

VAMECH SEALS - MECHANICAL SEALS - SINGLE SPRING SEALS

This is VAMECH Design Seal. VAMECH Make Seal US-1 is excellent mono coil design for wide range of application Rotary faces are available in material like Silicon carbide, Tungston carbide, Ceramic, Stellite also coated Ceramic (Cr203, Al203, Zr02) etc. This seal unavailable in Balance/Unbalance design anchor With various secondary seals Viz. Viton, Nitrite, Kalrez, PTFE, Graphite etc 1 is non-clogging seals. It takes care of higher shaft fretting.

Application Range

Temperature : — 40° C to 250° C.

Velocity : Up to 20 Mts. /Second.

Pressure : 15 Kg / Cm² for Unbalanced.

35 Kg / Cm² for Balanced.

Application in : High viscosity liquid, Liquid with solid particle, Abrasive etc.



This is VAMECH Design Seal. It is with single coil conical spring With high friction lung drive. Springs are provided with various shape tang drive to suit pump design. There is no fasteners to fit the seal. Seal faces are available in various combination & shape. This seal is available in Unbalance design with various secondary seals Viz. Viton, Nitrite, RIFE, Graphite etc. It is unidirectional seal, easy to install. It is easy to ht in small stuffing box.

Application Range

Temperature : — 40° C to 250° C.

Velocity : Up to 20 Mts. / Second.

Pressure : Up to 15 Kg / Cm²

Application in : Various type of Oil, Solvents, Chemicals, Food, Dairy etc.

This is VAMECH Design Seal, Bi-directional, Single coil, Positive drive seal. Ideal for textile processing machines. This seal is available in any face combination and shape. Secondary seals are in various shape & material to suit application. It is suitable for bi-direction pump with high initial torque and where liquid solidify at room temperature.

Application Range

Temperature : — 40°C to 250°C.

Velocity : Up 10 20 Mts. / Second.

Pressure : Up to 15 Kg / Cm²

Application in : Jet dyeing machines with chemicals like Alkali, Acids, Dyes etc.



This is VAMECH Design Seal. Single coil, Bi-directional seal, Ideal for any bi-directional pump. This seal is available in any face combination. Stationary and Rotary faces are available in any shape and size for direct replacement. This seal is available in Balance/Unbalance design and/or with various secondary seals Viz. Won, Nitrite, Kalrez, PTFE, Graphite etc. It is bi-directional seal, easy to install. It is short operating length seal. It is suitable for high initial driving torque and liquid solidify at room temperature.

Application Range

Temperature : — 40°C to 250° C.

Velocity : Up to 20.Mts. / Second.

Pressure : 15 Kg / Cm² for Unbalanced.

35 Kg / Cm² for Balanced.

Application in High viscosity liquid, Liquid with solid particle, Abrasive etc.

Construction of seal

Face Seal : Carbon, Lecrolloy, Silicon Carbide, Ceramic (99.5%), Tungsten Carbide

Metal Parts : SS 316, SS 304

Secondary seal : Neoprene, Nitrile, EPR, PTFE, viton® 'O' Rings.

Operating Limits

Pressure : 10 bar /35 bar

Temperature : -60 ... +260°C

Shaft speed : 3600 RPM

Seal Characteristics

Easy to install and operate

Easy to replace individual seal-wear parts

Competitive price

Unbalanced

Single acting

Inside mounted

Independent of Direction of Rotation

Applications

General chemicals

Suspended Solid Slurry

Crystallizing Slurry

Saturated Chemical Slurry



VAMECH SEALS - MECHANICAL SEALS - MULTI SPRING SEALS



Multi Spring seal is using all type of Centrifugal pump and controlling of Leakages. Multi Spring Seal is using all type of Clear media application.

Water, sea water, temperature water, pharmaceuticals, petrochemicals and etc.

Temperature : -40°C to 250°C .

Velocity : Up to 20.Mts. / Second.

Pressure : 15 Kg/Cm^2 for Unbalanced.

35 Kg/Cm^2 for Balanced.

Application in High viscosity liquid, Liquid with solid particle.

Abrasive etc.

VAMECH Make Seal design, Rotary face is generally hard face. Viz. Silicon carbide, Tungsten carbide, Ceramic, Stellite, Coated Ceramic (Al_2O_3 , Cr_2O_3 , ZrO_2), Hard SS also Carbon.

