snap ring that makes the installation and removal process effortless. Moreover, you can change the parts too. Therefore, it is one of the most ideal products for stock realization. Our mechanical seal multi spring is factory assembled and dynamically tested. Our product has very solid properties like corrosive resistance, hassle-free activity, low maintenance, and fine fishing. Each component and equipment used in the spring mechanical seal is approved by highly knowledgeable professionals. Moreover, every unit of Flow Make Seals is managed by our team of expert professionals who produce the mechanical seal multi spring by the following industry recommended guidelines. Since we conduct stringent quality checks at multiple stages of production, designing, assembling, and finishing, you will acquire mechanically sound and competitively priced products. So, feel free to place your order for a high-quality multi spring seal at Flow Make Seals today!

Features: The multi spring seal offers the following features: Single seal Pusher type Balance type Rotating spring Multi spring type Internal & External mounted Independent of direction of rotation Highly compact design

Application: The multi spring mechanical seal is applied for clear, lubricating, non-corrosive liquids, General chemicals, Petrochemicals, and Refinery Services.

Materials Used: The materials used for producing this spring mechanical seal are: **FACES-** Carbon, Ceramic, Lacroloy, Silicon Carbide, and Tungsten Carbide **ELASTOMER-** Nitrile (NBR), Viton (FKM), EPDM, Aflas, PTFE, TTV, Kalrez (FFKM) **HARDWARE-** SS 304, SS 316, Hastelloy-C, Alloy-20, Monel, Titanium