



PRAKASH

Worldwide

Quality, Reliability, Life



DOMESTIC SEWAGE PUMP

Domestic Sewage Pump

Applications

- Municipal Project
- Industrial building
- Mining
- Civil engineering

Specification

- Water temperature : up to 40°C
- PH : 6.5 to 8.5
- Density of liquid : 1.3 g / cm³
- Power Supply: single phase 220V ± 10%, 50 Hz.
- Power : 0.37Kw to 2.2Kw
- Insulation Class: F
- Protection Class : IP 68
- Capacity : up to 42 m³ /h
- Head : up to 17m
- Maximum immersion depth : 5m
- Cable : Length 10mtr

Function and feature

This advanced pump model series, a branch of single-phase drainage pumps, will be your ideal drainage helper. The design of a wide tunnel which helps to convey the solid whose diameter is about 20mm or the long fiber liquid (you need change its filter net.) The selection of bottom suction structure, stainless steel and special cast iron make the pump has the capabilities of complete drain and high resistance of abrasion. The float switch can automatically control on and off with the change of the liquid level. The protector in the motor can automatically cut off the power when it overhead or over current, thus guarantee the security and reliability of pump's run even in the atrocious environment.



Pump Selection Chart

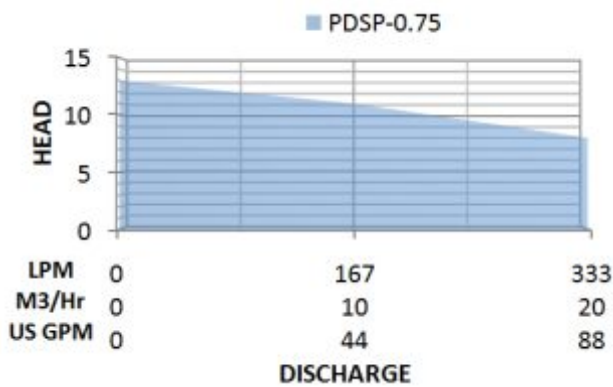
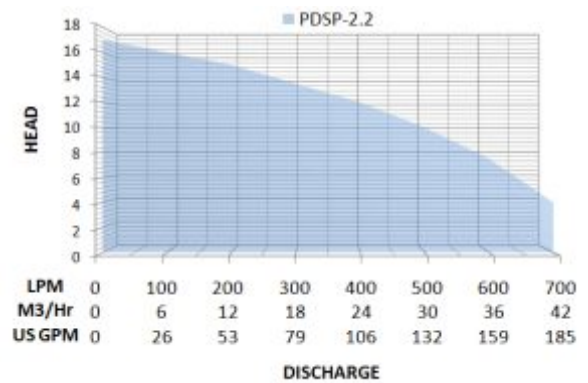
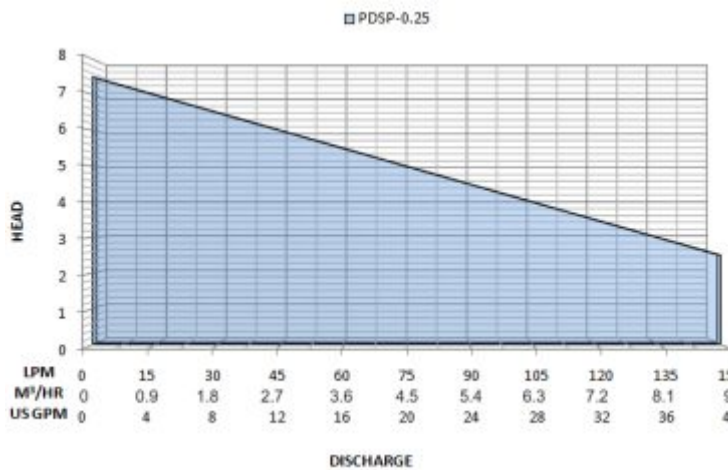
Model	Power		Voltage	Outlet (mm)	Max. Flow (LPM)	Max. Head (mm)	Impeller passage(mm)
	KW	HP					
PDSP-0.25	0.37	0.5	220	40	150	7.5	15
PDSP-2.2	2.2	3		75	700	17	20
PDSP-0.75	0.75	1		50.8	167	10	25

Hydraulic Pump Performance Chart

2900 RPM

Model	Power		Q	US GPM											
	KW	HP		M ³ /H	0	4	8	12	16	20	24	28	32	36	40
				LPM	0	15	30	45	60	75	90	105	120	135	150
PDSP-0.25	0.37	0.5	H Meters	8	7	7	6	6	5	5	4	4	3	3	
Model	Power		Q	US GPM											
	KW	HP		M ³ /H	0	26	53	79	106	132	159	185			
				LPM	0	100	200	300	400	500	600	700			
PDSP-2.2	2.2	3	H Meters	17	16	15	14	12	10	8	4				
Model	Power		Q	US GPM											
	KW	HP		M ³ /H	0	44	88								
				LPM	0	167	333								
PDSP-0.75	0.75	1	H Meters	13	11	8									

Hydraulic Performance Curve



Application



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