

# SUBMERSIBLE DEWATERING

## LH-W HIGH HEAD

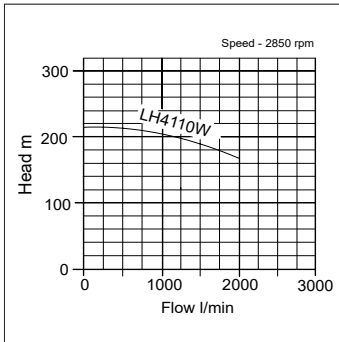
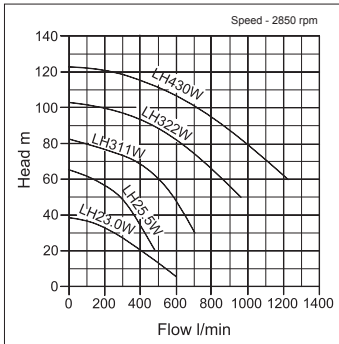


The **LH-W** series are three phase contractors' pumps capable of very high heads. Constructed in superior grade materials throughout to give exceptional performance in harsh operating conditions. The hydraulic design features a double mechanical seal, with an oil lifter, for positive seal lubrication in any operating position. The top discharge design forms a water and air-cooling channel and this, combined with a high-performance motor, enables long periods of operation in seepage conditions. With this design the base is small, which enables good positioning in confined spaces. Maintenance is straightforward, with simple replacement of parts, without the need for special tools. High-performance motors feature thermal protection, enabling simple installation and direct connection to the power supply.

*Special use options: IDS (individually screened cable) is available on most models (Please request a quotation)*

**Fluid:** Rain water | Ground water | Water carrying sand | Temperature: 0 - 40°C

**Application:** Mines & quarries | Construction | Hire fleets | Tunnelling | Deep excavations



LH-W	<b>Impellers</b>	<b>Shaft seal</b>
	Closed	Double mechanical

Pump	<b>Outer cover</b>	<b>Pump casings (23.0W)</b>	<b>Pump casings</b>
	Steel	Ductile iron	Grey cast iron
	<b>Oil casing</b>	<b>Impellers</b>	<b>Shaft</b>
	Grey cast iron	Chromium iron	S/S 420J2
	<b>Shaft seal</b>	<b>Lubrication</b>	<b>Strainer</b>
	Silicon carbide	Oil	Steel

Motor	<b>Poles, protection</b>	<b>Insulation (25.5/311-322W)</b>	<b>Insulation</b>
	2 pole, IP68	Class B	Class F
	<b>Thermal protection</b>	<b>Starting</b>	<b>Starting (430W/4110W)</b>
	Integral	D.O.L.	Star-delta
	<b>Motor cover</b>	<b>Motor frame</b>	<b>Power cable (20mtr)</b>
	Grey cast iron	Grey cast iron	Rubber



**LH23.0W**

item code	model	Manual or Auto	outlet (BSPM/flange)	kW	volt	flow (l/min)	head (mtrs)	max. water depth (mtrs)	free passage (mm)	dia x h (mm)	dry weight (kgs)
10-10-1142	LH23.0W	M	2"	3	400	600	39	25	6	Ø185x630	46
10-10-1221	LH25.5W	M	2"	5.5	400	480	65	25	6	Ø240x750	80
10-10-1217	LH311W	M	80mm	11	400	700	82	30	8.5	Ø270x1024	130
10-10-1039	LH322W	M	80mm	22	400	940	102	30	8.5	Ø330x1235	304
10-10-1012	LH430W	M	100mm	30	400	1230	123	30	8.5	Ø330x1375	324
10-10-1030	LH4110W	M	100mm	110	400	2000	216	30	8.5	Ø616x1825	1270