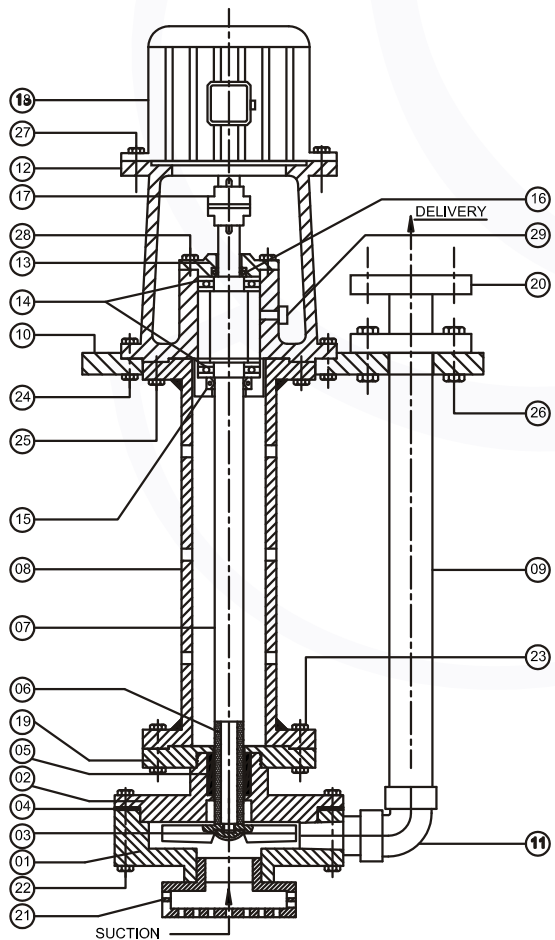


# Vertical Submerged Pump-VSP Series

Heavy Duty Engineered Polypropylene/PVDF Sump-Pump for Primary Effluents/Corrosive Liquids and Scrubbing System:

- Heavy duty design
- Thick walled Volute casing & Back plate
- Semi-open Impeller with large metal insert
- Shaft sealing not required
- Specialized CFT bush bearing at bottom end of shaft to minimize shaft deflection.
- All hard ware are of Polypropylene with metal insert
- Available submerged Length-0.5 mts, 1.0 mts, 1.5 mts, 2.0 mts & 2.5 mts
- Maximum head- 30 mts, Maximum flow-30 m3/hr



\*Technical details available on request.

**WARANTEECLAUSE:** We stand guarantee only the genuinity of PVDF Resin in our pumps but do not stand guarantee for any kind of chemical, physical, & toxicological effects on the same by the liquid handled with our pumps. Since the conditions of handling and use are beyond our control, we make no guarantee of results. We assume no liability for injuries, damages or penalties resulting from its use whether or not our recommendations are followed. Our recommendations are only on the basis of our past experience and should not be taken as guarantee.

## Part List For VSP Pumps

No.	Description	M.O.C.	Qty.
1	Volute Casing	POLYPROPYLENE	1 NO.
2	Back Plate	POLYPROPYLENE	1 NO.
3	Impeller	POLYPROPYLENE	1 NO.
4	Cage Ring	POLYPROPYLENE	2 NOS.
5	Back Plate Bush	CARBON FILLED TEFLON	1 NO.
6	Shaft Sleeve	HAST-B/CERAMIC	1 NO.
7	Shaft With HDPE Sleeve	En8 / HDPE	1 NO.
8	Column Pipe	HDPE	1 NO.
9	Discharge Pipe	HDPE	1 NO.
10	Discharge Flange	POLYPROPYLENE	2 NOS.
11	Discharge Elbow	POLYPROPYLENE	1 NO.
12	Elbow Flange	POLYPROPYLENE	1 NO.
13	Pump Support Plate	M.S. with PP LINING	1 NO.
14	Motor Support Stool - Bottom	C.I.	1 NO.
15	Motor Support Stool - Top	C.I.	1 NO.
16	Bearing Cover - Bottom	C.I.	1 NO.
17	Bearing Cover - Top	C.I.	1 NO.
18	Ball Bearing	SKF - 6207	1 NO.
19	Ball Bearing	SKF - 7306	1 NO.
20	Oil Seal (35 X 60 X 10)	NEOPRENE	3 NOS.
21	Oil Seal (25 X 40 X 10)	NEOPRENE	1 NO.
22	Flexible Coupling	C.I.	1 SET
23	Lock Nut	STEEL	2 NOS.
24	Motor		
25	Eye Bolts	STEEL	2 NOS.
26	Back Plate Flange	POLYPROPYLENE	1 NO.
27	Strainer	POLYPROPYLENE	1 NO.
28	Hardwares For Clamping Cage Ring	STEEL / PP	8 NOS.
29	Hardwares For Clamping Casing & Elbow Flange	STEEL / PP	4 NOS.
30	Hardwares For Clamping Column Pipe & Back Plate	STEEL / PP	6 NOS.
31	Hardwares For Clamping Column Pipe & Pump Support Plate	STEEL / PP	6 NOS.
32	Hardwares For Clamping Discharge Pipe Flange	STEEL / PP	4 NOS.
33	Hardwares For Clamping Bearing Cover	STEEL	8 NOS.
34	Hardwares For Clamping Motor & Motor Stool	STEEL	12 NOS.

### NOTES:

1. The pumps are available in five standard vertical length : 500mm, 1000mm, 1500mm, 2000mm, 2500mm.
2. At the time of ordering spare parts please specify submerge depth size of the pump.
3. The pump is designed up to 1.5 mts. submerge depth single column pipe and from 2 mts. to 2.5 mts. submerge depth the pump is designed with double column pipe.
4. The submersible depth is measured from the pump support plate.