



LH - SERIES DEWATERING PUMP

SPECIFICATIONS

■ FEATURES

1. Semi-open, high chrome iron impeller with replaceable / adjustable high chrome iron wear rings, increases wear resistance, when pumpage contains abrasive particles.
2. Double inside mechanical seals with silicon carbide faces, (both top and bottom) running in an oil filled chamber and further protected by a lip seal running against a replaceable, 430 stainless steel shaft sleeve, provides for the most durable seal design available.
3. Highly efficient, continuous duty air filled, copper wound motor with class B, F insulation minimizes the cost of operation.
4. Built in thermal & amperage sensing protector prevents motor failure due to

overloading or accidental run -dry conditions.

5. Double shielded, permanently lubricated, high temperature C3 ball bearings rated for a B-10 life of 60,000 hours, extend operational life.
6. Top discharge, flow-thru design enables operation at low water levels for extended periods.

■ APPLICATIONS

1. Commercial, industrial wastewater and construction site drainage.
2. Effluent transfer.
3. Decorative waterfalls and fountains.
4. Raw water supply from rivers or lakes.



■ SPECIFICATIONS

Discharge Size
 Horsepower Range
 Performance Range Capacity
 Head
 Maximum water temperature
 Materials of Construction
 Casing
 Impeller
 Shaft
 Motor Frame
 Fasteners
 Seal Pressure Relief Ports
 Mechanical Seal
 Elastomers
 Impeller Type
 Solids Handling Capability

 Bearings

 Motor Nomenclature
 Type, Speed, Hz.
 Voltage, Phase
 Insulation

 Accessories

 Operational Mode

■ STANDARD

3" ~ 8" NPT (80 mm ~ 200 mm)
 4 ~ 150 HP. (3 ~ 110 kW)
 26.4 ~ 1717.0 GPM. (0.1 ~ 6.5 m³/min)
 20.5 ~ 604.0 Ft. (6.25 ~ 184.1m)
 104^o F. (40^o C.)

 Cast Iron , Ductile Cast Iron
 High Chrome Cast Iron
 420 Stainless Steel
 Cast Iron
 304 Stainless Steel
 50 - 150HP (37 - 110 kW)
 Silicon Carbide
 NBR (Nitrile Butadiene Rubber)
 Semi-open, solids handling.
 0.236 - 0.787" (6 - 20mm)

 Prelubricated, Double Shielded

 Air Filled, 3600 RPM, 60 Hz.
 208/230/460/575 V., 3 Phase.
 Class B , F

 Submersible Power Cable
 50 - 65' (15 - 20m)

 Manual

■ OPTIONS

Length as Required.

 TS-303 Float Switch