Performance Range

- Flow rate up to 9000 l/min. (540 m³/h)
- Dynamic head up to 6 m.

Applications

- Aquaculture water pumping and drainage for large volume water applications.
- Water supply for landscape and water features.
- Water extracting from rivers, lakes and reservoirs.
- Flood control.

Features

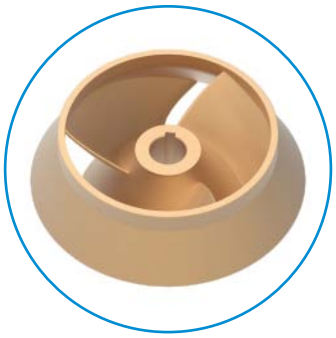
- Large flow capacities achieved with almost no vibration or noise by use of Propeller or Mix Flow design, giving easy operation and energy savings.
- Robust construction and compact design with a dry motor, double mechanical seal and impeller flow guide vane for high efficiency.
- Simple operation and maintenance.

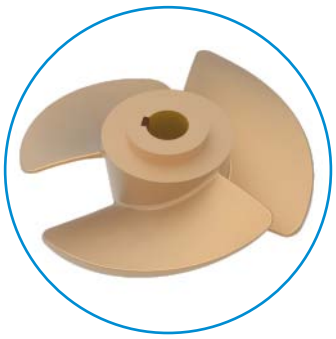
Direction of Rotation

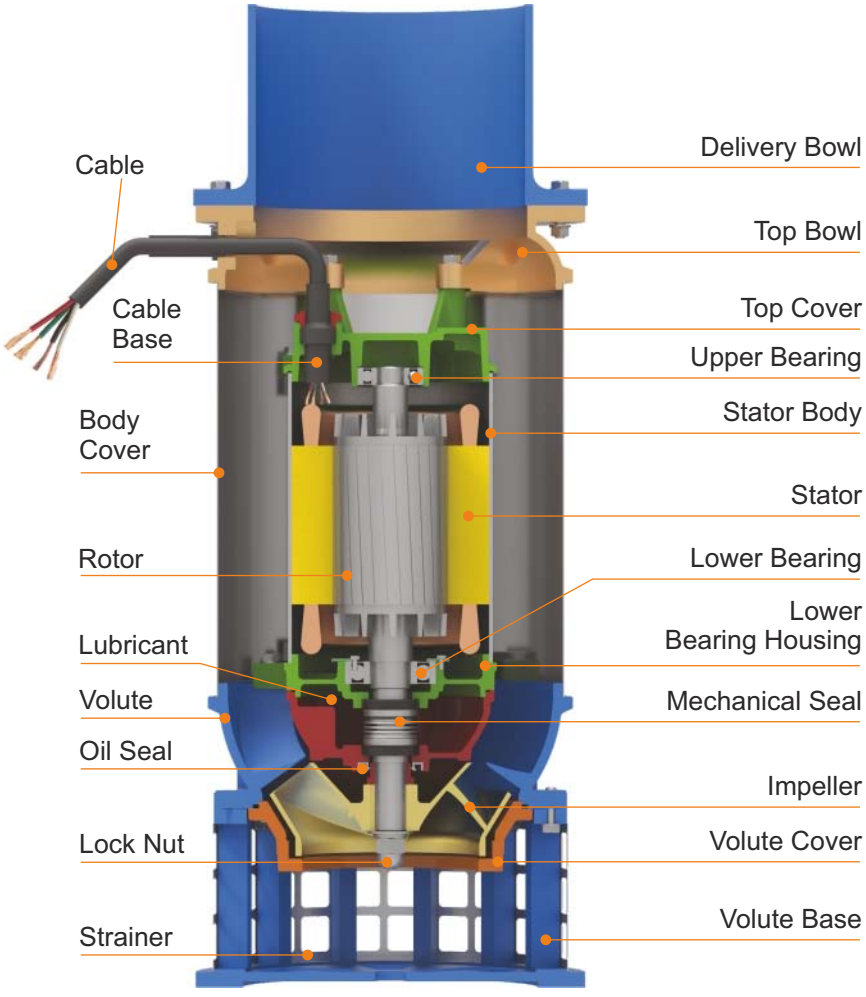
- Clockwise as seen from the motor rear end.

Specification

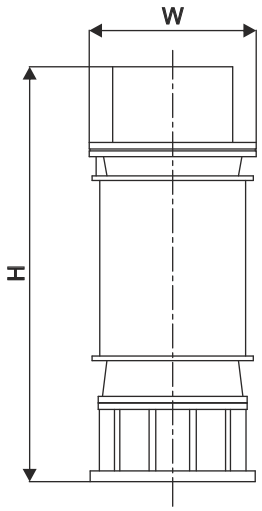
Diameter(mm)			200 - 250 - 300
Pumping liquid	Ambient temp		Max. +50°C
	Liquid temp		0°C to +50°C
	Liquid nature		Suitable for aquaculture water pumping, flood control and water extraction from rivers, lakes and reservoir.
Pump	Structure	Impeller	Propeller / Mixed Flow
		M.seal	Double Mechanical seal
		Bearing	Ball type bearing
	Material	Impeller	Bronze
		Volute	Grey Iron
		Upper cover	Bronze
		M.seal	Carbon v/s Ceramic
Motor	Type		Dry motor
	Insulation		F Class
	Frequency		50 Hz
	Material	Stator body	S.S AISI 304
		Shaft	S.S AISI 304
		Cable	Thermoplastic Rubber/PVC
Protection			IP 68
Duty			S1 - When pump is completely or partially submerged.
Voltage			3 Ph. 400 V +5/-15%







