



leakless®

(India) Engineering

AN ISO 9001 : 2015 CERTIFIED CO.

SINCE
1980

MANUFACTURER OF INDUSTRIAL PUMPS



NSIC
CERTIFIED CO.

D&B
Decide With Confidence
D-U-N-S : 91-674-1523

NABCB
IAF
UKAS
AN ISO 9001 : 2015

SMERA
SME Rating Agency of India Ltd.

MSME
MICRO, SMALL & MEDIUM ENTERPRISES



Established by a team of young professionals, we have a reputation in the market for manufacturing a wide range of qualitative Industrial Pumps. We are equipped with sophisticated machinery that enable us to deliver high performance based pumps that successfully meet the application requirements at client's end. Our team of analysts are engaged in constant research work to ensure our pumps meeting the needs of complex industrial operations. Leakless (India) Engineering, and ISO 9001:2015 Certified Company, ever since its establishment in 1980, has been considered as a leading manufacturer, supplier and exporter of Chemical Process Pumps.

OUR



We possess a team of experienced, knowledgeable and skilled professionals for manning the various aspects involved in our production operations. Their extensive industry experience and strong hold over the involved processes allow us to deliver pumps both in standard and customized finishes as per the requirements of our clients.

MANUFACTURING

UNIT

Our manufacturing unit is well equipped with modern, sophisticated and advanced technology machinery that enable us to deliver durable and high quality pumps. The effective use of modern technologies, high domain expertise in our production procedures and use of machines that comply with international standards help us to deliver high performance oriented pumps.



TESTING AND INSPECTION

We have in-house test bed at factory for running performance of each and every assembled pump. Every pump is tested with hydraulic pressure for mechanical seal, volute casing and casing cover. Running performance with suitable motor for discharge head, flow, power consumption, RPM, Vibration, Noise level and temperature of bearing housing and leakage of mechanical seal. Physical and Chemical Test Certificate of all kind of material by reputed laboratories.

FACILITIES

INDUSTRIES WE SERVE :

- ◆ CHEMICALS
- ◆ PETROCHEMICALS
- ◆ FERTILIZER PLANT
- ◆ DAIRY PLANT
- ◆ CAUSTIC PLANT
- ◆ STEEL INDUSTRIES
- ◆ DRUGS AND PHARMACEUTICALS
- ◆ PAPER AND PULP INDUSTRIES
- ◆ THERMAL AND ATOMIC POWER
- ◆ REFINERIES
- ◆ HEAT EXCHANGER
- ◆ EJECTOR SYSTEMS
- ◆ EFFLUENT TREATMENT PLANT
- ◆ SCRUBBER UNITS
- ◆ COOLING TOWER
- ◆ TEXTILE PLANT
- ◆ SUGAR PLANT
- ◆ FOOD PROCESSING
- ◆ COLD STORAGE
- ◆ AIR CONDITIONING
- ◆ WATER TREATMENT PLANT
- ◆ DYES AND PIGMENT PLANT
- ◆ SOLVENT PLANTS
- ◆ TRANSFER, LOADING AND UNLOADING
- ◆ PROCESSING OF LIQUIDS
- ◆ ELECTROPLATING PLANT
- ◆ CHILLING PLANT

PVDF & PTFE CENTRIFUGAL PUMP (LCP SERIES)

PVDF (Injection-Molded) And PTFE Lined Back Pull Out Pumps , specially designed for highly corrosive liquids and high temperature applications. These types of pumps deliver outstanding performance with economical prices. The range being easy in use and demands minimum maintenance. Pumps offer thick injection molded casing with C.I Or S.S casing liner insert for strength of casing with easy replaceable method. Semi open (Injection-Molded) Impeller with metal insert. Excellent mechanical properties over a wide range of temperatures up to 150° C.

