



WATERING INDIA TO FLOW



“CAST IRON SUBMERSIBLE PUMPS”



LATTEYS®

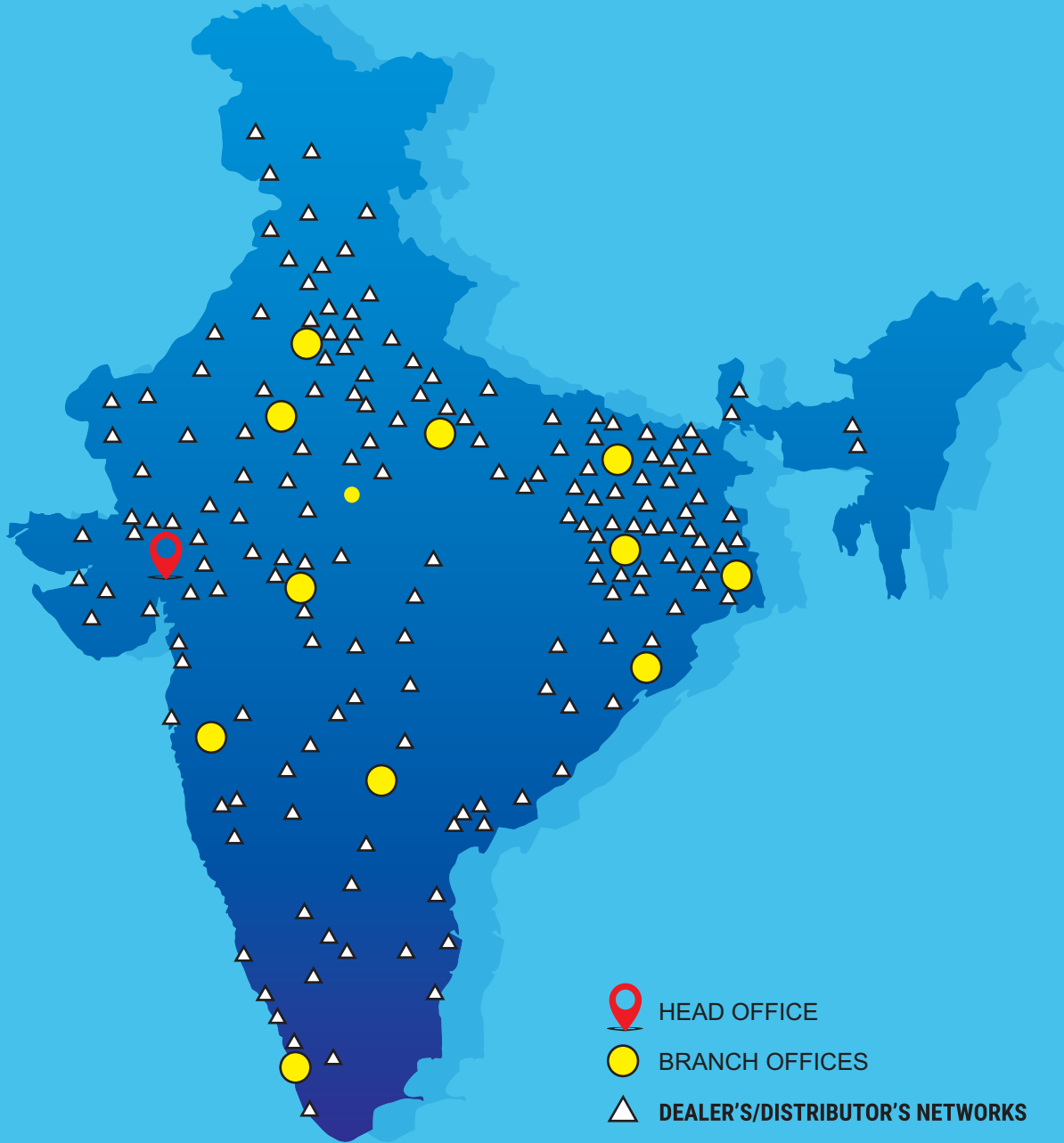
Non Stop Watering



OUR
PRODUCT
RANGE



BRANCH OFFICES/ DEALER NETWORK



OFFICES: AHMEDABAD | BHUBANESHWAR | DELHI | KANPUR |
PATNA | PUNE | RANCHI | INDORE | SECUNDERABAD



Who we are?

As India's leading manufacturer of energy efficient submersible pumps, we are well-known in our industry. We create our products for a number of sectors which include agricultural, industrial, domestic and horticultural.

Our Company is in the business of manufacturing of pumping solutions for Domestic, agriculture & Industrial sectors. Pumps includes Submersible, Self-Priming, Centrifugal Monoblock, Shallow-well and Horizontal Openwell Submersible Pumpsets since year 2004.

Company manufactures more than 700 models of pumps at its portfolio. These pumps are manufactured and marketed all over India. We are pioneer in manufacturing Submersible pumps.

The company started manufacturing in year 2004 in Chhatraal, Gujarat and moved to a strategic location of GIDC Naroda, Gujarat with an area of 5,718 sq. meters in year 2011. The company currently has an installed production capacity of approximate 1,20,000 pumps per annum. The manufacturing facilities are equipped with requisite machineries, measuring instruments and testing equipments to keep up a constant check on quality.

The company is an ISO 9001:2015 certified company for certifying the quality system of our company. Our product are having BIS mark as under:

- | | |
|---------------------------------------|-----------------------|
| 1) Submersible Pumpsets | Against IS 8034:2002 |
| 2) Regenerative Self priming Pumpsets | Against IS 8472:1998 |
| 3) Electrical Monoset Pumps | Against IS 9079:2018 |
| 4) Openwell Submersible Pumpsets | Against IS 14220:2018 |
| 5) Motors for Submersible Pumpsets | Against IS 9283:2013 |

In our Submersible Pumpsets we have about 200 models are having 5 star marking issued from Bureau of Energy Efficiency and we are going to add some more models in our range of star marking products.

Our Company manufactures pumps of various sizes, structures, technicalities which form the deciding factor for the usages and pricing of the product. We require raw materials like EC grade copper winding wire and cable, stainless steel pipe, stainless steel round bar, electrical sheet stamping, CI/SS castings, etc. which are procured from various industries from domestic market. We have a dedicated team of engineers which continuously look for improving the design, performance and quality of the pumps we manufacture. Our customers are mostly dealers and direct users. Our relationship with our wide reached dealers and esteemed customer base are key factors for our success in the industry.

Our Company is promoted and managed by Mr. Kapoor Chand Garg and Mr. Pawan Garg. Our promoters are actively and fully involved in the day-to-day affairs of our company's operations. They have more than a decade of experience in the pumps industry.

Our presence in the business for more than a decade have created a brand image which is also the effort of the industry experience we have, our brand is well accepted by the market and we shall continue to strengthen our brand by providing quality products at competitive rates across the global market in coming years. Strengthen our brand by providing quality products at competitive rates across the global market in coming years.



PUMPS | MOTORS



Miles to go...



Quality Policy

with a focus on continual
improvement in customer centricity

through technological processes & innovation.

We at **Latteys Industries Limited** are compliant to applicable requirements to make our **Quality Management System** the fulcrum to achieve these core objectives and build a institution that continues to be relevant beyond a hundred years.

This policy has been dully communication to all employees & interested Parties/Dealers/Distributors to meet the needs of

QMS ISO 9001 : 2015.

Director

Dated



PUMPS | MOTORS



Watering India to Flow



V5

**SINGLE & THREE PHASE
125MM WATER FILLED
SUBMERSIBLE PUMPSETS**

**BORE SIZE:
MIN. 125MM
MAX OD:
120MM**

V5 SINGLE/THREE PHASE 125MM WATER FILLED SUBMERSIBLE PUMPSETS (RADIAL/MIXED FLOW TYPE) SUITABLE FOR 125MM BORE WELL OR ABOVE

DESCRIPTION

We manufactured Submersible Pumpsets as per IS: 8034 Standard which can be used in the field of advanced technology.

All parts are manufactured and fitted precisely using CNC machine that imparts excellent mechanical strength and reliability. The electrical design of Latteys Motors has been done with polyester Coated winding to improve efficiency and reduce electrical consumption.

5" WATER FILLED SUBMERSIBLE

Salient Features

- Motor fitted with anti-friction pre-lubricated angular contact bearings suitable for axial/radial load and longer life of motor.
- Dynamically Balancing Rotating part to ensure minimum noise and vibration-free operation.
- Electrically designed to lower power consumption and operating cost.
- Pumps available with non-return valve to reduce the backpressure of water when they are switched-off.
- Impeller and Bowl are accurately machined by CNC machine to ensure high dimension accuracy.
- Superior designed cast Iron impellers & diffusers give higher hydraulic performance, greater efficiency and provide higher resistance against wear & tear through sand and other impurities.
- Stainless steel strainer prevents particles over a certain size from entering the pump.

Application

Sprinkler & drip irrigation | Civil & Industries | Fire fighting system | Agriculture | Gardening | Hospitality

MATERIAL OF CONSTRUCTION

| | |
|--------------------|---|
| Motor Body | : Stainless Steel |
| Stator | : Vacuum Impregnated and epoxy coated for corrosion resistance. Thick end laminations are provided to protect motor windings. |
| Rotor | : Coated with polyurethane paint for corrosion resistance and dynamically balanced for vibration free smooth operations. |
| Windings | : PVC/ Polyester insulated. |
| Bearings | : Heavy duty angular contact bearing with high load bearing capacity. |
| Thrust Bearings | : Special Self-aligning and water lubricated to with stand high axial thrust load. |
| Breather diaphragm | : Adequately sized to accommodate expansion of water inside the motor and prevent loss cooling water . |
| Impeller | : High quality abrasion resistant dynamically balanced. |
| Bowl | : High Grade Cast Iron. |
| Shaft | : Stainless Steel of adequate diameter to ensure rigidity and ground to close tolerances. |
| Casing | : High graded Cast Iron. |
| Cable Sealing | : Designed so that no Borewell water with sand can enter the motor. |



V5 SINGLE & THREE PHASE 125MM WATER FILLED SUBMERSIBLE PUMPSET (RADIAL FLOW TYPE) SUITABLE FOR MIN. 125MM BOREWELL OR ABOVE; MAX OD 120MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS, 1-PHASE (UPTO 7.5HP)/415 VOLTS, 3-PHASE, 50 HZ, A.C. SUPPLY

| LPW540R | | | Outlet Size :-50mm (Radial Flow) | | | | | | | |
|--------------|------|-------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 60 | 90 | 110 | 130 | 145 | 160 |
| 2.2 | 3.0 | 7 | | 63 | 58 | 53 | 48 | 44 | 38 | 33 |
| 3.0 | 4.0 | 10 | | 90 | 76 | 71 | 67 | 60 | 57 | 50 |
| 3.7 | 5.0 | 12 | | 108 | 96 | 90 | 85 | 78 | 70 | 65 |
| 4.5 | 6.0 | 14 | | 130 | 124 | 118 | 112 | 106 | 100 | 90 |
| 5.5 | 7.5 | 18 | | 165 | 155 | 145 | 135 | 125 | 117 | 105 |
| 7.5 | 10.0 | 22 | | 200 | 180 | 165 | 150 | 140 | 130 | 120 |
| 9.3 | 12.5 | 30 | | 300 | 280 | 265 | 250 | 240 | 230 | 220 |

| LPW550R | | | Outlet Size :-50mm (Radial Flow) | | | | | | | |
|--------------|-----|-------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 70 | 100 | 120 | 140 | 155 | 170 |
| 2.2 | 3 | 6 | | 55 | 52 | 48 | 44 | 40 | 35 | 28 |
| 3 | 4 | 8 | | 75 | 70 | 65 | 62 | 58 | 54 | 48 |
| 3.7 | 5 | 10 | | 90 | 76 | 71 | 67 | 60 | 57 | 50 |
| 5.5 | 7.5 | 14 | | 130 | 124 | 118 | 112 | 106 | 100 | 90 |
| 5.5 | 7.5 | 16 | | 150 | 142 | 135 | 128 | 122 | 112 | 100 |
| 7.5 | 10 | 18 | | 165 | 155 | 145 | 135 | 125 | 117 | 105 |
| 7.5 | 10 | 20 | | 185 | 175 | 160 | 148 | 138 | 128 | 115 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW560R | | | Outlet Size :-50mm (Radial Flow) | | | | | | | |
|--------------|-----|-------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 100 | 140 | 160 | 190 | 220 | 260 |
| 2.2 | 3 | 5 | | 48 | 43 | 38 | 33 | 28 | 23 | 22 |
| 3.7 | 5 | 8 | | 75 | 70 | 65 | 62 | 58 | 54 | 48 |
| 4.5 | 6 | 10 | | 90 | 76 | 71 | 67 | 60 | 57 | 50 |
| 5.5 | 7.5 | 12 | | 108 | 96 | 90 | 85 | 78 | 70 | 65 |
| 7.5 | 10 | 16 | | 150 | 142 | 135 | 127 | 120 | 115 | 110 |



V5 SINGLE & THREE PHASE 125MM WATER FILLED SUBMERSIBLE PUMPSET (RADIAL FLOW TYPE) SUITABLE FOR MIN. 125MM BOREWELL OR ABOVE; MAX OD 120MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS, 1-PHASE (UPTO 7.5HP)/415 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| LPW570R | | | Outlet Size :-50mm (Radial Flow) | | | | | | | |
|--------------|-----|-------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 130 | 170 | 190 | 220 | 240 | 280 |
| 1.5 | 2 | 3 | | 30 | 25 | 20 | 16 | 10 | 5 | 3 |
| 2.2 | 3 | 4 | | 38 | 35 | 32 | 28 | 24 | 20 | 16 |
| 3 | 4 | 6 | | 55 | 52 | 48 | 44 | 40 | 35 | 28 |
| 3.7 | 5 | 7 | | 63 | 58 | 53 | 48 | 44 | 38 | 33 |
| 5.5 | 7.5 | 10 | | 90 | 76 | 71 | 67 | 60 | 57 | 50 |
| 7.5 | 10 | 14 | | 130 | 124 | 118 | 112 | 106 | 100 | 90 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW580R | | | Outlet Size :-50mm (Radial Flow) | | | | | | | |
|--------------|-----|-------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 195 | 225 | 255 | 290 | 325 | 395 |
| 3 | 4 | 5 | | 48 | 43 | 38 | 33 | 28 | 23 | 24 |
| 3.7 | 5 | 6 | | 55 | 52 | 48 | 44 | 40 | 35 | 34 |
| 5.5 | 7.5 | 9 | | 85 | 80 | 75 | 70 | 65 | 62 | 54 |
| 7.5 | 10 | 12 | | 108 | 96 | 90 | 85 | 78 | 70 | 65 |

| LPW5100R | | | Outlet Size: 50mm (Radial Flow) | | | | | | |
|--------------|-----|-------|---------------------------------|----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 180 | 270 | 325 | 360 | 415 |
| 1.5 | 2 | 2 | | 19 | 16 | 12 | 10 | 7 | 4 |
| 2.2 | 3 | 3 | | 29 | 25 | 20 | 16 | 10 | 5 |
| 3 | 4 | 4 | | 38 | 35 | 32 | 28 | 24 | 20 |
| 3.7 | 5 | 5 | | 48 | 43 | 38 | 33 | 28 | 23 |
| 4.5 | 6 | 6 | | 55 | 52 | 48 | 44 | 40 | 35 |
| 5.5 | 7.5 | 8 | | 75 | 70 | 65 | 62 | 58 | 54 |
| 7.5 | 10 | 10 | | 90 | 76 | 71 | 67 | 60 | 57 |

Performance may vary depending on Voltage, Frequency and Field Condition



V5 SINGLE & THREE PHASE 125MM WATER FILLED SUBMERSIBLE PUMPSET (MIXED FLOW TYPE) SUITABLE FOR MIN. 125MM BOREWELL OR ABOVE; MAX OD 120MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200-240 VOLTS, 1-PHASE (UPTO 7.5HP)/415 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| LPW5100M | | | Outlet Size :-65mm (Mixed Flow) / On Request 75mm | | | | | | |
|--------------|------|-------|---|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 275 | 325 | 375 | 475 | 525 |
| 3 | 4 | 4 | | 40 | 32 | 30 | 28 | 24 | 20 |
| 3.7 | 5 | 5 | | 50 | 40 | 38 | 25 | 30 | 25 |
| 5.5 | 7.5 | 7 | | 70 | 56 | 53 | 49 | 42 | 35 |
| 7.5 | 10 | 8 | | 80 | 64 | 60 | 56 | 48 | 40 |
| 9.3 | 12.5 | 10 | | 100 | 80 | 75 | 70 | 60 | 50 |

| LPW5120M | | | Outlet Size :-65mm (Mixed Flow)/ On Request 75mm | | | | | | |
|--------------|------|-------|--|----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 350 | 400 | 450 | 550 | 600 |
| 3.7 | 5 | 4 | | 40 | 32 | 30 | 28 | 24 | 20 |
| 5.5 | 7.5 | 6 | | 50 | 48 | 45 | 42 | 36 | 30 |
| 7.5 | 10 | 7 | | 60 | 56 | 53 | 49 | 42 | 35 |
| 9.3 | 12.5 | 8 | | 70 | 64 | 60 | 56 | 48 | 40 |

| LPW5150M | | | Outlet Size :-65mm (Mixed Flow)/ On Request 75mm | | | | | | |
|--------------|------|-------|--|----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 450 | 500 | 550 | 650 | 750 |
| 2.2 | 3 | 2 | | 25 | 16 | 15 | 14 | 12 | 10 |
| 3.7 | 5 | 3 | | 35 | 24 | 23 | 21 | 18 | 15 |
| 5.5 | 7.5 | 4 | | 45 | 32 | 30 | 28 | 24 | 20 |
| 7.5 | 10 | 5 | | 55 | 40 | 38 | 35 | 30 | 25 |
| 9.3 | 12.5 | 6 | | 65 | 48 | 45 | 42 | 36 | 30 |

Performance may vary depending on Voltage, Frequency and Field Condition



V5/V6 SINGLE & THREE PHASE 150MM WATER FILLED SUBMERSIBLE PUMPSET (RADIAL FLOW TYPE) SUITABLE FOR MIN. 150MM BOREWELL OR ABOVE; MAX OD 130MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 230 VOLTS, 1-PHASE (UPTO 7.5HP)/415 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| LPW5630R | | | Outlet Size :-50mm (Radial Flow) | | | | | | | |
|--------------|-----|-------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 50 | 80 | 100 | 120 | 130 | 150 |
| 2.2 | 3 | 10 | | 100 | 88 | 77 | 70 | 52 | 42 | 31 |
| 3 | 4 | 12 | | 120 | 106 | 92 | 84 | 62 | 50 | 37 |
| 3 | 4 | 13 | | 128 | 115 | 100 | 91 | 67 | 54 | 40 |
| 3.7 | 5 | 17 | | 168 | 150 | 131 | 118 | 88 | 71 | 52 |
| 4.5 | 6 | 20 | | 198 | 176 | 154 | 139 | 104 | 89 | 52 |
| 5.5 | 7.5 | 25 | | 240 | 220 | 192 | 174 | 130 | 111 | 78 |
| 7.5 | 10 | 30 | | 290 | 264 | 231 | 209 | 156 | 134 | 90 |

| LPW5640R | | | Outlet Size :-50mm (Radial Flow) | | | | | | | |
|--------------|-----|-------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 65 | 120 | 140 | 150 | 165 | 175 |
| 2.2 | 3 | 8 | | 78 | 73 | 68 | 62 | 56 | 50 | 35 |
| 3 | 4 | 10 | | 97 | 93 | 85 | 80 | 74 | 65 | 42 |
| 3.7 | 5 | 13 | | 125 | 108 | 96 | 88 | 78 | 71 | 45 |
| 4.5 | 6 | 16 | | 154 | 150 | 140 | 128 | 120 | 104 | 57 |
| 5.5 | 7.5 | 20 | | 198 | 190 | 175 | 162 | 152 | 134 | 67 |
| 7.5 | 10 | 24 | | 234 | 228 | 210 | 195 | 183 | 162 | 82 |

Performance may vary depending on Voltage, Frequency and Field Condition

V5/V6 SINGLE & THREE PHASE 150MM WATER FILLED SUBMERSIBLE PUMPSET (RADIAL FLOW TYPE) SUITABLE FOR MIN. 150MM BOREWELL OR ABOVE; MAX OD 130MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 230 VOLTS, 1-PHASE (UPTO 7.5HP)/415 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| LPW5650R | | | Outlet Size :-50mm (Radial Flow) | | | | | | | |
|--------------|-----|-------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 70 | 100 | 120 | 140 | 155 | 170 |
| 2.2 | 3 | 6 | | 61 | 58 | 57 | 54 | 49 | 45 | 41 |
| 3 | 4 | 8 | | 82 | 76 | 76 | 72 | 66 | 62 | 55 |
| 3.7 | 5 | 10 | | 102 | 96 | 95 | 90 | 83 | 76 | 69 |
| 3.7 | 5 | 12 | | 122 | 115 | 114 | 108 | 99 | 92 | 83 |
| 4.5 | 6 | 14 | | 143 | 134 | 133 | 126 | 116 | 107 | 97 |
| 5.5 | 7.5 | 14 | | 143 | 134 | 133 | 126 | 116 | 107 | 97 |
| 5.5 | 7.5 | 16 | | 163 | 154 | 153 | 144 | 133 | 124 | 111 |
| 7.5 | 10 | 18 | | 184 | 174 | 173 | 162 | 150 | 140 | 125 |
| 7.5 | 10 | 20 | | 204 | 193 | 192 | 181 | 167 | 156 | 139 |

| LPW5660R | | | Outlet Size :-50mm (Radial Flow) | | | | | | | |
|--------------|-----|-------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 100 | 140 | 160 | 190 | 220 | 260 |
| 2.2 | 3 | 4 | | 44 | 41 | 39 | 37 | 34 | 32 | 28 |
| 2.2 | 3 | 5 | | 54 | 52 | 49 | 46 | 42 | 40 | 35 |
| 3.0 | 4 | 6 | | 65 | 60 | 59 | 56 | 53 | 49 | 42 |
| 3.7 | 5 | 8 | | 87 | 83 | 80 | 75 | 71 | 67 | 57 |
| 4.5 | 6 | 10 | | 109 | 102 | 100 | 95 | 90 | 85 | 70 |
| 5.5 | 7.5 | 12 | | 130 | 122 | 120 | 115 | 110 | 103 | 84 |
| 7.5 | 10 | 14 | | 152 | 142 | 140 | 135 | 130 | 121 | 99 |
| 7.5 | 10 | 16 | | 174 | 162 | 159 | 155 | 150 | 136 | 115 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW5680R | | | Outlet Size :-50mm (Radial Flow) | | | | | | | | |
|--------------|-----|-------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 195 | 225 | 255 | 290 | 325 | 365 | 395 |
| 2.2 | 3 | 3 | | 34 | 31 | 30 | 29 | 26 | 23 | 21 | 17 |
| 2.2 | 3 | 4 | | 45 | 41 | 40 | 38 | 35 | 31 | 28 | 22 |
| 3.0 | 4 | 5 | | 56 | 50 | 48 | 44 | 40 | 35 | 30 | 24 |
| 3.7 | 5 | 6 | | 68 | 63 | 61 | 57 | 53 | 47 | 41 | 34 |
| 3.7 | 5 | 7 | | 79 | 68 | 66 | 64 | 61 | 56 | 48 | 36 |
| 4.5 | 6 | 8 | | 90 | 83 | 79 | 75 | 68 | 58 | 50 | 40 |
| 5.5 | 7.5 | 9 | | 101 | 93 | 89 | 84 | 77 | 68 | 54 | 44 |
| 5.5 | 7.5 | 10 | | 112 | 103 | 99 | 93 | 86 | 76 | 63 | 49 |
| 7.5 | 10 | 12 | | 136 | 123 | 119 | 113 | 105 | 95 | 80 | 65 |
| 7.5 | 10 | 13 | 148 | 134 | 129 | 123 | 114 | 103 | 87 | 71 | |

| LPW56100R | | | Outlet Size :-50mm (Radial Flow) | | | | | | | | |
|--------------|-----|-------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 270 | 300 | 340 | 370 | 415 | 475 | 510 |
| 2.2 | 3 | 3 | | 38 | 33 | 31 | 29 | 27 | 25 | 22 | 19 |
| 3.0 | 4 | 4 | | 48 | 37 | 35 | 32 | 30 | 37 | 23 | 20 |
| 3.7 | 5 | 5 | | 50 | 53 | 51 | 47 | 44 | 39 | 35 | 31 |
| 4.5 | 6 | 6 | | 73 | 60 | 59 | 56 | 54 | 50 | 45 | 42 |
| 5.5 | 7.5 | 7 | | 86 | 68 | 67 | 66 | 64 | 61 | 56 | 49 |
| 5.5 | 7.5 | 8 | | 97 | 80 | 77 | 73 | 68 | 63 | 58 | 52 |
| 7.5 | 10 | 9 | | 108 | 90 | 87 | 82 | 76 | 70 | 65 | 58 |
| 7.5 | 10 | 10 | | 124 | 105 | 102 | 97 | 89 | 81 | 76 | 67 |

