

50+
YEARS OF
PUMPING TRUST



PUMPS

Performance Booklet



Customer Care No.
09824200800

www.lubipumps.com



* Selected Models Only



HEAD OFFICE



VADSAR

COMPANY OVERVIEW

When it comes to the science of pumping, Lubi Pumps present smart, sturdy and sustainable pump solutions with over 50+ years of unmatched experience and expertise for industries across the spectrum.

- ✔ In house cast-iron foundry in span of 5 decades evolved into state-of-art high technology.
- ✔ 150 million USD group.
- ✔ ISO 9001 certified factory with in-house designed foundry.
- ✔ Producing more than 5000 variety of water pumps & motors like Submersible Pump, Submersible Motor, Bare shaft Pump, End suction Pump, Pressure Booster Pump, Centrifugal Monoblock Pump etc.
- ✔ Dedicated team of over 3000+ people .
- ✔ Manufacturing capacity of 7,00,000 units annually and Infrastructure space of 3,00,000 square meters.
- ✔ Wide ranges of products are certified with CE / UL certificate and having a five star energy efficiency rating certified by BEE.
- ✔ With more than 22 branch offices and over 2200 distributors & dealers across India, North America, Europe, Middle East, North Africa, Central Africa and South East Asia.
- ✔ Presence in more than 80 countries.

Our aim is to provide comprehensive pumping solution with superior quality & energy efficiency and becoming a world's largest exporter. We are also committed to green environment movement by offering and continuously improving energy efficiency.

Our research and development team continuously strive to find better answers that align with our mission.



KADADRA FOUNDRY



NARODA - GIDC

INFRASTRUCTURE

With in-house cast iron & bronze foundry and host of sophisticated machines, right from CNC mould making machine and machining centres to automatic motor winding machines, Lubi encourages error free manufacturing process. We use the most advanced foundry technology to assure high quality of castings at a competitive price. We offer value added services like CAD/ CAM for design, pattern making, machining, heat treatment, and painting of castings. We can offer material test certificates for chemical and physical analysis of metal, and microstructure evaluation of castings.

All our production facilities are vertical integrated. Starting from manufacturing castings, motor laminations, to high pressure aluminum die castings, and plastic injection moulding. Our experience of working with pump building raw materials such as Pig Iron, Brass and Bronze, Stainless Steel, Copper and engineering plastics like Noryl, and others span for more than 4 decades. Our manufacturing processes and testing facilities meet the demanding challenges of new markets. Our manufacturing setup sprawls across 300,000 square meters of land at 6 different locations.

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Domestic Pumpsets

Single Phase



 <p>Thunder-I & II</p>	 <p>SPLASH-II</p>	 <p>MDH-50A</p>	 <p>MI-50SP</p>	 <p>MDH-27A</p>
 <p>MDH-27DC</p>	 <p>CHAMPION PLUS-II</p>	 <p>CHAMPION PLUS-I</p>	 <p>MDH-27ASF</p>	 <p>MDH-36A</p>
 <p>MDH-36H</p>	 <p>MDH-37H</p>	 <p>MDH-27A (C.I.)</p>	 <p>FORCE-I & II</p>	 <p>AQUAMAX-I & II</p>
 <p>VIRAT ULTRA</p>	 <p>VIRAT SUPER</p>	 <p>VIRAT 50</p>	 <p>VIRAT GOLD+</p>	 <p>VIRAT MAX-I & II</p>
 <p>VIRAT DIAMOND</p>	 <p>VIRAT 100</p>	 <p>MDL-3</p>	 <p>MDL-3N</p>	 <p>MDL-5</p>
 <p>MDL-5N</p>	 <p>MEGA BOOSTER-II</p>	 <p>LHL- 150CE / 151CE / 155CE</p>	 <p>LHL- 151C</p>	 <p>LHL-160CE</p>
 <p>MDH-12E</p>	 <p>MDH-14E</p>	 <p>A10</p>	 <p>D10</p>	

Domestic Pumpsets

Single Phase



MDL SERIES - C.I. BODY 230 V, 50 Hz. AC supply, 1-Phase (1440 RPM Syn. Speed)

Model	K.W.	H.P.	Size in mm	Head in Metres																
				8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
				Discharge in L.P.H.																
MDL-3	0.37	0.50	25 x 25	3240	3000	2880	2700	2520	2400	2220	1980	1800	1500	1320	960					
MDL-3N	0.37	0.50	25 x 25	2880	2760	2580	2400	2160	1980	1800	1620	1380	1140	1020	720					
MDL-5	0.75	1.0	25 x 25		4080	3900	3720	3600	3420	3300	3000	2820	2700	2520	2400	2160	1980	1800	1620	1440
MDL-5N	0.75	1.0	25 x 25		3780	3540	3360	3180	3000	2820	2580	2460	2220	2100	1920	1800	1620	1440	1260	1020

