



# HCP PUMP

We make the reliable pumps

## PROFESSIONAL MANUFACTURERS OF SUBMERSIBLE PUMPS

50Hz GENERAL CATALOGUE

ISO 9001 CE DNV GL TÜV



sewage pump, waste water pump, stainless pump, grinder pump, dewatering pump, construction drainage pump,  
large volume pump, axial pump, ejector, deep well pump.

### HCP PUMP MANUFACTURER.,CO.LTD.

# 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.
- Shaft and impeller are precisely balanced for quiet and long life performance
- Casted ALBC3 material (Aluminum Bronze) impeller, has a great abrasion and corrosion resistance.
- High solids, epoxy coating prolongs metals from corrosion and oxidization.

## APPLICATIONS

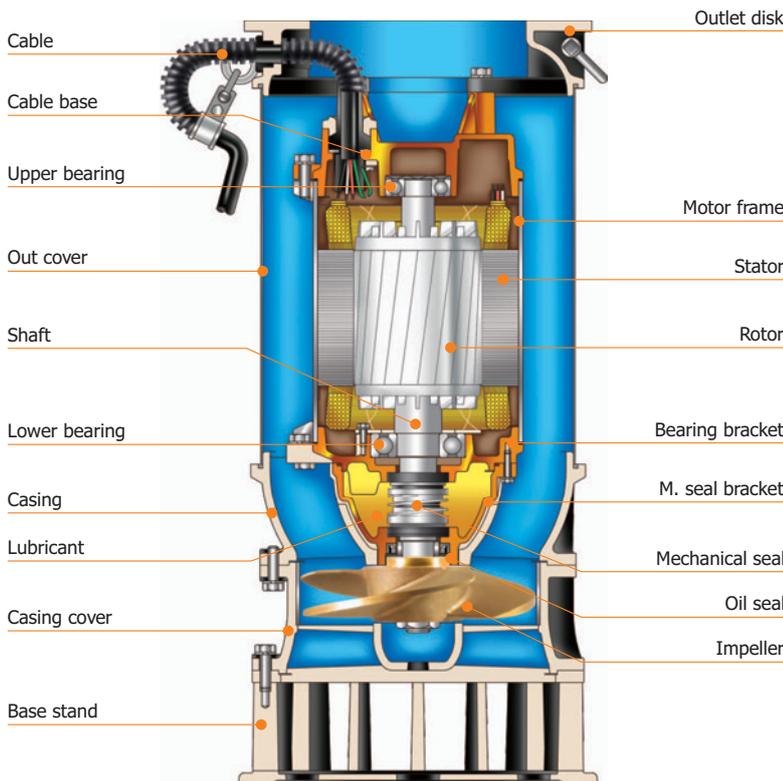
- Aquiculture water pumping and drainage, for large volume water applications.
- Water supply for landscape, water features, cooling in the power plant or drainage for industry.
- Water extraction from rivers, lakes and reservoirs.
- Flood control or used for large volume dewatering.
- Others : Extraction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

