

# L LARGE VOLUME SUBMERSIBLE PUMPS HCP PUMP



**HANA PUMP, LTD.**  
**ALVEST MONT, LTD.**  
**OOO ALVESTKRYM, LTD.**



## FEATURE

- Large flow capacities achieved with almost no vibration or noise by use of Axial & 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 best energy savings.
- Pump manufactured with heavy duty housing, cable leads are isolated by hardened epoxy for water proofing, double mechanical seals.
- Shaft and impeller are precisely balanced for quiet and long life performance
- Casted ALBC3 material (Aluminum Bronze) impeller, it has a great abrasion and corrosion resistance.

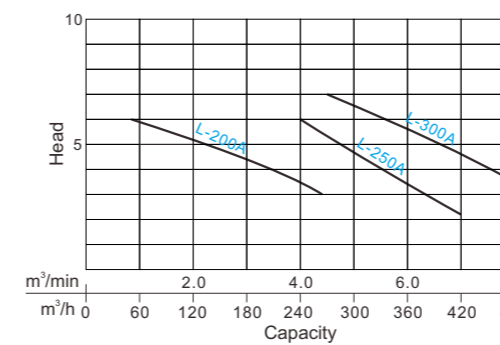
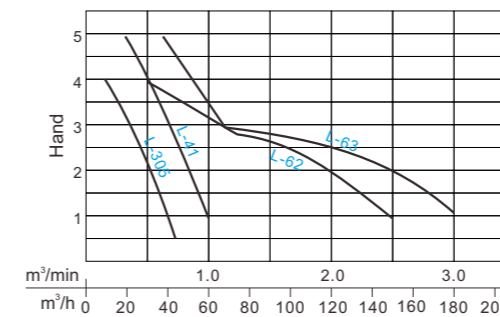
## APPLICATIONS

- 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
Type	Discharge inch	HP
L	200	A
Type	Discharge mm	Style

## PERFORMANCE CURVES



## SPECIFICATIONS

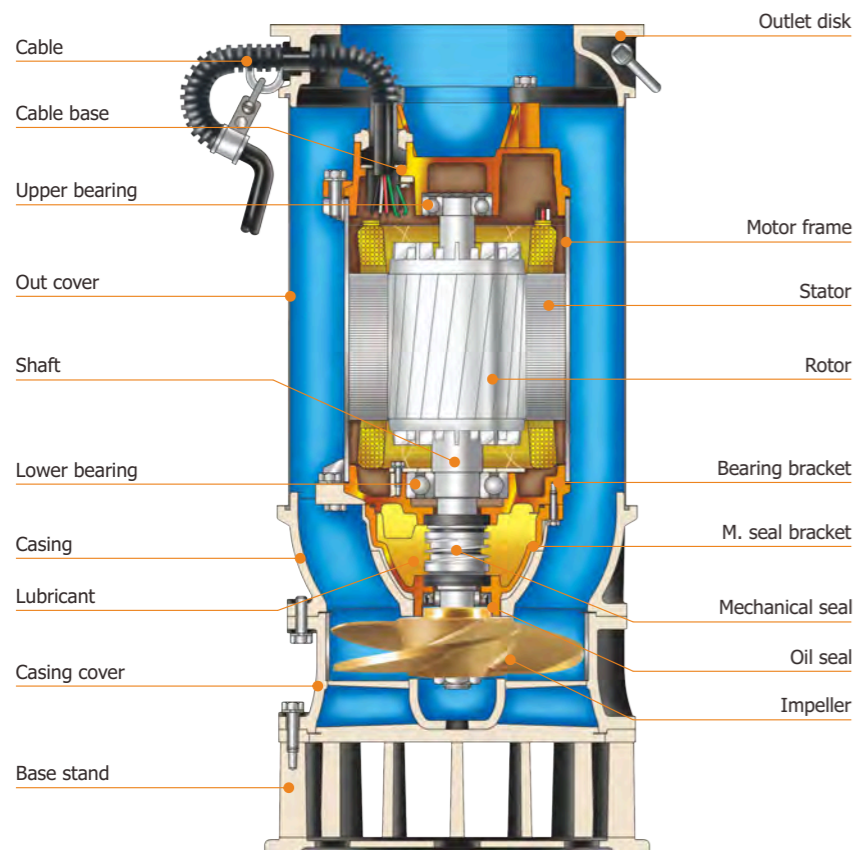
Item	Description	
Liquid temp.	0~40°C(32~104°F)	
Applications	Agriculture irrigation · Aquaculture water · River water	
Max depth	30m	
Pump sect.	Structure	Impeller: Axial-flow(15HP Mix-flow)
	Material	M. seal: Double M. seals
		Bearing: Ball type
		Out cover: SUS304
		Upper cover: FC-200(7.5~15HP:BC6)
		Casing: FC-200
		Impeller: ALBC3
Motor sect.	M. seal: Sic/Sic (7.5~15HP:CA/CE)	
	Motor: Dry motor	
	4P (1800RPM) {0.5~1HP:2P (3600RPM)}	
	Insulation: B Class (7.5~15HP : F Class )	
	Frequency: 50Hz	
Protector: Auto-cut (expect 7.5~20HP)		
Material	Frame: FC-200(7.5~15HP:SUS304)	
	Cable: VCT or H07RN-F or SJOW/SOW	

※Pumps can be customized to fit specifications.

## PERFORMANCE SPEC.

Model	Power HP(kW)	Discharge Inch(mm)	Phase	Start Method	Head m	Capacity		Weight kg 1 / 3	Solid Passage mm	Dimension (mm)		
						m³/min	m³/h			Length	Width	Height
L-305	1/2(0.4)	3"(80)	1 3	Capacitor Direct	2.5	0.5	30	26 26	10	230	225	484
L-41	1(0.75)	3.5"(90) 4"(100)	1 3	Capacitor Direct	3	0.7	42	26 26	10	230	225	484
L-62	2(1.5)	6"(150)	3	Direct	2	2	120	51	20	-	285	597
L-63	3(2.2)	6"(150)	3	Direct	2.5	2	120	52	20	-	285	597
L-200A	7.5(5.5)	8"(200)	3	Direct	4	3.5	210	116	22	-	340	923
L-250A	10(7.5)	10"(250)	3	Direct	4	5.5	330	157	22	-	380	1015
L-300A	15(11)	12"(300)	3	Direct	4.5	7	420	201	23	-	430	1077

Note : Weight W/O Cable



L-41



L-62 · 63



L-200A · 250A



L-300A