

PP Vertical Centrifugal Pump (DPV Series)



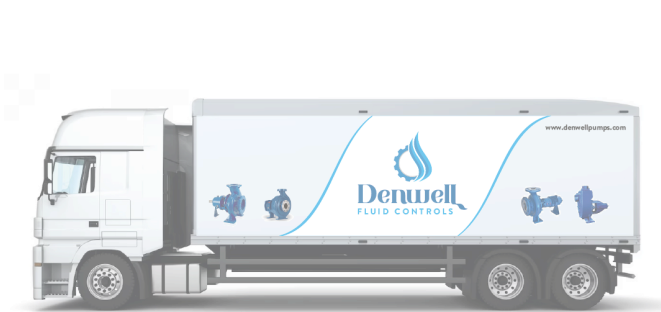
SS Vertical Centrifugal Pump (DSV Series)

"Denwell Fluid Controls" stands as a renowned leader in the realm of Industrial Pumps & Valves manufacturing. Our unwavering commitment to excellence has made us a trusted partner across diverse industries, including Oil & Gas, Petrochemicals, Refineries, Powder, Steel, Chemicals & Fertilizers, Water Treatment, Offshore, Pulp & Paper mills, Food Industries, Paint & Ink, Nuclear, and beyond, both within India and on a global scale.

Our state-of-the-art manufacturing facility proudly holds ISO 9001-2015 Certification, a testament to our dedication to precision and quality. Since our inception, we've ingrained a steadfast ethos centered on the twin pillars of Quality and Customer-centricity, ensuring that every product we deliver surpasses expectations.

At Denwell Fluid Controls, we go beyond the ordinary, offering tailor-made solutions that align perfectly with our customers' unique needs. Our sole motto is "Customer Satisfaction," and this drives us to create customized products and bespoke solutions that stand as a testament to our commitment to excellence.

Choose Denwell Fluid Controls for innovation, reliability, and a steadfast partnership that sets new standards in the industry.



Vertical Centrifugal Pump Technology

Reliable Circulation and Fluid Transfer for Various Liquids

The DPV & DSV series pumps are robust, vertical, seal-less centrifugal pumps designed to provide dependable circulation and transfer of various liquids. Crafted from high-quality materials like PP, PVDF, or AISI 316 stainless steel, these pumps ensure longevity and performance across a wide range of industrial applications.

DPV Series - PP - Plastic Execution (PP or PVDF)

- **High Back Vane Impeller:** Prevents liquid from reaching the motor, ensuring optimal pump operation.
- **Motor Shaft Sleeve:** Constructed from PP or PVDF to eliminate any metal contact with the liquid, preventing corrosion.

DSV Series - SS - Stainless Steel Execution (SS316)

- **Open Impeller Design:** Enhances solid handling capability, making the pump versatile for various applications.
- **Corrosion Resistant Construction:** All wetted metal components are made from durable SS316 stainless steel, offering superior resistance to corrosive substances.

These single-stage pumps feature a design where the pump casing is directly submerged in the liquid and are powered by a reliable asynchronous electric motor. The DPV & DSV series have proven their efficiency and reliability in numerous industrial environments today.

Comprehensive Features

- Leakage-Free Operation
- Low Maintenance Cost
- Replacement for Self-Priming Pumps
- Handles Particles up to 3 mm
- Easy Installation
- Space-Saving Design
- Corrosion Resistant Materials
- High Efficiency with Reliable Performance

Versatile Applications of the DPV & DSV Pump

- | | |
|-------------------------|-------------------------------|
| • Chemical Industries | • Machinery |
| • Foundries | • Wastewater Treatment Plants |
| • Surface Treatment | • Pharmaceuticals |
| • Paint Industry | • Food and Beverage Industry |
| • Mining | • Filtration Units |
| • Textile Industry | • Agitation Descaling |
| • Plating and Anodizing | • Water Treatment Plants |

MOC

Casing	PP or PVDF
Impeller	PP or PVDF
Casing O-Ring	Viton
Motor	1 or 3 Phase, 2 pole, IP55, AC 50 hz
Temperature	PP: Max 70 °C PVDF: Max 100 °C
Submerged Length	up to 400mm

