



The Stream of Cooling

VDC series
Vertical Immersible Pumps - Coupled type
Special features

- Energy Savings.
- Low heat input into the cooling lubricant.
- Increased cooling efficiency.
- Better performances of the machine center.
- Simple integration with the machine center.

Specifications

Flow	: 20m ³ /hr
Max Head	: 245M
Max. Liquid temperature	: -10 to +90°C
Power	: 0.37 – 18.5Kw

Material of Construction

Pump Head	: C.I.
Pump Base	: C.I
Impeller	: SS 304
Diffuser (Chamber)	: SS 304
Pump Shaft	: SS 304
Bearing Ring	: Sic / Sic
Mechanical Seal	: Cartridge Type Sic/Sic/Skm


Application

Boring, Milling, Grinding, Spark erosion, Wire cutting, Turning, Chilling, Part washing, Condensate system, Wash and clean.

VDS series
Vertical Immersible Pumps - Single Shaft
Special features

- Energy Savings.
- Low heat input into the cooling lubricant.
- Increased cooling efficiency.
- Better performances of the machine center.
- Simple integration with the machine center.

Specifications

Flow	: 5 m ³ /hr
Max Head	: 55M
Max. Liquid temperature	: -10 to +90°C
Power	: 0.37 – 1.1 Kw

Material of Construction

Pump Head	: C.I.
Pump Base	: C.I
Impeller	: SS 304
Diffuser (Chamber)	: SS 304
Pump Shaft	: SS 304
Bearing Ring	: Sic / Sic
Mechanical Seal	: Bellow Type Sic/Carbon/Skm


Application

CNC, Milling, Deep Hole drilling, Boring, Grinding machines, Machine centres, Retro fitting, EDM, Wire and other conventional machines, Cutting machines, Printing machines, Filtering systems, Spark machine tools, Water cooling emulsions, Cooling / cutting oils, Through tool cooling, Chilling units and industrial washing machines.

VDK series
Vertical Immersible Pumps - Cantilever
Special features

- Energy Savings.
- Low heat input into the cooling lubricant.
- Increased cooling efficiency.
- Better performances of the machine center.
- Simple integration with the machine center.

Specifications

Flow	: 15 m ³ /hr
Max Head	: 55M
Max. Liquid temperature	: -10 to +90°C
Power	: 0.37 – 1.1 Kw

Material of Construction

Pump Head	: C.I.
Impeller	: Velox 553
Impeller Cover (Casing)	: C.I.
Pump Shaft	: EN 8
Bearing Ring	: Sic / Sic


Application

Boring, Sowing, Milling, Grinding, Turning, Chilling and Filtration

MV
 series

Vertical Multistage Inline Pumps
Special Features

- Stainless steel impellers, Shaft and stage casings (SS 304 / SS 316)
- Enhanced hydraulic efficiency
- Strengthened cartridge seals
- Good compatibility and environment friendly
- Low noise level and low vibration level

Specifications

Power Range	: 0.37 kW - 110 kW
Max. Flow Rate	: Upto 200 m ³ /hr
Maxi. Total Head	: Upto 300 mtrs
Max. Liquid Temp.	: -15°C to +120°C

Material of Construction

Impeller	: SS 304 / SS 316
Pump Head	: CI / SS 304 / SS 316
Pump Base	: CI / SS 304 / SS 316
Pump Shaft	: SS 304 / SS 431, SS 316 / SS 329
Bearing Ring	: SiC. Carbide & Tungsten carbide
Mechanical Seal	: Sic Vs SiC Vs Viton / T.C Vs Car Vs Viton


Applications

Hot & Cold water and coolant circulation, Industrial washing, Firefighting systems, Industrial and domestic pressure boosting, Boiler feed, Reverse Osmosis (RO), DM Plant, Water supply in buildings and Irrigation

MHD
 series

Multistage Horizontal Pump - Doom type
Special features

- Horizontal multistage non-self-priming centrifugal pump
- Attached with long shaft electric motor
- Compact structure
- Axial inlet radial outlet

Specifications

Power Range	: 0.25 kW - 2.2 kW
Max. Flow Range	: upto 28 m ³ /hr
Total Head	: upto 65 mtrs
Max. Liquid Temp.	: upto 104°C

Material of Construction

Pump Casing	SS 304 / SS 316
Impeller	SS 304 / SS 316
Shaft	SS 304 / SS 316
Pump Cover	SS 304 / SS 316
Sleeve	SS 304 / SS 316
Mechanical Seal	Sic vs Car / Sic vs Sic


Application

Heating and cooling industrial process, Water treatment process, Air-conditioning system, Industrial cleaner and dishwasher, Water boosting on process, Air refreshing and heater device (soft water), Water supply and boosting (drinking water and light chlorine water), Fertilization / metering system and many more special usages.

MH
 series

Multi Stage Horizontal Pumps
Special Features

- Motor stator is made of low watt loss steel lamination
- Dynamically balanced rotor ensures vibration and noise-free operation
- Varnished impregnated winding made of enameled copper wire
- Suitable for continuous duty

Specifications

Power Range	: 0.22 kW - 2.2 kW
Flow Range	: upto 12 m ³ /hr
Head Range	: upto 110 mtrs
Temperature	: 0°C to +90°C

Material of Construction

Pump Casing	: Cast Iron
Pump Bracket	: Cast Iron
Impeller	: SS 304
Diffuser	: SS 304
Pump Shaft	: SS 410
Mechanical Seal	: Sic & Carbon
Base Plate	: Mid Steel

Application

Hot & Cold water and coolant circulation, Air conditioning & chiller plant, Industrial and domestic pressure booster, Reverse Osmosis (RO), DM Plant, Water circulation, Horticultural irrigation and domestic water supply


CT/JT
 series

Stainless Steel Centrifugal Pumps
Special Features

- Dynamically balanced rotor ensures vibration free and noise free operation
- Shaft is made of quality steel, precision ground of ample size for transmitting the rated horse power

Specifications

Power Range	: 0.75 kW, 1.5 kW, 1.85 kW
Max. Head	: 35.5 mtrs
Max. Suction Lift	: 8 mtrs
Max. Liquid Temp.	: +5°C +60°C

Application

Industrial water system, Industrial and drinking water supply, Car washing, Domestic, Irrigation, Shallow wells, Houses, Small farms, Garden, Domestic pressure boosting.


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