Multi Spring design seal, Stationary face is usually Carbon fitted in Gland with one or two 'O' rings. This seal is available in Unbalance! Balance design and / or with various secondary seals Viz. Viton, Nitrite, Kalrez, PTFE, Graphite etc.

Application Range

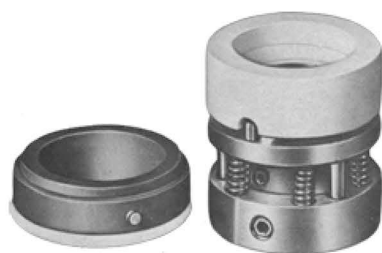
Temperature : -40°C to 250°C .

Velocity : Up 10 20 Mts. / Second.

Pressure : 15 Kg/Cm^2 for Unbalanced.

35 Kg/Cm^2 for Balanced.

Application in : Chemicals, Hydrocarbons, Solvents. Petrochemicals etc.



VAMECH-Seal, It is like type 10 seal with little design modification. Major parts are interchangeable with other Leading mechanical seals manufacturer's seal. This seal is also available in Unbalance/Balance and/or with various secondary seals Viz. Viton, Nitrite, Kalrez, PTFE, Graphite etc.

Application Range

Temperature : -40°C to 250°C .

Velocity : Up to 20 Mts. / Second.

Pressure : Up to 15 Kg/Cm^2 for Unbalanced. 35 Kg/Cm^2 for Balanced.

Application in : Chemicals, Hydrocarbons. Solvents, Petrochemicals etc.

VAMECH-Seal, Carbon is Rotary face with Lug drive. Stationary faces are available in various shape to fit in Gland. Viz. Silicon Carbide, Tungeston Carbide, Ceramic, Stellite, Hard SS, Coated Ceramic (Al_2O_3 , Cr_2O , ZrO_2) etc.

This seal is also available in Unbalance/Balance and/or with various secondary seals Viz. Viton, Nitrite, Kalrez, PTFE, Graphite etc.

Application Range

Temperature : -40°C to 250°C .

Velocity : Up 10 20 Mts. 1 Second.

Pressure : 15 Kg/Cm^2 for Unbalanced. 35 Kg 1 Cm for Balanced.

Application in : Chemicals. Hydrocarbons, Solvents, Petrochemicals etc.



VAMECH Make, Carbon is Rotary face with Lug drive. Stationary faces are available in various shape to fit in Gland. It replaces other leading mechanical seal manufacturer's make stationary faces without any design modification. This seal is available in Unbalance/Balance and/or with various secondary seats Viz. Viton, Nitrite, Kalrez, PIPE, Graphite etc.

Application Range

Temperature : -40°C to 250°C .

Velocity : Up 10 20 Mts. / Second.

Pressure : 15 Kg/Cm^2 for Unbalanced.

35 Kg I OV for Balanced.

Application in : Chemicals, Hydrocarbons, Solvents, Petrochemicals etc.

VAMECH SEALS - MECHANICAL SEALS - TEFLON BELLOWS SEALS

Construction of seal

Face Seal : Carbon, Silicon Carbide, GFT, Ceramic
Metal Parts : SS 316, SS 304, HVMSelloy-C
Secondary seal : PTFE Bellows
Spring :- HVMSelloy-C, Teflon Covered Spring Steel

Operating Limits

Pressure : 5 BAR / 10 BAR
Temperature : -30. 120°C
Shaft speed : 1400 RPM

Seal Characteristics

Easy to install and operate
Easy to replace individual seal-wear parts
Separate from the bellows assembly.
Single acting /Balanced
Single helical coil spring
Independent of Direction of Rotation

Applications

Corrosive Chemicals
Salt organic compound



VAMECH Make Seal. It is PTFE construction. bellow is made from composite PTFE and Glass filled FIFE. Both ends are filled with Glass for better strength & seal face wear. It is with replaceable face seal Faces can be Silicon carbide, Tungeslon carbide, Carbon and Glass filled FIFE (GFT) and Ceramic. All wet parts are non-metallic. The stationary face is clamped type High purity Ceramic. It is externally fitted seal.

Application Flange

Temperature : Up to 90° C.
Velocity : Up to 14 Mts. / Second.
Pressure : Up to 3 Kg / Cm²
Application in : Highly corrosive liquid with abrasive particles. Silicon carbide & Tungsten carbide (Ni-bound) faces are provided for corrosive-Slurry application.

