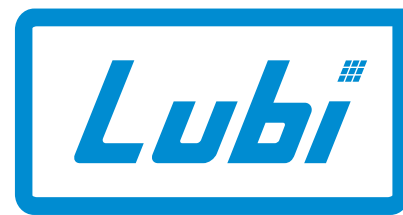


LHMS SERIES

**Horizontal Multistage
Submersible Pumpsets
50 Hz**



Passion for Pumps



INTRODUCTION

Lubi Horizontal Multistage Submersible Pumpsets are manufactured with strict quality assurance for years of efficient and reliable operation.

APPLICATIONS

- Irrigation from open wells especially where there is wide fluctuation in water levels.
- Community water supply
- Fountains.
- Canals / Rivers belt irrigation.
- Water supply for high-rise building.

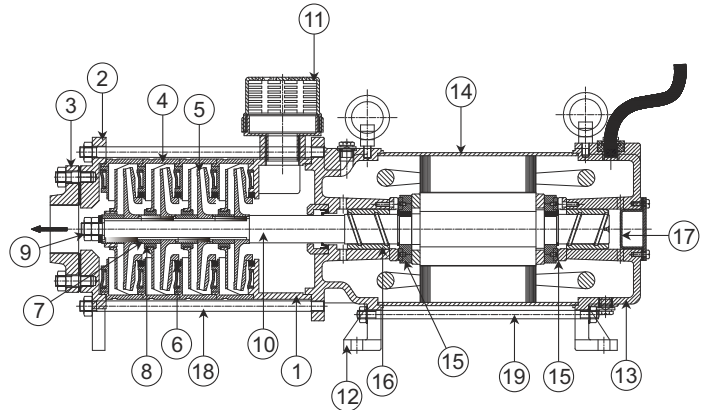
OPERATING CONDITIONS

Flow range : Up to 225 LPM
 Head range : Up to 84 metres
 Ambient temperature : Max. +50°C
 Liquid temperature range : 0°C to +50°C

MOTOR

Type : Submersible rewindable motor
 Ratings : 1 phase - 1.5 to 2.2 kW
 3 phase - 1.5 to 2.2 kW
 Rated speed : 2880 rpm
 Enclosure class : IP 68
 Standard voltages : 1 phase, 230 V
 (Tolerance +5% / -15%) 3 phase, 380-415 V
 Supply frequency : 50 Hz
 Duty / Rating : S1 / Continuous
 Direction of rotation : Clockwise as seen from the motor rear end.

SECTIONAL DRAWING & MATERIALS



POS.	COMPONENT	MATERIAL
1	Suction chamber	Cast iron
2	Delivery chamber	Cast iron
3	Delivery flange	Cast iron
4	Bowl	S.S.304
5	Impeller	S.S.410
6	Wear ring	NBR
7	Pump Sleeve	S.S.410
8	Bush	Bronze/NBR
9	Lock nut	S.S.304
10	Pump Shaft	S.S.410
11	Strainer	Engineering Plastic
12	Adaptor	Cast iron
13	Lower bearing housing	Cast iron
14	Stator body	S.S.202 / Cast iron
15	Bearing	Carbon/S.S.
16	Bush	Bronze
17	Diaphragm	NBR
18	Stud	S.S.410
19	Stud	S.S.410

PERFORMANCE TABLE

Outlet Size 38 mm (1.5")

PUMP TYPE	HP	STAGE	PHASE	Q l/min	0	25	50	75	100	125	150	175	200	210
LHMS-158A	2.0	4	1 Phase	H (m)	57	56	54	52	51	49	40	28	12	4
LHMS-58A	2.0	4	3 Phase		57	56	54	52	51	49	40	28	12	4
LHMS-101B	3.0	6	1 Phase		78	77	76	75	70	61	47	32	15	5
LHMS-1B	3.0	6	3 Phase		78	77	76	75	70	61	47	32	15	5

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