APPLICATIONS :

- Chemical processing upto 150 Deg
- Organic/in-organic chemical
- Air conditioning
- Effluent
- Electro plating
- Highly corrosive acid transfer
- Dyes and pigments
- Sprinkle systems
- Pickling plant
- Scrubber unit
- Water treatment
- Solvents unloading
- Transfer of liquid

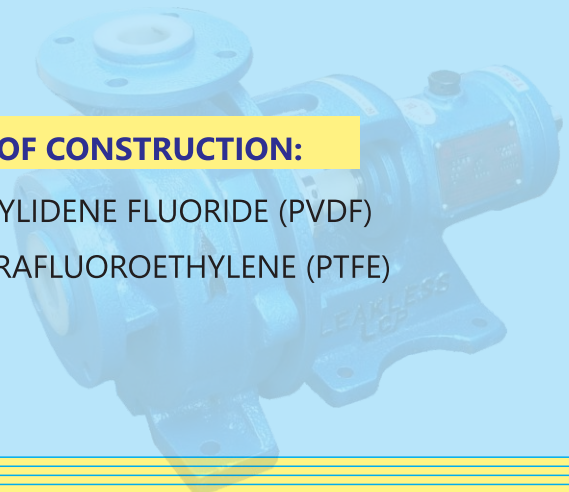
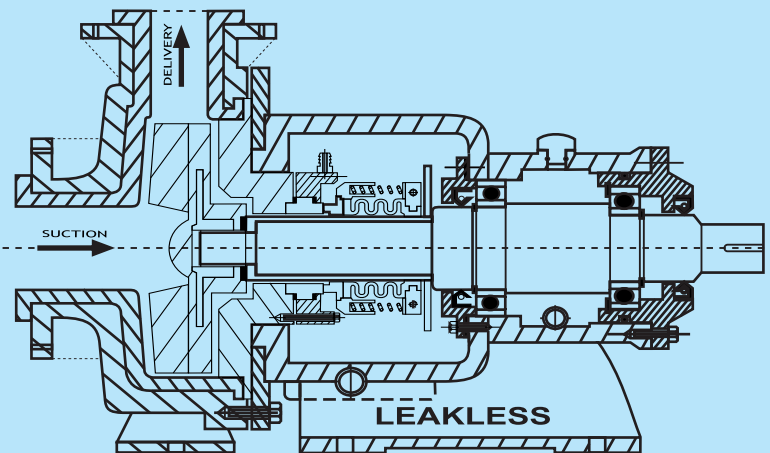


OPERATING RANGE :

Capacity	Up to 150 m3/Hr
Head	Up to 80 Meters
Speed	1450 to 2850 RPM
Pump Size-DN	19mm To 100mm
Temp	Up to -60° C - +150° C

MATERIAL OF CONSTRUCTION:

- POLYVINYLIDENE FLUORIDE (PVDF)
- POLYTETRAFLUOROETHYLENE (PTFE)



CENTRIFUGAL BACKPULLOUT PUMP (LCP SERIES)

Centrifugal Back Pull Out Metallic Pumps which are widely demanded in the industry. These pumps are of single stage, horizontal end suction type, with semi open, Fully open and closed impellers. All types of impellers are statically and hydraulically balanced. A special feature of the pump is easy of maintenance due to the foot mounted volute casing, Permitting removal of the rotating assembly without disturbance of pipe connections. These types of pumps are also available in ISO 2858/ DIN 24256 Standards.

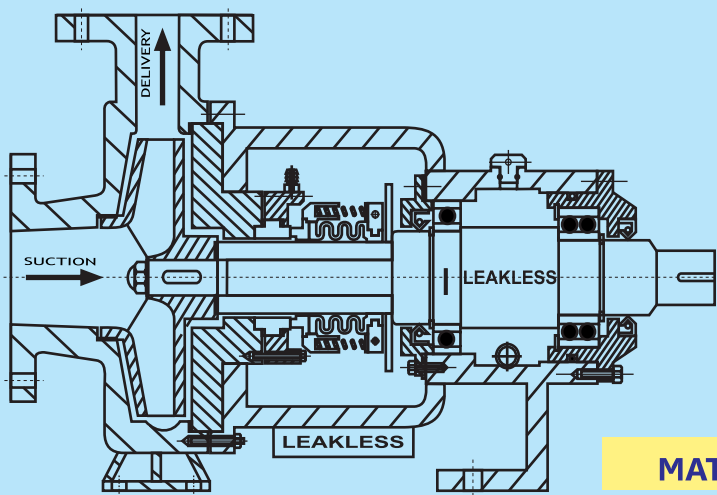
APPLICATIONS :