VAMECH Make Seal. It is PTFE + GFT construction. Bellow is made from composite PTFE and Glass filled PTFE. Both ends are filled with Glass for better strength & seal face wear. It is direct drive seal No replaceable faces. Rotary face GFT as an integral part of bellow. All wet parts are non-metallic. The stationary face is clamped type High purity Ceramic. It is externally fitted seal.

Application Range

Temperature : Up to 90°C.
Velocity : Up to 14 Mts. /Second.
Pressure : Up to 3 Kg / Cm²
Application in : Highly corrosive liquid



VAMECH SEALS - MECHANICAL SEALS - METALIC BELLOWS SEALS

VAMECH Seals offer a wide range of mechanical seals and spares that find application in sugar industries, solvent & oil refinery food industry, milk dairies, chemicals industry, distilleries and other process industries. These products can be availed in different sizes and speed rates.

Operating Conditions

Medium: Oil, Water, Chemical solvents, Acid, Alkali and other liquid.

Size: 20mm~120mm

Pressure: $\leq 4.0\text{Mpa}$

Temperature: $-75^{\circ}\text{C}\sim 400^{\circ}\text{C}$

Speed: $\leq 30\text{m/s}$

Size : 12mm to 110mm

Vamech make metal bellow seal adapted for very high or very low temperatures and all applications where elastomer or PTFE gaskets are inefficient.

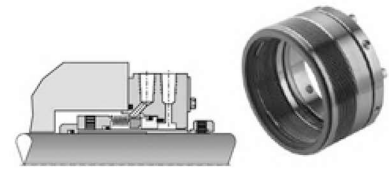
VM-MBA-01



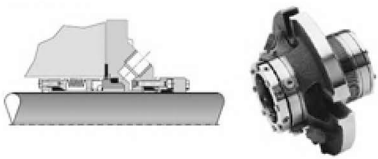
VM-MBS



VM-MBSL



VM-MBCTS



VAMECH SEALS - MECHANICAL SEALS - RUBBER BELLOWS SEALS

We are manufacturing all type of **Rubber bellow seal** which is used in Centrifugal Pumps and rotating equipments.

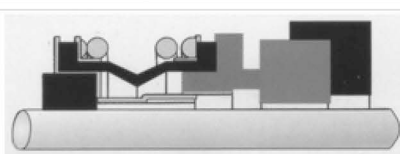
Rubber bellow seal is available in all type of Rubber bellow, Viton Bellow and Natural Rubber etc.

Rubber bellow seal is highly used in water transfer applications.

All seals are designed as per your technical details and liquid nature, We are Manufacturing **Double Mechanical Seal, Single Mechanical Seal, Bellow Seal, Balance Seal, Metal Bellow Seal, Blower Seal, Agitator Seal, Cartridge Seal** and etc.

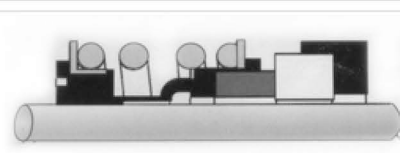


VMS - 0 - 201



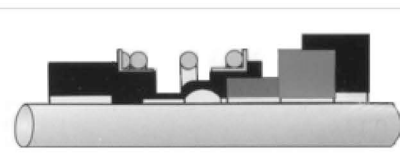
- Application** : Water, Sewage, Oil Pump, Generators, Muddy Water.
- Features** : Internal mounting, Single acting, Independent of direction of rotation.
- Operating Conditions** : Temperature : Upto 200° C
- Pressure** : Upto 10 Bars
- Available Size** : 10 mm to 40 mm

VMS - M - 202



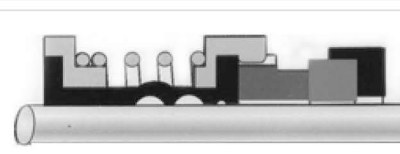
- Application** : Sewage Service, Water, Light Chemicals.
- Features** : Internal mounting, Single acting, Independent of direction of rotation.
- Operating Conditions** : Temperature : Upto 200° C
- Pressure** : Upto 10 Bars
- Available Size** : 12 mm to 90 mm

VMS - ME - 202



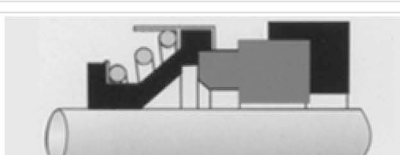
- Application** : Sewage, Water, Light Chemicals.
- Features** : Internal mounting, Same as per type VMS-M-202. Extended Elastometer Bellow, Independent of direction of rotation.
- Operating Conditions** : Temperature : Upto 200° C
- Pressure** : Upto 10 Bars
- Available Size** : Upto 32 mm

