



L LARGE VOLUME SUBMERSIBLE PUMPS

FEATURE

- Large flow capacities achieved with almost no vibration, or noise, by use of the axial and mix flow design.
- Robust construction and compact design with a dry motor, double mechanical seals and impeller flow guide vane for high efficiency.
- Easy handling, energy saving and low maintenance.
- High efficiency motor directly connects to impeller, to achieve the best energy savings.
- Pump manufactured with heavy duty housing, cable leads are isolated by hardened epoxy for water proofing, and double mechanical seals.
- Casted ALBC3 material (Aluminum Bronze) impeller, has a great abrasion and corrosion resistance.
- High solids, epoxy coating prolongs metals from corrosion and oxidation.

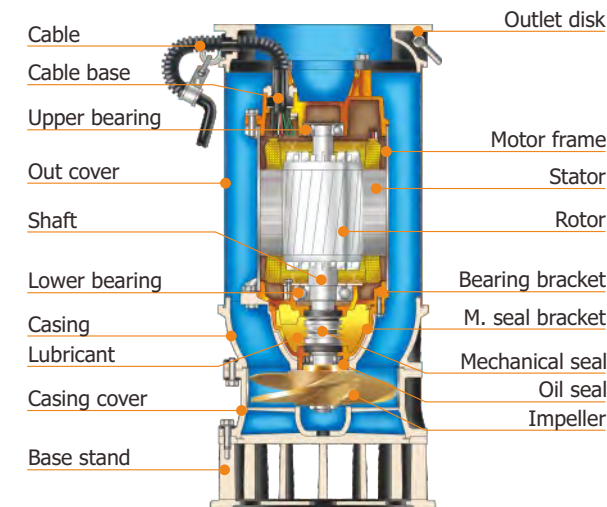


APPLICATIONS

- Aquiculture water pumping and drainage, for large volume water applications.
- Water supply for landscape, water features, cooling in the power plant or drainage for industry.
- Water extraction from rivers, lakes and reservoirs.
- Flood control or used for large volume dewatering.
- Others : Extraction of water from dock and river.

PRODUCT NOMENCLATURE

L	4	1	A
Type	Discharge (inch)	HP	Style
L	200	A	
Type	Discharge (mm)	Style	



SACRIFICIAL ANODE

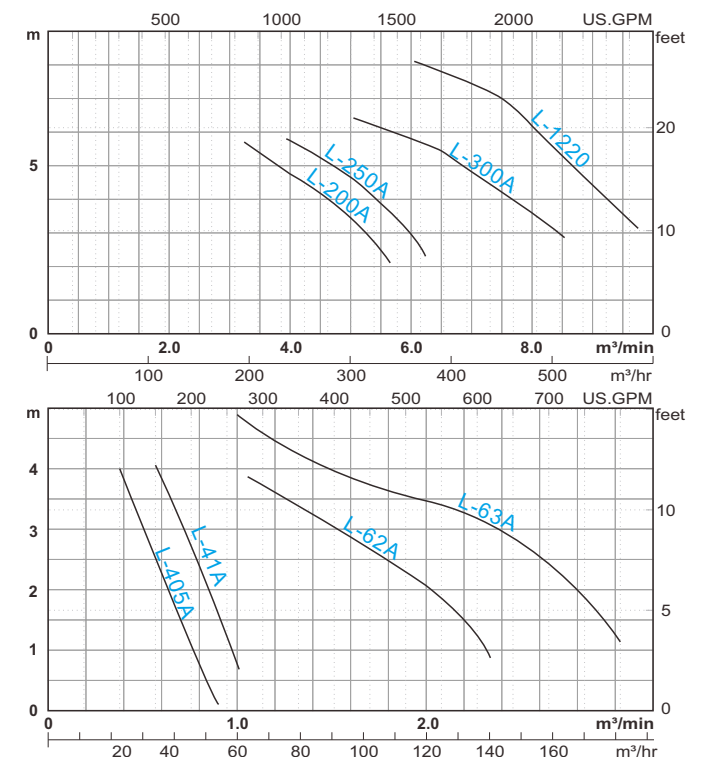
The positive Aluminum Anode will dissolve slowly in brine and release electrons, which can prevent the oxidization of the pump until it is exhausted. L 0.5~3HP equipped standard 1 piece of Anode, all other models optional.



SPECIFICATIONS

Discharge (mm)		80 • 100 • 150 • 200 • 250 • 300	
Limits Of Use	Liquid Temp.	0~40°C (32~104°F)	
	Applications	Agriculture irrigation Aquiculture water • River water	
	Submersion Depth	30m (100feet)	
Type	Frequency	60Hz	
	Motor	0.5~1HP	2P (3600RPM) • Dry Motor
		2~15HP	4P (1800RPM) • Dry Motor
	Insulation	Class B(0.5~3HP) • Class F(7.5~15HP)	
	Protection	IP68	
	Protector	Auto-cut(0.5~3HP) • None(7.5~20HP)	
	Bearing	Ball Type	
M.seal	Double M.seals		
Material	Impeller	Axial-flow(0.5~10HP) • Mix-flow(15~20HP)	
	Outer Cover	SUS304	
	Upper Cover	FC-200(0.5~3HP) • BC6(7.5~20HP)	
	Motor Frame	FC-200(0.5~3HP) • SUS304(7.5~20HP)	
	Shaft End	SUS304	
	M.seal	Upper: Carbon/Ceramic Lower: Silicon/Silicon(0.5~3HP) • Carbon/Ceramic(7.5~20HP)	
	Casing	FC-200	
	Impeller	ALBC3	
	Cable	VCT or H07RN-F or SJOW/SOW	
	Optional	Pumps can be customized to fit specifications	

PERFORMANCE CURVES



PERFORMANCE SPEC.

Model	HP(kW)	Discharge Inch(mm)	Phase Ø	Start Method	Standard		Solid Passage mm(inch)	Weight kg(lb)		Dimension (mm)		
					m - m³/min	ft - GPM		1Ø	3Ø	A	1Ø	B
L-405A	½ (0.4)	4" (100)	3	Capacitor Direct	1.5 - 0.7	5 - 185	10 (½")	25 (55)	25 (55)	225	484	484
L-41A	1 (0.75)	*3½" (90) 4" (100)	3	Capacitor Direct	3.0 - 0.7	10 - 185	10 (½")	26 (57)	26 (57)	220	484	484
L-62A	2 (1.5)	6" (150)	3	Direct	2.0 - 2.0	7 - 528	20 (¾")	-	51 (113)	285	-	597
L-63A	3 (2.2)	6" (150)	3	Direct	3.3 - 2.0	10 - 528	20 (¾")	-	52 (115)	285	-	597
L-200A	7½ (5.5)	8" (200)	3	Direct	4.5 - 4	15 - 1060	22 (¾")	-	119 (262)	340	-	923
L-250A	10 (7.5)	10" (250)	3	Direct	4 - 5.5	13 - 1455	22 (¾")	-	162 (357)	380	-	1015
L-300A	15 (11)	10" (250) 12" (300)	3	Direct	4.5 - 7	15 - 1850	23 (1")	-	201 (443)	430	-	1077
L-1220	20 (15)	12" (300)	3	Direct	6 - 8	20 - 2115	33 (1¼")	-	273 (602)	430	-	1080

Note: Weight Without Cable, *3½" (90mm) optional by request