Performance may vary depending on Voltage, Frequency and Field Condition

V5/V6 SINGLE & THREE PHASE 150MM WATER FILLED SUBMERSIBLE PUMPSET (MIXED FLOW TYPE) SUITABLE FOR MIN. 150MM BOREWELL OR ABOVE; MAX OD 142MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 230 VOLTS, 1-PHASE (UPTO 7.5HP)/415 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| LPW5100M | | | Outlet Size: 65mm (Mixed Flow)/ On Request 75mm | | | | | | |
|--------------|------|-------|--|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 275 | 325 | 375 | 475 | 525 |
| 3 | 4 | 4 | | 40 | 32 | 30 | 28 | 24 | 20 |
| 3.7 | 5 | 5 | | 50 | 40 | 38 | 25 | 30 | 25 |
| 5.5 | 7.5 | 7 | | 70 | 56 | 53 | 49 | 42 | 35 |
| 7.5 | 10 | 8 | | 80 | 64 | 60 | 56 | 48 | 40 |
| 9.3 | 12.5 | 10 | | 100 | 80 | 75 | 70 | 60 | 50 |

| LPW5120M | | | Outlet Size: 65mm (Mixed Flow)/ On Request 75mm | | | | | | |
|--------------|------|-------|--|----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 350 | 400 | 450 | 550 | 600 |
| 3.7 | 5 | 4 | | 40 | 32 | 30 | 28 | 24 | 20 |
| 5.5 | 7.5 | 6 | | 50 | 48 | 45 | 42 | 36 | 30 |
| 7.5 | 10 | 7 | | 60 | 56 | 53 | 49 | 42 | 35 |
| 9.3 | 12.5 | 8 | | 70 | 64 | 60 | 56 | 48 | 40 |

| LPW5150M | | | Outlet Size :-65mm (Mixed Flow)/ On Request 75mm | | | | | | |
|--------------|------|-------|---|----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 450 | 500 | 550 | 650 | 750 |
| 2.2 | 3 | 2 | | 25 | 16 | 15 | 14 | 12 | 10 |
| 3.7 | 5 | 3 | | 35 | 24 | 23 | 21 | 18 | 15 |
| 5.5 | 7.5 | 4 | | 45 | 32 | 30 | 28 | 24 | 20 |
| 7.5 | 10 | 5 | | 55 | 40 | 38 | 35 | 30 | 25 |
| 9.3 | 12.5 | 6 | | 65 | 48 | 45 | 42 | 36 | 30 |

Performance may vary depending on Voltage, Frequency and Field Condition

V5-V4 SINGLE & THREE PHASE 100MM WATER FILLED SUBMERSIBLE PUMPSET (RADIAL FLOW TYPE) SUITABLE FOR MIN. 130MM BOREWELL OR ABOVE; MAX OD 120MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200~230 VOLTS, 1-PHASE 380~415 VOLTS, 3-PHASE, 50 Hz. A.C. SUPPLY

| LPW54RHA2B | | | Outlet Size: 32mm (Radial Flow) | | | | | | | | | |
|--------------|------|-------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 25 | 35 | 38 | 42 | 46 | 55 | 60 | 65 |
| 2.2 | 3.00 | 24 | | 167 | 147 | 135 | 123 | 111 | 96 | 57 | 47 | 43 |
| 2.2 | 3.00 | 27 | | 188 | 166 | 151 | 139 | 124 | 108 | 64 | 53 | 47 |
| 2.2 | 3.00 | 32 | | 223 | 197 | 179 | 164 | 146 | 128 | 76 | 62 | 57 |
| 3.0 | 4.00 | 36 | | 251 | 221 | 201 | 184 | 166 | 143 | 85 | 70 | 63 |
| 3.7 | 5.00 | 42 | | 293 | 257 | 235 | 215 | 193 | 168 | 101 | 81 | 74 |
| 4.5 | 6.00 | 48 | | 335 | 295 | 269 | 247 | 221 | 192 | 155 | 95 | 87 |
| 5.5 | 7.50 | 60 | | 415 | 370 | 338 | 310 | 278 | 240 | 145 | 119 | 108 |

| LPW54RHA3B | | | Outlet Size: 32mm (Radial Flow) | | | | | | | |
|--------------|------|-------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 30 | 40 | 50 | 60 | 80 | 90 |
| 2.2 | 3.00 | 19 | | 130 | 115 | 110 | 100 | 90 | 62 | 44 |
| 2.2 | 3.00 | 23 | | 155 | 140 | 130 | 121 | 109 | 76 | 53 |
| 3.0 | 4.00 | 27 | | 182 | 162 | 155 | 145 | 130 | 90 | 62 |
| 3.0 | 4.00 | 34 | | 230 | 204 | 196 | 179 | 162 | 111 | 78 |
| 3.7 | 5.00 | 36 | | 245 | 216 | 207 | 189 | 171 | 117 | 81 |
| 3.7 | 5.00 | 40 | | 270 | 240 | 230 | 210 | 190 | 130 | 90 |
| 4.5 | 6.00 | 45 | | 305 | 270 | 260 | 240 | 215 | 145 | 102 |
| 4.5 | 6.00 | 50 | | 340 | 300 | 290 | 265 | 240 | 165 | 115 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW54RHA5B | | | Outlet Size: 50mm (Radial Flow) | | | | | | | |
|--------------|------|-------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 55 | 65 | 85 | 95 | 115 | 135 |
| 2.2 | 3.00 | 21 | | 130 | 110 | 104 | 95 | 90 | 72 | 50 |
| 3.0 | 4.00 | 29 | | 180 | 150 | 145 | 130 | 122 | 100 | 68 |
| 3.7 | 5.00 | 38 | | 235 | 200 | 190 | 170 | 160 | 135 | 90 |
| 5.5 | 7.50 | 52 | | 320 | 270 | 260 | 230 | 215 | 178 | 120 |

| LPW54RHA7B | | | Outlet Size: 50mm (Radial Flow) | | | | | | | |
|--------------|------|-------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 60 | 80 | 100 | 120 | 140 | 160 |
| 2.2 | 3.00 | 13 | | 90 | 80 | 75 | 70 | 65 | 60 | 50 |
| 3.0 | 4.00 | 16 | | 108 | 98 | 92 | 88 | 82 | 74 | 64 |
| 3.7 | 5.00 | 23 | | 155 | 140 | 132 | 128 | 120 | 108 | 92 |
| 4.0 | 6.00 | 28 | | 185 | 170 | 163 | 155 | 145 | 130 | 113 |
| 5.5 | 7.50 | 32 | | 210 | 192 | 185 | 175 | 164 | 144 | 128 |

Performance may vary depending on Voltage, Frequency and Field Condition



PUMPS | MOTORS



Watering India to Flow



V6

SINGLE & THREE PHASE
150MM WATER FILLED
SUBMERSIBLE PUMPSETS

BORE SIZE:
MIN. 150MM
MAX OD:
142MM



V6 SINGLE/THREE PHASE 150MM WATER FILLED SUBMERSIBLE PUMPSETS (RADIAL/MIXED FLOW TYPE) SUITABLE FOR 150MM BORE WELL OR ABOVE

DESCRIPTION

We manufactured Submersible Pumpsets as per IS: 8034 Standard which can be used in the field of advanced technology.

All parts are manufactured and fitted precisely using CNC machine that imparts excellent mechanical strength and reliability. The electrical design of Latteys Motors has been done with polyester Coated winding to improve efficiency and reduce electrical consumption.

6" WATER FILLED SUBMERSIBLE

Salient Features

- Induction motors are easily re-windable using multi layer PVC insulated wire for better reliability.
- Motor filled with water gives better cooling to winding as well as bush.
- Self-aligned carbon Stainless steel thrust bearing which withstands high axial thrust load in water lubrication.
- Electrically designed to lower power consumption and operating cost.
- Non-magnetic, corrosion-resistant high-grade stainless steel stator body.
- Water-filled motor is available in capacitor start and run design.
- Gun Metal bush is made with additional centrifugal molding process and 2% Nickel is added.
- Superior designed cast iron/SS impellers and diffusers give higher hydraulic performance and greater efficiency and provide higher resistance against wear and tear from sand and other impurities.
- Dynamically balanced rotating parts to ensure minimum noise and vibration.
- Hydraulic parts are made with Investment Casting or Die-base molding process, which gives higher performance and higher efficiency.
- Individually and accurately balanced impeller gives better performance for lower power consumption.
- The pump shaft is made of stainless steel hardened and ground to close tolerance.
- Fitted with NRV & Flap to absorb thrust generated during switch off operation.

Application

Sprinkler & drip irrigation | Civil & Industries | Fire fighting system | Agriculture | Gardening | Hospitality

MATERIAL OF CONSTRUCTION

| | |
|--------------------|---|
| Motor Body | : Stainless Steel |
| Stator | : Vacuum Impregnated and epoxy coated for corrosion resistance. Thick end laminations are provided to protect motor windings. |
| Rotor | : Coated with polyurethane paint for corrosion resistance and dynamically balanced for vibration free smooth operations. |
| Windings | : PVC/ Polyester insulated. |
| Bearings | : Heavy duty angular contact bearing with high load bearing capacity. |
| Thrust Bearings | : Special Self-aligning and water lubricated to with stand high axial thrust load. |
| Breather diaphragm | : Adequately sized to accommodate expansion of water inside the motor and prevent loss cooling water . |
| Impeller | : High quality abrasion resistant dynamically balanced. |
| Bowl | : High Grade Stainless Steel/Cast Iron. |
| Shaft | : Stainless Steel of adequate diameter to ensure rigidity and ground to close tolerances. |
| Casing | : High graded Cast Iron. |
| Cable Sealing | : Designed so that no Borewell water with sand can enter the motor. |

V6 SINGLE & THREE PHASE 150MM WATER FILLED SUBMERSIBLE PUMPSET (RADIAL FLOW TYPE) SUITABLE FOR MIN. 150MM BOREWELL OR ABOVE; MAX OD 142MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200~230 VOLTS, 1-PHASE (UPTO 7.5HP)/ 380~415 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| LPW30R | | | Outlet Size :-50mm (Radial Flow) | | | | | | | |
|--------------|-----|-------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 50 | 80 | 100 | 120 | 130 | 150 |
| 2.2 | 3 | 10 | | 104 | 91 | 88 | 81 | 71 | 66 | 56 |
| 3 | 4 | 12 | | 125 | 110 | 106 | 97 | 85 | 80 | 67 |
| 3.7 | 5 | 17 | | 177 | 155 | 150 | 138 | 121 | 113 | 95 |
| 4.5 | 6 | 20 | | 208 | 183 | 176 | 162 | 142 | 133 | 112 |
| 5.5 | 7.5 | 25 | | 260 | 228 | 220 | 203 | 178 | 166 | 140 |
| 7.5 | 10 | 30 | | 312 | 274 | 264 | 243 | 213 | 199 | 168 |

| LPW40R | | | Outlet Size: 50mm (Radial Flow) | | | | | | | | | |
|--------------|------|-------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
| kW | HP | Stage | Head(M) | 100 | 105 | 111 | 118 | 126 | 152 | 158 | 179 | 200 |
| 2.2 | 3 | 8 | | 88 | 82 | 79 | 70 | 68 | 62 | 55 | 47 | 33 |
| 3 | 4 | 10 | | 110 | 100 | 96 | 87 | 83 | 78 | 68 | 58 | 42 |
| 3.7 | 5 | 14 | | 153 | 140 | 134 | 123 | 117 | 110 | 97 | 82 | 59 |
| 4.5 | 6 | 16 | | 175 | 160 | 153 | 140 | 133 | 125 | 111 | 93 | 67 |
| 5.5 | 7.5 | 18 | | 195 | 180 | 173 | 158 | 150 | 141 | 125 | 105 | 75 |
| 5.5 | 7.5 | 20 | | 218 | 200 | 192 | 176 | 167 | 157 | 138 | 117 | 84 |
| 7.5 | 10 | 24 | | 260 | 240 | 230 | 210 | 200 | 188 | 166 | 140 | 100 |
| 9.3 | 12.5 | 30 | | 325 | 300 | 288 | 263 | 251 | 234 | 210 | 176 | 126 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW50R | | | Outlet Size: 50mm (Radial Flow) | | | | | | | | | |
|--------------|------|-------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
| kW | HP | Stage | Head(M) | 115 | 142 | 147 | 173 | 194 | 210 | 242 | 263 | 284 |
| 2.2 | 3.0 | 6 | | 73 | 66 | 64 | 60 | 56 | 53 | 44 | 40 | 33 |
| 3 | 4.0 | 8 | | 96 | 88 | 85 | 80 | 76 | 70 | 60 | 53 | 44 |
| 3.7 | 5.0 | 10 | | 113 | 110 | 107 | 101 | 95 | 88 | 74 | 66 | 56 |
| 4.5 | 6.0 | 12 | | 148 | 132 | 127 | 120 | 114 | 106 | 90 | 80 | 66 |
| 5.5 | 7.5 | 16 | | 196 | 177 | 171 | 160 | 150 | 141 | 118 | 106 | 90 |
| 7.5 | 10.0 | 18 | | 220 | 198 | 190 | 189 | 169 | 159 | 133 | 119 | 101 |
| 7.5 | 10.0 | 20 | | 245 | 220 | 212 | 200 | 188 | 176 | 148 | 132 | 115 |
| 9.3 | 12.5 | 24 | | 295 | 265 | 255 | 240 | 225 | 211 | 178 | 158 | 134 |
| 11 | 15.0 | 28 | | 345 | 310 | 297 | 280 | 263 | 246 | 210 | 185 | 157 |
| 13 | 17.5 | 30 | | 365 | 330 | 318 | 300 | 282 | 264 | 222 | 198 | 168 |
| 13 | 17.5 | 32 | 390 | 353 | 340 | 320 | 300 | 283 | 236 | 212 | 180 | |

V6 SINGLE & THREE PHASE 150MM WATER FILLED SUBMERSIBLE PUMPSET (RADIAL FLOW TYPE) SUITABLE FOR MIN. 150MM BOREWELL OR ABOVE; MAX OD 142MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200~230 VOLTS, 1-PHASE (UPTO 7.5HP)/ 380~415 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| LPW60R | | | Outlet Size: 50mm (Radial Flow) | | | | | | | | | |
|--------------|------|-------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
| kW | HP | Stage | Head(M) | 148 | 180 | 190 | 210 | 226 | 230 | 257 | 295 | 341 |
| 2.2 | 3 | 5 | | 60 | 53 | 49 | 45 | 40 | 35 | 25 | 22 | 18 |
| 3 | 4 | 6 | | 75 | 72 | 64 | 60 | 55 | 54 | 50 | 42 | 30 |
| 3.7 | 5 | 8 | | 100 | 96 | 85 | 80 | 73 | 72 | 67 | 56 | 40 |
| 4.5 | 6 | 10 | | 125 | 120 | 110 | 96 | 92 | 90 | 83 | 70 | 50 |
| 5.5 | 7.5 | 12 | | 146 | 144 | 128 | 120 | 110 | 108 | 100 | 84 | 60 |
| 7.5 | 10 | 16 | | 195 | 192 | 171 | 160 | 147 | 144 | 133 | 112 | 80 |
| 9.3 | 12.5 | 20 | | 245 | 240 | 213 | 200 | 183 | 180 | 166 | 140 | 100 |
| 11 | 15 | 22 | | 270 | 265 | 235 | 220 | 202 | 198 | 183 | 154 | 110 |
| 13 | 17.5 | 25 | | 305 | 300 | 267 | 250 | 229 | 225 | 208 | 175 | 125 |
| 15 | 20.0 | 32 | | 390 | 385 | 341 | 320 | 294 | 288 | 267 | 224 | 160 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW80R | | | Outlet Size:- 50mm (Radial Flow) | | | | | | | Pr | |
|--------------|------|-------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 120 | 224 | 275 | 285 | 305 | 334 | 355 | 375 |
| 3.0 | 4.0 | 5.0 | | 60 | 55 | 50 | 48 | 45 | 40 | 35 | 31 |
| 3.7 | 5.0 | 6.0 | | 72 | 66 | 60 | 58 | 54 | 48 | 42 | 37 |
| 4.0 | 6.0 | 8.0 | | 96 | 88 | 80 | 77 | 72 | 64 | 56 | 50 |
| 5.5 | 7.5 | 10.0 | | 120 | 110 | 100 | 96 | 90 | 80 | 70 | 62 |
| 7.5 | 10.0 | 13.0 | | 156 | 143 | 130 | 125 | 117 | 104 | 91 | 81 |
| 9.3 | 12.5 | 15.0 | | 180 | 165 | 150 | 144 | 135 | 120 | 105 | 93 |
| 11.0 | 15.0 | 16.0 | | 192 | 176 | 160 | 154 | 144 | 128 | 112 | 99 |
| 13.0 | 17.5 | 20.0 | | 240 | 220 | 200 | 192 | 180 | 160 | 140 | 124 |
| 15.0 | 20.0 | 25.0 | | 300 | 275 | 250 | 240 | 225 | 200 | 175 | 155 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW100R | | | Outlet Size: 50mm (Radial Flow) | | | | | | | | | |
|--------------|------|-------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
| kW | HP | Stage | Head(M) | 234 | 255 | 290 | 320 | 335 | 360 | 390 | 410 | 435 |
| 3.7 | 5.0 | 5.0 | | 62 | 58 | 54 | 50 | 46 | 43 | 38 | 34 | 30 |
| 4.5 | 6.0 | 6.0 | | 74 | 70 | 65 | 60 | 55 | 52 | 46 | 41 | 36 |
| 5.5 | 7.5 | 8.0 | | 99 | 93 | 86 | 80 | 74 | 69 | 61 | 54 | 48 |
| 7.5 | 10.0 | 10.0 | | 124 | 116 | 108 | 100 | 92 | 86 | 76 | 68 | 60 |
| 9.3 | 12.5 | 11.0 | | 136 | 128 | 119 | 110 | 101 | 95 | 84 | 75 | 66 |
| 9.3 | 12.5 | 12.0 | | 149 | 139 | 130 | 120 | 110 | 103 | 91 | 82 | 72 |
| 9.3 | 12.5 | 13.0 | | 161 | 151 | 140 | 130 | 120 | 112 | 99 | 88 | 78 |
| 11.0 | 15.0 | 14.0 | | 174 | 162 | 151 | 140 | 129 | 120 | 106 | 95 | 84 |
| 11.0 | 15.0 | 15.0 | | 186 | 174 | 162 | 150 | 138 | 129 | 114 | 102 | 90 |
| 13.0 | 17.5 | 16.0 | | 198 | 186 | 173 | 160 | 147 | 138 | 122 | 109 | 96 |
| 13.0 | 17.5 | 17.0 | | 211 | 197 | 184 | 170 | 156 | 146 | 129 | 116 | 102 |
| 15.0 | 20.0 | 20.0 | | 248 | 232 | 216 | 200 | 184 | 172 | 152 | 136 | 120 |
| 18.5 | 25.0 | 25.0 | | 310 | 290 | 270 | 250 | 230 | 215 | 190 | 170 | 150 |
| 22.5 | 30.0 | 30.0 | | 372 | 348 | 324 | 300 | 276 | 258 | 228 | 204 | 180 |

V6 SINGLE & THREE PHASE 150MM WATER FILLED SUBMERSIBLE PUMPSET (RADIAL FLOW TYPE) RHA SERIES 50 FEET SUITABLE FOR MIN. 150MM BOREWELL OR ABOVE; MAX OD 142MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200~230 VOLTS, 1-PHASE (UPTO 7.5HP)/ 380~415 VOLTS, 3-PHASE, 50 Hz. A.C. SUPPLY

| LPW650RH | | | Outlet Size: 50mm (Radial Flow) | | | | | | | | | |
|--------------|------|-------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 50 | 75 | 96 | 120 | 145 | 165 | 178 | 195 |
| 2.2 | 3.0 | 6 | | 94 | 90 | 84 | 78 | 65 | 60 | 48 | 36 | 24 |
| 3.0 | 4.0 | 8 | | 125 | 120 | 112 | 104 | 88 | 80 | 64 | 48 | 32 |
| 3.7 | 5.0 | 10 | | 156 | 150 | 140 | 130 | 110 | 100 | 80 | 60 | 40 |
| 4.5 | 6.0 | 12 | | 187 | 180 | 168 | 156 | 132 | 120 | 96 | 72 | 48 |
| 5.5 | 7.5 | 15 | | 235 | 225 | 210 | 195 | 165 | 150 | 120 | 90 | 60 |
| 7.5 | 10.0 | 20 | | 312 | 300 | 280 | 260 | 220 | 200 | 160 | 120 | 80 |
| 9.3 | 12.5 | 24 | | 374 | 360 | 336 | 312 | 264 | 240 | 192 | 140 | 96 |
| 9.3 | 12.5 | 25 | | 390 | 375 | 351 | 327 | 279 | 255 | 207 | 155 | 111 |
| 11 | 15 | 30 | | 495 | 465 | 435 | 428 | 380 | 355 | 285 | 225 | 150 |
| 13 | 17.5 | 35 | | 540 | 510 | 480 | 473 | 425 | 400 | 330 | 270 | 195 |
| 15 | 20 | 40 | | 590 | 560 | 530 | 523 | 475 | 450 | 380 | 320 | 245 |

| LPW660RH | | | Outlet Size: 50mm (Radial Flow) | | | | | | | | | |
|--------------|------|-------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 65 | 85 | 105 | 120 | 150 | 180 | 210 | 230 |
| 2.2 | 3.0 | 5 | | 79 | 77 | 75 | 69 | 66 | 58 | 51 | 41 | 35 |
| 3.0 | 4.0 | 7 | | 111 | 108 | 105 | 97 | 92 | 81 | 71 | 57 | 49 |
| 3.7 | 5.0 | 8 | | 126 | 123 | 120 | 110 | 106 | 93 | 82 | 66 | 56 |
| 4.5 | 6.0 | 10 | | 158 | 154 | 150 | 138 | 132 | 116 | 102 | 82 | 70 |
| 5.5 | 7.5 | 12 | | 190 | 185 | 180 | 166 | 158 | 139 | 122 | 98 | 84 |
| 7.5 | 10.0 | 15 | | 238 | 231 | 225 | 206 | 196 | 171 | 148 | 116 | 97 |
| 7.5 | 10.0 | 16 | | 253 | 246 | 240 | 221 | 211 | 186 | 163 | 131 | 112 |
| 9.3 | 12.5 | 18 | | 285 | 278 | 270 | 247 | 236 | 205 | 179 | 141 | 118 |
| 9.3 | 12.5 | 19 | | 300 | 293 | 285 | 262 | 251 | 220 | 194 | 156 | 133 |
| 11.0 | 15.0 | 24 | | 379 | 370 | 360 | 331 | 317 | 278 | 245 | 197 | 168 |
| 13.0 | 17.5 | 26 | | 411 | 400 | 390 | 359 | 343 | 302 | 265 | 213 | 182 |
| 13.0 | 17.5 | 28 | | 442 | 431 | 420 | 386 | 370 | 325 | 286 | 230 | 196 |
| 15.0 | 20.0 | 30 | | 474 | 462 | 450 | 414 | 396 | 348 | 306 | 246 | 210 |
| 15.0 | 20.0 | 32 | 506 | 493 | 480 | 442 | 422 | 371 | 326 | 262 | 224 | |

