



**LH-W SERIES  
HIGH HEAD-DEWATERING PUMPS**

**SPECIFICATIONS**

**■ FEATURES**

1. Enclosed, high chrome iron impellers, 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, running in an oil filled chamber and further protected by a lip seal running against a replaceable, 403 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 or 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. Residential, commercial, industrial wastewater and construction site drainage.
2. Effluent transfer.
3. Decorative waterfalls and fountains.
4. Raw water supply from rivers or lakes.



OIL LIFTER

**■ SPECIFICATIONS**

Discharge Size.....	2" ~ 4" Npt (50 ~ 100 mm)
Horsepower Range.....	7.5 Hp. ~ 40 Hp. (5.5 ~ 30 kW)
Performance Range Capacity.....	30 ~ 364 Gpm. (.11 ~ 1.37 m <sup>3</sup> /min)
Head.....	70 Ft. ~ 400 Ft. (21. ~ 122 m)
Maximum water temperature.....	104 °F. (40 °C.)
Materials of Construction	
Casing.....	Cast Iron
Impeller.....	High Chrome Iron Casting
Shaft.....	420 Stainless Steel
Motor Frame.....	Cast Iron
Fasteners.....	304 Stainless Steel
Mechanical Seal.....	With seal pressure relief ports
Upper Seal.....	Silicon Carbide/Carbon
Lower Seal.....	Silicon Carbide/Silicon Carbide
Elastomers.....	NBR (Nitrile Rubber)
Impeller Type.....	Enclosed, two-stages
Solids Handling Capability.....	Double stages 1/3" (8.5 mm), 1/4" (6 mm, 7.5 HP)
Bearings.....	Prelubricated, Double Shielded
Motor Nomenclature	
Type, Speed, Hz.....	Air Filled, 3600 Rpm, 60 Hz.
Voltage, Phase.....	208/230/460/575 V., 3 Phase
Insulation.....	Class B, F (40 Hp.)
Accessories.....	Submersible Power Cable 50' (15 m)
Operational Mode.....	Manual

**■ STANDARD**

Discharge Size.....	2" ~ 4" Npt (50 ~ 100 mm)
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**■ OPTIONS**

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Length as Required