- Sprinkle systems
- Effluent treatment
- Detergents and caustics
- Fumes scrubbing
- Filterpress units
- Heat exchanger
- Acid transfer
- Loading/unloading
- Cooling towers
- Chilling plant
- Ejector systems



OPERATING RANGE :

Capacity	Up to 500 m ³ /Hr
Head	Up to 200 Meters
Speed	1450 to 2850 RPM
Pump Size-DN	19mm To 200mm
Temp	Up to 450° C



MATERIAL OF CONSTRUCTION:

- | | | |
|--------------------|------------------------------|----------------------|
| ➤ S.S 316 (CF8M) | ➤ CD4MCU | ➤ NI-HARD |
| ➤ S.S 304 (Cf8) | ➤ HASTELLOY B (N12MV) | ➤ HARD METAL CASTING |
| ➤ S.S 316L (CF3M) | ➤ HASTELLOY C (CW12MW) | ➤ PHOSPHORUS BRONZE |
| ➤ CAST IRON | ➤ ALLOY 20 (CN7M) | ➤ GUN METAL |
| ➤ CAST STEEL (WCB) | ➤ DUPLEX SS (GRADE 4A,5A,6A) | ➤ TITANIUM |

NON METALLIC CENTRIFUGAL PUMP (LCP SERIES)

The offered range of molded pumps with extra wall thickness and pressurize molding process for free porosity and blow holes are available with semi open impeller, The offered range of molded pumps is designed utilizing high grade raw material and modern techniques in conformation with the highest quality norms and standards.

APPLICATIONS :

- Chemical processing upto 80 Deg
- Organic/in Organic Chemical
- Air conditioning
- Effluent
- Electro plating
- Highly corrosive acid transfer
- Dyes and pigments
- Sprinkle systems
- Pickling plant
- Scrubber unit
- Water treatment
- Solvents unloading
- Transfer of Liquid

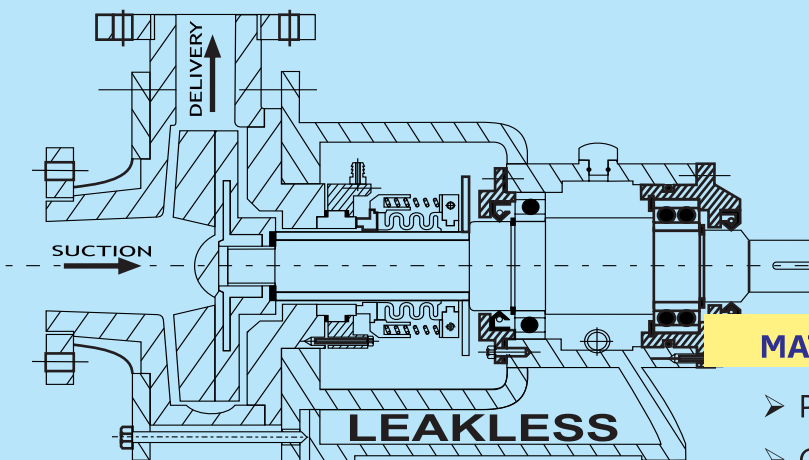


OPERATING RANGE :

Capacity	Up to 300 m ³ /Hr
Head	Up to 80 Meters
Speed	1450 to 2850 RPM
Pump Size-DN	19mm To 150mm
Temp	Up to 85° C

MATERIAL OF CONSTRUCTION:

- P.P (POLYPROPYLENE)
- G.F.P.P (GLASS FILLED POLYPROPYLENE)
- UHMW-HDPE (ULTRA HIGH MOLECULAR WEIGHT-HIGH DENSITY POLYTHENE EMULSION)



MONOBLOCK PUMP (LMP SERIES)

Monoblock Pumps especially designed to occupy minimum space and provide versatile performance. The pump is attached to motor with single shaft avoiding the use of coupling minimizing weight, Installation space vibration and noise level. Sounds very economical compared to coupled type pumps. These pumps are provided with mechanical seal type and gland packing type as per the liquid application. Considering the limited space where sufficient space is not available these pumps are compact designed to save your useful space of plant.