VMS - E - 203



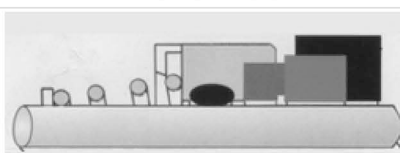
- Application** : Electroplating, Light Acids.
- Features** : Single acting, Independent of direction of rotation.
- Operating Conditions** : Temperature : Upto 70° C
- Pressure** : Upto 7 Bars
- Available Size** : 1"

VMS - C - 301



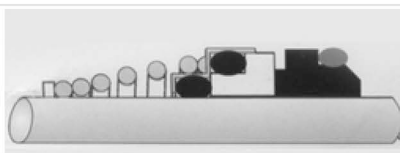
- Application** : Water, Muddy Water Et Used where space restriction is there.
- Features** : Internal mounting, Single acting, Independent of direction of rotation.
- Operating Conditions** : Temperature : Upto 200° C
- Pressure** : Upto 10 Bars
- Available Size** : 10 mm to 45 mm

VMS - JC - 304



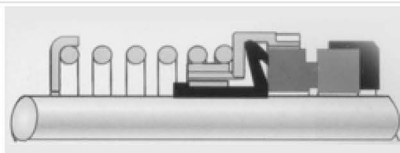
- Application** : Water, Light Chemicals, Viscous Fluids, Mixed Fluids.
- Features** : Single acting, Dependent of direction of rotation.
- Operating Conditions** : Temperature : Upto 200° C
- Pressure** : Upto 10 Bars
- Available Size** : Upto 100 mm

VMS - JC - 305



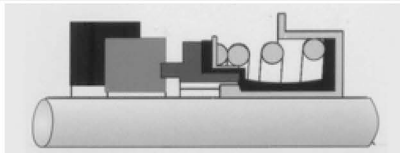
- Application** : Water, Light Chemicals, Viscous Fluids.
- Features** : Single Action, Depended on direction of rotation.
- Operating Conditions** : Temperature : Upt0 150°C
- Pressure** : Upto 10 Bars
- Available Size** : Upto 50 mm

VMS - R - 401



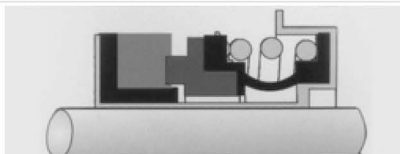
- Application** : Water, Stems, Light Chemicals, Solvents.
- Features** : Single acting, Dependent on direction of rotation.
- Operating Conditions** : Temperature : Upto 200° C
- Pressure** : Upto 7 Bars
- Available Size** : Upto 75 mm

VMS - H - 101



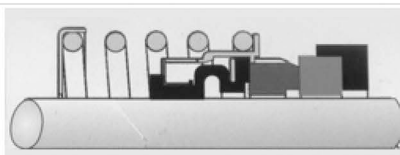
- Application** : Generators, Oil, Engines, Hydraulic Liquids.
- Features** : Single acting, Independent of direction of rotation.
- Operating Conditions** : Temperature : Upto 200° C
- Pressure** : Upto 10 Bars
- Available Size** : 1/2", 5/8", 3/4", 1", 1 1/4"

VMS - AH - 102



- Application** : Automobiles
- Features** : Single acting, Independent on direction of rotation.
- Operating Conditions** : Temperature : Upto 120° C
- Pressure** : Upto 7 Bars
- Available Size** : As required

VMS - AH - 402



- Application** : Water, Chemicals, Gas, Solvents.
- Features** : Single Action, Depended on direction of rotation.
- Operating Conditions** : Temperature : Upt0 200° C
- Pressure** : Upto 10 Bars
- Available Size** : Upto 60 mm

AMECH SEALS - MECHANICAL SEALS - WATER APPLICATION SEALS

We are manufacturing all type of **Rubber bellow seal** which is used in Centrifugal Pumps and rotating equipments.

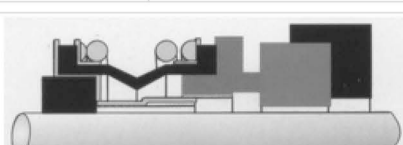
Rubber bellow seal is available in all type of Rubber bellow, Viton Bellow and Natural Rubber etc.