PRESSURE BOOSTER PUMPSET

System Model	KW (HP)	Suction Size mm (inch)	Discharge Size mm (inch)	Type of Auto Boost	Setting Range kg/cm ²	Max. Cap. Lit / Hr	Approximate Suitable For
MEGA BOOSTER-II	0.37 (0.5)	25 (1)	25 (1)	IN LINE	1.5 to 3.0	2910	1 Bathroom Normal

MONOBLOCK PUMPSET

Model	K.W.	H.P.	Size in mm	Discharge in L.P.H.	Head in Metres			
					16	18	20	21
MDH-12E	0.37	0.5	25 x 25		4800	3000	1080	0

Model	K.W.	H.P.	Size in mm	Discharge in L.P.M.	Head in Metres						
					22	24	26	28	30	32	33
MDH-14E	0.75	1.0	25 x 25		110	90	85	60	40	20	0

Note : MDH-12E is ISI marked.

CENTRIFUGAL JET PUMPSET

Model	K.W.	H.P.	Bore Size (mm)	Size Suc. x Press x Del. (mm)	Jet Settings Depth in Meters (DLWL)																
					3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51
					Discharge in L.P.H.																
MJET D10	0.75	1.00	100	32 x 25 x 25	1600	1500	1450	1420	1400	1380	1250	1060	900	780	650	520	400	300	200	100	50
MJET A10	0.75	1.00	100	32 x 25 x 25					1500	1320	1080	960	900	840	720	600					

Note : ■ Self-priming upto 6.0 meters at mean sea level. ■ Performance under standard test conditions. ■ Performance applicable to liquid of specific gravity 1.0 & viscosity as of water.

OPEN-WELL SUBMERSIBLE PUMPSET

Model	H.P.	Size in mm	Head in Metres													
			6	8	10	12	14	16	18	20	22	24	26	28		
			Discharge in L.P.M.													
LHL-150CE	0.5	25 x 25	135	130	122	112	100	86	70	25						
LHL-151CE	1.0	25 x 25			204	196	185	170	155	140	128	110	86	60		
LHL-151C	1.0	25 x 25			185	182	175	165	152	140	122	100	65			

Model	H.P.	Size in mm	Head in Metres										
			9	12	15	18	21	24	27	30	33	36	39
			Discharge in L.P.M.										
LHL-155CE	1.5	32 x 25	159	156	155	151	143	133	132	112	94	72	41
LHL-160CE *	2.0	50 x 50	428	373	331	282	233	119					

Note : * Cast Iron Body

Self Priming Monoblock Pumps

Single Phase



MDH-25B, 25C, 26



MDH-31



MDL-2SP, 4SP, 20



MDL-2 TEFC, 4 TEFC

Features

- Pump casing, Adapter, Endshields are made of close grained cast iron of high tensile strength.
- High Tensile Brass Impeller is used to give trouble free service.
- Motor windings are vacuum impregnated with synthetic varnish for better moisture resistance.
- Superior Mechanical Seal for longer life and effective sealing against water leakage.
- Double Shielded pre-lubricated anti-friction ball bearings are fitted at both ends to withstand radial and axial loads.
- Better insulating materials are used so that pumpset can withstand high temperature rise.
- Fitted with Thermal Overload Protector (TOP).

Applications

- Water supply for residential bungalows, garages, apartments & flats, dairies, hotels, laundries, clubs, hospitals etc.
- Small farms, farm houses
- Water circulation in solar heater systems
- Small fountains, lawn sprinklers, gardens
- Booster applications

MDL SERIES - C.I. BODY 230 V, 50 Hz. AC supply, 1-Phase (1440 RPM Syn. Speed)

Model	K.W.	H.P.	Size in mm	Head in Metres															
				4	6	8	10	12	14	16	18	20	22	24	26	28	30	36	40
				Discharge in L.P.H.															
MDL-2SP/TC	0.37	0.50	25 x 25	-	-	3550	3350	3150	2970	2790	2610	2350	1900	-	-	-	-	-	-
MDL-4SP/TC	0.75	1.00	25 x 25	-	-	-	3550	3310	3120	2790	2640	2400	2280	2100	1890	1780	1610	1310	970
MDL-20	1.50	2.00	40 x 40	10620	10200	9600	9000	8400	7800	7200	6600	5820	5100	4200	3300	2040			