| LPW680RH | | | Outlet Size: 50mm (Radial Flow) | | | | | | | | | |
|--------------|------|-------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 100 | 125 | 145 | 185 | 200 | 240 | 260 | 300 |
| 2.2 | 3.0 | 4 | | 66 | 62 | 58 | 57 | 51 | 47 | 38 | 30 | 20 |
| 3.0 | 4.0 | 5 | | 83 | 78 | 73 | 71 | 64 | 59 | 48 | 38 | 25 |
| 3.7 | 5.0 | 6 | | 99 | 93 | 87 | 86 | 77 | 71 | 57 | 45 | 30 |
| 4.5 | 6.0 | 8 | | 132 | 124 | 116 | 114 | 102 | 94 | 76 | 60 | 40 |
| 5.5 | 7.5 | 10 | | 165 | 155 | 145 | 143 | 128 | 118 | 95 | 75 | 50 |
| 7.5 | 10.0 | 12 | | 198 | 186 | 174 | 171 | 153 | 141 | 114 | 90 | 60 |
| 9.3 | 12.5 | 15 | | 248 | 233 | 218 | 214 | 191 | 176 | 143 | 113 | 75 |
| 11.0 | 15.0 | 18 | | 297 | 279 | 261 | 257 | 230 | 212 | 171 | 135 | 90 |
| 11.0 | 15.0 | 20.0 | | 320 | 305 | 285 | 260 | 235 | 205 | 165 | 140 | 125 |
| 13.0 | 17.5 | 21 | | 347 | 326 | 305 | 299 | 268 | 247 | 200 | 158 | 105 |
| 15.0 | 20.0 | 24 | | 396 | 372 | 348 | 342 | 306 | 282 | 228 | 180 | 120 |
| 16.8 | 22.5 | 26 | | 429 | 403 | 377 | 371 | 332 | 306 | 247 | 195 | 130 |
| 18.5 | 25.0 | 28 | | 462 | 434 | 406 | 399 | 357 | 329 | 266 | 210 | 140 |
| 18.5 | 25.0 | 30 | 495 | 465 | 435 | 428 | 383 | 353 | 285 | 225 | 150 | |

| Outlet Size: 50mm | | | | Radial Flow | | | | | | | | |
|-----------------------|------|-------|---------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| LPW100RH MOTOR RATING | | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 125 | 165 | 200 | 250 | 280 | 320 | 370 | 400 |
| 2.2 | 3.0 | 3 | | 50 | 47 | 43 | 41 | 37 | 34 | 28 | 21 | 16 |
| 3.0 | 4.0 | 4 | | 67 | 63 | 57 | 55 | 49 | 45 | 37 | 28 | 21 |
| 4.5 | 6.0 | 6 | | 100 | 94 | 86 | 82 | 74 | 68 | 56 | 42 | 32 |
| 3.7 | 5.0 | 5 | | | | | | | | | | |
| 5.5 | 7.5 | 8 | | 133 | 125 | 115 | 109 | 99 | 91 | 75 | 56 | 43 |
| 7.5 | 10.0 | 10 | | 167 | 157 | 143 | 137 | 123 | 113 | 93 | 70 | 53 |
| 9.3 | 12.5 | 12 | | 200 | 188 | 172 | 164 | 148 | 136 | 112 | 84 | 64 |
| 11.0 | 15.0 | 15 | | 250 | 235 | 215 | 205 | 185 | 170 | 140 | 105 | 80 |
| 13.0 | 17.5 | 18 | | 300 | 282 | 258 | 246 | 222 | 204 | 168 | 126 | 96 |
| 15.0 | 20.0 | 20 | | 333 | 313 | 287 | 273 | 247 | 227 | 187 | 140 | 107 |
| 16.8 | 22.5 | 22 | | 367 | 345 | 315 | 301 | 271 | 249 | 205 | 154 | 117 |
| 18.5 | 25.0 | 24 | | 400 | 376 | 344 | 328 | 296 | 272 | 224 | 168 | 128 |
| 20.5 | 27.5 | 26 | | 433 | 407 | 373 | 355 | 321 | 295 | 243 | 182 | 139 |
| 20.5 | 27.5 | 28 | 467 | 439 | 401 | 383 | 345 | 317 | 261 | 196 | 149 | |

| LPW125RH MOTOR RATING | | | | Discharge (LPM) | | | | | | | | |
|-----------------------|------|-------|---------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| kW | HP | Stage | Head(M) | 0 | 200 | 240 | 290 | 340 | 370 | 410 | 425 | 460 |
| 3 | 4 | 3 | | 48 | 46 | 43 | 39 | 35 | 31 | 25 | 21 | 19 |
| 3.7 | 5 | 4 | | 64 | 61 | 57 | 52 | 47 | 41 | 33 | 28 | 25 |
| 4.0 | 6 | 5 | | 80 | 77 | 72 | 65 | 58 | 52 | 42 | 35 | 32 |
| 4.5 | 6 | 5 | | 82 | 79 | 74 | 67 | 60 | 54 | 44 | 37 | 34 |
| 5.5 | 7.5 | 6 | | 96 | 92 | 86 | 78 | 70 | 62 | 50 | 42 | 38 |
| 7.5 | 10 | 8 | | 128 | 123 | 115 | 104 | 93 | 83 | 67 | 56 | 51 |
| 9.3 | 12.5 | 10 | | 160 | 153 | 143 | 130 | 117 | 103 | 83 | 70 | 63 |
| 11 | 15 | 12 | | 192 | 184 | 172 | 156 | 140 | 124 | 100 | 84 | 76 |
| 13 | 17.5 | 14 | | 224 | 215 | 201 | 182 | 163 | 145 | 117 | 98 | 89 |
| 13 | 17.5 | 15 | | 240 | 230 | 215 | 195 | 175 | 155 | 125 | 105 | 95 |
| 15 | 20 | 15 | | 242 | 232 | 217 | 197 | 177 | 157 | 127 | 107 | 97 |
| 15 | 20 | 16 | | 256 | 245 | 229 | 208 | 187 | 165 | 133 | 112 | 101 |
| 16.8 | 22.5 | 18 | | 288 | 276 | 258 | 234 | 210 | 186 | 150 | 126 | 114 |
| 18.5 | 25 | 20 | 320 | 307 | 287 | 260 | 233 | 207 | 167 | 140 | 127 | |
| 20.5 | 27.5 | 22 | 352 | 337 | 315 | 286 | 257 | 227 | 183 | 154 | 139 | |
| 22.5 | 30 | 24 | 384 | 368 | 344 | 312 | 280 | 248 | 200 | 168 | 152 | |

| LPW150RH MOTOR RATING | | | | Discharge (LPM) | | | | | | | | |
|-----------------------|------|-------|---------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| kW | HP | Stage | Head(M) | 0 | 210 | 290 | 355 | 405 | 465 | 530 | 575 | 635 |
| 2.2 | 3.0 | 2 | | 32 | 31 | 28 | 27 | 25 | 21 | 16 | 12 | 8 |
| 3.7 | 5.0 | 3 | | 48 | 47 | 42 | 41 | 38 | 32 | 24 | 18 | 12 |
| 4.5 | 6.0 | 4 | | 64 | 62 | 56 | 54 | 50 | 42 | 32 | 24 | 16 |
| 5.5 | 7.5 | 5 | | 80 | 78 | 70 | 68 | 63 | 53 | 40 | 30 | 20 |
| 7.5 | 10.0 | 6 | | 96 | 93 | 84 | 81 | 75 | 63 | 48 | 36 | 24 |
| 7.5 | 10.0 | 7 | | 112 | 109 | 98 | 95 | 88 | 74 | 56 | 42 | 28 |
| 9.3 | 12.5 | 8 | | 128 | 124 | 112 | 108 | 100 | 84 | 64 | 48 | 32 |
| 11.0 | 15.0 | 10 | | 160 | 155 | 140 | 135 | 125 | 105 | 80 | 60 | 40 |
| 13.0 | 17.5 | 12 | | 192 | 186 | 168 | 162 | 150 | 126 | 96 | 72 | 48 |
| 13.0 | 17.5 | 13 | | 208 | 202 | 182 | 176 | 163 | 137 | 104 | 78 | 52 |
| 15.0 | 20.0 | 14 | | 224 | 217 | 196 | 189 | 175 | 147 | 112 | 84 | 56 |
| 18.5 | 25.0 | 16 | | 256 | 248 | 224 | 216 | 200 | 168 | 128 | 96 | 64 |
| 20.5 | 27.5 | 18 | | 288 | 279 | 252 | 243 | 225 | 189 | 144 | 108 | 72 |

| LPW200RH MOTOR RATING | | | | Discharge (LPM) | | | | | | | | |
|-----------------------|------|-------|---------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|
| kW | HP | Stage | Head(M) | 0 | 130 | 240 | 390 | 525 | 580 | 685 | 765 | 830 |
| 3.0 | 4.0 | 2 | | 32 | 31 | 29 | 25 | 22 | 21 | 15 | 11 | 8 |
| 4.5 | 6.0 | 3 | | 48 | 47 | 44 | 38 | 33 | 32 | 23 | 17 | 12 |
| 5.5 | 7.5 | 4 | | 64 | 62 | 58 | 50 | 44 | 42 | 30 | 22 | 16 |
| 7.5 | 10.0 | 5 | | 80 | 78 | 73 | 63 | 55 | 53 | 38 | 28 | 20 |
| 9.3 | 12.5 | 6 | | 96 | 93 | 87 | 75 | 66 | 63 | 45 | 33 | 24 |
| 11.0 | 15.0 | 8 | | 128 | 124 | 116 | 100 | 88 | 84 | 60 | 44 | 32 |
| 13.0 | 17.5 | 9 | | 144 | 140 | 131 | 113 | 99 | 95 | 68 | 50 | 36 |
| 15.0 | 20.0 | 10 | | 160 | 155 | 145 | 125 | 110 | 105 | 75 | 55 | 40 |
| 18.5 | 25.0 | 12 | | 192 | 186 | 174 | 150 | 132 | 126 | 90 | 66 | 48 |
| 20.5 | 27.5 | 14 | | 224 | 217 | 203 | 175 | 154 | 147 | 105 | 77 | 56 |
| 22.5 | 30.0 | 16 | | 256 | 248 | 232 | 200 | 176 | 168 | 120 | 88 | 64 |

Performance may vary depending on Voltage, Frequency and Field Condition

V6 SINGLE & THREE PHASE 150MM WATER FILLED SUBMERSIBLE PUMPSET (RADIAL FLOW TYPE) RHA SERIES (ALPHA 50 FEET) SUITABLE FOR MIN. 150MM BOREWELL OR ABOVE; MAX OD 142MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 200~230 VOLTS, 1-PHASE (UPTO 7.5HP)/ 380~415 VOLTS, 3-PHASE, 50 HZ SUPPLY

| LPW50RH | | | Outlet Size: 50mm (Radial Flow) | | | | | | | | | |
|--------------|------|-------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 50 | 75 | 96 | 120 | 145 | 165 | 178 | 195 |
| 2.2 | 3.0 | 6 | | 94 | 90 | 84 | 78 | 65 | 60 | 48 | 36 | 24 |
| 3.0 | 4.0 | 8 | | 125 | 120 | 112 | 104 | 88 | 80 | 64 | 48 | 32 |
| 3.7 | 5.0 | 10 | | 156 | 150 | 140 | 130 | 110 | 100 | 80 | 60 | 40 |
| 4.5 | 6.0 | 12 | | 187 | 180 | 168 | 156 | 132 | 120 | 96 | 72 | 48 |
| 5.5 | 7.5 | 15 | | 235 | 225 | 210 | 195 | 165 | 150 | 120 | 90 | 60 |
| 7.5 | 10.0 | 20 | | 312 | 300 | 280 | 260 | 220 | 200 | 160 | 120 | 80 |
| 9.3 | 12.5 | 24 | | 374 | 360 | 336 | 312 | 264 | 240 | 192 | 140 | 96 |
| 9.3 | 12.5 | 25 | | 390 | 375 | 351 | 327 | 279 | 255 | 207 | 155 | 111 |
| 11 | 15 | 30 | | 495 | 465 | 435 | 428 | 380 | 355 | 285 | 225 | 150 |
| 13 | 17.5 | 35 | | 540 | 510 | 480 | 473 | 425 | 400 | 330 | 270 | 195 |
| 15 | 20 | 40 | | 590 | 560 | 530 | 523 | 475 | 450 | 380 | 320 | 245 |

| LPW60RH | | | Outlet Size: 50mm (Radial Flow) | | | | | | | | | |
|--------------|------|-------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 65 | 85 | 105 | 120 | 150 | 180 | 210 | 230 |
| 2.2 | 3.0 | 5 | | 79 | 77 | 75 | 69 | 66 | 58 | 51 | 41 | 35 |
| 3.0 | 4.0 | 7 | | 111 | 108 | 105 | 97 | 92 | 81 | 71 | 57 | 49 |
| 3.7 | 5.0 | 8 | | 126 | 123 | 120 | 110 | 106 | 93 | 82 | 66 | 56 |
| 4.5 | 6.0 | 10 | | 158 | 154 | 150 | 138 | 132 | 116 | 102 | 82 | 70 |
| 5.5 | 7.5 | 12 | | 190 | 185 | 180 | 166 | 158 | 139 | 122 | 98 | 84 |
| 7.5 | 10.0 | 16 | | 253 | 246 | 240 | 221 | 211 | 186 | 163 | 131 | 112 |
| 9.3 | 12.5 | 19 | | 300 | 293 | 285 | 262 | 251 | 220 | 194 | 156 | 133 |
| 11.0 | 15.0 | 24 | | 379 | 370 | 360 | 331 | 317 | 278 | 245 | 197 | 168 |
| 13.0 | 17.5 | 26 | | 411 | 400 | 390 | 359 | 343 | 302 | 265 | 213 | 182 |
| 13.0 | 17.5 | 28 | | 442 | 431 | 420 | 386 | 370 | 325 | 286 | 230 | 196 |
| 15.0 | 20.0 | 30 | | 474 | 462 | 450 | 414 | 396 | 348 | 306 | 246 | 210 |
| 15.0 | 20.0 | 32 | | 506 | 493 | 480 | 442 | 422 | 371 | 326 | 262 | 224 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW80RH | | | Outlet Size: 50mm (Radial Flow) | | | | | | | | | |
|--------------|------|-------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 100 | 125 | 145 | 185 | 200 | 240 | 260 | 300 |
| 2.2 | 3.0 | 4 | | 66 | 62 | 58 | 57 | 51 | 47 | 38 | 30 | 20 |
| 3.0 | 4.0 | 5 | | 83 | 78 | 73 | 71 | 64 | 59 | 48 | 38 | 25 |
| 3.7 | 5.0 | 6 | | 99 | 93 | 87 | 86 | 77 | 71 | 57 | 45 | 30 |
| 4.5 | 6.0 | 8 | | 132 | 124 | 116 | 114 | 102 | 94 | 76 | 60 | 40 |
| 5.5 | 7.5 | 10 | | 165 | 155 | 145 | 143 | 128 | 118 | 95 | 75 | 50 |
| 7.5 | 10.0 | 12 | | 198 | 186 | 174 | 171 | 153 | 141 | 114 | 90 | 60 |
| 9.3 | 12.5 | 15 | | 248 | 233 | 218 | 214 | 191 | 176 | 143 | 113 | 75 |
| 11.0 | 15.0 | 18 | | 297 | 279 | 261 | 257 | 230 | 212 | 171 | 135 | 90 |
| 11.0 | 15.0 | 20 | | 320 | 305 | 285 | 260 | 235 | 205 | 165 | 140 | 125 |
| 13.0 | 17.5 | 21 | | 347 | 326 | 305 | 299 | 268 | 247 | 200 | 158 | 105 |
| 15.0 | 20.0 | 24 | | 396 | 372 | 348 | 342 | 306 | 282 | 228 | 180 | 120 |
| 16.8 | 22.5 | 26 | | 429 | 403 | 377 | 371 | 332 | 306 | 247 | 195 | 130 |
| 18.5 | 25.0 | 28 | 462 | 434 | 406 | 399 | 357 | 329 | 266 | 210 | 140 | |
| 18.5 | 25.0 | 30 | 495 | 465 | 435 | 428 | 383 | 353 | 285 | 225 | 150 | |

| Outlet Size: 50mm | | | Radial Flow | | | | | | | | | |
|-----------------------|------|-------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| LPW100RH MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 125 | 165 | 200 | 250 | 280 | 320 | 370 | 400 |
| 2.2 | 3.0 | 3 | | 50 | 47 | 43 | 41 | 37 | 34 | 28 | 21 | 16 |
| 3.0 | 4.0 | 4 | | 67 | 63 | 57 | 55 | 49 | 45 | 37 | 28 | 21 |
| 4.5 | 6.0 | 6 | | 100 | 94 | 86 | 82 | 74 | 68 | 56 | 42 | 32 |
| 5.5 | 7.5 | 8 | | 133 | 125 | 115 | 109 | 99 | 91 | 75 | 56 | 43 |
| 7.5 | 10.0 | 10 | | 167 | 157 | 143 | 137 | 123 | 113 | 93 | 70 | 53 |
| 9.3 | 12.5 | 12 | | 200 | 188 | 172 | 164 | 148 | 136 | 112 | 84 | 64 |
| 11.0 | 15.0 | 15 | | 250 | 235 | 215 | 205 | 185 | 170 | 140 | 105 | 80 |
| 13.0 | 17.5 | 18 | | 300 | 282 | 258 | 246 | 222 | 204 | 168 | 126 | 96 |
| 15.0 | 20.0 | 20 | | 333 | 313 | 287 | 273 | 247 | 227 | 187 | 140 | 107 |
| 16.8 | 22.5 | 22 | | 367 | 345 | 315 | 301 | 271 | 249 | 205 | 154 | 117 |
| 18.5 | 25.0 | 24 | | 400 | 376 | 344 | 328 | 296 | 272 | 224 | 168 | 128 |
| 20.5 | 27.5 | 26 | | 433 | 407 | 373 | 355 | 321 | 295 | 243 | 182 | 139 |
| 20.5 | 27.5 | 28 | | 467 | 439 | 401 | 383 | 345 | 317 | 261 | 196 | 149 |

| LPW125RH MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
|-----------------------|------|-------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| kW | HP | Stage | Head(M) | 0 | 200 | 240 | 290 | 340 | 370 | 410 | 425 | 460 |
| 3 | 4 | 3 | | 48 | 46 | 43 | 39 | 35 | 31 | 25 | 21 | 19 |
| 3.7 | 5 | 4 | | 64 | 61 | 57 | 52 | 47 | 41 | 33 | 28 | 25 |
| 3.7 | 5 | 5 | | 80 | 77 | 72 | 65 | 58 | 52 | 42 | 35 | 32 |
| 4.5 | 6 | 5 | | 82 | 79 | 74 | 67 | 60 | 54 | 44 | 37 | 34 |
| 5.5 | 7.5 | 6 | | 96 | 92 | 86 | 78 | 70 | 62 | 50 | 42 | 38 |
| 7.5 | 10 | 8 | | 128 | 123 | 115 | 104 | 93 | 83 | 67 | 56 | 51 |
| 9.3 | 12.5 | 10 | | 160 | 153 | 143 | 130 | 117 | 103 | 83 | 70 | 63 |
| 11 | 15 | 12 | | 192 | 184 | 172 | 156 | 140 | 124 | 100 | 84 | 76 |
| 13 | 17.5 | 14 | | 224 | 215 | 201 | 182 | 163 | 145 | 117 | 98 | 89 |
| 13 | 17.5 | 15 | | 240 | 230 | 215 | 195 | 175 | 155 | 125 | 105 | 95 |
| 15 | 20 | 15 | | 242 | 232 | 217 | 197 | 177 | 157 | 127 | 107 | 97 |
| 15 | 20 | 16 | | 256 | 245 | 229 | 208 | 187 | 165 | 133 | 112 | 101 |
| 16.8 | 22.5 | 18 | | 288 | 276 | 258 | 234 | 210 | 186 | 150 | 126 | 114 |
| 18.5 | 25 | 20 | | 320 | 307 | 287 | 260 | 233 | 207 | 167 | 140 | 127 |
| 20.5 | 27.5 | 22 | | 352 | 337 | 315 | 286 | 257 | 227 | 183 | 154 | 139 |
| 22.5 | 30 | 24 | 384 | 368 | 344 | 312 | 280 | 248 | 200 | 168 | 152 | |

| LPW150RH MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
|-----------------------|------|-------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| kW | HP | Stage | Head(M) | 0 | 210 | 290 | 355 | 405 | 465 | 530 | 575 | 635 |
| 2.2 | 3.0 | 2 | | 32 | 31 | 28 | 27 | 25 | 21 | 16 | 12 | 8 |
| 3.7 | 5.0 | 3 | | 48 | 47 | 42 | 41 | 38 | 32 | 24 | 18 | 12 |
| 4.5 | 6.0 | 4 | | 64 | 62 | 56 | 54 | 50 | 42 | 32 | 24 | 16 |
| 5.5 | 7.5 | 5 | | 80 | 78 | 70 | 68 | 63 | 53 | 40 | 30 | 20 |
| 7.5 | 10.0 | 6 | | 96 | 93 | 84 | 81 | 75 | 63 | 48 | 36 | 24 |
| 7.5 | 10.0 | 7 | | 112 | 109 | 98 | 95 | 88 | 74 | 56 | 42 | 28 |
| 9.3 | 12.5 | 8 | | 128 | 124 | 112 | 108 | 100 | 84 | 64 | 48 | 32 |
| 11.0 | 15.0 | 10 | | 160 | 155 | 140 | 135 | 125 | 105 | 80 | 60 | 40 |
| 13.0 | 17.5 | 12 | | 192 | 186 | 168 | 162 | 150 | 126 | 96 | 72 | 48 |
| 13.0 | 17.5 | 13 | | 208 | 202 | 182 | 176 | 163 | 137 | 104 | 78 | 52 |
| 15.0 | 20.0 | 14 | | 224 | 217 | 196 | 189 | 175 | 147 | 112 | 84 | 56 |
| 18.5 | 25.0 | 16 | | 256 | 248 | 224 | 216 | 200 | 168 | 128 | 96 | 64 |
| 20.5 | 27.5 | 18 | | 288 | 279 | 252 | 243 | 225 | 189 | 144 | 108 | 72 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW200RH MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
|-----------------------|------|-------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| kW | HP | Stage | Head(M) | 0 | 130 | 240 | 390 | 525 | 580 | 685 | 765 | 830 |
| 3.0 | 4.0 | 2 | | 32 | 31 | 29 | 25 | 22 | 21 | 15 | 11 | 8 |
| 4.5 | 6.0 | 3 | | 48 | 47 | 44 | 38 | 33 | 32 | 23 | 17 | 12 |
| 5.5 | 7.5 | 4 | | 64 | 62 | 58 | 50 | 44 | 42 | 30 | 22 | 16 |
| 7.5 | 10.0 | 5 | | 80 | 78 | 73 | 63 | 55 | 53 | 38 | 28 | 20 |
| 9.3 | 12.5 | 6 | | 96 | 93 | 87 | 75 | 66 | 63 | 45 | 33 | 24 |
| 11.0 | 15.0 | 8 | | 128 | 124 | 116 | 100 | 88 | 84 | 60 | 44 | 32 |
| 13.0 | 17.5 | 9 | | 144 | 140 | 131 | 113 | 99 | 95 | 68 | 50 | 36 |
| 15.0 | 20.0 | 10 | | 160 | 155 | 145 | 125 | 110 | 105 | 75 | 55 | 40 |
| 18.5 | 25.0 | 12 | | 192 | 186 | 174 | 150 | 132 | 126 | 90 | 66 | 48 |
| 20.5 | 27.5 | 14 | | 224 | 217 | 203 | 175 | 154 | 147 | 105 | 77 | 56 |
| 22.5 | 30.0 | 16 | | 256 | 248 | 232 | 200 | 176 | 168 | 120 | 88 | 64 |

V6 SINGLE & THREE PHASE 150MM WATER FILLED SUBMERSIBLE PUMPE (MIXED FLOW TYPE)