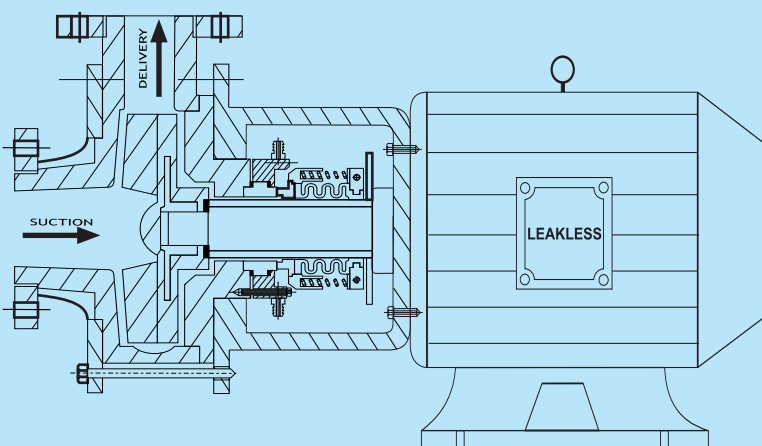
APPLICATIONS :

- Sprinkle systems
- Effluent treatment
- Detergents and caustics
- Fumes scrubbing
- Filterpress units
- Heat exchanger
- Acid transfer
- Loading/unloading
- Cooling towers
- Chilling plant
- Ejector systems



OPERATING RANGE :

Capacity	Up to 150 m ³ /Hr
Head	Up to 100 Meters
Speed	1450 to 2850 RPM
Pump Size-DN	19mm To 150mm
Temp	Up to -20° C - +150° C



MATERIAL OF CONSTRUCTION:

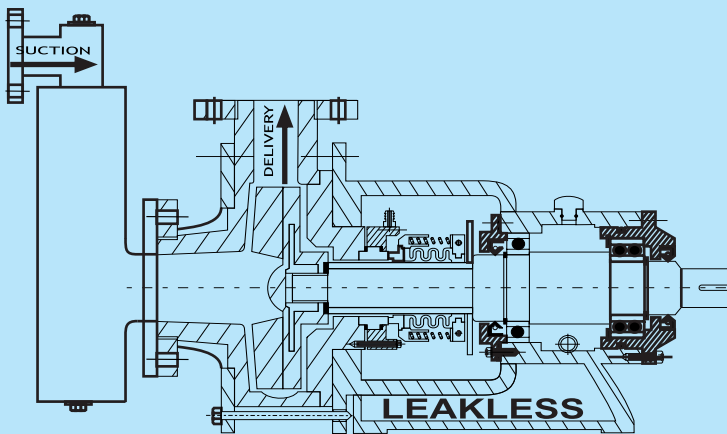
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|-------------|--------------------|------------------------------|-----------------------|
| ➤ P.P | ➤ CAST STEEL (WCB) | ➤ HASTELLOY C (CW12MW) | ➤ PHOSPHORUS BRONZE |
| ➤ UHMW-HDPE | ➤ CD4MCu | ➤ ALLOY 20 (CN7M) | ➤ GUN METAL |
| ➤ PVDF/PTFE | ➤ S.S 316 (CF8M) | ➤ DUPLEX SS (GRADE 4A,5A,6A) | ➤ HASTELLOY B (N12MV) |
| ➤ G.F.P.P | ➤ S.S 304 (Cf8) | ➤ CAST IRON | ➤ S.S 316L (CF3M) |

SELF PRIMING PUMP (LSP SERIES)

Self Priming Chamber Type Pumps suitable for negative suction without foot valve. An ideal pump for underground pits & tanks, barrel unloading Etc. Priming chamber is provided to prevent the back flow of liquid when the pump is shut off. Priming chamber and impeller is primed with process liquid to create sucking pressure and drain of air bubbles from negative suction line, So when pump starts impeller receives the liquid directly from the chamber, When pump is switch off, Priming chamber always remain in priming condition so no need to re-prime every time. For mobility and transportation of pump unit from one place to another, Trolley mounted pump is offered on demand for multipurpose use.

