



Flo-rite

VERTICAL SUMP PUMPS

MODEL FVS & FVS-N (AS PER API 610)



TECHNICAL DATA

Size	: Up to 200 mm suction
Capacity	: Up to 400 m ³ /hr (6600 LPM)
Heads	: Up to 60 mts.
Material	: C.I. / Ni. C.I. / Ni Hard / C.S. / SS-304 & 316 / SS-316 L / Alloy 20

VERTICAL SUMP PUMPS

RANGE :

(Suction, branch) 30 mm to 250 mm

CAPACITY :

up to 400 m³/hr (6600 LPM)

HEAD :

up to 120 mts

INSTALLATION DEPTH :

up to 6 mts

FEATURES :

The pumps are so arranged that the complete unit can be lifted from the sump after disconnecting the delivery pipe at the surface level.

These pumps fitted with open non-clog type of impellers can be used for handling slurries and liquids containing suspended solids up to 12 mm diameter and viscous liquid.

Being vertical, the pump requires hardly any floor space. No pump house or shed is required for this pump. It also does not require any special foundation.

The pump is supported just below the motor stool, which is above the highest liquid level. The stool supports the motor and houses a thrust bearing and a coupling.

Pumps can be supplied with high and low level indicators if desired.

Pumps can be supplied in cast iron, cast steel, stainless steels of various composition, bronze, etc.

Please supply the following information with your enquiry so that a suitable pump can be offered without having to request further information.

- 1) Type of liquid, its temperature & specific gravity.
- 2) Solid contents, nature of solids and size.
- 3) Capacity in LPM
- 4) Delivery head

APPLICATIONS :

Pumping out treated sewage, industrial wastes, floor drains, dewatering trenches, flooded areas and transfer and circulation of acids, oils, etc.

Available With:

- Special line bearings for low vibration & longer life
- Semi-open impellers for pumping slurries / sludges
- Mechanical seals for pumping Chemicals & Petrochemicals
- Generally conforming to API 610 specifications

APPLICATIONS :

- Solvents
- Ethanol Pump
- Tank Lorry Filling
- Effluent Handling
- Slurries / Sewage / Sludges
- Chemicals
- Refinery
- Textile
- Process Industries
- Sugar
- Ethanol Blending
- Power
- Petroleum
- Nuclear Plants
- Thermal Plants
- Petrochemicals
- Fertilizer Plants
- Defence
- Steel
- Pharmaceutical

SOME OF OUR CLIENTS:

Indian Oil Corporation Ltd.
Hindustan Petroleum Corpn. Ltd.
Bharat Petroleum Corporation Ltd.
O.N.G.C., Mumbai
Nepal Oil Corporation Ltd.
IBN Co. Ltd.
Indian Oiltanking Ltd.
B.A.R.C., Mumbai
Larsen & Toubro Ltd.
Gujarat Petro-Chem Ltd.

Goa Shipyard Ltd.
Shipping Corporation of India Ltd.
Hindustan Shipyard Ltd.
Indian Navy
Indian Ordnance Factories
Reliance Industries Ltd.
Pidilite Industries Ltd.
Various Electricity Boards
Various Collieries
Various Shipyards

OUR RANGE OF PUMPS :

High Pressure Multi-Stage
Acid Resisting Pumps
Chemical Pumps
Self Priming Multi-Stage Pumps
Dry Self Priming Pumps
Rotary Gear Pumps
Deepwell Turbine Pumps
Special Alloy Pumps
Also Pumps with Mechanical Seals

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