

# Liberty Pumps®



## LEH200-Series

### High Head Sewage Pumps

**2 hp  
2" Solids-Handling  
2" or 3" Flanged  
Discharge  
83' Maximum TDH**

#### Features:

- Rugged 2 vane, closed cast iron impellers
- Cast iron housing and volute with all stainless fasteners
- 416 stainless steel rotor shaft
- Oil-filled, hermetically sealed motors
- Built-in thermal protection on single phase models
- 2" or 3" flanged discharge
- Permanently lubricated upper and lower ball bearings
- Dual shaft seals
- Quick-disconnect 25' standard power cord allows replacement of cord in seconds without breaking seals to motor

#### Models:

##### SINGLE PHASE

**LEH202M 230V, 18a, manual**

##### 3-PHASE

**LEH203M 208-230V, 13.2a, manual**

**LEH204M 440-480V, 6.6a, manual**

**LEH205M 575V, 5.5a, manual**

LEH200-Series models require control panel for automatic operation. See sewage accessories literature for complete information on all simplex and duplex controls.

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# LEH200-SERIES TECHNICAL SPECIFICATIONS

## PUMP

The pump(s) shall be model \_\_\_\_\_ as manufactured by Liberty Pumps, Bergen, N.Y. or equal. The pump(s) shall have a capacity of \_\_\_\_\_ GPM at a total dynamic head of \_\_\_\_\_ feet. Motor size shall be 2 horsepower, \_\_\_\_\_ phase, 60 hz. and \_\_\_\_\_ volt operation.

## MOTOR

The pump motor shall be class B of the submersible type, oil filled, and hermetically sealed. Single phase motors shall have thermal overload protection embedded in the windings, and shall automatically reset when motor cools. Three-phase motors shall have heatbreakers incorporated into the control panel, properly sized for the horsepower and amperage of the pump(s).

The rotor shaft shall be made of 416 stainless steel and shall be supported by upper and lower ball bearings.

The power cord shall be of the quick-disconnect design.

## IMPELLER

The pump impeller shall be cast iron, 2 vane, closed, and shall be capable of passing a 2" spherical solid.

## DUAL SHAFT SEAL

Upper seal shall be unitized silicon carbon and the lower seal shall be Viton double lip.

## EXTERNAL CONSTRUCTION

The pump volute, legs and motor housing shall be heavy gray iron castings, class 25 or better. All castings shall be powder coated before assembly.

All fasteners shall be of 300-series stainless steel.

## ALL MODELS: 2 HP, 3450 RPM

	MODELS	VOLTS	PHASE	AMPS	DISCHARGE
SINGLE PHASE	LEH202M2	230	1	18	2" FLANGED
	LEH202M3	230	1	18	3" FLANGED
3-PHASE	LEH203M2	208-230	3	13.2	2" FLANGED
	LEH203M3	208-230	3	13.2	3" FLANGED
	LEH204M2	440-480	3	6.6	2" FLANGED
	LEH204M3	440-480	3	6.6	3" FLANGED
	LEH205M2	575	3	5.5	2" FLANGED
	LEH205M3	575	3	5.5	3" FLANGED

LEH200-Series models require panel for automatic operation. See sewage accessories literature for complete information on all simplex and duplex controls.

## DIMENSIONAL DATA:

Weight: LEH202M: 95 LBS.

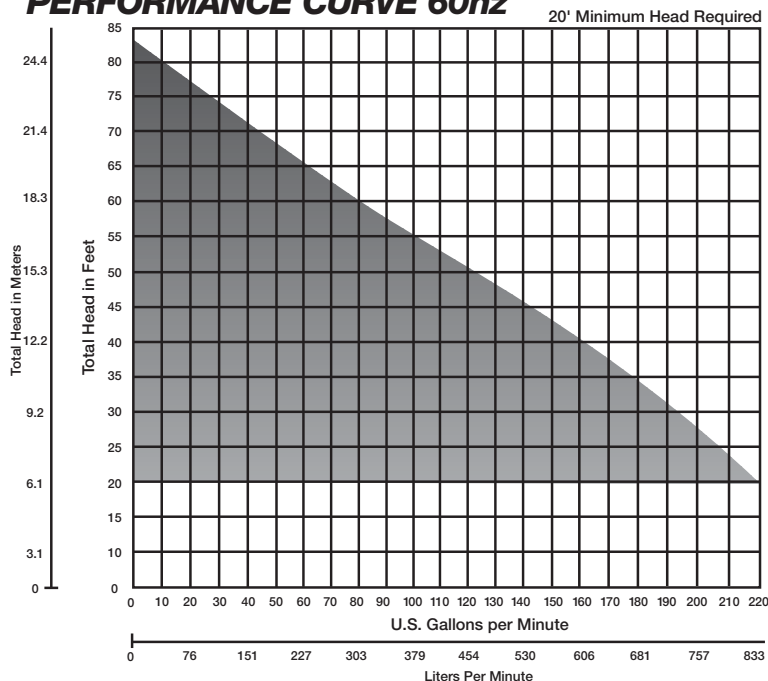
Height: 21"

Major Width: 13"

Maximum fluid temperature: 140 degrees F.

NOTE: LEH200-Series high-head pumps require a minimum head of 20'.

## PERFORMANCE CURVE 60hz



Specifications subject to change without notice.

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