



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.



L-405A/41A

L-62A/63A

L-200A/250A

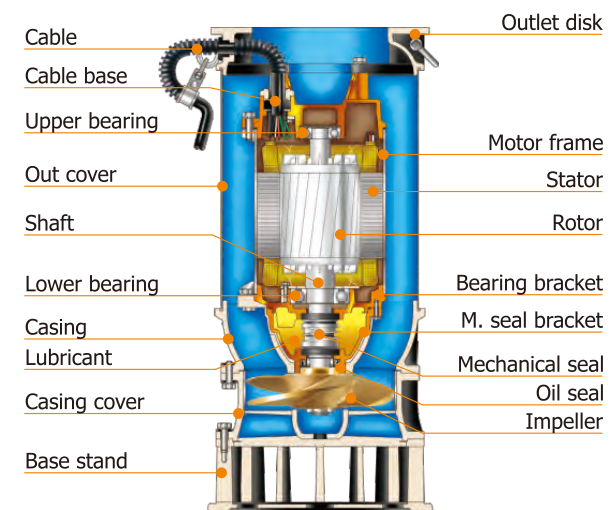
L-300A

■ 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.



L-405A-63A



L-200A/250A

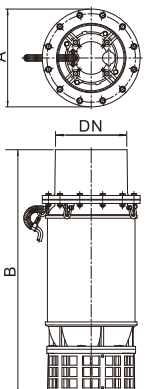


L-300A

■ 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 | 1Ø | B |
| L-405A | ½ (0.4) | 3½" (90) | 1 | Capacitor | 1.5 | 0.7 | 42 | 10 | 25 | 25 | 225 | 484 | 484 |
| L-41A | 1 (0.75) | 4" (100) | 3 | 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) | 12" (300) | 3 | Direct | 4.5 | 7.0 | 420 | 23 | - | 201 | 430 | - | 1077 |

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



■ 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 | 50Hz | |
| | Motor | 0.5~1HP | 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) | |
| Material | Bearing | Ball Type | |
| | M.seal | Double M.seals | |
| | Impeller | Axial-flow(0.5~10HP) • Mix-flow(15HP) | |
| | Outer Cover | SUS304 | |
| | Upper Cover | FC-200(0.5~3HP) • BC6(7.5~15HP) | |
| | Motor Frame | FC-200(0.5~3HP) • SUS304(7.5~15HP) | |
| | Shaft End | SUS304 | |
| M.seal | Upper: Carbon/Ceramic Lower: Silicon/Silicon(0.5~3HP) • Carbon/Ceramic(7.5~15HP) | | |
| Casing | FC-200 | | |
| Impeller | ALBC3 | | |
| Cable | VCT or H07RN-F or SJOW/SOW | | |
| Optional | Pumps can be customized to fit specifications | | |

■ PERFORMANCE CURVES