SUITABLE FOR MIN. 150MM BOREWELL OR ABOVE; MAX OD 142MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 3-PHASE, 50 Hz, A.C. SUPPLY

| LPW100M | | | Outlet Size: 65mm (Mixed Flow)/ On Request 75mm | | | | | | | | |
|--------------|------|-------|---|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 350 | 425 | 435 | 490 | 560 | 630 | 670 |
| 2.2 | 3.0 | 3 | | 29 | 24 | 22 | 21 | 20 | 18 | 15 | 14 |
| 2.2 | 3.0 | 4 | | 39 | 32 | 30 | 29 | 27 | 24 | 21 | 19 |
| 3.0 | 4.0 | 4 | | 39 | 32 | 30 | 29 | 27 | 24 | 21 | 19 |
| 3.7 | 5.0 | 5 | | 49 | 39 | 37 | 36 | 34 | 30 | 26 | 23 |
| 4.5 | 6.0 | 6 | | 59 | 47 | 44 | 44 | 41 | 36 | 31 | 28 |
| 5.5 | 7.5 | 7 | | 68 | 55 | 52 | 51 | 47 | 42 | 36 | 32 |
| 5.5 | 7.5 | 8 | | 78 | 63 | 59 | 58 | 54 | 48 | 41 | 37 |
| 7.5 | 10.0 | 10 | | 98 | 79 | 74 | 73 | 68 | 60 | 51 | 46 |
| 9.3 | 12.5 | 12 | | 120 | 95 | 89 | 87 | 81 | 72 | 62 | 56 |
| 11.0 | 15.0 | 15 | | 150 | 138 | 130 | 120 | 105 | 98 | 77 | 69 |
| 13.0 | 17.5 | 16 | | 170 | 145 | 138 | 126 | 116 | 105 | 85 | 75 |
| 15.0 | 20.0 | 18 | | 192 | 164 | 155 | 145 | 130 | 115 | 95 | 85 |
| 15.0 | 20.0 | 20 | | 210 | 180 | 170 | 160 | 140 | 125 | 105 | 95 |
| 18.5 | 25.0 | 25 | | 250 | 215 | 200 | 190 | 180 | 175 | 150 | 140 |

| LPW120M | | | Outlet Size: 65mm (Mixed Flow)/ On Request 75mm | | | | | | | | |
|--------------|------|-------|---|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 480 | 500 | 550 | 600 | 680 | 770 | 860 |
| 3.0 | 4.0 | 3 | | 34 | 26 | 25 | 24 | 22 | 19 | 15 | 10 |
| 3.7 | 5.0 | 4 | | 45 | 35 | 34 | 32 | 29 | 25 | 20 | 13 |
| 4.5 | 6.0 | 5 | | 56 | 44 | 43 | 40 | 36 | 31 | 25 | 16 |
| 5.5 | 7.5 | 6 | | 68 | 53 | 51 | 48 | 44 | 38 | 30 | 20 |
| 7.5 | 10.0 | 7 | | 79 | 61 | 60 | 56 | 51 | 44 | 35 | 23 |
| 7.5 | 10.0 | 8 | | 90 | 70 | 68 | 64 | 58 | 50 | 40 | 26 |
| 9.3 | 12.5 | 9 | | 101 | 79 | 77 | 72 | 65 | 56 | 45 | 29 |
| 9.3 | 12.5 | 10 | | 113 | 88 | 85 | 80 | 73 | 63 | 50 | 33 |
| 11.0 | 15.0 | 11 | | 124 | 96 | 94 | 88 | 80 | 69 | 55 | 36 |
| 11.0 | 15.0 | 12 | | 135 | 105 | 102 | 96 | 87 | 75 | 60 | 39 |
| 13.0 | 17.5 | 14 | | 158 | 123 | 119 | 112 | 102 | 88 | 70 | 46 |
| 15.0 | 20.0 | 16 | | 180 | 140 | 136 | 128 | 116 | 100 | 80 | 52 |
| 17.0 | 22.5 | 18 | | 195 | 160 | 155 | 144 | 126 | 104 | 75 | 40 |
| 18.5 | 25.0 | 20 | | 225 | 175 | 170 | 160 | 145 | 125 | 100 | 65 |

| LPW150M | | | Outlet Size: 65mm (Mixed Flow)/ On Request 75mm | | | | | | | | |
|--------------|------|-------|---|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 485 | 585 | 655 | 755 | 830 | 885 | 955 |
| 3.7 | 5.0 | 3 | | 36 | 27 | 26 | 24 | 20 | 17 | 13 | 11 |
| 4.5 | 6.0 | 4 | | 48 | 36 | 34 | 32 | 26 | 22 | 18 | 14 |
| 5.5 | 7.5 | 4 | | 48 | 39 | 37 | 35 | 33 | 30 | 26 | 20 |
| 5.5 | 7.5 | 5 | | 60 | 45 | 43 | 40 | 33 | 28 | 22 | 18 |
| 7.5 | 10.0 | 6 | | 72 | 54 | 52 | 48 | 40 | 34 | 26 | 22 |
| 9.3 | 12.5 | 7 | | 84 | 63 | 60 | 56 | 46 | 39 | 31 | 25 |
| 9.3 | 12.5 | 8 | | 96 | 72 | 69 | 64 | 53 | 45 | 35 | 29 |
| 11.0 | 15.0 | 9 | | 105 | 95 | 83 | 75 | 68 | 61 | 55 | 50 |
| 11.0 | 15.0 | 10 | | 120 | 90 | 86 | 80 | 66 | 56 | 44 | 36 |
| 13.0 | 17.5 | 11 | | 132 | 99 | 95 | 88 | 73 | 62 | 48 | 40 |
| 15.0 | 20.0 | 12 | | 144 | 108 | 103 | 96 | 79 | 67 | 53 | 43 |
| 18.5 | 25.0 | 14 | | 170 | 150 | 130 | 120 | 110 | 100 | 90 | 80 |
| 20.5 | 27.5 | 16 | | 198 | 155 | 140 | 135 | 120 | 100 | 75 | 50 |
| 22.0 | 30.0 | 18 | | 225 | 170 | 160 | 151 | 130 | 112 | 85 | 55 |
| 20.0 | 30.0 | 20 | 250 | 192 | 182 | 165 | 145 | 124 | 95 | 60 | |

V6 SINGLE & THREE PHASE 150MM WATER FILLED SUBMERSIBLE PUMPSET (MIXED FLOW TYPE) SUITABLE FOR MIN. 150MM BOREWELL OR ABOVE; MAX OD 142MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 3-PHASE, 50 Hz, A.C. SUPPLY

| LPW200M | | | Outlet Size :-75mm (Mixed Flow)/ On Request 100mm | | | | | | | | | |
|--------------|------|-------|---|-----|-----|-----|-----|-----|-----|------|------|----------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 530 | 660 | 710 | 850 | 930 | 1090 | 1255 | SP |
| 3.7 | 5.0 | 2 | | 24 | 20 | 19 | 18 | 17 | 16 | 14 | 10 | ₹ 35,400 |
| 4.5 | 6.0 | 3 | | 36 | 30 | 27 | 26 | 25 | 24 | 21 | 15 | ₹ 37,500 |
| 5.5 | 7.5 | 4 | | 48 | 40 | 37 | 35 | 33 | 32 | 27 | 21 | ₹ 43,300 |
| 7.5 | 10.0 | 5 | | 60 | 50 | 46 | 44 | 41 | 40 | 34 | 26 | ₹ 49,500 |
| 9.3 | 12.5 | 6 | | 72 | 60 | 56 | 53 | 50 | 48 | 41 | 32 | NA |
| 11.0 | 15.0 | 7 | | 82 | 73 | 68 | 63 | 56 | 51 | 45 | 39 | NA |
| 11.0 | 15.0 | 8 | | 96 | 80 | 74 | 70 | 66 | 64 | 54 | 42 | NA |
| 13.0 | 17.5 | 9 | | 108 | 90 | 83 | 79 | 74 | 72 | 61 | 47 | NA |
| 15.0 | 20.0 | 10 | | 120 | 100 | 93 | 88 | 83 | 80 | 68 | 53 | NA |
| 18.5 | 25.0 | 12 | | 140 | 124 | 116 | 105 | 95 | 86 | 77 | 65 | NA |
| 20.5 | 27.5 | 14 | | 168 | 137 | 130 | 123 | 116 | 105 | 91 | 70 | NA |
| 22.0 | 30.0 | 15 | 180 | 155 | 140 | 130 | 115 | 105 | 95 | 80 | NA | |

| LPW250M | | | Outlet Size: 65mm (Mixed Flow)/ On Request 75mm | | | | | | | | |
|--------------|------|-------|---|-----|-----|-----|-----|-----|-----|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 720 | 790 | 840 | 890 | 930 | 1050 | 1210 |
| 4.5 | 6.0 | 2 | | 26 | 19 | 18 | 17 | 16 | 15 | 14 | 10 |
| 5.5 | 7.5 | 3 | | 39 | 28 | 27 | 26 | 25 | 24 | 21 | 15 |
| 7.5 | 10.0 | 4 | | 52 | 37 | 36 | 35 | 33 | 32 | 28 | 20 |
| 9.3 | 12.5 | 5 | | 65 | 47 | 45 | 43 | 42 | 40 | 35 | 25 |
| 11.0 | 15.0 | 6 | | 78 | 56 | 54 | 52 | 50 | 48 | 42 | 30 |
| 13.0 | 17.5 | 7 | | 91 | 65 | 63 | 61 | 58 | 56 | 49 | 35 |
| 15.0 | 20.0 | 8 | | 104 | 75 | 72 | 69 | 67 | 64 | 56 | 40 |
| 17.0 | 22.5 | 9 | | 118 | 87 | 80 | 77 | 69 | 66 | 59 | 50 |
| 18.5 | 25.0 | 10 | | 132 | 98 | 90 | 86 | 77 | 73 | 65 | 55 |
| 22.0 | 30.0 | 12 | | 158 | 116 | 107 | 102 | 92 | 87 | 77 | 67 |



V6 SINGLE & THREE PHASE 150MM WATER FILLED SUBMERSIBLE PUMPSET (MIXED FLOW TYPE) SUITABLE FOR MIN. 150MM BOREWELL OR ABOVE; MAX OD 142MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 3-PHASE, 50 Hz, 50 HZ, A.C. SUPPLY

| LPW300M | | | Outlet Size: 75mm (Mixed Flow)/ On Request 100mm | | | | | | | | |
|--------------|------|-------|--|-----|-----|-----|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 700 | 850 | 1000 | 1260 | 1330 | 1400 | 1500 |
| 4.5 | 6.0 | 2 | | 20 | 18 | 17 | 16 | 15 | 14 | 13 | 11 |
| 7.5 | 10.0 | 3 | | 30 | 27 | 26 | 25 | 23 | 22 | 19 | 17 |
| 9.3 | 12.5 | 4 | | 40 | 36 | 35 | 34 | 30 | 29 | 26 | 22 |
| 11.0 | 15.0 | 5 | | 50 | 45 | 44 | 42 | 38 | 36 | 32 | 28 |
| 13.0 | 17.5 | 6 | | 60 | 54 | 53 | 50 | 46 | 43 | 38 | 33 |
| 15.0 | 20.0 | 7 | | 70 | 63 | 62 | 59 | 53 | 50 | 45 | 39 |
| 18.5 | 25.0 | 8 | | 80 | 72 | 70 | 67 | 61 | 58 | 51 | 44 |
| 22.0 | 30.0 | 10 | | 100 | 90 | 88 | 84 | 76 | 72 | 64 | 55 |

| LPW200M TURBO | | | Outlet Size: 75mm (Mixed Flow)/ On Request 100mm | | | | | | | | |
|---------------|------|-------|--|----|-----|-----|-----|-----|-----|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 650 | 700 | 850 | 950 | 980 | 1200 | 1380 |
| 5.5 | 7.5 | 4 | | 48 | 41 | 38 | 34 | 31 | 30 | 23 | 15 |
| 7.5 | 10.0 | 5 | | 60 | 51 | 48 | 43 | 39 | 38 | 29 | 19 |

| LPW250M TURBO | | | Outlet Size: 100mm (Mixed Flow) | | | | | | | | 50Hz | |
|---------------|------|-------|---------------------------------|----|-----|-----|-----|------|------|------|-------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | Price | |
| kW | HP | Stage | Head(M) | 0 | 600 | 730 | 820 | 1050 | 1180 | 1350 | 1450 | 1580 |
| 5.5 | 7.5 | 3 | | 39 | 32 | 31 | 28 | 25 | 23 | 21 | 19 | 14 |
| 7.5 | 10.0 | 4 | | 52 | 43 | 42 | 38 | 33 | 31 | 28 | 25 | 19 |
| 9.3 | 12.5 | 5 | | 65 | 54 | 52 | 47 | 42 | 39 | 35 | 31 | 24 |
| 11.0 | 15.0 | 6 | | 78 | 65 | 62 | 56 | 50 | 47 | 42 | 37 | 29 |

| LPW300M TURBO | | | Outlet Size: 100mm (Mixed Flow) | | | | | | | | 50Hz | | |
|---------------|------|-------|---------------------------------|----|-----|-----|-----|------|------|------|-------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | Price | | |
| kW | HP | Stage | Head(M) | 0 | 500 | 700 | 900 | 1250 | 1300 | 1350 | 1450 | 1550 | 1700 |
| 9.3 | 12.5 | 4 | | 58 | 45 | 40 | 38 | 32 | 28 | 24 | 20 | 18 | 16 |
| 11.0 | 15.0 | 5 | | 73 | 56 | 50 | 48 | 40 | 35 | 30 | 25 | 23 | 20 |

Performance may vary depending on Voltage, Frequency and Field Condition



PUMPS | MOTORS



Watering India to Flow



V6

5 STAR

BORE SIZE:
MIN. 150MM
MAX OD:
142MM



ENERGY EFFICIENT PUMPSETS:

SUITABLE FOR 150MMBORE WELL OR ABOVE V6 THREE PHASE WATER FILLED SUBMERSIBLE PUMPSETS

DESCRIPTION

We manufactured Submersible Pumpsets as per IS: 8034 Standard which can be used in the field of advanced technology.

All parts are manufactured and fitted precisely using CNC machine that imparts excellent mechanical strength and reliability. The electrical design of Latteys Motors has been done with polyester Coated winding to improve efficiency and reduce electrical consumption.

6" WATER FILLED SUBMERSIBLE

Salient Features

- Induction motors are easily re-windable using multi layer PVC insulated wire for better reliability.
- Motor filled with water gives better cooling to winding as well as bush.
- Self-aligned carbon Stainless steel thrust bearing which withstands high axial thrust load in water lubrication.
- Electrically designed to lower power consumption and operating cost.
- Non-magnetic, corrosion-resistant high-grade stainless steel stator body.
- Water-filled motor is available in capacitor start and run design.
- Gun Metal bush is made with additional centrifugal molding process and 2% Nickel is added.
- Superior designed cast iron/SS impellers and diffusers give higher hydraulic performance and greater efficiency and provide higher resistance against wear and tear from sand and other impurities.
- Dynamically balanced rotating parts to ensure minimum noise and vibration.
- Hydraulic parts are made with Investment Casting or Die-base molding process, which gives higher performance and higher efficiency.
- Individually and accurately balanced impeller gives better performance for lower power consumption.
- The pump shaft is made of stainless steel hardened and ground to close tolerance.
- Fitted with NRV & Flap to absorb thrust generated during switch off operation.

Application

Sprinkler & drip irrigation | Civil & Industries | Fire fighting system | Agriculture | Gardening | Hospitality

MATERIAL OF CONSTRUCTION

| | |
|--------------------|---|
| Motor Body | : Stainless Steel |
| Stator | : Vacuum Impregnated and epoxy coated for corrosion resistance. Thick end laminations are provided to protect motor windings. |
| Rotor | : Coated with polyurethane paint for corrosion resistance and dynamically balanced for vibration free smooth operations. |
| Windings | : PVC/ Polyester insulated. |
| Bearings | : Heavy duty angular contact bearing with high load bearing capacity. |
| Thrust Bearings | : Special Self-aligning and water lubricated to withstand high axial thrust load. |
| Breather diaphragm | : Adequately sized to accommodate expansion of water inside the motor and prevent loss cooling water . |
| Impeller | : High quality abrasion resistant dynamically balanced. |
| Bowl | : High Grade Stainless Steel/Cast Iron. |
| Shaft | : Stainless Steel of adequate diameter to ensure rigidity and ground to close tolerances. |
| Casing | : High graded Cast Iron. |
| Cable Sealing | : Designed so that no Borewell water with sand can enter the motor. |

V6- 5 STAR MODELS PERFORMANCE CHART MIN. 150MM BORE SIZE OR ABOVE; MAX OD 142M

AT 2880 RPM, 300~440 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| V6-5 STAR MODELS | | | Mixed Flow Type, Outlet: 75mm, Min bore size: 150mm | | | | | | | |
|------------------|--------------|-------|---|-----------------|-----|-----|-----|-----|-----|-----|
| MODEL | MOTOR RATING | | Head(M) | Discharge (LPM) | | | | | | |
| Name | kW/HP | Stage | | 0 | 450 | 480 | 520 | 560 | 600 | 720 |
| LW-6S-5-55-5 | 3.7/5.0 | 5 | | 55 | 45 | 40 | 35 | 30 | 25 | 0 |
| LW-6S-6-66-6 | 4.5/6.0 | 6 | 66 | 54 | 48 | 42 | 36 | 30 | 0 | |
| LW-6S-7-77-7 | 5.5/7.5 | 7 | 77 | 63 | 56 | 49 | 42 | 35 | 0 | |
| LW-6S-8-88-8 | 5.5/7.5 | 8 | 88 | 72 | 64 | 56 | 48 | 40 | 0 | |
| LW-6S-9-99-9 | 7.5/10.0 | 9 | 99 | 81 | 72 | 63 | 54 | 45 | 0 | |
| LW-6S-10-110-10 | 7.5/10.0 | 10 | 110 | 90 | 80 | 70 | 60 | 50 | 0 | |
| LW-6S-11-121-11 | 7.5/10.0 | 11 | 121 | 99 | 88 | 77 | 66 | 55 | 0 | |
| LW-6S-12-132-12 | 9.3/12.5 | 12 | 132 | 108 | 96 | 84 | 72 | 60 | 0 | |
| LW-6S-13-143-13 | 9.3/12.5 | 13 | 143 | 117 | 104 | 91 | 78 | 65 | 0 | |
| LW-6S-14-154-14 | 11.0/15.0 | 14 | 154 | 126 | 112 | 98 | 84 | 70 | 0 | |
| LW-6S-15-165-15 | 11.0/15.0 | 15 | 165 | 135 | 120 | 105 | 90 | 75 | 0 | |
| LW-6S-16-176-16 | 13.0/17.5 | 16 | 176 | 144 | 128 | 112 | 96 | 80 | 0 | |
| LW-6S-18-198-18 | 13.0/17.5 | 18 | 198 | 162 | 144 | 126 | 108 | 90 | 0 | |
| LW-6S-20-220-20 | 15.0/20.0 | 20 | 220 | 180 | 160 | 140 | 120 | 100 | 0 | |



| V6-5 STAR MODELS | | | Mixed Flow Type, Outlet: 75mm, Min bore size: 150mm | | | | | | | |
|------------------|--------------|-------|---|-----------------|-----|-----|-----|-----|-----|------|
| MODEL | MOTOR RATING | | Head(M) | Discharge (LPM) | | | | | | |
| Name | kW/HP | Stage | | 0 | 480 | 590 | 670 | 720 | 770 | 1020 |
| LW-6S-5-40-4 | 3.7/5.0 | 4 | | 40 | 36 | 32 | 28 | 24 | 20 | 0 |
| LW-6S-6-50-5 | 4.5/6.0 | 5 | 50 | 45 | 40 | 35 | 30 | 25 | 0 | |
| LW-6S-8-60-6 | 5.5/7.5 | 6 | 60 | 54 | 48 | 42 | 36 | 30 | 0 | |
| LW-6S-8-70-7 | 7.5/10.0 | 7 | 70 | 63 | 56 | 49 | 42 | 35 | 0 | |
| LW-6S-10-80-8 | 7.5/10.0 | 8 | 80 | 72 | 64 | 56 | 48 | 40 | 0 | |
| LW-6S-12-90-9 | 9.3/12.5 | 9 | 90 | 81 | 72 | 63 | 54 | 45 | 0 | |
| LW-6S-12-100-10 | 9.3/12.5 | 10 | 100 | 90 | 80 | 70 | 60 | 50 | 0 | |
| LW-6S-15-110-11 | 11.0/15.0 | 11 | 110 | 99 | 88 | 77 | 66 | 55 | 0 | |
| LW-6S-15-120-12 | 11.0/15.0 | 12 | 120 | 108 | 96 | 84 | 72 | 60 | 0 | |
| LW-6S-17-130-13 | 13.0/17.5 | 13 | 130 | 117 | 104 | 91 | 78 | 65 | 0 | |
| LW-6S-17-140-14 | 13.0/17.5 | 14 | 140 | 126 | 112 | 98 | 84 | 70 | 0 | |
| LW-6S-20-150-15 | 15.0/20.0 | 15 | 150 | 135 | 120 | 105 | 90 | 75 | 0 | |
| LW-6S-20-160-16 | 15.0/20.0 | 16 | 160 | 144 | 128 | 112 | 96 | 80 | 0 | |

Performance may vary depending on Voltage, Frequency and Field Condition



| V6-5 STAR MODELS | | | Mixed Flow Type, Outlet: 75mm, Min bore size: 150mm | | | | | | | |
|------------------|--------------|-------|---|-----------------|-----|-----|-----|-----|-----|------|
| MODEL | MOTOR RATING | | Head(M) | Discharge (LPM) | | | | | | |
| Name | kW/HP | Stage | | 0 | 710 | 760 | 860 | 920 | 980 | 1170 |
| LW-6S-5-33-3 | 3.7/5.0 | 3 | | 33 | 27 | 24 | 21 | 18 | 15 | 0 |
| LW-6S-6-44-4 | 4.5/6.0 | 4 | 44 | 36 | 32 | 28 | 24 | 20 | 0 | |
| LW-6S-8-55-5 | 5.5/7.5 | 5 | 55 | 45 | 40 | 35 | 30 | 25 | 0 | |
| LW-6S-10-66-6 | 7.5/10.0 | 6 | 66 | 54 | 48 | 42 | 36 | 30 | 0 | |
| LW-6S-10-77-7 | 7.5/10.0 | 7 | 77 | 63 | 56 | 49 | 42 | 35 | 0 | |
| LW-6S-12-88-8 | 9.3/12.5 | 8 | 88 | 72 | 64 | 56 | 48 | 40 | 0 | |
| LW-6S-15-99-9 | 11.0/15.0 | 9 | 99 | 81 | 72 | 63 | 54 | 45 | 0 | |
| LW-6S-17-110-10 | 13.0/17.5 | 10 | 110 | 90 | 80 | 70 | 60 | 50 | 0 | |
| LW-6S-17-121-11 | 13.0/17.5 | 11 | 121 | 99 | 88 | 77 | 66 | 55 | 0 | |
| LW-6S-20-135-12 | 15.0/20.0 | 12 | 132 | 108 | 96 | 84 | 72 | 60 | 0 | |



| V6-5 STAR MODELS | | | Mixed Flow Type, Outlet: 75mm, Min bore size: 150mm | | | | | | | |
|------------------|--------------|-------|---|-----------------|-----|-----|------|------|------|------|
| MODEL | MOTOR RATING | | Head(M) | Discharge (LPM) | | | | | | |
| Name | kW/HP | Stage | | 0 | 690 | 930 | 1030 | 1140 | 1200 | 1440 |
| LW-6S-6-36-3 | 4.5/6.0 | 3 | | 36 | 27 | 24 | 21 | 18 | 15 | 0 |
| LW-6S-8-48-4 | 5.5/7.5 | 4 | 48 | 36 | 32 | 28 | 24 | 20 | 0 | |
| LW-6S-10-60-5 | 7.5/10.0 | 5 | 60 | 45 | 40 | 35 | 30 | 25 | 0 | |
| LW-6S-12-72-6 | 9.3/12.5 | 6 | 72 | 54 | 48 | 42 | 36 | 30 | 0 | |
| LW-6S-15-84-7 | 7.5/10.0 | 7 | 84 | 63 | 56 | 49 | 42 | 35 | 0 | |
| LW-6S-17-96-8 | 13.0/17.5 | 8 | 96 | 72 | 64 | 56 | 48 | 40 | 0 | |
| LW-6S-17-108-9 | 13.0/17.5 | 9 | 108 | 81 | 72 | 63 | 54 | 45 | 0 | |
| LW-6S-20-120-10 | 15.0/20.0 | 10 | 120 | 90 | 80 | 70 | 60 | 50 | 0 | |