OPERATING RANGE :

Capacity	Upto 150 m ³ /Hr
Head	Up to 100 Meters
Speed	1450 to 2850 RPM
Pump Size-DN	19mm To 150mm
Temp	Up to -20° C - +150° C

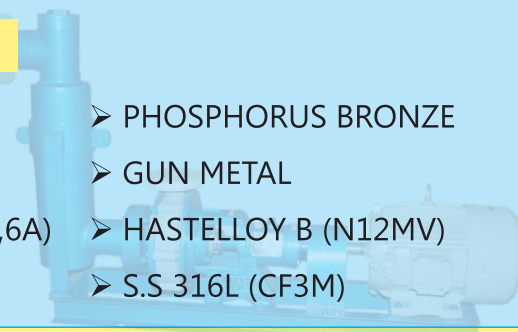


APPLICATIONS :

- UNDERGROUND TANK UNLOADING
- SOLVENTS UNLOADING
- SPRINKLE SYSTEMS
- HEAT EXCHANGER
- COOLING TOWERS
- EFFLUENT TREATMENT PITS
- EFFLUENT TREATMENT
- FUMES SCRUBBING
- ACID TRANSFER
- CHILLING PLANT
- DETERGENTS AND CAUSTICS
- DRUM UNLOADING
- FILTERPRESS UNITS
- LOADING/UNLOADING
- EJECTOR SYSTEMS

MATERIAL OF CONSTRUCTION:

- P.P
- UHMW-HDPE
- PVDF/PTFE
- G.F.P.P
- CAST STEEL (WCB)
- CD4MCu
- S.S 316 (CF8M)
- S.S 304 (Cf8)
- HASTELLOY C (CW12MW
- ALLOY 20 (CN7M))
- DUPLEX SS (GRADE 4A,5A,6A)
- CAST IRON
- PHOSPHORUS BRONZE
- GUN METAL
- HASTELLOY B (N12MV)
- S.S 316L (CF3M)

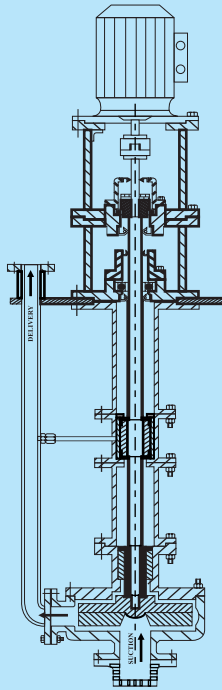


VERTICAL SUBMERGED PUMP (LVP SERIES)

Vertical Submerged Pumps are widely used for leak free performance where leakage is not allowed. No mechanical seals or glands, So no breakdown of pump. Most preferable for effluent treatment plant and underground tank. These pumps are developed aiming at heavy duty application with vertical mounting and operational work. Unique and simple design with axial adjustment for maintenance free operation. Optional mechanical seal is provided to prevent leakage of fumes and pressure from top of tank. Vertical length of pump will be tailor made as per depth of tank.

APPLICATIONS :

- Underground tank
- Tanks having fumes and pressure
- Effluent treatment tanks
- Solvents unloading
- Chemical processing
- Electro plating
- Scrubber unit
- Water treatment
- Food processing
- Filterpress units
- Heat exchanger
- Acid transfer
- Loading/unloading
- Cooling towers
- Chilling plant
- Ejector systems



OPERATING RANGE :

Vertical Pump Length	Up to 4.5 Mtr
Capacity	Up to 100 m3/Hr
Head	Up to 100 m3/Hr
Speed	1450 to 2850 RPM
Pump Size-DN	19mm To 150mm
Temp	Up to -20° C - +150° C +150° C

MATERIAL OF CONSTRUCTION:

