

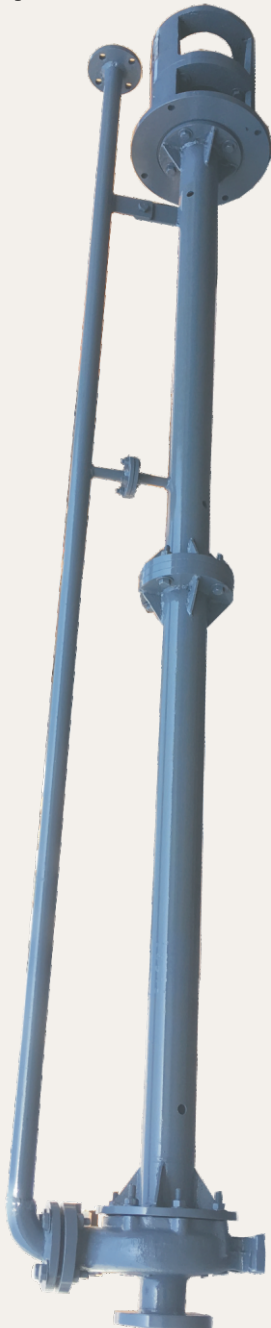


PPSMP SERIES

VERTICAL LONG SHAFT PUMP

Application

- PLASTICO SUMP PUMPS are suitable for handling thin, clean or slightly contaminated liquids, such as water, cooling water, effluent, cleaning products, chemicals and hydrocarbons.
- Sulphuric Acid application, Acid Transfer, Aquariums, Chemical Processing, Chlor-alkali, General Processing Industry, Light Slurries, Organic Chemicals, Polymers, Petrochemical Processing, Slurries, Solvents, Waste Processing.



Benifit :

Available in different materials of construction.
Improved pump efficiency.
Suited for a wide range of duties.
Easy maintenance with low maintenance cost
Pump is compact and space saving.
Designed to meet specific depths and application requirements.
Base plate designed to meet existing support arrangements.

Pump Specifics :

Standardized and modular design.
The discharge connection is facing vertically.
Standard shaft sealing by means of an oil seal, gas tightening option by mechanical seal or stuffing box packing.

Column Pipes and Pump Shafts :

The pump working parts are below base plate
Connects the pump casing with the base plate.
Column pipe protects the shaft.
Supports the eventual intermediate bush bearings.
Sump depth according to customer specification.

Base Plate :

Base plate can be rectangular or round shape as per requirement.
Can be sized according to customer specifications / pit dimensions.
Lifting lugs for easy maintenance

Coupling :

Standard fitted with flexible coupling.
Optionally available with membrane coupling or non-sparking coupling.
Coupling guard to prevent contact to the rotating parts.

Pump Casing / Impeller :

Special Impeller design for low NPSH values.
Closed impellers, Semi-open impellers with wear plate are available depending on requirement.
Anti-rotation devices at impeller inlets.
Suction strainers are provided.
Optimized hydraulic performance.
Suitable for a wide range of liquids.
Impellers protected from clogging.

Operating Data :

Capacity : up to 350 m³/Hr
Length : up to 4 mtrs.
Temperature : up to 160° C
Speed : up to 2800 RPM
Pressure : up to 10 kg/cm²

Material of Construction :

C.I., C.S., SS-304 / 304 L, SS-316 / 316L, Bronze, Alloy-20, CD4MCU, etc...