Performance may vary depending on Voltage, Frequency and Field Condition



V6-HH 5 STAR MODELS PERFORMANCE CHART MIN. 150MM BORE SIZE OR ABOVE; MAX OD 142M

AT 2880 RPM, 300~440 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| V6 - HH 5 STAR MODELS | | | Radial Flow Type, Outlet: 50mm Min. bore size: 150mm | | | | | | | |
|-----------------------|----------|--------------|--|-----|-----|-----|-----|-----|-----|-----|
| MODEL | | MOTOR RATING | Discharge (LPM) | | | | | | | |
| Name | kW/HP | Stage | Head (M) | 0 | 105 | 125 | 145 | 155 | 175 | 240 |
| LW 6S-5-160-10 | 3.7/5.0 | 10 | | 150 | 130 | 120 | 110 | 100 | 80 | 0 |
| LW 6S-6-192-12 | 4.5/6 | 12 | | 180 | 156 | 144 | 132 | 120 | 96 | 0 |
| LW 6S-8-224-14 | 5.5/7.5 | 14 | | 210 | 182 | 168 | 154 | 140 | 112 | 0 |
| LW 6S-8-256-16 | 5.5/7.5 | 16 | | 240 | 208 | 192 | 176 | 160 | 128 | 0 |
| LW 6S-10-288-18 | 7.5/10 | 18 | | 270 | 234 | 216 | 198 | 180 | 144 | 0 |
| LW 6S-10-320-20 | 7.5/10 | 20 | | 300 | 260 | 240 | 220 | 200 | 160 | 0 |
| Name | kW/HP | Stage | | 0 | 140 | 155 | 170 | 190 | 215 | 280 |
| LW 6S-5-128-8 | 3.7/5.0 | 8 | | 128 | 104 | 96 | 88 | 80 | 64 | 0 |
| LW 6S-6-160-10 | 5.5/7.5 | 10 | | 160 | 130 | 120 | 110 | 100 | 80 | 0 |
| LW 6S-8-192-12 | 5.5/7.5 | 12 | 190 | 156 | 144 | 132 | 120 | 96 | 0 | |
| LW 6S-10-240-15 | 7.5/10 | 15 | 240 | 195 | 180 | 165 | 150 | 120 | 0 | |
| LW 6S-10-256-16 | 7.5/10 | 16 | 250 | 208 | 192 | 176 | 160 | 128 | 0 | |
| LW 6S-12-288-18 | 9.3/12.5 | 18 | 285 | 234 | 216 | 198 | 180 | 144 | 0 | |
| LW 6S-12-320-20 | 9.3/12.5 | 20 | 320 | 260 | 240 | 220 | 200 | 160 | 0 | |



| V6 - HH 5 STAR MODELS | | | Radial Flow Type, Outlet: 50mm Min. bore size: 150mm | | | | | | | |
|-----------------------|-----------|--------------|--|-----|-----|-----|-----|-----|-----|-----|
| MODEL | | MOTOR RATING | Discharge (LPM) | | | | | | | |
| Name | kW/HP | Stage | Head (M) | 0 | 170 | 190 | 220 | 250 | 300 | 425 |
| LW 6S-5-96-6 | 3.7/5.0 | 6 | | 95 | 78 | 72 | 66 | 60 | 48 | 0 |
| LW 6S-6-128-8 | 5.5/7.5 | 8 | | 125 | 104 | 96 | 88 | 80 | 64 | 0 |
| LW 6S-8-160-10 | 5.5/7.5 | 10 | | 160 | 130 | 120 | 110 | 100 | 80 | 0 |
| LW 6S-10-192-12 | 7.5/10 | 12 | | 190 | 156 | 144 | 132 | 120 | 96 | 0 |
| LW 6S-12-256-16 | 9.3/12.5 | 15 | | 240 | 195 | 180 | 165 | 150 | 120 | 0 |
| LW 6S-15-288-18 | 11.0/15.0 | 18 | | 285 | 234 | 216 | 198 | 180 | 144 | 0 |
| LW 6S-15-320-20 | 11.0/15.0 | 20 | | 320 | 260 | 240 | 220 | 200 | 160 | 0 |
| Name | kW/HP | Stage | | 0 | 249 | 294 | 300 | 315 | 360 | 425 |
| LW 6S-5-80-5 | 3.7/5.0 | 5 | | 80 | 65 | 60 | 55 | 50 | 40 | 0 |
| LW 6S-6-96-6 | 5.5/7.5 | 6 | 96 | 78 | 72 | 66 | 60 | 48 | 0 | |
| LW 6S-8-128-8 | 5.5/7.5 | 8 | 125 | 104 | 96 | 88 | 80 | 64 | 0 | |
| LW 6S-10-160-10 | 7.5/10 | 10 | 160 | 130 | 120 | 110 | 100 | 80 | 0 | |
| LW 6S-12-192-12 | 9.3/12.5 | 12 | 190 | 156 | 144 | 132 | 120 | 96 | 0 | |
| LW 6S-15-240-15 | 11.0/15.0 | 15 | 240 | 195 | 180 | 165 | 150 | 120 | 0 | |



Performance may vary depending on Voltage, Frequency and Field Condition

| V6 - HH 5 STAR MODELS | | | Radial Flow Type, Outlet: 50mm Min. bore size: 150mm | | | | | | | |
|-----------------------|----------|--------------|--|-----|-----|-----|-----|-----|-----|-----|
| MODEL | | MOTOR RATING | Discharge (LPM) | | | | | | | |
| Name | kW/HP | Stage | Head (M) | 0 | 50 | 90 | 120 | 140 | 160 | 180 |
| LW 6S-10-360-30 | 7.5/10 | 30 | | 300 | 275 | 265 | 240 | 210 | 195 | 170 |
| Name | kW/HP | Stage | | 0 | 120 | 135 | 150 | 160 | 170 | 195 |
| LW 6S-5-168-14 | 3.7/5 | 14 | | 168 | 126 | 120 | 112 | 105 | 98 | 84 |
| LW 6S-10-240-20 | 7.5/10 | 20 | | 240 | 180 | 171 | 160 | 150 | 140 | 120 |
| LW 6S-12-360-30 | 9.3/12.5 | 30 | | 360 | 270 | 257 | 240 | 225 | 210 | 180 |
| Name | kW/HP | Stage | | 0 | 140 | 170 | 190 | 230 | 245 | 270 |
| LW 6S-5-120-10 | 3.7/5 | 10 | | 120 | 100 | 90 | 80 | 70 | 60 | 40 |
| LW 6S-8-180-15 | 5.5/7.5 | 15 | | 180 | 150 | 135 | 120 | 105 | 90 | 60 |
| LW 6S-15-360-30 | 11/15 | 30 | | 360 | 300 | 270 | 240 | 210 | 180 | 120 |
| LW 6S-17-420-35 | 13/17.5 | 35 | 420 | 350 | 315 | 280 | 245 | 210 | 140 | |
| LW 6S-20-180-40 | 15/20 | 40 | 480 | 400 | 360 | 320 | 280 | 240 | 160 | |
| Name | kW/HP | Stage | 0 | 135 | 190 | 220 | 260 | 275 | 300 | |
| LW 6S-8-144-12 | 5.5/7.5 | 12 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | |
| LW 6S-20-360-30 | 15/20 | 30 | 350 | 353 | 355 | 358 | 360 | 363 | 365 | |
| LW 6S-20-384-32 | 15/20 | 32 | 373 | 376 | 379 | 381 | 384 | 387 | 389 | |



Performance may vary depending on Voltage, Frequency and Field Condition



PUMPS | MOTORS



V6/V7

THREE PHASE

BORE SIZE:
MIN. 175MM
MAX OD:
165MM

V6-V7 THREE PHASE 175MM WATER FILLED SUBMERSIBLE PUMPSETS (MIXED FLOW TYPE) SUITABLE FOR 175MM BORE WELL OR ABOVE

DESCRIPTION

We manufactured Submersible Pumpsets as per IS: 8034 Standard which can be used in the field of advanced technology.

All parts are manufactured and fitted precisely using CNC machine that imparts excellent mechanical strength and reliability. The electrical design of Latteys Motors has been done with polyester Coated winding to improve efficiency and reduce electrical consumption.

6" WATER FILLED SUBMERSIBLE MOTOR AND 7" SUBMERSIBLE PUMP

Salient Features

- Induction motors are easily re-windable using multi layer PVC insulated wire for better reliability.
- Motor filled with water gives better cooling to winding as well as bush.
- Self-aligned carbon Stainless steel thrust bearing which withstands high axial thrust load in water lubrication.
- Electrically designed to lower power consumption and operating cost.
- Non-magnetic, corrosion-resistant high-grade stainless steel stator body.
- Gun Metal bush is made with additional centrifugal molding process and 2% Nickel is added.
- Superior designed cast iron/SS impellers and diffusers give higher hydraulic performance and greater efficiency and provide higher resistance against wear and tear from sand and other impurities.
- Dynamically balanced rotating parts to ensure minimum noise and vibration.
- Hydraulic parts are made with Investment Casting or Die-base molding process, which gives higher performance and higher efficiency.
- Individually and accurately balanced impeller gives better performance for lower power consumption.
- The pump shaft is made of stainless steel hardened and ground to close tolerance.
- Fitted with NRV & Flap to absorb thrust generated during switch off operation.

Application

Sprinkler & drip irrigation | Civil & Industries | Fire fighting system | Agriculture | Gardening | Hospitality

MATERIAL OF CONSTRUCTION

| | |
|--------------------|---|
| Motor Body | : Stainless Steel |
| Stator | : Vacuum Impregnated and epoxy coated for corrosion resistance. Thick end laminations are provided to protect motor windings. |
| Rotor | : Coated with polyurethane paint for corrosion resistance and dynamically balanced for vibration free smooth operations. |
| Windings | : PVC/ Polyester insulated. |
| Bearings | : Heavy duty angular contact bearing with high load bearing capacity. |
| Thrust Bearings | : Special Self-aligning and water lubricated to with stand high axial thrust load. |
| Breather diaphragm | : Adequately sized to accommodate expansion of water inside the motor and prevent loss cooling water . |
| Impeller | : High quality SS Resistant dynamically balanced. |
| Bowl | : High Grade Cast Iron |
| Shaft | : Stainless Steel of adequate diameter to ensure rigidity and ground to close tolerances. |
| Casing | : High graded Cast Iron. |
| Cable Sealing | : Designed so that no Borewell water with sand can enter the motor. |

| LPW67250M | | | Outlet Size :-100mm (Mixed Flow) | | | | | | |
|--------------|------|-------|----------------------------------|-----|-----|-----|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 660 | 850 | 1020 | 1170 | 1330 |
| 4.5 | 6.0 | 2 | | 29 | 23 | 20 | 17 | 13 | 10 |
| 5.5 | 7.5 | 3 | | 44 | 34 | 30 | 26 | 20 | 15 |
| 7.5 | 10.0 | 4 | | 58 | 46 | 40 | 34 | 26 | 20 |
| 9.3 | 12.5 | 5 | | 72 | 58 | 50 | 42 | 32 | 25 |
| 11.0 | 15.0 | 6 | | 87 | 69 | 60 | 51 | 39 | 32 |
| 13.0 | 17.5 | 7 | | 102 | 80 | 70 | 60 | 46 | 38 |
| 15.0 | 20.0 | 8 | | 116 | 92 | 80 | 68 | 54 | 42 |
| 15.0 | 20.0 | 10 | | 145 | 115 | 105 | 85 | 65 | 50 |
| 18.5 | 25.0 | 10 | | 145 | 115 | 105 | 85 | 65 | 50 |
| 22.5 | 30.0 | 12 | 174 | 138 | 120 | 102 | 78 | 62 | |

| LPW67300M | | | Outlet Size :-100mm (Mixed Flow) | | | | | | |
|--------------|------|-------|----------------------------------|-----|-----|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 700 | 1040 | 1230 | 1350 | 1500 |
| 5.5 | 7.5 | 2 | | 32 | 24 | 19 | 16 | 14 | 10 |
| 7.5 | 10.0 | 3 | | 48 | 36 | 29 | 24 | 20 | 15 |
| 9.3 | 12.5 | 4 | | 64 | 48 | 38 | 32 | 26 | 20 |
| 11.0 | 15.0 | 4 | | 64 | 48 | 38 | 32 | 26 | 20 |
| 11.0 | 15.0 | 5 | | 80 | 60 | 47 | 38 | 34 | 25 |
| 13.0 | 17.5 | 6 | | 96 | 72 | 57 | 47 | 39 | 30 |
| 15.0 | 20.0 | 7 | | 112 | 84 | 67 | 56 | 46 | 35 |
| 18.5 | 25.0 | 8 | | 128 | 96 | 77 | 62 | 55 | 39 |
| 22.5 | 30.0 | 10 | | 160 | 120 | 100 | 80 | 68 | 50 |

Performance may vary depending on Voltage, Frequency and Field Condition

| | | | | Discharge(LPM) Outlet Size:- 100mm(Mixed Flow) | | | | | | | | | | | |
|-----------|------|--------------|-------|--|-----|-----|-----|-----|------|------|------|------|------|------|--|
| MODEL | | MOTOR RATING | | Discharge (LPM) | | | | | | | | | | | |
| No. | kW | HP | Stage | Head(M) | 0 | 460 | 600 | 950 | 1200 | 1300 | 1450 | 1550 | 1660 | 1750 | |
| LPW67250M | 7.5 | 10.0 | 3 | | 52 | 42 | 39 | 35 | 29 | 25 | 21 | 18 | 15 | | |
| LPW67250M | 7.5 | 10.0 | 3 | | 55 | 44 | 41 | 35 | 29 | 27 | 24 | 21 | 18 | | |
| LPW67250M | 15.0 | 20.0 | 6 | | 110 | 88 | 82 | 70 | 58 | 54 | 48 | 42 | 36 | | |
| LPW67400M | 5.5 | 7.5 | 2 | | 35 | 30 | 29 | 25 | 20 | 18 | 14 | 12 | 11 | | |
| LPW67400M | 5.5 | 7.5 | 2 | | 37 | 32 | 31 | 26 | 22 | 20 | 17 | 15 | 12 | | |
| LPW67400M | 9.3 | 12.5 | 3 | | 56 | 48 | 46 | 39 | 33 | 30 | 26 | 22 | 18 | | |
| LPW67400M | 11.0 | 15.0 | 4 | | 74 | 64 | 62 | 52 | 44 | 40 | 34 | 30 | 24 | | |
| LPW67400M | 11.0 | 15.0 | 5 | | 84 | 71 | 67 | 59 | 52 | 47 | 40 | 31 | 24 | | |
| LPW67400M | 13.0 | 17.5 | 5 | | 84 | 71 | 67 | 59 | 52 | 47 | 40 | 31 | 24 | | |
| LPW67400M | 15.0 | 20.0 | 5 | | 92 | 81 | 78 | 65 | 55 | 50 | 42 | 38 | 30 | | |
| LPW67400M | 18.5 | 25.0 | 6 | | 111 | 96 | 93 | 78 | 66 | 60 | 51 | 45 | 36 | | |
| LPW67400M | 22.5 | 30.0 | 8 | | 148 | 128 | 124 | 104 | 88 | 80 | 68 | 60 | 48 | | |
| LPW67500M | 11.0 | 15.0 | 3 | | 60 | 51 | 48 | 42 | 39 | 34 | 30 | 27 | 24 | | |
| LPW67500M | 7.5 | 10.0 | 2 | | 42 | 38 | 35 | 31 | 27 | 25 | 23 | 21 | 19 | 16 | |
| LPW67500M | 15.0 | 20.0 | 4 | | 84 | 74 | 70 | 62 | 54 | 50 | 46 | 42 | 38 | 32 | |
| LPW67500M | 18.5 | 25.0 | 5 | | 105 | 92 | 88 | 78 | 68 | 62 | 58 | 53 | 48 | 40 | |
| LPW67500M | 22.5 | 30.0 | 6 | 126 | 110 | 105 | 93 | 81 | 75 | 69 | 63 | 57 | 48 | | |
| LPW67600M | 9.3 | 12.5 | 2 | 35 | 32 | 30 | 28 | 25 | 22 | 20 | 18 | 16 | 9 | | |

| | | | | Discharge(LPM) Outlet Size: 100mm | | | | | | | | | |
|----------------|------|--------------|-------|-----------------------------------|----|------|------|------|------|------|------|------|--|
| MODEL | | MOTOR RATING | | Discharge (LPM) | | | | | | | | | |
| No. | kW | HP | Stage | | 0 | 1120 | 1580 | 1730 | 1890 | 2100 | 2280 | 2460 | |
| LPW67250MTURBO | 5.5 | 7.5 | 3 | | 48 | 36 | 33 | 30 | 27 | 25 | 21 | 14 | |
| LPW67300MTURBO | 7.5 | 10.0 | 3 | | 48 | 36 | 33 | 30 | 27 | 25 | 21 | 14 | |
| LPW67400MTURBO | 5.5 | 7.5 | 2 | | 34 | 24 | 22 | 20 | 18 | 17 | 14 | 9 | |
| LPW67400MTURBO | 9.3 | 12.5 | 3 | | 48 | 36 | 33 | 30 | 27 | 25 | 21 | 14 | |
| LPW67400MTURBO | 11.0 | 15.0 | 4 | | 65 | 49 | 44 | 41 | 36 | 33 | 28 | 19 | |
| LPW67500MTURBO | 7.5 | 10.0 | 2 | | 34 | 24 | 22 | 20 | 18 | 17 | 14 | 9 | |
| LPW67500MTURBO | 15.0 | 20.0 | 4 | | 70 | 54 | 48 | 45 | 41 | 37 | 33 | 25 | |
| LPW67500MTURBO | 18.5 | 25.0 | 5 | | 88 | 68 | 60 | 56 | 51 | 46 | 41 | 31 | |

Performance may vary depending on Voltage, Frequency and Field Condition



PUMPS | MOTORS



Watering India to Flow



V6/V8

THREE PHASE
200MM WATER FILLED
SUBMERSIBLE PUMPSETS

BORE SIZE:
MIN. 200MM
MAX. OD:
194MM



V6~V8 THREE PHASE 200MM WATER FILLED SUBMERSIBLE PUMPSETS (MIXED FLOW TYPE) SUITABLE FOR 200MM BORE WELL OR ABOVE

DESCRIPTION

We manufactured Submersible Pumpsets as per IS: 8034 Standard which can be used in the field of advanced technology.

All parts are manufactured and fitted precisely using CNC machine that imparts excellent mechanical strength and reliability. The electrical design of Latteys Motors has been done with polyester Coated winding to improve efficiency and reduce electrical consumption.

6" WATER FILLED SUBMERSIBLE MOTOR AND 8" SUBMERSIBLE PUMP

Salient Features

- Induction motors are easily re-windable using multi layer PVC insulated wire for better reliability.
- Motor filled with water gives better cooling to winding as well as bush.
- Self-aligned carbon Stainless steel thrust bearing which withstands high axial thrust load in water lubrication.
- Electrically designed to lower power consumption and operating cost.
- Non-magnetic, corrosion-resistant high-grade stainless steel stator body.
- Gun Metal bush is made with additional centrifugal molding process and 2% Nickel is added.
- Superior designed cast iron/SS impellers and diffusers give higher hydraulic performance and greater efficiency and provide higher resistance against wear and tear from sand and other impurities.
- Dynamically balanced rotating parts to ensure minimum noise and vibration.
- Hydraulic parts are made with Investment Casting or Die-base molding process, which gives higher performance and higher efficiency.
- Individually and accurately balanced impeller gives better performance for lower power consumption.
- The pump shaft is made of stainless steel hardened and ground to close tolerance.
- Fitted with NRV & Flap to absorb thrust generated during switch off operation.

Application

Sprinkler & drip irrigation | Civil & Industries | Fire fighting system | Agriculture | Gardening | Hospitality

MATERIAL OF CONSTRUCTION

| | |
|--------------------|---|
| Motor Body | : Stainless Steel |
| Stator | : Vacuum Impregnated and epoxy coated for corrosion resistance. Thick end laminations are provided to protect motor windings. |
| Rotor | : Coated with polyurethane paint for corrosion resistance and dynamically balanced for vibration free smooth operations. |
| Windings | : PVC/ Polyester insulated. |
| Bearings | : Heavy duty angular contact bearing with high load bearing capacity. |
| Thrust Bearings | : Special Self-aligning and water lubricated to withstand high axial thrust load. |
| Breather diaphragm | : Adequately sized to accommodate expansion of water inside the motor and prevent loss cooling water . |
| Impeller | : High quality SS Resistant dynamically balanced. |
| Bowl | : High Grade Cast Iron |
| Shaft | : Stainless Steel of adequate diameter to ensure rigidity and ground to close tolerances. |
| Casing | : High graded Cast Iron. |
| Cable Sealing | : Designed so that no Borewell water with sand can enter the motor. |

V6/V8 THREE PHASE 200MM WATER FILLED SUBMERSIBLE PUMPSET (MIXED FLOW TYPE) SUITABLE FOR MIN. 200MM BOREWELL OR ABOVE; MAX OD 194MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380~415 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| MODEL | | MOTOR RATING | | Discharge(LPM) Outlet Size:- 100mm(Mixed Flow) | | | | | | | | | | | | | |
|------------|------|--------------|------|--|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|
| No. | kW | HP | Stge | Discharge (LPM) | | | | | | | | | | | | | |
| | | | | Head(M) | 0 | 460 | 600 | 950 | 1200 | 1300 | 1450 | 1550 | 1660 | 1750 | 1800 | 1950 | 2000 |
| LPW68250M | 5.5 | 7.5 | 3 | | 52 | 40 | 32 | 28 | 20 | 14 | 10 | | | | | | |
| LPW68300M | 7.5 | 10.0 | 3 | | 54 | 43 | 40 | 37 | 32 | 29 | 23 | 19 | 17 | | | | |
| LPW68300M | 9.3 | 12.5 | 4 | | 72 | 38 | 35 | 22 | 18 | 14 | 10 | 6 | | | | | |
| LPW68400M | 5.5 | 7.5 | 2 | | 37 | 32 | 30 | 26 | 23 | 30 | 17 | 14 | 12 | | | | |
| LPW68400M | 9.3 | 12.5 | 3 | | 56 | 48 | 45 | 39 | 35 | 33 | 28 | 23 | 18 | | | | |
| LPW68400M | 11.0 | 15.0 | 4 | | 76 | 64 | 60 | 52 | 47 | 43 | 37 | 31 | 24 | | | | |
| LPW68400M | 15.0 | 20.0 | 5 | | 95 | 80 | 75 | 65 | 59 | 54 | 48 | 40 | 30 | | | | |
| LPW68400M | 18.5 | 25.0 | 6 | | 114 | 96 | 90 | 78 | 70 | 65 | 57 | 47 | 36 | | | | |
| LPW68400M | 22.5 | 30.0 | 8 | | 152 | 128 | 120 | 104 | 94 | 86 | 76 | 63 | 48 | | | | |
| LPW68500M | 7.5 | 10.0 | 2 | | 41 | 36 | 33 | 30 | 28 | 24 | 21 | 19 | 17 | 14 | | | |
| LPW68500M | 11.0 | 15.0 | 3 | | 62 | 54 | 50 | 45 | 42 | 38 | 34 | 30 | 25 | 20 | | | |
| LPW68500M | 15.0 | 20.0 | 4 | | 82 | 72 | 66 | 60 | 56 | 48 | 42 | 38 | 34 | 28 | | | |
| LPW68500M | 18.5 | 25.0 | 5 | | 103 | 90 | 83 | 75 | 70 | 60 | 53 | 48 | 43 | 35 | | | |
| LPW68500M | 22.5 | 30.0 | 6 | | 123 | 108 | 99 | 90 | 84 | 72 | 63 | 57 | 51 | 42 | | | |
| LPW68600M | 9.3 | 12.5 | 2 | | 47 | 42 | 38 | 34 | 30 | 28 | 26 | 24 | 22 | 19 | | | |
| LPW68600M | 9.3 | 12.5 | 2 | | 45 | 39 | 37 | 35 | 33 | 31 | 29 | 27 | 24 | 22 | 20 | 18 | 16 |
| LPW68600M | 13.0 | 17.5 | 3 | | 71 | 63 | 57 | 51 | 45 | 42 | 39 | 36 | 33 | 29 | | | |
| LPW68600M | 18.5 | 25.0 | 4 | | 94 | 84 | 76 | 68 | 60 | 56 | 52 | 48 | 44 | 38 | | | |
| LPW68700M | 11.0 | 15.0 | 2 | 49 | 43 | 41 | 38 | 35 | 33 | 30 | 27 | 24 | 22 | 20 | 18 | 16 | |
| LPW68700M | 15.0 | 20.0 | 3 | 73 | 64 | 61 | 57 | 52 | 49 | 47 | 45 | 42 | 39 | 36 | 33 | 30 | |
| LPW68800M | 13.0 | 17.5 | 2 | 51 | 47 | 45 | 41 | 37 | 34 | 32 | 30 | 28 | 26 | 23 | 21 | 19 | |
| LPW68800M | 18.5 | 25.0 | 3 | 76 | 71 | 67 | 62 | 55 | 51 | 48 | 45 | 42 | 39 | 35 | 32 | 28 | |
| LPW681000M | 15.0 | 20.0 | 2 | 54 | 48 | 46 | 43 | 41 | 39 | 38 | 37 | 36 | 34 | 32 | 30 | 27 | |
| LPW681000M | 22.5 | 30.0 | 3 | 81 | 72 | 69 | 65 | 62 | 59 | 57 | 56 | 54 | 51 | 48 | 45 | 41 | |

| MODEL | | MOTOR RATING | | Discharge(LPM) Outlet Size:- 100mm(Mixed Flow) | | | | | | | | | | | | | | |
|------------|------|--------------|------|--|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| No. | kW | HP | Stge | Discharge (LPM) | | | | | | | | | | | | | | |
| | | | | Head(M) | 0 | 460 | 600 | 950 | 1200 | 1300 | 1450 | 1550 | 1660 | 1750 | 1800 | 1950 | 2000 | 2200 |
| LPW68300MS | 7.5 | 10.0 | 3 | | 56 | 45 | 42 | 38 | 34 | 31 | 26 | 22 | 19 | | | | | |
| LPW68400MS | 5.5 | 7.5 | 2 | | 39 | 35 | 32 | 28 | 25 | 22 | 18 | 16 | 13 | | | | | |
| LPW68400MS | 9.3 | 12.5 | 3 | | 59 | 53 | 48 | 42 | 37 | 35 | 30 | 25 | 20 | | | | | |
| LPW68500MS | 11.0 | 15.0 | 5 | | 100 | 88 | 80 | 70 | 62 | 57 | 50 | 42 | 33 | | | | | |
| LPW68500MS | 7.5 | 10.0 | 2 | | 44 | 39 | 37 | 33 | 32 | 28 | 25 | 23 | 20 | 17 | 14 | | | |
| LPW68500MS | 11.0 | 15.0 | 3 | | 66 | 58 | 56 | 50 | 47 | 42 | 37 | 34 | 30 | 25 | 21 | | | |
| LPW68500MS | 7.5 | 10.0 | 2 | | 43 | | 36 | 33 | 31 | 28 | 26 | 25 | 23 | 20 | 17 | 15 | 13 | |
| LPW68600MS | 9.3 | 12.5 | 2 | | 47 | | | | | 36 | 34 | 32 | 30 | 27 | 25 | 22 | 20 | |
| LPW68600MS | 13.0 | 17.5 | 3 | | 69 | | | | | 54 | 51 | 48 | 45 | 55 | 37 | 37 | 30 | |
| LPW68700MS | 11.0 | 15.0 | 2 | | 51 | 48 | 46 | 43 | 40 | 38 | 36 | 35 | 33 | 31 | 30 | 27 | 25 | |
| LPW68700MS | 15.0 | 20.0 | 3 | | 77 | 72 | 69 | 65 | 60 | 57 | 55 | 53 | 50 | 47 | 45 | 41 | 38 | |