## 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.



L-305A~63A



L-200A/250A



L-300A



L-305A/41A



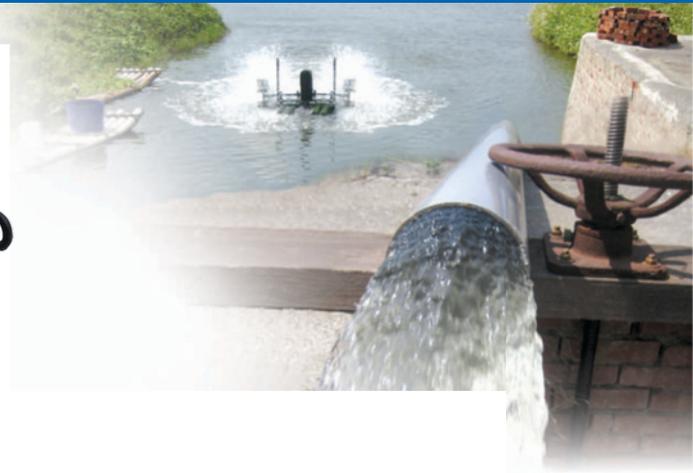
L-62A/63A



L-200A/250A



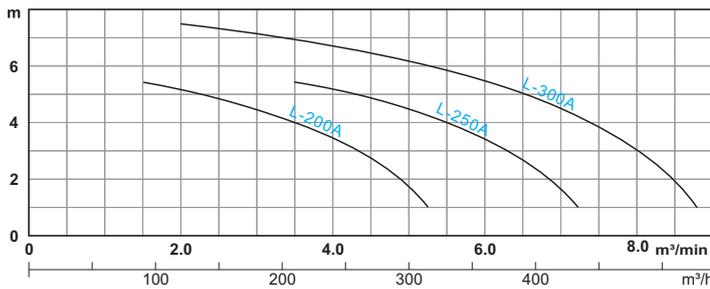
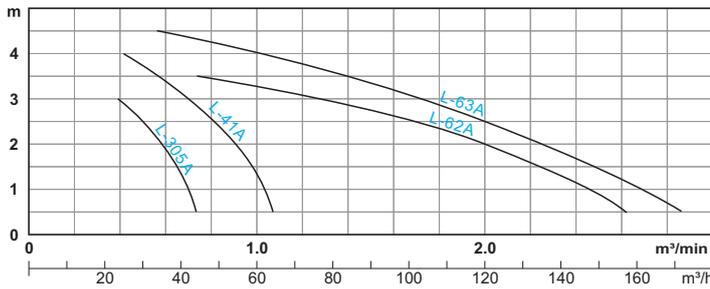
L-300A



## PRODUCT NOMENCLATURE

L	4	1	A
Type	Discharge inch	HP	Style
L	200	A	
Type	Discharge	Style	

## PERFORMANCE CURVES



## SPECIFICATIONS

Discharge (mm)		80 • 100 • 150 • 200 • 250 • 300	
Limits Of Use	Liquid Temp.	0~40°C (32~104°F)	
	Applications	Agriculture irrigation Agriculture water • River water	
	Submersion Depth	30m (100feet)	
Type	Frequency	50Hz	
	Motor	½~1HP	2P (3000RPM) • Dry Motor
		2~15HP	4P (1500RPM) • Dry Motor
	Insulation	Class B (0.5~3HP) • Class F (7.5~15HP)	
	Protection	IP68	
	Protector	Auto-cut (0.5~3HP) • None (7.5~15HP)	
	Bearing	Ball Type	
	M.seal	Double M.seals	
	Impeller	Axial-flow (0.5~10HP) • Mix-flow (15HP)	
Material	Outer Cover	SUS304	
	Upper Cover	FC-200 (0.5~3HP) • BC6 (7½~15HP)	
	Motor Frame	FC-200 (0.5~3HP) • SUS304 (7½~15HP)	
	Shaft End	SUS304	
	M.seal	Upper: Carbon/Ceramic Lower: Silicon/Silicon (0.5~3HP) Carbon/Ceramic (7½~15HP)	
	Casing	FC-200	
	Impeller	ALBC3	
	Cable	VCT or H07RN-F or SJOW/SOW	
Optional	Pumps can be customized to fit specifications		

## PERFORMANCE SPEC.

Model	Output HP(kW)	Size DN Inch(mm)	Phase Ø	Start Method	Head (m)	Capacity		Solid Passage (mm)	Weight (kg)		Dimension (mm)		
						m³/min	m³/h		1Ø	3Ø	A	B	
L-405A	½ (0.4)	*3½" (90) 4" (100)	1 3	Capacitor Direct	1.5	0.7	42	10	25	25	225	484	484
L-41A	1 (0.75)	*3½" (90) 4" (100)	1 3	Capacitor Direct	3.0	0.7	42	10	26	26	220	484	484
L-62A	2 (1.5)	6" (150)	3	Direct	2.0	2.0	120	20	-	51	285	-	597
L-63A	3 (2.2)	6" (150)	3	Direct	2.5	2.0	120	20	-	52	285	-	597
L-200A	7½ (5.5)	8" (200)	3	Direct	4.0	3.5	210	22	-	116	340	-	923
L-250A	10 (7.5)	10" (250)	3	Direct	4.0	5.5	330	22	-	157	380	-	1015
L-300A	15 (11)	10" (250) 12" (300)	3	Direct	4.5	7.0	420	23	-	201	430	-	1077

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