Rubber bellow seal is highly used in water transfer applications.

All seals are designed as per your technical details and liquid nature, We are Manufacturing **Double Mechanical Seal, Single Mechanical Seal, Bellow Seal, Balance Seal, Metal Bellow Seal, Blower Seal, Agitator Seal, Cartridge Seal** and etc.



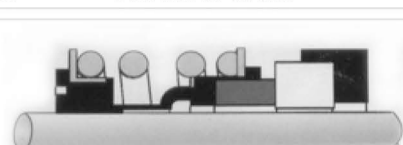
VMS - 0 - 201



Application : Water, Sewage, Oil Pump, Generators, Muddy Water.
Features : Internal mounting, Single acting, Independent of direction of rotation.
Operating Conditions : Temperature : Upto 200° C
Pressure : Upto 10 Bars
Available Size : 10 mm to 40 mm



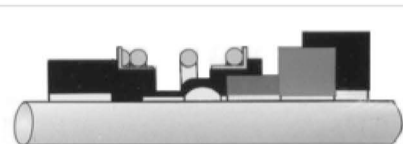
VMS - M - 202



Application : Sewage Service, Water, Light Chemicals.
Features : Internal mounting, Single acting, Independent of direction of rotation.
Operating Conditions : Temperature : Upto 200° C
Pressure : Upto 10 Bars
Available Size : 12 mm to 90 mm



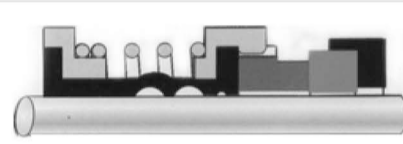
VMS - ME - 202



Application : Sewage, Water, Light Chemicals.
Features : Internal mounting, Same as per type VMS-M-202. Extended Elastometer Bellow, Independent of direction of rotation.
Operating Conditions : Temperature : Upto 200° C
Pressure : Upto 10 Bars
Available Size : Upto 32 mm



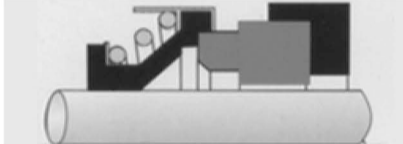
VMS - E - 203



Application : Electroplating, Light Acids.
Features : Single acting, Independent of direction of rotation.
Operating Conditions : Temperature : Upto 70° C
Pressure : Upto 7 Bars
Available Size : 1"



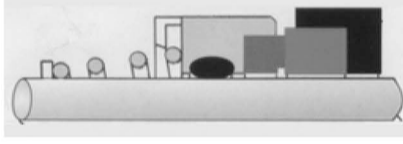
VMS - C - 301



Application : Water, Muddy Water Et Used where space restriction is there.
Features : Internal mounting, Single acting, Independent of direction of rotation.
Operating Conditions : Temperature : Upto 200° C
Pressure : Upto 10 Bars
Available Size : 10 mm to 45 mm



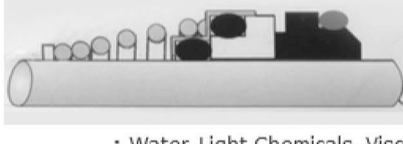
VMS - JC - 304



Application : Water, Light Chemicals, Viscous Fluids, Mixed Fluids.
Features : Single acting, Dependent of direction of rotation.
Operating Conditions : Temperature : Upto 200° C
Pressure : Upto 10 Bars
Available Size : Upto 100 mm



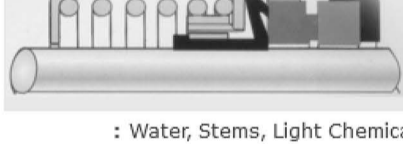
VMS - JC - 305



Application : Water, Light Chemicals, Viscous Fluids.
Features : Single Action, Depended on direction of rotation.
Operating Conditions : Temperature : Upto 150°C
Pressure : Upto 10 Bars
Available Size : Upto 50 mm



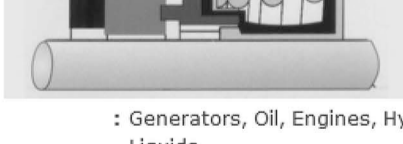
VMS - R - 401



Application : Water, Stems, Light Chemicals, Solvents.
Features : Single acting, Dependent on direction of rotation.
Operating Conditions : Temperature : Upto 200° C
Pressure : Upto 7 Bars
Available Size : Upto 75 mm