Performance may vary depending on Voltage, Frequency and Field Condition

| MODEL | | MOTOR RATING | | Discharge(LPM) Outlet Size:- 100mm(Mixed Flow) | | | | | | | | | | | | | | | |
|----------------|-----|--------------|------|--|----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|
| No. | kW | HP | Stge | Discharge (LPM) | | | | | | | | | | | | | | | |
| | | | | Head(M) | 0 | 460 | 600 | 950 | 1200 | 1300 | 1450 | 1550 | 1660 | 1750 | 1800 | 1950 | 2000 | 2200 | 2300 |
| LPW68300MTURBO | 7.5 | 10 | 3 | | 58 | 50 | 50 | 44 | 43 | 42 | 35 | 33 | 29 | 26 | 23 | 18 | | | |
| LPW68400MTURBO | 9.3 | 12.5 | 3 | | 63 | 51 | 51 | 48 | 47 | 46 | 45 | 43 | 38 | 34 | 31 | 24 | 20 | | |
| LPW68500MTURBO | 7.5 | 10 | 2 | | 47 | 42 | 42 | 36 | 34 | 33 | 32 | 30 | 28 | 26 | 25 | 23 | 17 | 14 | 10 |
| LPW68500MTURBO | 11 | 15 | 3 | | 73 | 69 | 69 | 65 | 64 | 63 | 62 | 61 | 58 | 56 | 52 | 48 | 43 | 38 | 28 |
| LPW68700MTURBO | 11 | 15 | 2 | 51 | 48 | 48 | 43 | 40 | 38 | 37 | 35 | 33 | 31 | 30 | 27 | 25 | 20 | 10 | |

Performance may vary depending on Voltage, Frequency and Field Condition

Watering India to Flow



V8

THREE PHASE
200MM WATER FILLED
SUBMERSIBLE PUMPSETS

BORE SIZE:
MIN. 200MM
MAX. OD:
194MM



V8 THREE PHASE 200MM WATER FILLED SUBMERSIBLE PUMPSETS (RADIAL/MIXED FLOW TYPE) SUITABLE FOR 200MM BORE WELL OR ABOVE

DESCRIPTION

We manufactured Submersible Pumpsets as per IS: 8034 Standard which can be used in the field of advanced technology.

All parts are manufactured and fitted precisely using CNC machine that imparts excellent mechanical strength and reliability. The electrical design of Latteys Motors has been done with polyester Coated winding to improve efficiency and reduce electrical consumption.

8" WATER FILLED SUBMERSIBLE PUMPSETS

Salient Features

- Induction motors are easily re-windable using multi layer PVC insulated wire for better reliability.
- Motor filled with water gives better cooling to winding as well as bush.
- Self-aligned carbon Stainless steel thrust bearing which withstands high axial thrust load in water lubrication.
- Electrically designed to lower power consumption and operating cost.
- Non-magnetic, corrosion-resistant high-grade stainless steel stator body.
- Gun Metal bush is made with additional centrifugal molding process and 2% Nickel is added.
- Superior designed cast iron/SS impellers and diffusers give higher hydraulic performance and greater efficiency and provide higher resistance against wear and tear from sand and other impurities.
- Dynamically balanced rotating parts to ensure minimum noise and vibration.
- Hydraulic parts are made with Investment Casting or Die-base molding process, which gives higher performance and higher efficiency.
- Individually and accurately balanced impeller gives better performance for lower power consumption.
- The pump shaft is made of stainless steel hardened and ground to close tolerance.
- Fitted with NRV & Flap to absorb thrust generated during switch off operation.

Application

Sprinkler & drip irrigation | Civil & Industries | Fire fighting system | Agriculture | Gardening | Hospitality

MATERIAL OF CONSTRUCTION

| | |
|--------------------|---|
| Motor Body | : Stainless Steel |
| Stator | : Vacuum Impregnated and epoxy coated for corrosion resistance. Thick end laminations are provided to protect motor windings. |
| Rotor | : Coated with polyurethane paint for corrosion resistance and dynamically balanced for vibration free smooth operations. |
| Windings | : PVC/ Polyester insulated. |
| Bearings | : Heavy duty angular contact bearing with high load bearing capacity. |
| Thrust Bearings | : Special Self-aligning and water lubricated to withstand high axial thrust load. |
| Breather diaphragm | : Adequately sized to accommodate expansion of water inside the motor and prevent loss cooling water . |
| Impeller | : High quality SS Resistant dynamically balanced. |
| Bowl | : High Grade Cast Iron |
| Shaft | : Stainless Steel of adequate diameter to ensure rigidity and ground to close tolerances. |
| Casing | : High graded Cast Iron. |
| Cable Sealing | : Designed so that no Borewell water with sand can enter the motor. |

V8 THREE PHASE 200MM WATER FILLED SUBMERSIBLE PUMPSET (RADIAL FLOW TYPE) SUITABLE FOR MIN. 200MM BOREWELL OR ABOVE; MAX OD 194MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 415 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| LPW825R | | | Outlet Size :-75mm (Radial Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 110 | 250 | 430 | 550 | 660 | 710 | 880 |
| 15.0 | 20.0 | 8 | | 176 | 162 | 150 | 134 | 107 | 91 | 75 | 54 |
| 18.5 | 25.0 | 10 | | 220 | 202 | 187 | 168 | 134 | 114 | 94 | 68 |
| 22.0 | 30.0 | 12 | | 264 | 242 | 224 | 202 | 161 | 137 | 113 | 82 |
| 30.0 | 40.0 | 14 | | 308 | 283 | 262 | 235 | 188 | 160 | 132 | 95 |
| 30.0 | 40.0 | 16 | | 352 | 323 | 299 | 269 | 214 | 182 | 150 | 109 |
| 33.0 | 45.0 | 18 | | 396 | 364 | 337 | 302 | 241 | 205 | 169 | 122 |

| LPW830R | | | Outlet Size :-75mm (Radial Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 164 | 404 | 483 | 704 | 746 | 782 | 837 |
| 11.0 | 15.0 | 5 | | 111 | 104 | 97 | 93 | 68 | 60 | 50 | 41 |
| 15.0 | 20.0 | 6 | | 134 | 125 | 117 | 111 | 81 | 72 | 60 | 49 |
| 15.0 | 20.0 | 7 | | 156 | 146 | 136 | 130 | 95 | 84 | 70 | 57 |
| 18.5 | 25.0 | 8 | | 178 | 167 | 156 | 148 | 108 | 97 | 81 | 65 |
| 22.0 | 30.0 | 10 | | 223 | 209 | 194 | 185 | 135 | 121 | 101 | 81 |
| 26.0 | 35.0 | 12 | | 267 | 251 | 233 | 222 | 162 | 145 | 121 | 98 |
| 30.0 | 40.0 | 13 | | 289 | 271 | 253 | 241 | 176 | 157 | 131 | 106 |
| 37.0 | 50.0 | 15 | | 334 | 313 | 292 | 278 | 203 | 181 | 151 | 122 |
| 37.0 | 50.0 | 16 | | 356 | 334 | 311 | 296 | 216 | 193 | 161 | 130 |
| 37.0 | 50.0 | 17 | | 378 | 355 | 330 | 315 | 230 | 205 | 171 | 138 |
| 45.0 | 60.0 | 20 | | 445 | 418 | 389 | 370 | 270 | 241 | 201 | 163 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW840R | | | Outlet Size :-75mm (Radial Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----|-----|-----|-----|-----|-----|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 767 | 825 | 885 | 928 | 969 | 1000 | 1052 |
| 15.0 | 20.0 | 5 | | 113 | 97 | 77 | 71 | 66 | 61 | 60 | 55 |
| 18.5 | 25.0 | 6 | | 135 | 117 | 93 | 86 | 80 | 73 | 72 | 66 |
| 22.0 | 30.0 | 7 | | 158 | 136 | 108 | 100 | 93 | 86 | 84 | 78 |
| 22.0 | 30.0 | 8 | | 180 | 155 | 123 | 114 | 106 | 98 | 95 | 89 |
| 26.0 | 35.0 | 9 | | 203 | 175 | 139 | 129 | 120 | 110 | 107 | 100 |
| 30.0 | 40.0 | 10 | | 225 | 194 | 154 | 143 | 133 | 122 | 119 | 111 |
| 33.5 | 45.0 | 11 | | 248 | 214 | 170 | 157 | 146 | 134 | 131 | 122 |
| 37.0 | 50.0 | 12 | | 270 | 233 | 185 | 171 | 159 | 147 | 143 | 133 |
| 37.0 | 50.0 | 13 | | 293 | 253 | 201 | 186 | 173 | 159 | 155 | 144 |
| 45.0 | 60.0 | 15 | | 338 | 291 | 231 | 214 | 199 | 183 | 179 | 166 |

Performance may vary depending on Voltage, Frequency and Field Condition

V8 THREE PHASE 200MM WATER FILLED SUBMERSIBLE PUMPSET (RADIAL FLOW TYPE) SUITABLE FOR MIN. 200MM BOREWELL OR ABOVE; MAX OD 194MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 415 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| LPW850R | | | Outlet Size :-75mm (Radial Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----------------|-----|-----|-----|-----|------|------|------|
| MOTOR RATING | | | Head(M) | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | | 0 | 750 | 825 | 900 | 975 | 1050 | 1125 | 1200 |
| 7.5 | 10.0 | 2 | | 42 | 38 | 36 | 33 | 30 | 26 | 25 | 20 |
| 11.0 | 15.0 | 3 | | 62 | 56 | 54 | 49 | 45 | 42 | 35 | 30 |
| 15.0 | 20.0 | 4 | | 84 | 74 | 71 | 65 | 60 | 55 | 48 | 40 |
| 18.5 | 25.0 | 5 | | 105 | 92 | 88 | 82 | 75 | 68 | 60 | 50 |
| 22.0 | 30.0 | 6 | | 125 | 110 | 105 | 99 | 90 | 82 | 72 | 60 |
| 26.0 | 35.0 | 7 | | 145 | 130 | 124 | 115 | 105 | 95 | 81 | 70 |
| 30.0 | 40.0 | 8 | | 167 | 147 | 139 | 130 | 120 | 108 | 93 | 80 |
| 33.5 | 45.0 | 9 | | 190 | 164 | 155 | 145 | 135 | 123 | 105 | 90 |
| 37.0 | 50.0 | 10 | | 210 | 185 | 170 | 160 | 150 | 135 | 120 | 100 |
| 37.0 | 50.0 | 11 | | 230 | 202 | 191 | 180 | 165 | 148 | 130 | 105 |
| 45.0 | 60.0 | 12 | | 250 | 220 | 210 | 195 | 180 | 160 | 142 | 118 |
| 56.0 | 75.0 | 14 | | 295 | 257 | 245 | 230 | 210 | 190 | 166 | 149 |
| 56.0 | 75.0 | 15 | | 315 | 275 | 264 | 241 | 225 | 205 | 178 | 146 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW860R | | | Outlet Size :-75mm (Radial Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----------------|-----|-----|------|------|------|------|------|
| MOTOR RATING | | | Head(M) | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | | 0 | 800 | 925 | 1025 | 1150 | 1250 | 1325 | 1400 |
| 9.3 | 12.5 | 2 | | 42 | 38 | 36 | 34 | 32 | 28 | 25 | 21 |
| 13.0 | 17.5 | 3 | | 62 | 56 | 53 | 51 | 47 | 42 | 36 | 30 |
| 18.5 | 25.0 | 4 | | 82 | 75 | 71 | 67 | 62 | 55 | 48 | 40 |
| 22.0 | 30.0 | 5 | | 104 | 95 | 90 | 86 | 77 | 69 | 60 | 50 |
| 26.0 | 35.0 | 6 | | 126 | 113 | 108 | 102 | 92 | 82 | 72 | 60 |
| 30.0 | 40.0 | 7 | | 146 | 132 | 124 | 120 | 107 | 96 | 83 | 69 |
| 37.0 | 50.0 | 8 | | 166 | 150 | 142 | 135 | 122 | 109 | 95 | 79 |
| 45.0 | 60.0 | 10 | | 208 | 188 | 178 | 170 | 152 | 136 | 119 | 99 |
| 56.0 | 75.0 | 12 | | 250 | 225 | 214 | 203 | 182 | 163 | 142 | 118 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW870R | | | Outlet Size :-75mm (Radial Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----------------|-----|------|------|------|------|------|------|
| MOTOR RATING | | | Head(M) | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | | 0 | 925 | 1000 | 1125 | 1225 | 1350 | 1425 | 1500 |
| 11.0 | 15.0 | 2 | | 43 | 39 | 37 | 35 | 32 | 29 | 25 | 22 |
| 15.0 | 20.0 | 3 | | 63 | 58 | 54 | 51 | 47 | 42 | 36 | 30 |
| 26.0 | 35.0 | 5 | | 105 | 96 | 90 | 85 | 77 | 69 | 60 | 51 |
| 30.0 | 40.0 | 6 | | 126 | 115 | 108 | 102 | 92 | 82 | 72 | 61 |
| 37.0 | 50.0 | 7 | | 147 | 133 | 125 | 120 | 107 | 96 | 83 | 70 |
| 45.0 | 60.0 | 9 | | 188 | 171 | 162 | 152 | 137 | 123 | 107 | 90 |
| 56.0 | 75.0 | 10 | | 210 | 190 | 180 | 170 | 152 | 135 | 120 | 99 |

Performance may vary depending on Voltage, Frequency and Field Condition

V8 THREE PHASE 200MM WATER FILLED SUBMERSIBLE PUMPSET (MIX FLOW TYPE) SUITABLE FOR MIN. 200MM BOREWELL OR ABOVE; MAX OD 194MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 415 VOLTS, 3-PHASE, 50 Hz, 50 HZ, A.C. SUPPLY

| LPW815M333 | | | Outlet Size :-75mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 175 | 210 | 225 | 300 | 315 | 330 | 360 |
| 7.5 | 10.0 | 7 | | 140 | 111 | 109 | 106 | 98 | 93 | 90 | 74 |
| 9.3 | 12.5 | 8 | | 160 | 127 | 125 | 121 | 112 | 106 | 102 | 85 |
| 11.0 | 15.0 | 10 | | 200 | 159 | 156 | 151 | 140 | 133 | 128 | 106 |
| 17.0 | 22.5 | 15 | | 300 | 239 | 234 | 227 | 210 | 200 | 192 | 159 |
| 18.5 | 25.0 | 16 | | 320 | 254 | 250 | 242 | 224 | 213 | 205 | 170 |
| 18.5 | 25.0 | 17 | | 340 | 270 | 265 | 257 | 238 | 226 | 218 | 180 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW820M333 | | | Outlet Size :-75mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 245 | 370 | 400 | 430 | 560 | 610 | 785 |
| 7.5 | 10.0 | 5 | | 97 | 86 | 77 | 73 | 70 | 53 | 42 | 19 |
| 9.3 | 12.5 | 6 | | 116 | 103 | 92 | 87 | 84 | 63 | 50 | 23 |
| 11.0 | 15.0 | 7 | | 135 | 121 | 107 | 102 | 98 | 74 | 59 | 26 |
| 13.0 | 17.5 | 8 | | 154 | 138 | 123 | 116 | 112 | 84 | 67 | 30 |
| 13.0 | 17.5 | 9 | | 174 | 155 | 138 | 131 | 126 | 95 | 76 | 34 |
| 15.0 | 20.0 | 10 | | 193 | 172 | 153 | 146 | 140 | 105 | 84 | 38 |
| 18.5 | 25.0 | 12 | | 232 | 207 | 184 | 175 | 168 | 126 | 101 | 45 |
| 18.5 | 25.0 | 13 | | 251 | 224 | 199 | 189 | 182 | 137 | 109 | 49 |
| 22.5 | 30.0 | 14 | | 270 | 241 | 214 | 204 | 196 | 147 | 118 | 53 |
| 22.5 | 30.0 | 15 | | 290 | 259 | 230 | 218 | 210 | 158 | 126 | 57 |
| 26.0 | 35.0 | 17 | | 328 | 293 | 260 | 248 | 238 | 179 | 143 | 64 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW825M333 | | | Outlet Size :-75mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 260 | 300 | 360 | 410 | 440 | 490 | 525 |
| 7.5 | 10.0 | 4 | | 96 | 84 | 81 | 77 | 74 | 71 | 64 | 59 |
| 9.3 | 12.5 | 5 | | 120 | 105 | 102 | 97 | 93 | 89 | 80 | 74 |
| 11.0 | 15.0 | 6 | | 144 | 126 | 122 | 116 | 111 | 107 | 96 | 89 |
| 13.0 | 17.5 | 7 | | 168 | 147 | 142 | 135 | 130 | 125 | 112 | 104 |
| 15.0 | 20.0 | 8 | | 192 | 168 | 162 | 154 | 148 | 142 | 128 | 118 |
| 18.5 | 25.0 | 10 | | 240 | 210 | 203 | 193 | 185 | 178 | 160 | 148 |
| 20.5 | 27.5 | 11 | | 264 | 231 | 223 | 212 | 204 | 196 | 176 | 163 |
| 22.0 | 30.0 | 12 | | 288 | 252 | 244 | 232 | 222 | 214 | 192 | 178 |
| 26.0 | 35.0 | 14 | | 336 | 294 | 284 | 270 | 259 | 249 | 224 | 207 |
| 30.0 | 40.0 | 16 | | 384 | 336 | 325 | 309 | 296 | 285 | 256 | 237 |
| 33.5 | 45.0 | 18 | | 432 | 378 | 365 | 347 | 333 | 320 | 288 | 266 |
| 37.0 | 50.0 | 20 | | 480 | 420 | 406 | 386 | 370 | 356 | 320 | 296 |

Performance may vary depending on Voltage, Frequency and Field Condition

V8 THREE PHASE 200MM WATER FILLED SUBMERSIBLE PUMPSET (RADIAL FLOW TYPE) SUITABLE FOR MIN. 175MM BOREWELL OR ABOVE; MAX OD 194MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 415 VOLTS, 3-PHASE, 50 Hz, 50 HZ, A.C. SUPPLY

| LPW830M333 | | | Outlet Size :-75mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|---------------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Head(M) | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | | 0 | 300 | 350 | 386 | 510 | 542 | 563 | 612 |
| 7.5 | 10.0 | 3 | | 72 | 61 | 59 | 58 | 54 | 51 | 50 | 41 |
| 9.3 | 12.5 | 4 | | 96 | 82 | 79 | 77 | 72 | 68 | 66 | 54 |
| 11.0 | 15.0 | 5 | | 120 | 102 | 99 | 97 | 90 | 86 | 83 | 68 |
| 13.0 | 17.5 | 6 | | 144 | 122 | 119 | 116 | 108 | 103 | 99 | 82 |
| 15.0 | 20.0 | 7 | | 168 | 143 | 139 | 135 | 126 | 120 | 116 | 95 |
| 18.5 | 25.0 | 8 | | 192 | 163 | 158 | 154 | 144 | 137 | 132 | 109 |
| 20.5 | 27.5 | 9 | | 216 | 184 | 178 | 174 | 162 | 154 | 149 | 122 |
| 22.0 | 30.0 | 10 | | 240 | 204 | 198 | 193 | 180 | 171 | 165 | 136 |
| 26.0 | 35.0 | 12 | | 288 | 245 | 238 | 232 | 216 | 205 | 198 | 163 |
| 30.0 | 40.0 | 13 | | 312 | 265 | 257 | 251 | 234 | 222 | 215 | 177 |
| 30.0 | 40.0 | 14 | | 336 | 286 | 277 | 270 | 252 | 239 | 231 | 190 |
| 33.5 | 45.0 | 15 | | 360 | 306 | 297 | 290 | 270 | 257 | 248 | 204 |
| 33.5 | 45.0 | 16 | | 384 | 326 | 317 | 309 | 288 | 274 | 264 | 218 |
| 37.0 | 50.0 | 16 | | 384 | 326 | 317 | 309 | 288 | 274 | 264 | 218 |
| 37.0 | 50.0 | 17 | | 408 | 347 | 337 | 328 | 306 | 291 | 281 | 231 |
| 41.0 | 55.0 | 18 | | 432 | 367 | 356 | 347 | 324 | 308 | 297 | 245 |
| 45.0 | 60.0 | 19 | | 456 | 388 | 376 | 367 | 342 | 325 | 314 | 258 |
| 45.0 | 60.0 | 20 | | 480 | 408 | 396 | 386 | 360 | 342 | 330 | 272 |
| 45.0 | 60.0 | 21 | | 504 | 428 | 416 | 405 | 378 | 359 | 347 | 286 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW835M333 | | | Outlet Size :-75mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|---------------------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Head(M) | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | | 0 | 500 | 550 | 585 | 610 | 650 | 700 | 755 |
| 7.5 | 10.0 | 3 | | 66 | 55 | 53 | 52 | 51 | 48 | 45 | 42 |
| 11.0 | 15.0 | 4 | | 88 | 73 | 71 | 69 | 68 | 64 | 60 | 56 |
| 13.0 | 17.5 | 5 | | 110 | 91 | 89 | 86 | 85 | 80 | 75 | 70 |
| 15.0 | 20.0 | 6 | | 132 | 110 | 107 | 104 | 102 | 96 | 90 | 84 |
| 18.5 | 25.0 | 7 | | 154 | 128 | 124 | 121 | 119 | 111 | 106 | 98 |
| 20.5 | 27.5 | 8 | | 176 | 146 | 142 | 138 | 136 | 127 | 121 | 112 |
| 22.0 | 30.0 | 9 | | 198 | 164 | 160 | 155 | 153 | 143 | 136 | 126 |
| 26.0 | 35.0 | 10 | | 220 | 183 | 178 | 173 | 170 | 159 | 151 | 140 |
| 30.0 | 40.0 | 11 | | 242 | 201 | 195 | 190 | 187 | 175 | 166 | 154 |
| 30.0 | 40.0 | 12 | | 264 | 219 | 213 | 207 | 204 | 191 | 181 | 168 |
| 33.5 | 45.0 | 14 | | 308 | 256 | 249 | 242 | 238 | 223 | 211 | 196 |
| 37.0 | 50.0 | 15 | | 330 | 274 | 266 | 259 | 255 | 239 | 226 | 210 |
| 41.0 | 55.0 | 16 | | 352 | 292 | 284 | 276 | 272 | 255 | 241 | 224 |
| 45.0 | 60.0 | 17 | | 374 | 310 | 302 | 293 | 288 | 271 | 256 | 238 |
| 45.0 | 60.0 | 18 | | 396 | 329 | 320 | 311 | 305 | 287 | 271 | 252 |