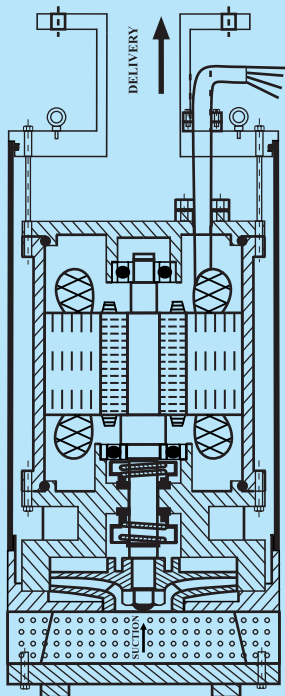
- | | | | |
|--------------|--------------------|------------------------------|-----------------------|
| ➤ P.P | ➤ CAST STEEL (WCB) | ➤ HASTELLOY C (CW12MW) | ➤ PHOSPHORUS BRONZE |
| ➤ UHMW-HDPE | ➤ CD4MCu | ➤ ALLOY 20 (CN7M) | ➤ GUN METAL |
| ➤ PVDF/ PTFE | ➤ S.S 316 (CF8M) | ➤ DUPLEX SS (GRADE 4A,5A,6A) | ➤ HASTELLOY B (N12MV) |
| ➤ G.F.P.P | ➤ S.S 304 (Cf8) | ➤ CAST IRON | ➤ S.S 316L (CF3M) |

SUBMERSIBLE DEWATERING PUMP (LDWP SERIES)

These pumps have an excellent performance capacity with high motor power combined with heavy duty design. It is compact portable and self priming with bottom suction and top discharge which enables the pump to dewater up to the lowest level. Pump is completely submerged in process liquid so no priming is required for unloading of underground tanks. It is also designed with dual mechanical seal for protection of inbuilt motor. These pumps are design easy to maintenance at site.

APPLICATIONS :

- UNLOADING OF UNDERGROUND TANKS,
- EXCAVATING DRAINAGE IN BUILDING TRADE
- CIRCULATING FOUNTAIN WATERS
- INDUSTRIAL WATER DRAINAGE
- BUILDING DAMS AND TUNNELS
- SEWAGE AND WASTE WATER
- FLOOD WATER CONTROL
- MARINE, AQUACULTURE
- STEEL INDUSTRIES COLD ROLL MILL AND HOT STEEL MILL
- WATER TRANSFER
- MUNICIPALITIES
- MINING INDUSTRIES
- EFFLUENT
- RIVER WATER
- DESCALING OPERATIONS
- HANDLING DIRTY WATERS
- PITSAND VESSELS
- IRRIGATION



MATERIAL OF CONSTRUCTION:

- CAST IRON
- CAST STEEL (WCB)
- GUN METAL
- S.S 316 (CF8M)
- HASTELLOY B (N12MV)
- HASTELLOY C (CW12MW)
- ALLOY 20 (CN7M)
- DUPLEX SS (GRADE 4A,5A,6A)
- S.S 304 (Cf8)
- S.S 316L (CF3M)
- BRONZE
- TITANIUM

OPERATING RANGE :

Capacity	Up to 200 m3/Hr
Head	Up to 100 Meters
Speed	1450 to 2850 RPM
Pump Size-DN	25mm To 150mm
Temp	Up to +150° C



VERTICAL SEALLESS GLANDLESS PUMP (LVGP SERIES)

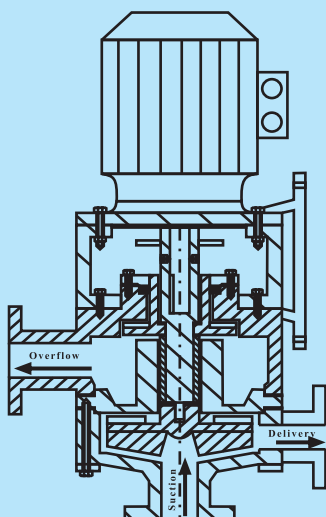
Vertical Sealless And Glandless Pumps Normal hydraulic terms do not differ from any conventional centrifugal pump. No mechanical seal or gland, so no breakdown of pump. The pump is designed in such a way that the liquid would normally try to pass through annular space, Where the impeller drive shaft enters the back plate (stuffing box). This liquid is diverted and returns as a controlled flow to the suction tank. The need for any seal is eliminated by allowing the leakage liquid to escape through the overflow connection to the overflow chamber. The liquid entering the suction flows around the impeller casing and leaves through the delivery under pressure. Between the annular gap of the upper rotor casing and impeller some leakage liquid escapes to the overflow chamber. The auxiliary impeller (Expeller) prevents the leakage liquid going further up and channelizes it through outlet in the overflow chamber. These pumps are ideally suited for continuous operation for clear liquid and slurries. This pump is at its best with negative suction. Vertically mounted Compact design to save precious space. No seal or gland so 100% leak proof. No coupling so no vibration and noise.