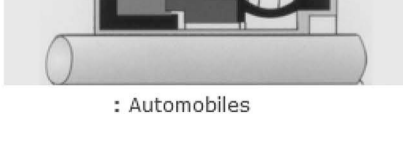
VMS - H - 101



Application : Generators, Oil, Engines, Hydraulic Liquids.
Features : Single acting, Independent of direction of rotation.
Operating Conditions : Temperature : Upto 200° C
Pressure : Upto 10 Bars
Available Size : 1/2", 5/8", 3/4", 1", 1 1/4"



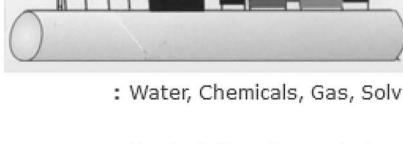
VMS - AH - 102



Application : Automobiles
Features : Single acting, Independent on direction of rotation.
Operating Conditions : Temperature : Upto 120° C
Pressure : Upto 7 Bars
Available Size : As required



VMS - AH - 402



Application : Water, Chemicals, Gas, Solvents.
Features : Single Action, Depended on direction of rotation.
Operating Conditions : Temperature : Upto 200° C
Pressure : Upto 10 Bars
Available Size : Upto 60 mm

Construction of seal

Face Seal : Carbon, Tungsten Carbide, Silicon Carbide, Ceramic, Lecrrolley

Metal Parts : SS316, SS304, Hastalloy-C, Hastalloy-B, Monel, Alloy-20

Secondary seal : Viton®, TCV, Kalrez, FEP, PTFE, GFT

Operating Limits

Pressure : Vacuum 10 to 35 bar

Temperature : Amb...+280 °C

Shaft speed : 60 to 450 rpm. (max)

Seal Characteristics

Easy to install and operate

Easy to replace individual seal-wear parts

Competitive price

Balanced/Unbalanced/Reverse Balanced.

Single/Double acting Back to Back Seals.

Independent of direction of rotation

Operated with pressurized barrier & buffer fluid

Outside Mounted & Cartridge unit.

Applications

General Light Chemicals

Petrochemicals and its vapors

Light hydrocarbons and its vapors

Food and Pharma Product

Corrosive Chemicals

Double Mechanical Seal with cartridge Assembly (Full And Half Sleeve)



This is VAMECH Design Seal. It is a cartridge to slide on shaft This assembly consists of double Mechanical seals. Sleeve, bearing, flushing and jacket cooling arrangement. All wet parts are in SS 316 construction. Assembly can be provided with thermo syphon system for continuous cooling to seal faces with compatible flushing



Application Range

Temperature : 250° C.

Velocity : Up to 10 Mts. / Second.

Pressure : Up to 15 Kg / Cm²

Application in : Agitators, Vessels, Autoclave, Mixers etc.

Dry Mechanical Seal

We offer a wide range of mechanical seals and spares that find application in sugar industries, solvent & oil refinery food industry, milk dairies, chemicals industry, distilleries and other process industries. These products can be available in different sizes and speed rates.

Operating Conditions :

Pressure : 10 bar

Velocity : 25 m/s

Shaft Diameter : 25 to 150 mm

Temperature : (-35) to 300° C

Axial Movement : ± 1mm

Size : 12mm to 210mm

These Agitator Seals are made using premium quality raw material that supports us to ensure their durability to the clients.



VAMECH SEALS - GRUNDFOS PUMP SEALS

Grundfos is one of the famous pump manufacturers at the world, grundfos pump are used widely all over the world at many industry.

Those mechanical seal we supply are oem parts of grundfos, completely interchangeable with original seal in similar quality but much cheaper price.



VAMECH SEALS - MECHANICAL SEALS - 502 Type Mechanical Seals

502 type mechanicals Seals



Application : Water, Sewage, Oil Pump, Generators, Muddy Water.

Features : Internal mounting, Single acting, Independent of direction of rotation.

Operating Conditions : Temperature : Upto 200° C

Pressure : Upto 10 Bars

Available Size : 10 mm to 40 mm

VAMECH SEALS - MECHANICAL SEALS - WAVE SPRING SEALS

Wave spring mechanical seal type VMS- 3 is very similar to seal types VMS - 1 and VMS - 2. Main difference is the wave spring instead of multiple springs or single spring. Reason is usage in high viscosity media or media containing solids. Mechanical seal design with wave spring prevents sticking and blocking of small multiple springs. Another advantage of wave springs is more uniform force on the seal face. A steep characteristics curve makes wave springs more sensitive and allow small axial space requirements.

