



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 \pm 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 overheat or over current, thus guarantee the security and reliability of pump's run even in the atrocious environment.



Pump Selection Chart

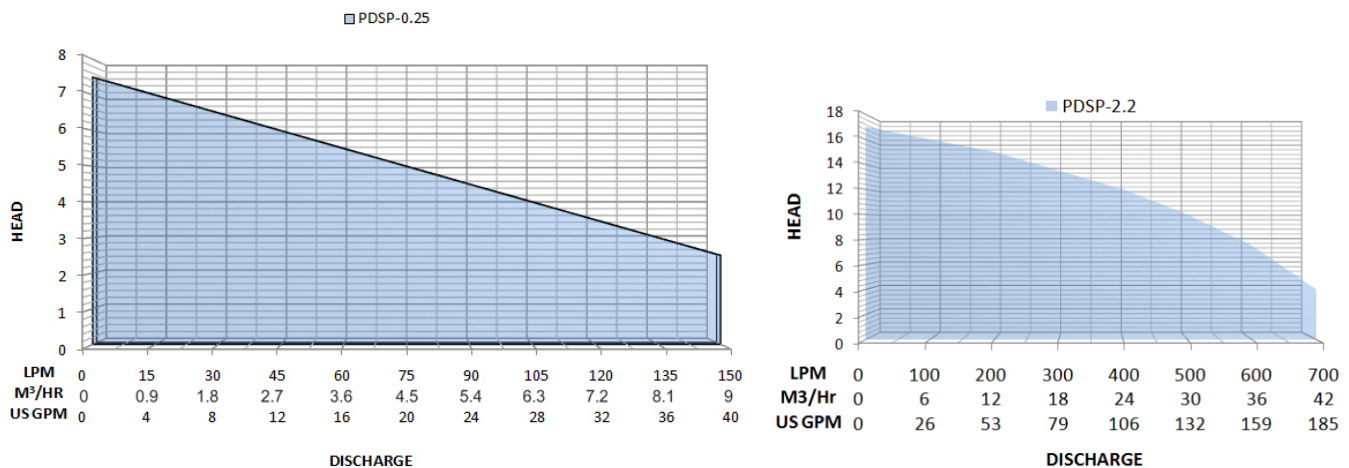
| Model | Power | | Voltage | Outlet (mm) | Max. Flow (LPM) | Max. Head (mm) | Impeller passage(mm) |
|-----------|-------|-----|---------|----------------|--------------------|-------------------|-------------------------|
| | KW | HP | | | | | |
| PDSP-0.25 | 0.37 | 0.5 | 220 | 40 | 150 | 7.5 | 15 |
| 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

| | | | US GPM | 0 | 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 | |
|-----------|-------|-----|----------|------|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Model | Power | | Q | M³/H | 0 | 0.9 | 1.8 | 2.7 | 3.6 | 4.5 | 5.4 | 6.3 | 7.2 | 8.1 | 9 |
| | KW | HP | | 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 | |
| | | | US GPM | 0 | 26 | 53 | 79 | 106 | 132 | 159 | 185 | | | | |
| Model | Power | | Q | M³/H | 0 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | | | |
| | KW | HP | | 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 | | | | |
| | | | US GPM | 0 | 44 | 88 | | | | | | | | | |
| Model | Power | | Q | M³/H | 0 | 10 | 20 | | | | | | | | |
| | KW | HP | | LPM | 0 | 167 | 333 | | | | | | | | |
| PDSP-0.75 | 0.75 | 1 | H Meters | 13 | 11 | 8 | | | | | | | | | |

Hydraulic Performance Curve



Application





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Prakash Pump

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