Performance may vary depending on Voltage, Frequency and Field Condition

V8 THREE PHASE 200MM WATER FILLED SUBMERSIBLE PUMPSET (MIX FLOW TYPE) SUITABLE FOR MIN. 200MM BOREWELL OR ABOVE; MAX OD 194MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 415 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| LPW840M333 | | | Outlet Size :-75mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 460 | 555 | 705 | 768 | 850 | 885 | 925 |
| 9.3 | 12.5 | 3 | | 72 | 58 | 55 | 49 | 47 | 44 | 42 | 40 |
| 15.0 | 20.0 | 5 | | 120 | 96 | 91 | 82 | 78 | 73 | 70 | 67 |
| 18.5 | 25.0 | 6 | | 144 | 115 | 109 | 98 | 93 | 87 | 84 | 80 |
| 22.0 | 30.0 | 7 | | 168 | 134 | 127 | 114 | 109 | 102 | 98 | 93 |
| 22.0 | 30.0 | 8 | | 192 | 154 | 146 | 130 | 124 | 116 | 112 | 106 |
| 26.0 | 35.0 | 9 | | 216 | 173 | 164 | 147 | 140 | 131 | 126 | 120 |
| 30.0 | 40.0 | 10 | | 240 | 192 | 182 | 163 | 155 | 145 | 140 | 133 |
| 30.0 | 40.0 | 11 | | 264 | 211 | 200 | 179 | 171 | 160 | 154 | 146 |
| 33.5 | 45.0 | 11 | | 264 | 211 | 200 | 179 | 171 | 160 | 154 | 146 |
| 33.5 | 45.0 | 12 | | 288 | 230 | 218 | 196 | 186 | 174 | 168 | 160 |
| 37.0 | 50.0 | 12 | | 288 | 230 | 218 | 196 | 186 | 174 | 168 | 160 |
| 37.0 | 50.0 | 13 | | 312 | 250 | 237 | 212 | 202 | 189 | 182 | 173 |
| 41.0 | 55.0 | 14 | | 336 | 269 | 255 | 228 | 217 | 203 | 196 | 186 |
| 45.0 | 60.0 | 15 | | 360 | 288 | 273 | 245 | 233 | 218 | 210 | 200 |
| 45.0 | 60.0 | 16 | | 384 | 307 | 291 | 261 | 248 | 232 | 224 | 213 |
| 56.0 | 75.0 | 18 | | 432 | 346 | 328 | 293 | 279 | 261 | 252 | 239 |
| 56.0 | 75.0 | 19 | | 456 | 365 | 346 | 310 | 295 | 276 | 266 | 253 |
| 56.0 | 75.0 | 20 | | 480 | 384 | 364 | 326 | 310 | 290 | 280 | 266 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW850M333 | | | Outlet Size :-75mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|---------------------------------|-----|-----|-----|-----|-----|-----|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 555 | 660 | 760 | 912 | 961 | 1006 | 1057 |
| 7.5 | 10.0 | 2 | | 48 | 41 | 39 | 38 | 36 | 33 | 29 | 27 |
| 11.0 | 15.0 | 3 | | 72 | 61 | 59 | 56 | 54 | 49 | 44 | 40 |
| 15.0 | 20.0 | 4 | | 96 | 82 | 78 | 75 | 72 | 65 | 59 | 53 |
| 18.5 | 25.0 | 5 | | 120 | 102 | 98 | 94 | 90 | 82 | 74 | 67 |
| 22.0 | 30.0 | 6 | | 144 | 122 | 117 | 113 | 108 | 98 | 88 | 80 |
| 26.0 | 35.0 | 7 | | 168 | 143 | 137 | 132 | 126 | 114 | 103 | 93 |
| 30.0 | 40.0 | 8 | | 192 | 163 | 156 | 150 | 144 | 130 | 118 | 106 |
| 33.5 | 45.0 | 9 | | 216 | 184 | 176 | 169 | 162 | 147 | 132 | 120 |
| 37.0 | 50.0 | 10 | | 240 | 204 | 195 | 188 | 180 | 163 | 147 | 133 |
| 41.0 | 55.0 | 11 | | 264 | 224 | 215 | 207 | 198 | 179 | 162 | 146 |
| 45.0 | 60.0 | 12 | | 288 | 245 | 234 | 226 | 216 | 196 | 176 | 160 |
| 45.0 | 60.0 | 13 | | 312 | 265 | 254 | 244 | 234 | 212 | 191 | 173 |
| 56.0 | 75.0 | 15 | | 360 | 306 | 293 | 282 | 270 | 245 | 221 | 200 |
| 63.0 | 85.0 | 17 | | 408 | 347 | 332 | 320 | 306 | 277 | 250 | 226 |

Performance may vary depending on Voltage, Frequency and Field Condition

V8 384 THREE PHASE 200MM WATER FILLED SUBMERSIBLE PUMPSET (MIXED FLOW TYPE) SUITABLE FOR MIN. 200MM BOREWELL OR ABOVE; MAX OD 194MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 415 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| LPW850MS | | | Outlet Size :-100mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----------------|-----|-----|------|------|------|------|------|
| MOTOR RATING | | | Head(M) | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | | 0 | 790 | 885 | 1000 | 1160 | 1225 | 1316 | 1425 |
| 7.5 | 10.0 | 2 | | 45 | 34 | 32 | 30 | 28 | 26 | 23 | 20 |
| 11.0 | 15.0 | 3 | | 68 | 51 | 48 | 45 | 42 | 39 | 35 | 30 |
| 15.0 | 20.0 | 4 | | 90 | 68 | 64 | 60 | 56 | 52 | 46 | 40 |
| 18.5 | 25.0 | 5 | | 113 | 85 | 80 | 75 | 70 | 65 | 58 | 51 |
| 22.0 | 30.0 | 6 | | 135 | 102 | 96 | 90 | 84 | 78 | 69 | 61 |
| 26.0 | 35.0 | 7 | | 158 | 119 | 112 | 105 | 98 | 91 | 81 | 71 |
| 30.0 | 40.0 | 8 | | 180 | 136 | 128 | 120 | 112 | 104 | 92 | 81 |
| 33.5 | 45.0 | 9 | | 203 | 153 | 144 | 135 | 126 | 117 | 104 | 91 |
| 37.0 | 50.0 | 10 | | 225 | 170 | 160 | 150 | 140 | 130 | 115 | 101 |
| 37.0 | 50.0 | 11 | | 248 | 187 | 176 | 165 | 154 | 143 | 127 | 111 |
| 41.0 | 55.0 | 11 | | 270 | 204 | 192 | 180 | 168 | 156 | 138 | 121 |
| 45.0 | 60.0 | 12 | | 293 | 221 | 208 | 195 | 182 | 169 | 150 | 132 |
| 45.0 | 60.0 | 13 | | 315 | 238 | 224 | 210 | 196 | 182 | 161 | 142 |
| 56.0 | 75.0 | 15 | | 338 | 255 | 240 | 225 | 210 | 195 | 173 | 152 |

| LPW860MS | | | Outlet Size :-100mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----------------|-----|------|------|------|------|------|------|
| MOTOR RATING | | | Head(M) | Discharge (LPM) | | | | | | | |
| kW | HP | Stage | | 0 | 955 | 1105 | 1255 | 1370 | 1455 | 1526 | 1625 |
| 9.3 | 12.5 | 2 | | 45 | 34 | 32 | 30 | 28 | 26 | 23 | 20 |
| 18.5 | 25.0 | 4 | | 90 | 68 | 64 | 60 | 56 | 52 | 46 | 40 |
| 22.0 | 30.0 | 5 | | 113 | 85 | 80 | 75 | 70 | 65 | 58 | 51 |
| 26.0 | 35.0 | 6 | | 135 | 102 | 96 | 90 | 84 | 78 | 69 | 61 |
| 30.0 | 40.0 | 7 | | 158 | 119 | 112 | 105 | 98 | 91 | 81 | 71 |
| 37.0 | 50.0 | 8 | | 180 | 136 | 128 | 120 | 112 | 104 | 92 | 81 |
| 41.0 | 55.0 | 9 | | 203 | 153 | 144 | 135 | 126 | 117 | 104 | 91 |
| 45.0 | 60.0 | 10 | | 225 | 170 | 160 | 150 | 140 | 130 | 115 | 101 |
| 45.0 | 60.0 | 11 | | 248 | 187 | 176 | 165 | 154 | 143 | 127 | 111 |
| 56.0 | 75.0 | 12 | | 270 | 207 | 192 | 180 | 168 | 156 | 138 | 121 |
| 56.0 | 75.0 | 13 | | 293 | 221 | 208 | 195 | 182 | 169 | 150 | 132 |
| 63.0 | 85.0 | 14 | | 315 | 238 | 224 | 210 | 196 | 182 | 161 | 142 |
| 63.0 | 85.0 | 15 | | 338 | 255 | 240 | 225 | 210 | 195 | 173 | 152 |

Performance may vary depending on Voltage, Frequency and Field Condition

**V8 384 THREE PHASE 200MM WATER FILLED SUBMERSIBLE PUMPSET
(MIXED FLOW TYPE) SUITABLE FOR MIN. 200MM BOREWELL OR ABOVE; MAX OD 194MM**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 415 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| LPW870MS | | | Outlet Size :-100mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----|------|------|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 1055 | 1150 | 1405 | 1602 | 1710 | 1812 | 1910 |
| 11.0 | 15.0 | 2 | | 43 | 34 | 33 | 31 | 28 | 26 | 24 | 20 |
| 15.0 | 20.0 | 3 | | 65 | 51 | 50 | 46 | 42 | 39 | 35 | 30 |
| 22.0 | 30.0 | 4 | | 86 | 68 | 66 | 61 | 56 | 52 | 47 | 40 |
| 26.0 | 35.0 | 5 | | 108 | 85 | 83 | 76 | 70 | 65 | 59 | 50 |
| 30.0 | 40.0 | 6 | | 129 | 102 | 99 | 92 | 84 | 78 | 71 | 60 |
| 33.5 | 45.0 | 6 | | 129 | 102 | 99 | 92 | 84 | 78 | 71 | 60 |
| 37.0 | 50.0 | 7 | | 151 | 119 | 116 | 107 | 98 | 91 | 82 | 70 |
| 41.0 | 55.0 | 8 | | 172 | 136 | 132 | 122 | 112 | 104 | 94 | 80 |
| 45.0 | 60.0 | 9 | | 194 | 153 | 149 | 137 | 126 | 117 | 106 | 90 |
| 56.0 | 75.0 | 10 | | 215 | 170 | 165 | 153 | 140 | 130 | 118 | 100 |
| 56.0 | 75.0 | 11 | | 237 | 187 | 182 | 168 | 154 | 143 | 129 | 110 |
| 63.0 | 85.0 | 12 | | 258 | 204 | 198 | 183 | 168 | 156 | 141 | 120 |
| 63.0 | 85.0 | 13 | | 280 | 221 | 215 | 198 | 182 | 169 | 153 | 130 |

| LPW840M | | | Outlet Size :-100mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----|-----|-----|-----|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 605 | 810 | 910 | 1005 | 1250 | 1355 | 1452 |
| 9.3 | 12.5 | 3 | | 60 | 53 | 48 | 45 | 42 | 36 | 33 | 30 |
| 11.0 | 15.0 | 4 | | 86 | 70 | 64 | 60 | 56 | 48 | 44 | 40 |
| 15.0 | 20.0 | 5 | | 108 | 88 | 80 | 75 | 70 | 60 | 55 | 50 |
| 18.5 | 25.0 | 6 | | 129 | 105 | 96 | 90 | 84 | 72 | 66 | 60 |
| 22.0 | 30.0 | 7 | | 151 | 123 | 112 | 105 | 98 | 84 | 77 | 70 |
| 22.0 | 30.0 | 8 | | 172 | 140 | 128 | 120 | 112 | 96 | 88 | 80 |
| 26.0 | 35.0 | 8 | | 172 | 140 | 128 | 120 | 112 | 96 | 88 | 80 |
| 26.0 | 35.0 | 9 | | 194 | 158 | 144 | 135 | 126 | 108 | 99 | 90 |
| 30.0 | 40.0 | 10 | | 215 | 175 | 160 | 150 | 146 | 120 | 110 | 100 |
| 33.5 | 45.0 | 11 | | 237 | 193 | 176 | 165 | 154 | 132 | 121 | 110 |
| 37.0 | 50.0 | 12 | | 258 | 210 | 192 | 180 | 168 | 144 | 132 | 120 |
| 41.0 | 55.0 | 14 | | 301 | 245 | 224 | 210 | 196 | 168 | 154 | 140 |
| 45.0 | 60.0 | 15 | | 323 | 263 | 240 | 225 | 210 | 180 | 165 | 150 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW850M | | | Outlet Size :-100mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----|-----|-----|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 705 | 910 | 1042 | 1155 | 1345 | 1470 | 1605 |
| 7.5 | 10.0 | 2 | | 44 | 36 | 34 | 32 | 30 | 27 | 25 | 22 |
| 11.0 | 15.0 | 3 | | 66 | 54 | 51 | 48 | 45 | 41 | 38 | 33 |
| 15.0 | 20.0 | 4 | | 88 | 72 | 68 | 64 | 60 | 54 | 50 | 44 |
| 18.5 | 25.0 | 5 | | 110 | 90 | 85 | 80 | 75 | 68 | 63 | 55 |
| 22.0 | 30.0 | 6 | | 132 | 108 | 102 | 96 | 90 | 81 | 75 | 66 |
| 26.0 | 35.0 | 7 | | 154 | 126 | 119 | 112 | 105 | 95 | 88 | 77 |
| 30.0 | 40.0 | 8 | | 176 | 144 | 136 | 128 | 120 | 108 | 100 | 88 |
| 33.5 | 45.0 | 9 | | 198 | 162 | 153 | 144 | 135 | 122 | 113 | 99 |
| 37.0 | 50.0 | 10 | | 220 | 180 | 170 | 160 | 150 | 135 | 125 | 110 |
| 37.0 | 50.0 | 11 | | 242 | 198 | 187 | 176 | 165 | 149 | 138 | 121 |
| 41.0 | 55.0 | 11 | | 242 | 198 | 187 | 176 | 165 | 149 | 138 | 121 |
| 45.0 | 60.0 | 12 | | 264 | 216 | 204 | 192 | 180 | 162 | 150 | 132 |
| 45.0 | 60.0 | 13 | | 286 | 234 | 221 | 208 | 195 | 176 | 163 | 143 |
| 56.0 | 75.0 | 15 | 330 | 270 | 255 | 240 | 225 | 203 | 188 | 165 | |

V8 384 THREE PHASE 200MM WATER FILLED SUBMERSIBLE PUMPSET (MIXED FLOW TYPE) SUITABLE FOR MIN. 200MM BOREWELL OR ABOVE; MAX OD 194MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 415 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| LPW860M | | | Outlet Size :-100mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----|-----|------|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 950 | 1052 | 1255 | 1365 | 1535 | 1655 | 1770 |
| 9.3 | 12.5 | 2 | | 47 | 36 | 35 | 32 | 30 | 27 | 24 | 21 |
| 13.0 | 17.5 | 3 | | 71 | 54 | 53 | 48 | 45 | 41 | 36 | 32 |
| 18.5 | 25.0 | 4 | | 94 | 72 | 70 | 64 | 60 | 54 | 48 | 42 |
| 22.0 | 30.0 | 5 | | 118 | 90 | 88 | 80 | 75 | 68 | 60 | 53 |
| 26.0 | 35.0 | 6 | | 141 | 108 | 105 | 96 | 90 | 81 | 72 | 63 |
| 30.0 | 40.0 | 7 | | 165 | 126 | 123 | 112 | 105 | 95 | 84 | 74 |
| 37.0 | 50.0 | 8 | | 188 | 144 | 140 | 128 | 120 | 108 | 96 | 84 |
| 41.0 | 55.0 | 9 | | 212 | 162 | 150 | 144 | 135 | 122 | 108 | 95 |
| 45.0 | 60.0 | 10 | | 235 | 180 | 175 | 160 | 150 | 135 | 120 | 105 |
| 45.0 | 60.0 | 11 | | 259 | 198 | 193 | 176 | 165 | 149 | 132 | 116 |
| 56.0 | 75.0 | 12 | | 282 | 216 | 210 | 192 | 180 | 162 | 144 | 126 |
| 56.0 | 75.0 | 13 | | 306 | 234 | 228 | 208 | 192 | 176 | 156 | 137 |
| 63.0 | 85.0 | 14 | | 329 | 252 | 245 | 224 | 210 | 189 | 168 | 147 |
| 63.0 | 85.0 | 15 | | 353 | 270 | 263 | 240 | 225 | 203 | 180 | 158 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW870M | | | Outlet Size :-100mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----|------|------|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 1310 | 1450 | 1555 | 1690 | 1810 | 1960 | 2110 |
| 11.0 | 15.0 | 2 | | 49 | 36 | 34 | 32 | 30 | 27 | 24 | 21 |
| 15.0 | 20.0 | 3 | | 74 | 54 | 51 | 48 | 45 | 41 | 36 | 32 |
| 22.0 | 30.0 | 4 | | 98 | 72 | 68 | 64 | 60 | 54 | 48 | 42 |
| 26.0 | 35.0 | 5 | | 123 | 90 | 85 | 80 | 75 | 68 | 60 | 53 |
| 30.0 | 40.0 | 6 | | 147 | 108 | 102 | 96 | 90 | 81 | 72 | 63 |
| 33.5 | 45.0 | 6 | | 147 | 108 | 102 | 96 | 90 | 81 | 72 | 63 |
| 37.0 | 50.0 | 7 | | 172 | 126 | 119 | 112 | 105 | 95 | 84 | 74 |
| 41.0 | 55.0 | 8 | | 196 | 144 | 136 | 128 | 120 | 108 | 96 | 84 |
| 45.0 | 60.0 | 9 | | 221 | 162 | 153 | 144 | 135 | 122 | 108 | 95 |
| 56.0 | 75.0 | 10 | | 245 | 180 | 170 | 160 | 150 | 135 | 120 | 105 |
| 56.0 | 75.0 | 11 | | 270 | 198 | 187 | 176 | 165 | 149 | 132 | 116 |
| 63.0 | 85.0 | 12 | | 294 | 216 | 204 | 192 | 180 | 162 | 144 | 126 |
| 63.0 | 85.0 | 13 | | 319 | 234 | 221 | 208 | 195 | 176 | 156 | 137 |

| LPW880M | | | Outlet Size :-100mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----|------|------|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 1310 | 1500 | 1655 | 1760 | 1860 | 1977 | 2160 |
| 11.0 | 15.0 | 2 | | 51 | 37 | 34 | 32 | 30 | 28 | 26 | 21 |
| 18.5 | 25.0 | 3 | | 77 | 56 | 51 | 48 | 45 | 42 | 39 | 32 |
| 26.0 | 35.0 | 4 | | 102 | 74 | 68 | 64 | 60 | 56 | 52 | 42 |
| 30.0 | 40.0 | 5 | | 128 | 93 | 85 | 80 | 75 | 70 | 65 | 53 |
| 37.0 | 50.0 | 6 | | 154 | 111 | 102 | 96 | 90 | 84 | 78 | 63 |
| 41.0 | 55.0 | 7 | | 179 | 130 | 119 | 112 | 105 | 98 | 91 | 74 |
| 45.0 | 60.0 | 8 | | 205 | 148 | 136 | 128 | 120 | 112 | 104 | 84 |
| 56.0 | 75.0 | 9 | | 230 | 167 | 153 | 144 | 135 | 126 | 117 | 95 |
| 56.0 | 75.0 | 10 | | 256 | 185 | 170 | 160 | 150 | 140 | 130 | 105 |
| 63.0 | 85.0 | 11 | | 282 | 204 | 187 | 176 | 165 | 154 | 143 | 116 |

Performance may vary depending on Voltage, Frequency and Field Condition

V8 384 THREE PHASE 200MM WATER FILLED SUBMERSIBLE PUMPSET (MIXED FLOW TYPE) SUITABLE FOR MIN. 200MM BOREWELL OR ABOVE; MAX OD 194MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 415 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| LPW890M | | | Outlet Size :-125mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----|------|------|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 1360 | 1490 | 1610 | 1805 | 2055 | 2210 | 2405 |
| 13 | 17.5 | 2 | | 54 | 43 | 41 | 39 | 35 | 30 | 27 | 22 |
| 20.5 | 27.5 | 3 | | 81 | 65 | 62 | 59 | 53 | 45 | 41 | 33 |
| 26.0 | 35.0 | 4 | | 108 | 86 | 82 | 78 | 70 | 60 | 54 | 44 |
| 33.5 | 45.0 | 5 | | 135 | 108 | 103 | 98 | 88 | 75 | 68 | 55 |
| 41.0 | 55.0 | 6 | | 162 | 129 | 123 | 117 | 105 | 90 | 81 | 66 |
| 45.0 | 60.0 | 7 | | 189 | 151 | 144 | 137 | 123 | 105 | 95 | 77 |
| 56.0 | 75.0 | 8 | | 216 | 172 | 164 | 156 | 140 | 120 | 108 | 88 |
| 63.0 | 85.0 | 9 | | 243 | 194 | 185 | 176 | 158 | 135 | 122 | 99 |
| 63.0 | 85.0 | 10 | | 270 | 215 | 205 | 195 | 175 | 150 | 135 | 110 |

| LPW8100M | | | Outlet Size :-125mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----|------|------|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 1505 | 1610 | 1705 | 1835 | 1932 | 2122 | 2452 |
| 7.5 | 10.0 | 1 | | 26 | 22 | 21 | 20 | 19 | 18 | 15 | 10 |
| 15.0 | 20.0 | 2 | | 52 | 43 | 41 | 40 | 37 | 35 | 30 | 21 |
| 22.0 | 30.0 | 3 | | 78 | 65 | 62 | 60 | 56 | 53 | 45 | 31 |
| 30.0 | 40.0 | 4 | | 104 | 86 | 82 | 80 | 74 | 70 | 60 | 41 |
| 37.0 | 50.0 | 5 | | 130 | 108 | 103 | 100 | 93 | 88 | 75 | 52 |
| 45.0 | 60.0 | 6 | | 156 | 129 | 124 | 120 | 111 | 105 | 90 | 62 |
| 56.0 | 75.0 | 8 | | 208 | 172 | 165 | 160 | 148 | 140 | 120 | 83 |
| 63.0 | 85.0 | 9 | | 234 | 194 | 185 | 180 | 167 | 158 | 135 | 93 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW8100ML | | | Outlet Size :-125mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----|-----|------|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 952 | 1405 | 1803 | 2205 | 2603 | 2905 | 3395 |
| 7.5 | 10.0 | 1 | | 26 | 22 | 20 | 18 | 16 | 14 | 12 | 9 |
| 15.0 | 20.0 | 2 | | 52 | 44 | 40 | 36 | 32 | 28 | 24 | 18 |
| 22.0 | 30.0 | 3 | | 78 | 66 | 60 | 54 | 48 | 42 | 36 | 27 |
| 30.0 | 40.0 | 4 | | 104 | 88 | 80 | 72 | 64 | 56 | 48 | 36 |
| 37.0 | 50.0 | 5 | | 130 | 110 | 100 | 90 | 80 | 70 | 60 | 45 |
| 45.0 | 60.0 | 6 | | 156 | 132 | 120 | 108 | 96 | 84 | 72 | 54 |

| LPW8125ML | | | Outlet Size :-125mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----|------|------|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 1160 | 1520 | 2010 | 2390 | 2810 | 3106 | 3400 |
| 9.3 | 12.5 | 1 | | 27 | 23 | 21 | 19 | 17 | 15 | 13 | 10 |
| 18.5 | 25.0 | 2 | | 54 | 46 | 42 | 38 | 34 | 30 | 26 | 20 |
| 30.0 | 40.0 | 3 | | 81 | 69 | 63 | 57 | 51 | 45 | 39 | 30 |
| 37.0 | 50.0 | 4 | | 108 | 92 | 84 | 76 | 68 | 60 | 52 | 40 |
| 45.0 | 60.0 | 5 | | 135 | 115 | 105 | 95 | 85 | 75 | 65 | 50 |
| 56.0 | 75.0 | 6 | | 162 | 138 | 126 | 114 | 102 | 90 | 78 | 60 |
| 63.0 | 85.0 | 7 | | 189 | 161 | 147 | 133 | 119 | 105 | 91 | 70 |