Face materials :

- carbon-graphite
- Cr - steel
- Cr - Ni steel
- Cr - Ni steel hard faced
- Tungsten Carbide
- Silicon Carbide
- alumina (Al₂O₃)

Operating limits :

- p = 16 bar
- t = -40 ... 220°C
- v = 20 m/s



VMS - WAVE SPRING SEALS

This Type Of Multi Wave Spring Unbalanced Seal Is Widely Used In Oil Refineries, Slurry Pump, Viscous Application, High Pressure Pump, Hot Oil Application, Nuclear Plant, Petrochemical Plants.

MATERIAL OF CONSTRUCTION

1. Seals Faces --- Carbon / T.C./ Sic Vs Sic/ Tc / Ceramic / Stellite
2. Secondary Seals ---- Viton / Epdm/ Ptfе/ Gft
3. Metal Parts -- S.S.316 , Alloy 20 , Hast-Alloy

OPERATING LIMITS

1. Shaft Dia --- 12 Mm TO 150 Mm
2. Pressure --- 30 Bar
3. Temp ----- 20 To 330 Deg. C

VMS - MNS WAVE SPRING SEALS

This Type Of Wave Spring Unbalanced Seal Is Widely Used In High Pressure Pump, Hot Sic/Tc/Ceramic/Stellite Oil Application, Nuclear Plant, Petrochemical Plants, Viscous Fluid, Slurry Application, Starch Application.

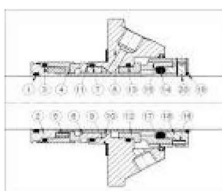
MATERIAL OF CONSTRUCTION

1. Seals Faces --- Carbon / Sic Vs Sic/ Tc / Ceramic / Stellite
2. Secondary Seals ---- Viton / Ptfе/ Gft
3. Metal Parts -- S.S.316 , Alloy 20 , Hast-Alloy

OPERATING LIMITS

1. Shaft Dia --- 30 Mm TO 150 Mm
2. Pressure --- 25 Bar
3. Temp ----- 20 To 250 Deg. C





Vamech Make Mechanical Seal This company produces all kinds of mechanical seals used for chemical industry pumps and slag slurry pumps, a variety of mechanical seals used for reaction kettles and stirrers and other nonstandard seals.

Cartridge mechanical seal/pumps-max. 120 °C, max. CTR-VS-520

Vamech Seals Type 520 slurry single-cartridge seals feature a heavy-duty design, while still being a cost effective choice. They perfectly answer volume requirements of various mining processes and slurry applications, by containing robust primary and secondary seal face materials. The constant spring load is ensured by the non-dragging, elastomer-encased cone spring. This completely eliminates the need for dynamic O-rings. These seals also operate without flush, and can perform with or without water quench. They are easy to install, and can be easily implemented in various field-placed systems. The standard materials can answer many requirements, but if needed, alternatives are available, if requested.



Vamech Single Cartridge Mechanical Seal

Vamech Seals Type-CTR-VS-TB-522 We offer high quality Cartridge Mechanical Seals and have carved a niche for ourselves in this market category. These seals are universal in nature and virtually used in all kind of liquids. These seals are inherently balanced and work irrespective to the direction of rotation of equipment. They are contact and quite workable on all liquids in nearly all conditions. They can also be used in liquid with high amount of suspended particles on high pressure and temperature. They are made in state-of-the-art facilities by skilled engineers who believe in delivering quality products. They are highly durable with a long service life.

Double Cartridge Mechanical Seal

We offer high quality Double Cartridge Mechanical Seals and have carved a niche for ourselves in this market category. These seals are universal in nature and virtually used in all kind of liquids. These seals are inherently balanced and work irrespective to the direction of rotation of equipment. They are contact and quite workable on all liquids in nearly all conditions. They can also be used in liquid with high amount of suspended particles on high pressure and temperature. They are made in state-of-the-art facilities by skilled engineers who believe in delivering quality products. They are highly durable with a long service life.



Heavy Duty Cartridge Seals

CTR-VS-F-620 Flushless Cartridge Seal

The Vamech Seals Type 620 Flushless Seal is designed to operate unsupported in all paper stock consistencies and light slurry applications in various Pumps.