OPERATING RANGE :

Capacity	Up to 200 m ³ /Hr
Head	Up to 150 Meters
Speed	1450 to 2850 RPM
Pump Size-DN	19mm To 150mm
Temp	Up to 20° C - +150° C

APPLICATIONS :

- UNDERGROUND TANK UNLOADING
- ACID TRANSFER
- SPRINKLE SYSTEMS
- SCRUBBER UNIT
- EFFLUENT TREATMENT
- FILTER PRESS UNITS
- LOADING/ UNLOADING
- TANKS
- CHEMICAL PROCESSING
- PICKLING PLANT
- COOLING TOWERS
- SOLVENTS
- WATER TREATMENT
- ELECTRO PLATING
- UNLOADING



MATERIAL OF CONSTRUCTION:

- P.P
- UHMW - HDPE
- PVDF/PTFE
- G.F.P.P.
- GUN METAL
- S.S 316L (CF3M)
- CAST STEEL (WCB)
- CD4MCU
- S.S 316 (CF8M)
- S.S 304 (Cf8)
- HASTELLOY B (N12MV)
- HASTELLOY C (CW12MW)
- ALLOY 20 (CN7M)
- DUPLEX SS (GRADE 4A,5A,6A)
- CAST IRON
- PHOSPHORUS BRONZE

AIR OPERATED DOUBLE DIAPHRAGM PUMP (LAODP SERIES)

AODD pumps with complete non-lubricating, non-stalling air valve. It is specially research for low capacity and low Pressure Chemical Industries. these pumps can be safely used in positive as well as negative suction conditions.

FEATURES AND ADVANTAGES

No motor, So no Fire.
Pump can run dry.
Light weight, easy to handle.
No Mechanical seal, So no Leakage Problem.
Can be submerged.
No rotation, less wear and tear.
Self priming, No foot valve Required
Can handle solids 2 mm to 10 mm
Stop automatic on closing of discharge valve.
Variable flow with same pump

MATERIAL OF CONSTRUCTION:

- Cast Iron
- Stainless Steel
- Aluminium
- PP
- PvdF



OPERATING RANGE :

Capacity	Up to 40m ³ /Hr
Head	Up to 7 BAR
Temp	Up to +150° C

SEALLESS MAGNETIC DRIVEN PUMP (LMDP SERIES)

Seal less magnetic driven pump is driven by a pair of magnet which are incorporated in the impeller and motor shaft respectively. The seal less pump structure eliminates shaft seals such as conventional mechanical seals, because the pump chamber is shielded the casing and the impeller is operated by magnet. The combine coupling torque of the drive magnet and impeller magnet drives sufficient driving power against the motor torque. The pump can avoid atmospheric hazardous effects due to the leakage problems. By eliminating the leakage and removing unreliable seals from the design, our Seal Less magnetic driven pumps provide immediate cost, safety and reliability advantages over traditional sealed designs.

FEATURES AND ADVANTAGES

Highly reliable, Compact field proven reliability.
Leakage-Free, Sealless structure.
Easy maintenance at site.
Light weight, easy to handle.
No Mechanical seal, So No Leakage Problem.

