LH/W

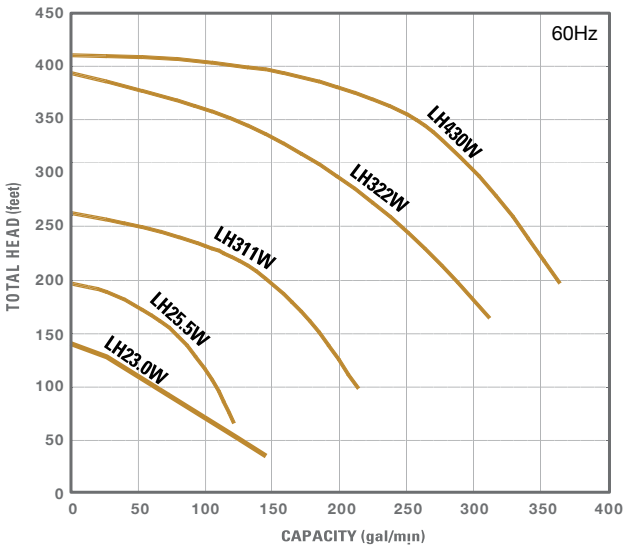
Extreme high head pumping at high volumes!

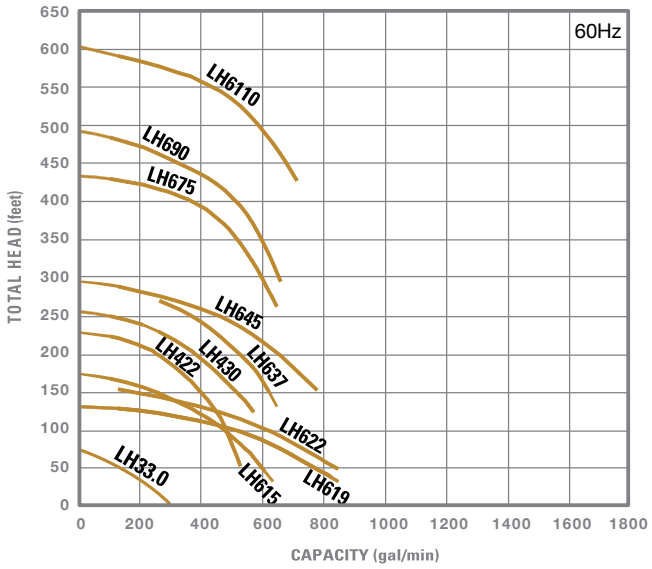
Slimline: LH33.0
- fits into 8" diameter pipes

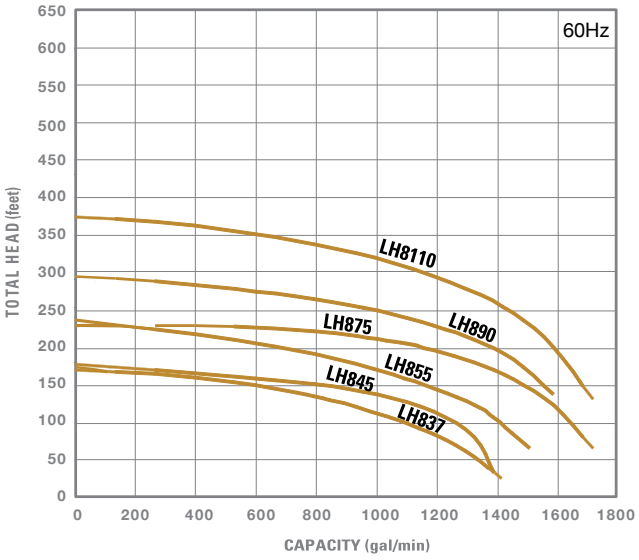
Material

Impeller:	High Chrome Cast Iron
Casing:	Ductile Cast Iron
Mechanical Seal:	Silicon Carbide
Motor Frame:	Cast Iron
Shaft:	420 Stainless Steel
Fasteners:	304 Stainless Steel
Cable:	Chloroprene Sheath

Performance Curves







LH and LH-W pumps reach heights the competition only dreams of!