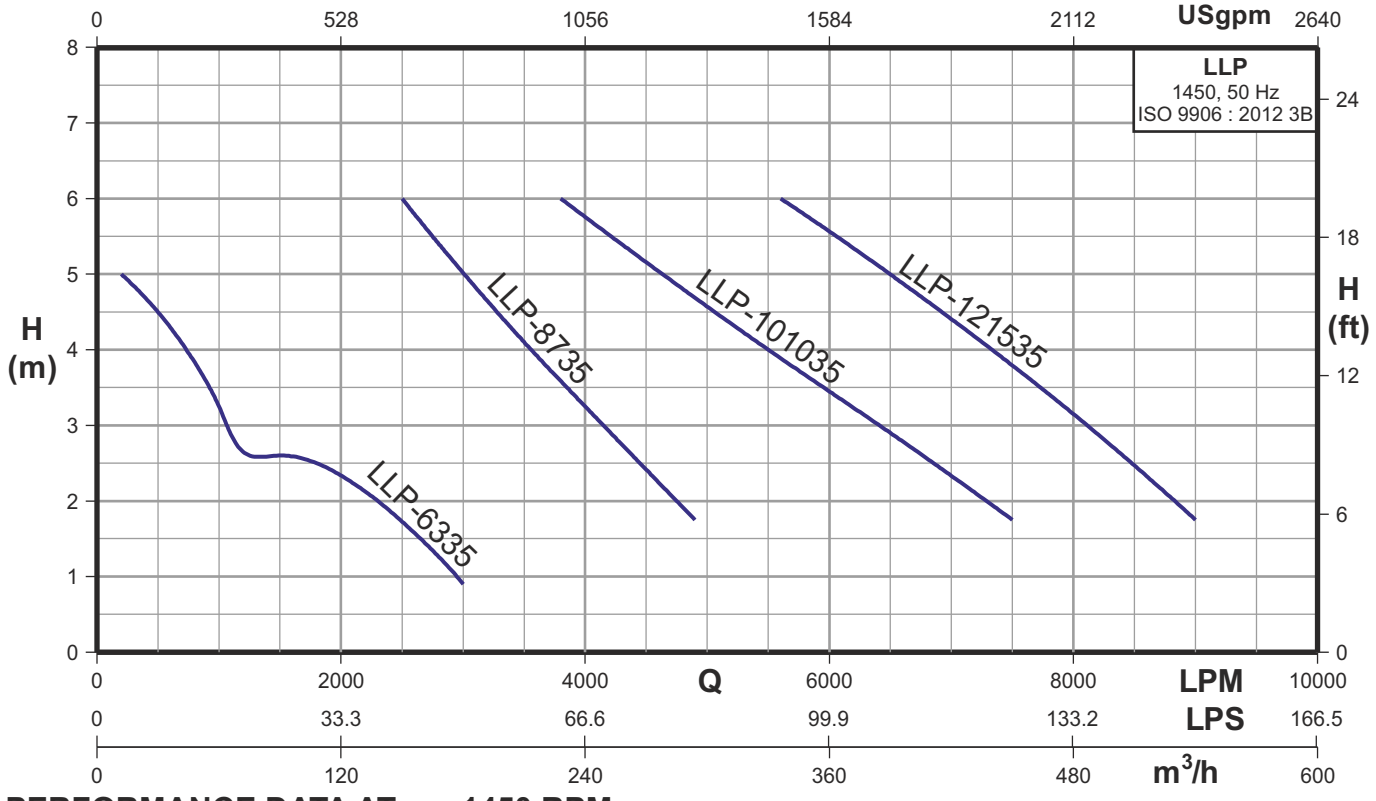
General Pump Features



DIMENSIONS

Model	Disc. mm (Inch)	Dimensions (mm)			Solid Passage (mm)	Net Weight (kg.)	Gross Weight (kg.)	Volume (m^3)	Cable data cable x core x size (mm^2) x length (m) x Material
Three Phase		Length	Width	Height					
LLP-6335	150 (6")	-	285	638	20	52.0	91.0	0.159	1 x 4 x 1.0 x 8 x PVC
LLP-8735	200 (8")	-	340	923	22	122.0	176.0	0.272	1 x 4 x 6.0 x 8 x PVC
LLP-101035	250 (10")	-	380	1015	22	164.0	228.0	0.344	1 x 4 x 6.0 x 8 x PVC
LLP-121535	300 (12")	-	430	1077	23	209.0	282.0	0.432	1 x 4 x 8.0 x 8 x Thermoplastic rubber

PERFORMANCE CHART AT n = 1450 RPM FOR HEAVY DUTY SEWAGE PUMPS



PERFORMANCE DATA AT n = 1450 RPM

MODEL	POWER		START METHOD	m^3/h	30	60	90	120	150	180	210	240	270	300	360	420	510
Three Phase	kW	HP		l/min	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8500
LLP-6335	2.2	3.0	Direct	H (m)	4.5	3.2	2.6	2.3	2	-	-	-	-	-	-	-	-
LLP-8735	5.5	7.5	Direct		-	-	-	-	6	5	4.1	3.3	2.4	-	-	-	-
LLP-101035	7.5	10.0	Direct		-	-	-	-	-	-	-	5.8	5.2	4.6	3.4	2.5	-
LLP-121535	11.0	15.0	Direct		-	-	-	-	-	-	-	-	-	-	5.6	4.4	2.5