VEER POLYPROPYLENE PUMPS

SERIES : VPP SERIES

Features

- Suitable for corrosive duties in the Process and Chemical Industries.
- Can work continuously.
- Self venting type casing.
- Dynamically and hydraulically balanced impeller with aerodynamic profile vanes.
- Pump casing is provided with external metal ring for construction stability.
- Temp. Range is up to 70°C.

Application

- For handling liquids in various industries like Textile, Paper, Cellulose, Sugar, Steel, Food, Having wide temperature range & fluid, etc...
- Ideal for circulation of chemical in metal finishing industry.
- Natural choice for pickling line & scrubber in steel plants.
- High capacity transfer pump, filter press for Dye & Chemicals, De-sxaling, Oil & other Fuels.
- Water treatment plant, Effluent treatment plant, Electro plating, Pickling & Steel rolling mills.
- Excellent for transfer and loading - unloading like HCL, Sulphuric Acid / Alkali, Caustic lye.
- Scrubbing of corrosive gases like Nh3, Co2, So3, So2, I2, F2, Br2, Ci2, etc...

Design

Horizontal, radically split, one piece volute casing design, fitted with a semi open impeller, single entry single stages. Following standards of PIN 24256 / ISO 5199.

Material of Construction

Casing, Impeller, Back Plate	: PP / GRP / UHMWPE / PVDF
Shaft Sleeve	: GRP / Ceramic / Alloy-20 / Hast Alloy B/C
Bearing Bracket	: C.I. GRFG-26
Shaft	: SS / EN-9 / EN-8
Bearings	: Double ball bearing

Sealing Options :

Externally Mounted Mechanical Seal

Internal Mechanical Seal

Gland Packing

SPECIAL DESIGN For LOW RPM Pumps

PRIMING CHAMBER :

The Solution for Suction left application.

These are available for VPP Series Pumps. Priming Chambers to suit Customer requirement of other models available on request.

Veer Pumps Priming Chamber is used for priming in the event of negative suction condition. This avoids the need of foot valve and frequent priming of the pump.

The priming pot is connected to the pump suction filled with liquid and sealed airtight before initial start up. After starting the pump, the liquid from priming pot is drawn into the pump and the partial vacuum, is created in the pot. Due to partial vacuum, liquid rises in the suction pipe and pushes the air into the pot. This action fills the suction pipe resulting in priming. The air accumulated in the priming pot mixes with liquid and is driven through discharge of the pump.

VEER PUMP INDUSTRIES

Plot No. A/56, Bileshwar Ind. Estate, Opp. G.V.M.M.,
Nr. S.P. Ring Road, Odhav, Ahmedabad, Gujarat - 382415.

www.veerpump.in

वीर पम्प के साथ एक कदम,
समृधि की ओर

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:: PERFORMANCE CHART ::

MODEL	SUCTION IN MM	DELIVERY IN MM	HP	RPM	HEAD IN METER / FLOW IN M³/HR						IMPELLER DIA IN MM
VPP-100	25	25	1.0	2900	12	10	09	07	06	04	100
					00	02	05	08	11	13	
VPP-120	40	32	2.0	2900	17	15	13	11	07	05	120
					00	05	10	13	19	22	
VPP-130	50	40	3.0	2900	23	20	18	15	12	08	130
					00	08	12	18	24	25	
VPP-130 H	40	40	3.0	2900	28	25	21	17	14	09	145
					00	05	10	16	21	26	
VPP-50 R	40	40	2.0	1440	12	11	10	09	08	07	195
					00	05	10	15	20	25	
VPP-50	75	40	3.0	1440	15	13	12	11	10	05	205
					00	05	15	25	32	35	
VPP-55	75	50	5.0	1440	16	15	14	12	10	06	205
					00	05	16	35	45	50	
VPP-160 RL	40	40	2.0	2900	16	14	12	10	08	06	140
					00	04	07	09	11	13	
VPP-160 R	40	40	3.0	2900	25	21	20	15	10	05	150
					00	05	10	15	25	27	
VPP-160	75	40	5.0	2900	30	27	25	20	15	10	160
					00	05	10	20	30	35	
VPP-170	75	50	7.5	2900	35	32	25	20	15	10	160
					00	10	30	40	45	56	
VPP-40	50	40	12.5	2900	50	45	40	35	30	25	190
					00	10	25	30	35	40	
VPP-500 L	50	50	3.0	1440	17	15	13	10	06	04	220
					00	15	25	35	45	51	
VPP-500 H	50	50	15.0	2900	64	60	58	55	50	45	210
					00	20	35	45	52	60	

NOTE : Performance applicable to liquid of specific gravity 1 and viscosity as of water.

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