V8 384 THREE PHASE 200MM WATER FILLED SUBMERSIBLE PUMPSET (MIXED FLOW TYPE) SUITABLE FOR MIN. 200MM BOREWELL OR ABOVE; MAX OD 194MM

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 415 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| LPW8150ML | | | Outlet Size :-125mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----|------|------|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 1455 | 1752 | 2210 | 2825 | 3005 | 3200 | 3400 |
| 11 | 15.0 | 1 | | 30 | 25 | 23 | 21 | 18 | 16 | 15 | 13 |
| 22 | 30.0 | 2 | | 60 | 49 | 46 | 42 | 35 | 32 | 30 | 26 |
| 33.5 | 45.0 | 3 | | 90 | 74 | 69 | 63 | 53 | 48 | 45 | 39 |
| 45 | 60.0 | 4 | | 120 | 98 | 92 | 84 | 70 | 64 | 60 | 52 |
| 56 | 75.0 | 5 | | 150 | 123 | 115 | 105 | 88 | 80 | 75 | 65 |
| 63 | 85.0 | 6 | | 180 | 147 | 138 | 126 | 105 | 96 | 90 | 78 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW8175ML | | | Outlet Size :-125mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----|------|------|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 1805 | 2204 | 2800 | 3355 | 3502 | 3695 | 4000 |
| 13 | 17.5 | 1 | | 31 | 24 | 22 | 20 | 18 | 17 | 16 | 14 |
| 26 | 35 | 2 | | 62 | 48 | 44 | 40 | 36 | 33 | 31 | 28 |
| 37 | 50 | 3 | | 93 | 72 | 66 | 60 | 54 | 50 | 47 | 42 |
| 56 | 75 | 4 | | 124 | 96 | 88 | 80 | 72 | 66 | 62 | 56 |
| 63 | 85 | 5 | | 155 | 120 | 110 | 100 | 90 | 83 | 78 | 70 |

| LPW8100ML | | | Outlet Size :-125mm (Mixed Flow) | | | | | | | | |
|--------------|----|-------|----------------------------------|-----|------|------|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 1255 | 1602 | 1755 | 2004 | 2210 | 2315 | 2510 |
| 7.5 | 10 | 1 | | 30 | 24 | 22 | 21 | 19 | 17 | 16 | 14 |
| 15 | 20 | 2 | | 60 | 48 | 44 | 42 | 38 | 34 | 32 | 28 |
| 22 | 30 | 3 | | 90 | 72 | 66 | 63 | 57 | 51 | 48 | 42 |
| 30 | 40 | 4 | | 120 | 96 | 88 | 84 | 76 | 68 | 64 | 56 |
| 37 | 50 | 5 | | 150 | 120 | 110 | 105 | 95 | 85 | 80 | 70 |
| 45 | 60 | 6 | | 180 | 144 | 132 | 126 | 114 | 102 | 96 | 84 |

| LPW8125ML | | | Outlet Size :-125mm (Mixed Flow) | | | | | | | | |
|--------------|------|-------|----------------------------------|-----|------|------|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 1300 | 1712 | 1903 | 2190 | 2308 | 2400 | 2609 |
| 9.3 | 12.5 | 1 | | 31 | 25 | 23 | 22 | 20 | 18 | 17 | 15 |
| 18.5 | 25 | 2 | | 62 | 49 | 45 | 43 | 40 | 36 | 34 | 29 |
| 30 | 40 | 3 | | 93 | 74 | 68 | 65 | 60 | 54 | 51 | 44 |
| 37 | 50 | 4 | | 124 | 98 | 90 | 86 | 80 | 72 | 68 | 58 |
| 45 | 60 | 5 | | 155 | 123 | 113 | 108 | 100 | 90 | 85 | 73 |
| 56 | 75 | 6 | | 186 | 147 | 135 | 129 | 120 | 108 | 102 | 87 |
| 63 | 85 | 7 | | 217 | 172 | 158 | 151 | 140 | 126 | 119 | 102 |

| LPW8150MH | | | Outlet Size :-125mm (Mixed Flow) | | | | | | | | |
|--------------|----|-------|----------------------------------|-----|------|------|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 1455 | 1755 | 1957 | 2200 | 2309 | 2403 | 2708 |
| 11 | 15 | 1 | | 32 | 26 | 24 | 23 | 21 | 20 | 19 | 15 |
| 22 | 30 | 2 | | 63 | 52 | 48 | 46 | 42 | 40 | 38 | 30 |
| 33.5 | 45 | 3 | | 95 | 78 | 72 | 69 | 63 | 60 | 57 | 45 |
| 45 | 60 | 4 | | 126 | 104 | 96 | 92 | 84 | 80 | 76 | 60 |
| 56 | 75 | 5 | | 158 | 130 | 120 | 115 | 105 | 100 | 95 | 75 |
| 63 | 85 | 6 | | 189 | 156 | 144 | 138 | 126 | 120 | 114 | 90 |

Performance may vary depending on Voltage, Frequency and Field Condition



PUMPS | MOTORS



Miles to go...



Watering India to Flow



V9

THREE PHASE
250MM WATER FILLED
SUBMERSIBLE PUMPSETS

BORE SIZE:
MIN. 250MM

V9 THREE PHASE 250MM WATER FILLED SUBMERSIBLE PUMPSETS (MIXED FLOW TYPE) SUITABLE FOR 250MM BORE WELL OR ABOVE

DESCRIPTION

We manufactured Submersible Pumpsets as per IS: 8034 Standard which can be used in the field of advanced technology.

All parts are manufactured and fitted precisely using CNC machine that imparts excellent mechanical strength and reliability. The electrical design of Latteys Motors has been done with polyester Coated winding to improve efficiency and reduce electrical consumption.

9" WATER FILLED SUBMERSIBLE PUMPSETS

Salient Features

- Induction motors are easily re-windable using multi layer PVC insulated wire for better reliability.
- Motor filled with water gives better cooling to winding as well as bush.
- Self-aligned carbon Stainless steel thrust bearing which withstands high axial thrust load in water lubrication.
- Electrically designed to lower power consumption and operating cost.
- Non-magnetic, corrosion-resistant high-grade stainless steel stator body.
- Gun Metal bush is made with additional centrifugal molding process and 2% Nickel is added.
- Superior designed cast iron/SS impellers and diffusers give higher hydraulic performance and greater efficiency and provide higher resistance against wear and tear from sand and other impurities.
- Dynamically balanced rotating parts to ensure minimum noise and vibration.
- Hydraulic parts are made with Investment Casting or Die-base molding process, which gives higher performance and higher efficiency.
- Individually and accurately balanced impeller gives better performance for lower power consumption.
- The pump shaft is made of stainless steel hardened and ground to close tolerance.
- Fitted with NRV & Flap to absorb thrust generated during switch off operation.

Application

Sprinkler & drip irrigation | Civil & Industries | Fire fighting system | Agriculture | Gardening | Hospitality

MATERIAL OF CONSTRUCTION

| | |
|--------------------|---|
| Motor Body | : Stainless Steel / Mild Steel |
| Stator | : Vacuum Impregnated and epoxy coated for corrosion resistance. Thick end laminations are provided to protect motor windings. |
| Rotor | : Coated with polyurethane paint for corrosion resistance & dynamically balanced for vibration free smooth operations. |
| Windings | : PVC/ Polyester insulated. |
| Bearings | : Heavy duty angular contact bearing with high load bearing capacity. |
| Thrust Bearings | : Special Self-aligning and water lubricated to with stand high axial thrust load. |
| Breather diaphragm | : Adequately sized to accommodate expansion of water inside the motor and prevent loss cooling water . |
| Impeller | : High quality SS Resistant dynamically balanced. |
| Bowl | : High Grade Cast Iron |
| Shaft | : Stainless Steel of adequate diameter to ensure rigidity and ground to close tolerances. |
| Casing | : High graded Cast Iron. |
| Cable Sealing | : Designed so that no Borewell water with sand can enter the motor. |



**Watering
India
to
Flow**

**V9 THREE PHASE 230MM WATER FILLED SUBMERSIBLE PUMPSET
(MIXED FLOW TYPE) SUITABLE FOR MIN. 250MM BOREWELL OR ABOVE**

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380~415 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| LPW940M | | | Outlet Size :-100mm (Mixed Flow) | | | | | | | | | |
|--------------|----|-------|----------------------------------|-----|-----|-----|-----|------|------|------|------|--|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 605 | 810 | 912 | 1003 | 1253 | 1352 | 1451 | |
| 45 | 60 | 15 | | 323 | 263 | 240 | 225 | 210 | 180 | 165 | 150 | |

| LPW950M | | | Outlet Size :-100mm (Mixed Flow) | | | | | | | | | |
|--------------|----|-------|----------------------------------|-----|-----|-----|------|------|------|------|------|--|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 710 | 905 | 1042 | 1155 | 1342 | 1465 | 1610 | |
| 45 | 60 | 12 | | 264 | 216 | 204 | 192 | 180 | 162 | 150 | 132 | |
| 56 | 75 | 15 | | 330 | 270 | 255 | 240 | 225 | 203 | 188 | 165 | |

| LPW960M | | | Outlet Size :-100mm (Mixed Flow) | | | | | | | | | |
|--------------|-----|-------|----------------------------------|-----|-----|------|------|------|------|------|------|--|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 955 | 1052 | 1252 | 1361 | 1534 | 1655 | 1777 | |
| 45 | 60 | 10 | | 235 | 180 | 175 | 160 | 150 | 135 | 120 | 105 | |
| 56 | 75 | 12 | | 282 | 216 | 210 | 192 | 180 | 162 | 144 | 126 | |
| 63 | 85 | 14 | | 329 | 252 | 245 | 224 | 210 | 189 | 168 | 147 | |
| 75 | 100 | 16 | | 376 | 288 | 280 | 256 | 240 | 216 | 192 | 168 | |

| LPW970M | | | Outlet Size :-100mm (Mixed Flow) | | | | | | | | | |
|--------------|-----|-------|----------------------------------|-----|------|------|------|------|------|------|------|--|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 1303 | 1450 | 1550 | 1690 | 1800 | 1960 | 2100 | |
| 45 | 60 | 9 | | 221 | 162 | 153 | 144 | 135 | 122 | 108 | 95 | |
| 56 | 75 | 10 | | 245 | 180 | 170 | 160 | 150 | 135 | 120 | 105 | |
| 56 | 75 | 11 | | 270 | 198 | 187 | 176 | 165 | 149 | 132 | 116 | |
| 63 | 85 | 12 | | 294 | 216 | 204 | 192 | 180 | 162 | 144 | 126 | |
| 75 | 100 | 14 | | 343 | 252 | 238 | 224 | 210 | 189 | 168 | 147 | |

Performance may vary depending on Voltage, Frequency and Field Condition

V9 THREE PHASE 230MM WATER FILLED SUBMERSIBLE PUMPSET (MIXED FLOW TYPE) SUITABLE FOR MIN. 250MM BOREWELL OR ABOVE

APPROXIMATE PERFORMANCE CHART AT 2880 RPM, 380~415 VOLTS, 3-PHASE, 50 Hz, A.C. SUPPLY

| LPW9125ML | | | Outlet Size :-125mm (Mixed Flow) | | | | | | | | |
|--------------|-----|-------|----------------------------------|-----|------|------|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 1160 | 1520 | 2005 | 2405 | 2810 | 3104 | 3405 |
| 45 | 60 | 5 | | 135 | 115 | 105 | 95 | 85 | 75 | 65 | 50 |
| 56 | 75 | 6 | | 162 | 138 | 126 | 114 | 102 | 90 | 78 | 60 |
| 63 | 85 | 7 | | 189 | 161 | 147 | 133 | 119 | 105 | 91 | 70 |
| 75 | 100 | 8 | | 216 | 184 | 168 | 152 | 136 | 120 | 104 | 80 |
| 82 | 110 | 9 | | 243 | 207 | 189 | 171 | 153 | 135 | 117 | 90 |
| 93 | 125 | 10 | | 270 | 230 | 210 | 190 | 170 | 150 | 130 | 100 |

| LPW9150ML | | | Outlet Size :-125mm (Mixed Flow) | | | | | | | | |
|--------------|-----|-------|----------------------------------|-----|------|------|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 1450 | 1755 | 2210 | 2825 | 3005 | 3210 | 3405 |
| 45 | 60 | 4 | | 120 | 98 | 92 | 84 | 70 | 64 | 60 | 52 |
| 56 | 75 | 5 | | 150 | 123 | 115 | 105 | 88 | 80 | 75 | 65 |
| 69 | 85 | 6 | | 180 | 147 | 138 | 126 | 105 | 96 | 90 | 78 |
| 75 | 100 | 7 | | 210 | 172 | 161 | 147 | 123 | 112 | 105 | 91 |
| 93 | 125 | 8 | | 240 | 196 | 184 | 168 | 140 | 128 | 120 | 104 |

| LPW9175ML | | | Outlet Size :-125mm (Mixed Flow) | | | | | | | | |
|--------------|-----|-------|----------------------------------|-----|------|------|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 1810 | 2205 | 2807 | 3365 | 3510 | 3712 | 4010 |
| 56 | 75 | 4 | | 124 | 96 | 88 | 80 | 72 | 66 | 62 | 56 |
| 63 | 85 | 5 | | 155 | 120 | 110 | 100 | 90 | 83 | 78 | 70 |
| 75 | 100 | 6 | | 186 | 144 | 132 | 120 | 108 | 99 | 93 | 84 |
| 93 | 125 | 7 | | 217 | 168 | 154 | 140 | 126 | 116 | 109 | 98 |

Performance may vary depending on Voltage, Frequency and Field Condition

| LPW9125MH | | | Outlet Size :-125mm (Mixed Flow) | | | | | | | | |
|--------------|-----|-------|----------------------------------|-----|------|------|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 1305 | 1709 | 1910 | 2095 | 2295 | 2410 | 2613 |
| 45 | 60 | 5 | | 155 | 123 | 113 | 108 | 100 | 90 | 85 | 73 |
| 56 | 75 | 6 | | 186 | 147 | 135 | 129 | 120 | 108 | 102 | 87 |
| 63 | 85 | 7 | | 217 | 172 | 158 | 151 | 140 | 126 | 119 | 102 |
| 75 | 100 | 8 | | 248 | 196 | 180 | 172 | 160 | 144 | 136 | 116 |
| 82 | 110 | 9 | | 279 | 221 | 203 | 194 | 180 | 162 | 153 | 131 |
| 93 | 125 | 10 | | 310 | 245 | 225 | 215 | 200 | 180 | 170 | 145 |

| LPW9150MH | | | Outlet Size :-125mm (Mixed Flow) | | | | | | | | |
|--------------|-----|-------|----------------------------------|-----|------|------|------|------|------|------|------|
| MOTOR RATING | | | Discharge (LPM) | | | | | | | | |
| kW | HP | Stage | Head(M) | 0 | 1452 | 1756 | 1955 | 2205 | 2309 | 2412 | 2710 |
| 45 | 60 | 4 | | 126 | 104 | 96 | 92 | 84 | 80 | 76 | 60 |
| 56 | 75 | 5 | | 158 | 130 | 120 | 115 | 105 | 100 | 95 | 75 |
| 63 | 85 | 6 | | 189 | 156 | 144 | 138 | 126 | 120 | 114 | 90 |
| 75 | 100 | 7 | | 221 | 182 | 168 | 161 | 147 | 140 | 133 | 105 |
| 93 | 125 | 8 | | 252 | 208 | 192 | 184 | 168 | 160 | 152 | 120 |

Performance may vary depending on Voltage, Frequency and Field Condition

SUBMERSIBLE PUMPSET CABLE SELECTION CHART

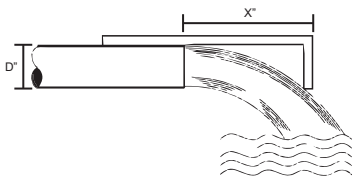
| HP | CABLE LENGTH IN METERS | | | | | | | | | | | | | | | | | | | | |
|--------|------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 120 | 140 | 180 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | |
| 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 |
| 2.00 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 |
| 3.00 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 |
| 4.00 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 |
| 5.00 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 |
| 6.00 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 |
| 7.50 S | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| 7.50 D | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 |
| 10.00 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 | 1.50 |
| 12.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| 15.00 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 | 2.50 |
| 17.50 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 |
| 20.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 |
| 25.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 |
| 30.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 |
| 40.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 | 10.00 |
| 50.00 | 16.00 | 16.00 | 16.00 | 16.00 | 16.00 | 16.00 | 16.00 | 16.00 | 16.00 | 16.00 | 16.00 | 16.00 | 16.00 | 16.00 | 16.00 | 16.00 | 16.00 | 16.00 | 16.00 | 16.00 | 16.00 |
| 60.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 |
| 70.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 | 25.00 |
| 80.00 | 35.00 | 35.00 | 35.00 | 35.00 | 35.00 | 35.00 | 35.00 | 35.00 | 35.00 | 35.00 | 35.00 | 35.00 | 35.00 | 35.00 | 35.00 | 35.00 | 35.00 | 35.00 | 35.00 | 35.00 | 35.00 |

Cable Size in Sq.mm

Conversion Table: 1m = 3.28 ft | 1 ft = 0.305 m

For other Voltages the cable size is to be selected as follows:
 Calculated length = (220 / Volt) x actual length.

| HORIZONTAL DISTANCE "X" IN INCHES | DISCHARGE MANAGEMENT CHART | | | | | | | | |
|-----------------------------------|-------------------------------------|-------|------|-------|-------|-------|-------|-------|--------|
| | DISCHARGE RATE (GALLONS PER MINUTE) | | | | | | | | |
| | 1" | 1.25" | 1.5" | 2" | 2.5" | 3" | 4" | 5" | 6" |
| 1 | 5.7 | 9.8 | 13.3 | 22.0 | 31.0 | 49.0 | 83.0 | 130.0 | 190.0 |
| 2 | 7.1 | 12.2 | 16.6 | 28.0 | 39.0 | 61.0 | 104.0 | 165.0 | 240.0 |
| 3 | 8.5 | 14.7 | 20.0 | 33.0 | 47.0 | 73.0 | 125.0 | 195.0 | 285.0 |
| 4 | 10.0 | 17.1 | 23.2 | 39.0 | 55.0 | 85.0 | 146.0 | 230.0 | 335.0 |
| 5 | 11.3 | 19.6 | 26.5 | 44.0 | 62.0 | 98.0 | 166.0 | 260.0 | 380.0 |
| 6 | 12.8 | 22.0 | 29.8 | 50.0 | 70.0 | 110.0 | 187.0 | 295.0 | 430.0 |
| 7 | 14.2 | 24.5 | 33.2 | 55.0 | 78.0 | 122.0 | 208.0 | 325.0 | 475.0 |
| 8 | 15.6 | 26.0 | 36.5 | 61.0 | 86.0 | 134.0 | 229.0 | 360.0 | 525.0 |
| 9 | 17.0 | 29.0 | 39.0 | 66.0 | 94.0 | 147.0 | 250.0 | 390.0 | 570.0 |
| 10 | 18.5 | 31.5 | 43.0 | 72.0 | 101.0 | 159.0 | 270.0 | 425.0 | 620.0 |
| 11 | 20.0 | 34.0 | 46.5 | 77.0 | 109.0 | 171.0 | 291.0 | 450.0 | 665.0 |
| 12 | 21.3 | 36.3 | 49.6 | 83.0 | 117.0 | 183.0 | 312.0 | 490.0 | 710.0 |
| 13 | 22.7 | 39.0 | 53.0 | 88.0 | 125.0 | 196.0 | 333.0 | 520.0 | 760.0 |
| 14 | 24.1 | 41.5 | 56.3 | 94.0 | 133.0 | 208.0 | 353.0 | 555.0 | 810.0 |
| 15 | 25.5 | 43.7 | 59.6 | 99.0 | 140.0 | 220.0 | 374.0 | 590.0 | 855.0 |
| 16 | 27.0 | 46.2 | 62.9 | 105.0 | 148.0 | 232.0 | 395.0 | 620.0 | 905.0 |
| 17 | 28.4 | 48.6 | 66.2 | 111.0 | 156.0 | 244.0 | 416.0 | 650.0 | 950.0 |
| 18 | 29.8 | 51.0 | 69.5 | 116.0 | 164.0 | 256.0 | 437.0 | 685.0 | 1000.0 |
| 19 | 31.2 | 53.5 | 72.8 | 122.0 | 172.0 | 269.0 | 457.0 | 720.0 | 1050.0 |
| 20 | 32.7 | 55.9 | 76.1 | 127.0 | 179.0 | 281.0 | 478.0 | 750.0 | 1095.0 |
| 21 | 34.1 | 58.3 | 79.4 | 133.0 | 187.0 | 293.0 | 499.0 | 780.0 | 1140.0 |
| 22 | 35.5 | 60.7 | 82.7 | 138.0 | 195.0 | 306.0 | 520.0 | 815.0 | 1190.0 |
| 23 | 36.9 | 63.2 | 86.0 | 144.0 | 203.0 | 318.0 | 541.0 | 845.0 | 1235.0 |
| 24 | 38.3 | 65.6 | 89.3 | 149.0 | 211.0 | 330.0 | 561.0 | 880.0 | 1285.0 |



EXAMPLE :
 HORIZONTAL DISTANCE
 NORMAL PIPE DIAMETER
 DISCHARGE

"X" = 15"
 "D" = 2"
 Q = 83 GPM

FOR CONVERSION OF GALLONS PER
 MINUTE:
 TO LITRES PER SECONDS:
 83 GPM = 83 X 4.54 / 60 = 6.28 LPS

| GENERATOR SELECTION CHART | | | | |
|---------------------------|-------|------|---|-------|
| S.No. | MOTOR | | RECOMMENDED GENERATOR CAPACITY INTERNALLY REGULATED | |
| | kW | HP | kW | HP |
| 1 | 0.37 | 0.5 | 1.5 | 1.9 |
| 2 | 0.55 | 0.75 | 2 | 2.5 |
| 3 | 0.75 | 1 | 2.5 | 3.125 |
| 4 | 1.10 | 1.5 | 3 | 3.8 |
| 5 | 1.50 | 2 | 5 | 4 |
| 6 | 2.20 | 3 | 5 | 6.25 |
| 7 | 3.00 | 4 | 6 | 7.5 |
| 8 | 3.70 | 5 | 7.5 | 9.4 |
| 9 | 5.50 | 7.5 | 10 | 12.5 |
| 10 | 7.50 | 10 | 15 | 18.8 |
| 11 | 11.0 | 15 | 20 | 25 |
| 12 | 15.00 | 20 | 25 | 31 |
| 13 | 18.50 | 25 | 30 | 37.5 |
| 14 | 22.00 | 30 | 40 | 50 |
| 15 | 26.00 | 35 | 45 | 56.25 |
| 16 | 30.00 | 40 | 50 | 62.5 |
| 17 | 37.00 | 50 | 60 | 75 |
| 18 | 45.00 | 60 | 75 | 94 |
| 19 | 55.00 | 75 | 100 | 125 |
| 20 | 75.00 | 122 | 150 | 188 |
| 21 | 93.00 | 125 | 175 | 219 |



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