OPERATING RANGE :

Capacity	Up to 25 m ³ /Hr
Head	Up to 30 Mtr
Temp	Up to +150° C

MATERIAL OF CONSTRUCTION:

- S.S 316
- S.S 304
- CAST IRON
- CAST STEEL
- P.P
- PVDF

APPLICATIONS :

- PLATING PLANT
- ANODIZING
- METAL FINISHING MACHINES
- ETCHING MACHINES
- APPLICATIONS WHERE LEAKAGE IS NOT ALLOWED



OUR CAPABILITIES

We create Pumps & Mechanical seals for industries. Your requirement and our specific approach provides the right application.

WIDE NETWORK

Our products have a global acceptance and we have extended our network worldwide with the assistance of our distributors.

RESEARCH & DEVELOPMENT

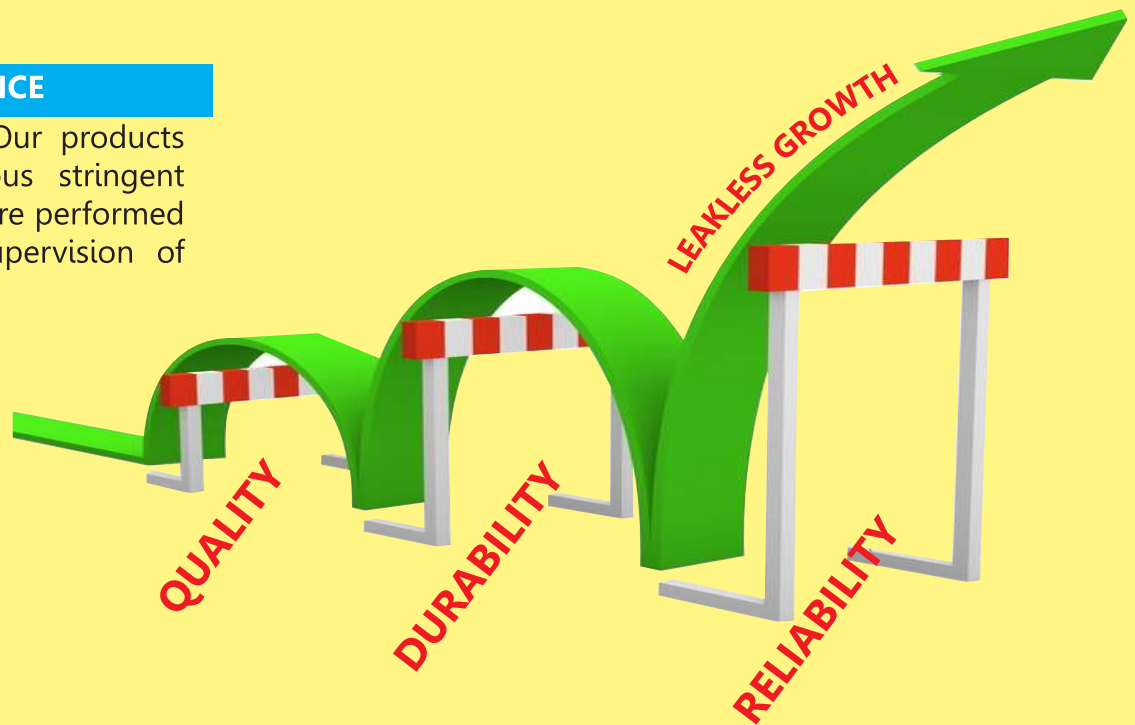
Our team of domain experts are constantly engaged in innovating, researching and developing quality pumps and seals.

TECHNICAL SUPPORT

Technical support We have a skilled team of personnel who support for all the issues you face in factories and existing production processes.

QUALITY ASSURANCE

Quality Assurance Our products pass through various stringent quality tests which are performed under the strict supervision of domain experts.



YOUR REQUIREMENT



OUR APPROACH



WE ASSURE YOU:

We provide Pumping & Mechanical seals solutions to cater to a wide range of industries. Your requirement and our right approach helps us deliver the right quality product.

We have highly sophisticated machinery with domain expertise staff and latest technology facilities which helps us deliver quality pumps just as per your requirement.

Quality & Durable products.
Advanced technology for production.
Timely Delivery.
Prompt after sales services.
High levels of Customer satisfaction

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