Vamech CTR-VS-621 Heavy Duty Slurry Seal

The Vamech Seals Type 621 heavy duty cartridge slurry seal is available as a single or double seal. It is designed to thrive in the harshest abrasive slurry environments. Process fluids such as ores, limestone, phosphates, kaolin clay, drilling mud, lime mud, coarse coal, boiler fly ash, rock salt, sludge, sand and gravel are no problem for the Vamech Seals Type 621.

Vamech Seals Type 621 Slurry Seals are rugged in construction, designed specifically for use in heavy duty slurry pumps, mixers and other rotating equipment throughout slurry processing industries:

VS-01 Heavy Duty Cartridge Seal

Vamech Seals Type VS-01 is a single cartridge seal for use with clean fluids and lubricants: e.g. water, oil, solvents, and pulp (consistency = 2 %). Generally is used in pulps in the Pulp & Paper industry, as well as in power plants. The Vamech Seals Type VS-01 cartridge seal fits in various pumps as well as in other processing equipment.

The Vamech Seals VS-01 seal is versatile, and easy to install and maintain. Although the design of the seal is simple, it contains advanced technical features like patented seal face holders and an elastic thrust ring.

VS-02 Heavy Duty Dual Cartridge Seal

Vamech Seals VS-02 is a dual cartridge seal. Its double-balanced design ensures the reliability and longevity of the seal in the most demanding conditions. The Vamech Seals VS-02 seal is ideal for use with environmentally hazardous and abrasive fluids, most often used in pumps in pulp mill area for cooking, evaporation, and causticising. The Vamech Seals VS-02 seal is also compatible with other kinds of pumps and process equipment, including agitators.



CTR-VS-200 Double Stationary Cartridge Seals

The Vamech Seals CTR-VS-200 is a face-to-face double stationary cartridge seal that has been designed for hazardous and aggressive sealing applications in Chemical and Process Industries. It possesses all the design features essential for applications where safety is the prime consideration. The patented pumping action allows cool running to be achieved, thereby elongating seal life, whilst the double balanced design allows up to 30 bar (440 psi) product or barrier pressure to be accommodated.

Depending on condition, all first4seals cartridge seals can be fully refurbished.



Cartridge Mechanical Seal / Pumps

Vamech Seals Type : CTR-VS-300

Advantages :

- Straightforward and easy installation
- Fits into any installation space due to smallest outer diameter
- Important material certifications available
- Universal application opportunities (standardization)
- No modifications of the pump's installation chamber necessary
- Economical cartridge solution
- Comes with flush connection acc. to API 682, Plan 11 for seal chamber cleaning and cooling

Cartridge Mechanical Seal / Pumps

- Advantages :
- Suitable for pressure reversal
- Insensitive to shaft deflections and process fluctuations
- Cover distortion cannot cause seat misalignment
- Good heat dissipation
- No external pump necessary
- Pre-assembled unit, ready to install
- Low space requirements
- Security due to proofed design
- Springs protected from the product



VAMECH SEALS - MECHANICAL SEALS - SPECIAL DESIGN SEALS

This is VAMECH-Seal type-S for high load pumps. This seal is with pumping ring for high pressure flushing to seal faces. It is design for very high pressure application.

Application Flange

Temperature : Up to 350°C.

Velocity : Up to 20 Mts. / Second.

Pressure : Up to 90 Kg / Cm²

Application in : Boiler feed water pump. For high pressure, high velocity (Speed) pumps.





Flowserve Mechanical Seal

Product Details

Hardness	97%
Product Type	FLOWSERVE MECHANICAL SEAL
Width	5-10 Millimeter (mm)
Usage	For Sealing Use
Style	O Ring
Material	Carbon Steel
Supply Ability	1 Piece Per Day



Textile Seals

Product Details

Width	5-10 Millimeter (mm)
Usage	For Sealing Use
Product Type	TEXTILE SEALS
Hardness	95%
Style	O Ring
Material	Carbon Steel
Supply Ability	1 Piece Per Day



Stationary Face

Product Details

Width	5-10 Millimeter (mm)
Product Type	STATIONARY FACE
Hardness	95%
Usage	For Sealing Use
Style	O Ring
Material	Carbon Steel
Supply Ability	1 Piece Per Day



Crane Design Seal

Product Details

Product Type	CRANE DESIGN SEAL
Width	5-10 Millimeter (mm)
Hardness	97%
Usage	For Sealing Use
Style	O Ring
Material	Carbon Steel
Supply Ability	1 Piece Per Day