DPV - MOC & Curve

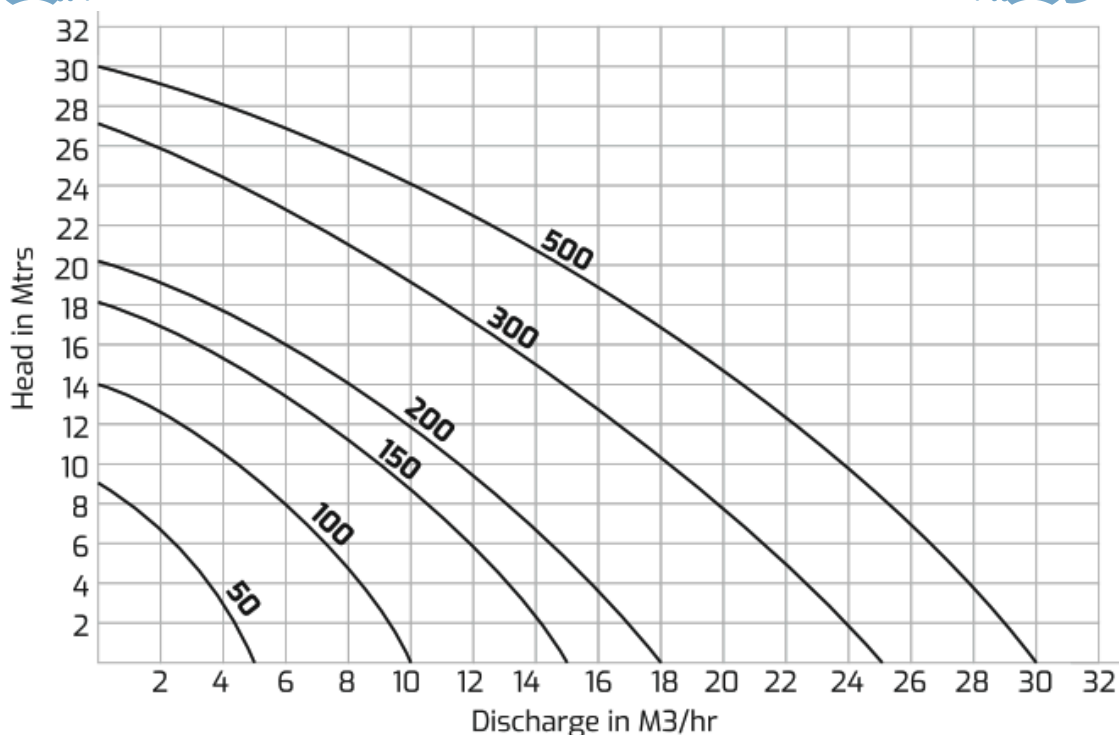


Pump Data

Model	HP	Inlet x outlet Threading	Max Flow LPM	Max Flow M3/hr	Head Meters	Phase
DPV 50	0.5	1"x1" BSP	85	5	9	1/3
DPV 100	1	1"x1" BSP	170	10	14	1/3
DPV 150	1.5	1 1/2" x 1 1/2"	250	15	18	3
DPV 200	2	1 1/2" x 1 1/2"	300	18	20	3
DPV 300	3	2" x 1 1/2"	420	25	27	3
DPV 500	5	2" x 1 1/2"	510	30	30	3



Performance Curve based on water. 2900 RPM



MOC

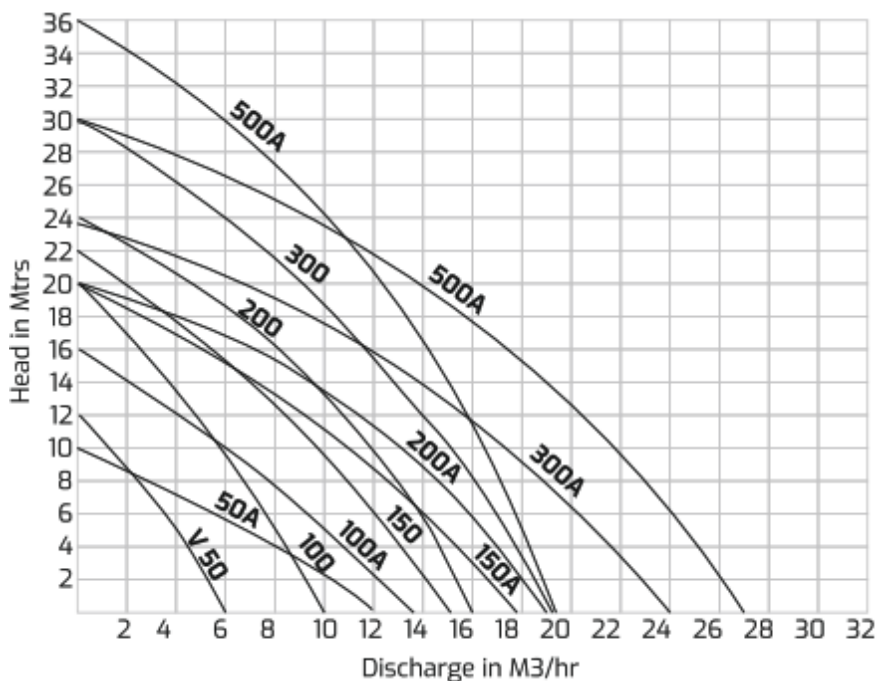
Casing	SS 316
Impeller	SS 316
Casing O-Ring	Viton
Motor	1 or 3 Phase, 2 pole, IP55, AC 50 hz
Temperature	Max 100 °C
Submerged Length	up to 400mm

