

NON-CLOG SEWAGE PUMP

▶ Application

- Sewage Treatment Plant.
- Septic Plant.
- Collecting and settling sump
- To pump dirty water mixed with soft particle like rags & pulp

▶ Features

- Maximum Capacity : 1100 LPM
- Maximum Head : 36 Mtr.
- Impeller Type : Vortex
- Solids (soft) : 25 mm
- Max Temp. : 70° C
- Highly operational reliability.

DSP MODEL



▶ Technical Specification

MOTOR

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

POWER CABLE

- Waterproof / Oil proof PVC insulated double-sheathed copper conductor flexible cable

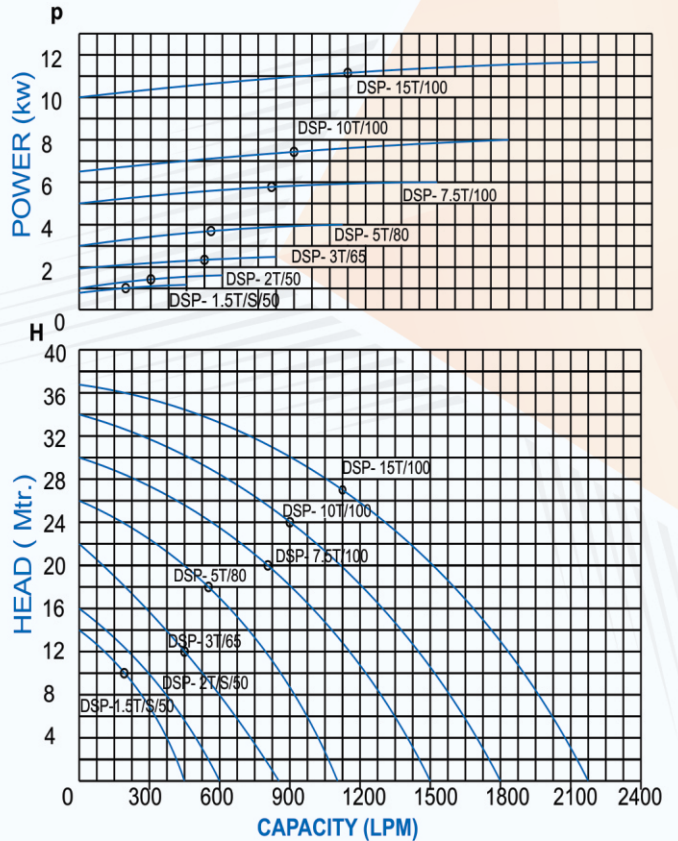
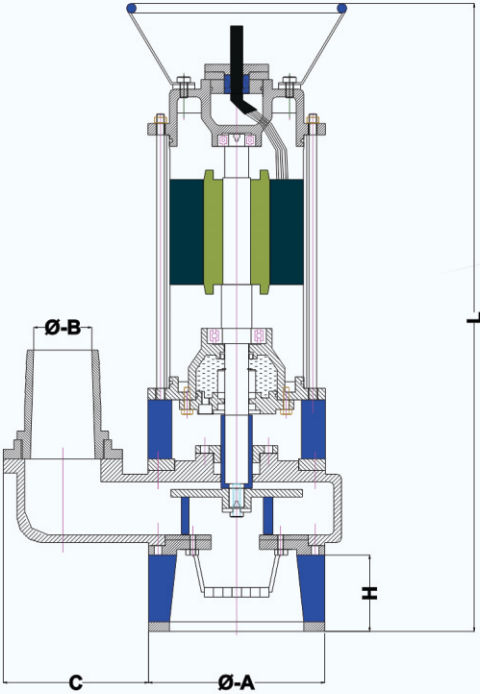
SHAFT SEAL

- Mechanical Seal : Ceramic vs Carbon / Tungsten vs Tungsten Carbide

MATERIAL OF CONSTRUCTION

- Pumps casing : Gr. Casting FG 200
- Impeller : SS 410
- Rotor shaft : SS 410
- Rubber part : Nitrile SHOR - A75 (+/- 5%)

Performance Curve



Product Range

PUMP TYPE	MOTOR 1Ø & 3Ø PHASE		DELI. SIZE	WEIGHT (APPX.) (W/O CABLE)	DISCHARGE IN LPM							Overall Dimension					
					250	300	450	550	800	900	1100						
TYPE	H.P	K.W	MM.	KG.	HEAD IN METER							L	C	ØA	ØB	H	
DSP 1.5H 50 1Ph/3Ph	1.50	1.12	50mm.	35 Kg	10	06	-	-	-	-	-	-	530	100	185	50	70
DSP 2H 50 1Ph/3Ph	2.00	1.50	50mm.	43 Kg	12	10	06	02	-	-	-	-	660	150	190	50	80
DSP 3H 65 3Ph	3.00	2.25	75mm.	50 Kg	20	15	12	09	02	00	-	-	660	150	190	65	80
DSP 5H 80 3Ph	5.00	3.75	100mm.	77 Kg	24	22	20	18	12	08	-	-	670	180	240	80	90
DSP 7.5H 100 3Ph	7.50	5.75	100mm.	83 Kg	28	27	26	24	20	18	13	-	700	180	240	100	90
DSP 10H 100 3Ph	10.0	7.50	100mm.	95 Kg	33	32	30	29	26	24	20	-	730	180	240	100	90
DSP 15H 100 3Ph	15.0	11.25	100mm.	100 Kg	36	35	34	33	31	30	27	-	750	180	240	100	90

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

Prakash Pumps

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