Features

- Higher Pumping Heads
- High Pressure Rated Mechanical Seals
- Seal Pressure Relief Ports
- Rugged All Iron Construction
- Anti-Wicking Cable Entrance
- Dual Silicon Carbide Mechanical Seals
- Tsurumi's Exclusive Oil Lifter
- Internal Thermal Motor Protection

The **LH-W series** offers extremely high heads by utilizing dual staged, closed high chrome impellers. The LH series handles medium to high flows at higher heads. The durable construction of these pumps make them ideally suited for dewatering of mines and quarries, deep well pumping and any high head or long distance water transfer application.

Isolated dual silicon carbide mechanical seals provide superior motor protection. High pressure seals, capable of operating depths of 328 ft., are used on all LH-W series pumps and on LH series pumps from 20 to 60 HP. Additional seal protection is provided by Tsurumi's exclusive Seal Pressure Relief Ports. The Pressure Relief Ports provide a flow path above the pump casing to allow a release for water to flow from the pump and away from the shaft. The mechanical seal remains isolated in an oil chamber above this flow path and is protected from any excessive pumping pressure or water hammer that may cause premature wear or failure of mechanical seals in high head pumping applications. Isolating the mechanical seals also protects against wear from abrasive materials in the pumping liquid.

	PUMP SPECIFICATIONS			MOTOR SPECIFICATIONS				DIMENSIONS			
Model	Discharge Size (inch)	Maximum Capacity (gpm)	Maximum Head (feet)	Output (hp)	Pole (rpm)	Insulation Class	Voltages	Diameter (inch)	Height (inch)	C.W.L.* (inch)	Weight (lbs.)
LH23.0W	2	145	140	4	2 - 3600	F	208 / 230 / 460 / 575	7 5/16	24 13/16	7 7/8	101
LH33.0	3	290	73	4	2 - 3600	F	208 / 230 / 460 / 575	7 5/16	25 3/8	5 7/8	93
LH25.5W	2	122	197	7.5	2 - 3600	B	208 / 230 / 460 / 575	9 5/8	29 1/2	6 3/4	176
LH311W	3	214	262	15	2 - 3600	B	208 / 230 / 460 / 575	10 5/8	40 5/16	7 7/8	286
LH322W	3	312	394	30	2 - 3600	B	460 / 575	13	48 5/8	11 3/4	670
LH430W	4	365	410	40	2 - 3600	F	460 / 575	14 3/8	54 1/8	11 3/4	714
LH422	4	528	230	30	2 - 3600	B	460 / 575	16 9/16	51 3/4	7 1/8	680
LH430	4	573	123	40	2 - 3600	F	460 / 575	16 9/16	53 3/8	7 1/8	730
LH615	6	634	173	20	2 - 3600	B	460 / 575	13 7/16	39	7 1/8	420
LH619	6	845	131	25	2 - 3600	B	460 / 575	16 9/16	52 1/4	7 1/8	610
LH622	6	845	164	30	2 - 3600	B	460 / 575	16 9/16	53 5/8	7 1/8	640
LH637	6	647	294	50	2 - 3600	F	460 / 575	20 7/8	57	7 1/8	1090
LH645	6	779	295	60	2 - 3600	F	460 / 575	20 7/8	57	7 1/8	1120
LH675	6	647	433	100	2 - 3600	F	460 / 575	21 5/8	66	7 7/8	1870
LH690	6	660	492	120	2 - 3600	F	460 / 575	23 5/16	70 3/8	7 7/8	2420
LH6110	6	713	604	150	2 - 3600	F	460 / 575	23 5/16	70 3/8	7 7/8	2640
LH837	8	1413	171	50	2 - 3600	F	460 / 575	20 7/8	58 9/16	7 1/8	1090
LH845	8	1387	177	60	2 - 3600	F	460 / 575	20 7/8	58 9/16	7 1/8	1120
LH855	8	1506	236	75	2 - 3600	F	460 / 575	21 5/8	67 9/16	7 7/8	1780
LH875	8	1717	230	100	2 - 3600	F	460 / 575	21 5/8	67 9/16	7 7/8	1870
LH890	8	1585	295	120	2 - 3600	F	460 / 575	23 5/16	70 3/8	7 7/8	2530
LH8110	8	1717	374	150	2 - 3600	F	460 / 575	23 5/16	70 3/8	7 7/8	2750