

VERSA Series

Vertical extended shaft single delivery sump pumps as per ISO 5199 design standard for heavy duty chemicals and chemical effluents



Product Description:

VERSA series vertical extended shaft pumps are designed based on ISO 5199 design standard and KISHOR dimension standard. These pumps are specially designed for process or transfer duty applications, having high efficiency for pumping clean or slightly contaminated chemicals and chemical effluents without solid contents. All types of corrosive and crystallising liquids can be handled. Pumps can be offered in seal-less or with gland packing or mechanical seal options with all API flushing plans.

Applications:

- Acids
- Alkalis
- Dyes
- Paints
- Petrochemicals

- Intermediates
- Seawater
- Hydrocarbons
- Hot water
- Clear effluents

Industries:

- Fertiliser
- Petrochemicals
- Refineries
- Textile
- Desalination

- Water treatment
- Wastewater treatment
- Steel
- Power generation
- Pharmaceutical

- Acids
- Caustic soda
- Soda ash
- Adhesives
- Distillery

Performance Parameters:

Flow	: upto 1,750 m ³ /hr
Head	: upto 150 m.l.c
Specific gravity	: upto 1.9
Temperature	: upto 140 °C
Viscosity	: upto 20 cP
DN sizes	: 25 to 300 mm
Installation depth	: upto 10 m
Solid passage size	: Nil

Standard Features:

- Centrifugal, single stage, bottom axial suction
- Closed or semi-open impeller
- Internal FreeLub Technology , deploying self-lubrication for wet bearings in case of clear liquids, eliminating the need for external flushing
- Grease lubricated bearings
- Rectangular or circular support plate
- Performance testing as per ISO 9906
- RedAx Technology, mitigating the effect of undesirable hydraulic forces
- Glandless execution

Versions:

- ES : Extended shaft, glandless pump
- EV : Extended shaft, pump with mechanical seal
- EG : Extended shaft, pump with gland packing
- EJ : Extended shaft, pump with jacketing

About Us:

We design & manufacture tailor-made products for pumping and mixing of corrosive, abrasive and solids laden liquids, along with suitable service support. We have one of widest spectrums of material options to suit the application based on over 5 decades of experience and expertise. At the core of product selection process, lies a deep understanding of the application and the environment in which the pump is supposed to operate, ensuring optimal selection to suit the requirement.

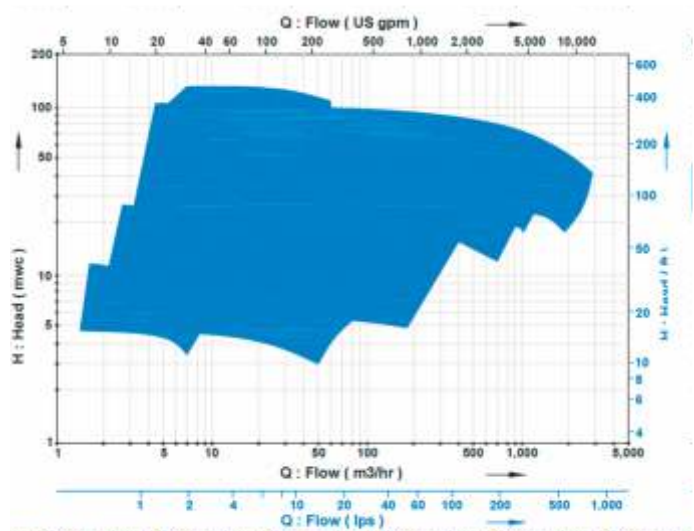
Material of Construction:

Casing	: CI, WCB, DIN 4136, CF8, CF8M, CF3, CF3M, CN7M, Duplex St. steels etc.
Impeller	: CI , WCB, DIN 4136, CF8, CF8M, CF3, CF3M, CN7M, Duplex St. steels, etc.
Shaft	: SS 410 , SS 316, SS 316L, EN8, Teflon lined, UNS 32760 etc.

Pressure Ratings :

Discharge pressure	: upto 16 kg/cm ²
Test pressure	: 24 kg/cm ²

Performance Range:



Optional Features:

- Variety of wear rings
- Steam jacketing for crystallising liquids
- External flushing
- Tailpiece with / without strainer
- Support plate of special dimensions & thickness
- Outside tank mounting
- Tongue and groove flange
- Delivery flange as per ANSI / IS standards.



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Regional Offices: Delhi | Vadodara | Mumbai | Chennai | Hyderabad | Kolkata