

## VERTICAL SUMP PUMP

## DSPV MODEL

### ▶ Application

- For steamy water pumping in cooling tower
- Hot ETP waste in dyeing mill & pharma industries
- Pumping jet fuel, petrol, diesel with FLP motor

### ▶ Features

- Maximum Capacity : 1100LPM
- Maximum Head : 36 Mtr.
- Impeller type : vortex
- Solids (soft) : 25 mm
- Maximum Temp : 150° C
- Column Length : 3 Meters (As per requirement)
- Highly operational reliability.
- Suitable for turbine lubrication and highly viscous liquids.
- Single-stage vertical mounting.



### ▶ Technical Specification

#### MOTOR

- Supply : 3PH, AC - 50/60 Hz, 380 - 440 volt  
1PH AC, 50 Hz, 210 - 240 V
- Rated speed : 2800 RPM
- Power rating : 1.12 KW - 11.2 KW
- Two pole induction continuously rated motors with squirrel cage rotor and stator insulation F class.

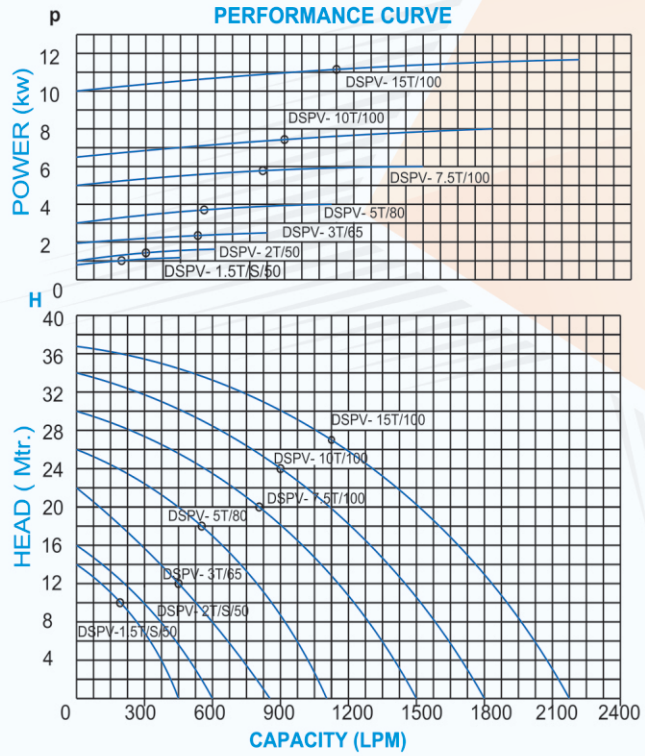
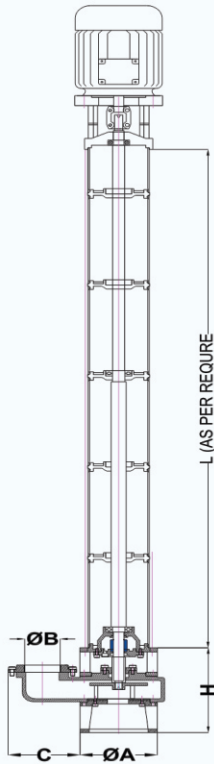
#### SHAFT SEAL

- Mechanical Seal : Silicon vs Silicon In Motor
- Gland packing : Graphite PTFE

#### MATERIAL OF CONSTRUCTION

- Pumps casing : Gr. Casting Fg200
- Impeller : SS 410
- Rotor shaft : SS 410
- Cutter with blade : SS 410 Harden
- Rubber part : Nitrile SHOR - A75 (+/- 5%) or as per applicable

## Performance Curve



## Product Range

PUMP TYPE	MOTOR 1Ø & 3Ø PHASE		DELI. SIZE	WEIGHT (APPX.) (W/O CABLE)	DISCHARGE IN LPM							Overall Dimension				
	H.P	K.W			250	300	450	550	800	900	1100					
TYPE	H.P	K.W	MM.	KG.	Working Range							L	C	ØA	ØB	H
					HEAD IN METER											
DSPV 1.5H 50 1Ph/3Ph	1.50	1.12	50mm.	0	10	06	-	-	-	-	-	AS.P.R.	100	185	50	160
DSPV 2H 50 1Ph/3Ph	2.00	1.50	50mm.	0	12	10	06	02	-	-	-	AS.P.R.	150	190	50	260
DSPV 3H 65 3Ph	3.00	2.25	75mm.	0	20	15	12	09	02	00	-	AS.P.R.	150	190	65	260
DSPV 5H 100 3Ph	5.00	3.75	100mm.	0	24	22	20	12	12	8	-	AS.P.R.	180	240	80	270
DSPV 7.5H 3Ph	7.50	5.75	100mm.	0	28	27	26	20	20	18	13	AS.P.R.	180	240	100	270
DSPV 10H 3Ph	10.0	7.50	100mm.	0	33	32	30	26	26	24	20	AS.P.R.	180	240	100	270
DSPV 15H 3Ph	15.0	11.25	100mm.	0	36	35	34	31	31	30	27	AS.P.R.	180	240	100	270

\* Due to continuous product research & development specification may be change without any notice

## Prakash Pumps

J-29/30, 1st Phase, J type Area, GIDC,  
Vapi - 396195, Gujarat, India.  
info@figpumps.com

+91 26029 64267 | +91 94093 01772



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