Pump Data

Model	HP	Inlet x outlet Threading	Max Flow LPM	Max Flow M3/hr	Head Meters	Phase
DSV 50	0.5	1"X1"	100	6	12	Single/Three
DSV 50A	0.5	1.5"X1.5"	200	12	10	Single/Three
DSV 100	1	1"X1"	170	10.2	20	Single/Three
DSV 100A	1	1.5"X1.5"	230	13.8	16	Single/Three
DSV 150	1.5	1.5"X1.5"	250	15	22	Three
DSV 150A	1.5	2"X1.5"	300	18	20	Three
DSV 200	2	2"X1.5"	250	16.2	24	Three
DSV 200A	2	2.5"X2"	325	19.5	20	Three
DSV 300	3	2"X1.5"	300	19.2	30	Three
DSV 300A	3	2.5"X1.5"	398	24	24	Three
DSV 500	5	2"X1.5"	300	19.5	36	Three
DSV 500A	5	2.5"X2"	450	27	30	Three



Performance Curve based on water. 2900 RPM

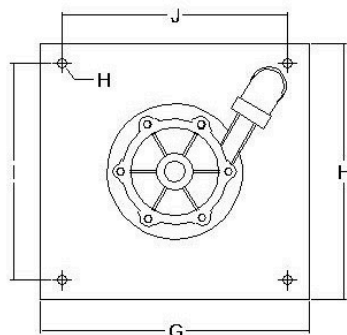
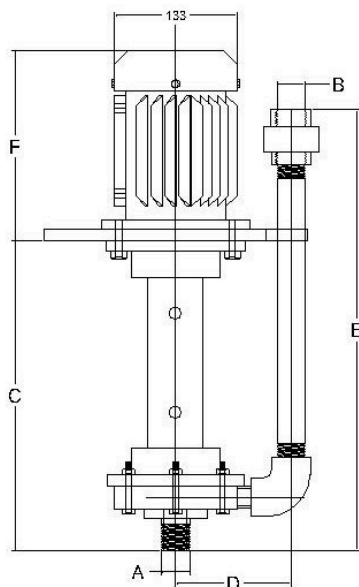


DPV Series - PP or PVDF

Model	A	B	C	D	E	F	G	H	I	J	H	Weight
	BSP Thread											
DPV 50	1"	1"	410	128	580	205	270	270	240	240	12	11 KGS
DPV 100	1"	1"	410	130	580	225	270	270	240	240	12	14 KGS
DPV 150	1.5"	1.5"	410	152	580	262	270	370	240	340	14	17 KGS
DPV 200	1.5"	1.5"	410	152	580	269	270	370	240	340	14	24 KGS
DPV 300	2"	1.5"	410	164	580	294	270	380	240	350	16	29 KGS
DPV 500	2"	1.5"	410	164	580	314	270	380	240	350	16	38 KGS

DSV Series - SS316

Model	A	B	C	D	E	F	G	H	I	J	H	Weight
	BSP Thread											
DSV 50	1"	1"	410	128	580	205	270	270	240	240	12	17 KGS
DSV 50A	1.5"	1.5"	410	128	580	205	270	270	240	240	12	18 KGS
DSV 100	1"	1"	410	130	580	225	270	270	240	240	12	24 KGS
DSV 100A	1.5"	1.5"	410	130	580	225	270	270	240	240	12	25 KGS
DSV 150	1.5"	1.5"	410	152	580	262	270	370	240	340	14	29 KGS
DSV 150A	2"	1.5"	410	152	580	262	270	370	240	340	14	30 KGS
DSV 200	2"	1.5"	410	152	580	269	270	370	240	340	14	36 KGS
DSV 200A	2.5"	2"	410	152	580	269	270	370	240	340	14	38 KGS
DSV 300	2"	1.5"	410	164	580	294	270	380	240	350	16	42 KGS
DSV 300A	2.5"	2"	410	164	580	294	270	380	240	350	16	45 KGS
DSV 500	2"	1.5"	410	164	580	314	270	380	240	350	16	45 KGS
DSV 500A	2.5"	2"	410	164	580	314	270	380	240	350	16	48 KGS





OUR GLOBAL PRESENCE



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