MDH SERIES 230 V, 50 Hz. AC supply, 1-Phase (2880 RPM Syn. Speed)

Model	K.W.	H.P.	Size in mm	Head in Metres														
				3	6	9	12	15	18	21	24	27	30	33	36			
				Discharge in L.P.H.														
MDH-25B	0.37	0.50	13 x 13	1560	1440	1320	1200	1050	870	660	420	180	-	-	-			
MDH-25C	0.37	0.50	25 x 25	1650	1560	1440	1320	1200	1050	900	720	540	300	-	-			
MDH-26	0.75	1.00	25 x 25	2160	2160	1860	1680	1530	1380	1200	1020	870	720	510	300			

Model	K.W.	H.P.	Size in mm	Head in Metres									
				6	9	12	15	18	21	24			
				Discharge in L.P.H.									
MDH-31	0.37	0.50	25 x 25	3150	2980	2920	2690	2310	1710	1110			

Shallow Well Jet Pumps

Single Phase



MCJ-051SP



MCJ-101CC

Features

- High Head Pump with better discharge.
- Noryl Impeller. (High Grade Engg. Plastic)
- Aluminium die cast body with excellent aesthetic & colour.
- Light weight for easy handling.
- Fitted with thermal overload protector for safety of winding of the pumpset.
- Total suction head 30ft. (with foot valve)
- Top mounted terminal box with inside capacitor. (MCJ-101CC)

Technical Specifications

- Head : 6 - 39 meters
- Capacity : 66 - 8 LPM
- Power Rating : 0.37 & 0.75 kW (0.5 & 1.0 HP)
- Voltage Range : 180 - 240 Volts

Material of Construction

- Impeller : Noryal
- Motor Body : Cast Iron
- Delivery Casing, Adapter : Cast Iron
- Mechanical Seal : Ceramic/Carbon
- Shaft : Stainless Steel

Applications

- Residential Bungalows
- Apartments
- Small Irrigation
- Small Hotels
- Lawns & Gardens
- Car Washing
- Fountains
- Pressure Boosting

Performance under standard test conditions

Model	K.W.	H.P.	Size in (mm)	Head in Meters												
				6	9	12	15	18	21	24	27	30	33	36	39	
				Discharge in L.P.M.												
MCJ / MCJC-051SP	0.37	0.50	25 x 25	57	54	50	47	42	38	34	30	22	-	-	-	
MCJ-071	0.75	1.00	25 X 25	58	57	56	55	48	45	32	28	20	-	-	-	
MCJ / MCJC-101SP	0.75	1.00	25 X 25	-	-	-	66	63	60	58	50	42	30	18	8	

Note : MCJC models with Cast Iron Impeller

S.S. Shallow Well Jet Pump

Single Phase



SMSJ-051

Features

- Corrosion & rust free, Hygienic water supply & safe for drinking.
- Suitable for conversion into a new generation pressure boosting system.

Technical Specifications

- Head : 12 - 35 meters
- Capacity : 50 - 10 LPM
- Power Rating : 0.5 HP
- Voltage Range : 180 - 240 Volts

Material of Construction

- Pump casing : Stainless Steel
- Bracket : Cast Iron
- Impeller : Stainless Steel
- Motor Body : Aluminium
- Shaft : Stainless Steel
- Mechanical seal: Ceramic/Carbon

Applications

- For clean liquids without abrasives, which are non-aggressive for the pump materials.
- As pressure boosting pumps for central water systems.
- For civil and industrial applications.
- For watering gardens.

Performance under standard test conditions

Model	K.W.	H.P.	Size in (mm)	Discharge in L.P.M.					
				0	10	20	30	40	50
				Head in Meters					
SMSJ-051	0.37	0.5	25 x 25	35	25	23	18	15	12

Horizontal Multistage Pumps

Single / Three Phase



MH SERIES



MHN SERIES

Features

- Motor and pump are close coupled in a convenient and compact design for quick installation in limited space.
- The pump is fitted with a maintenance-free mechanical seal.
- The pumps have axial suction port and radial discharge port and are mounted on a base plate.
- MH:** Pump stages as well as all moving parts in contact with the pumped liquid are made of stainless steel AISI 304. Discharge casing, Suction casing are made of grey iron and steel base plate painted with glossy paint.
- MHN:** Stainless steel Suction & Discharge casing, suction casing as well as all parts in contact with the pumped liquid are made of stainless steel AISI 304. Esp. for dairy and hygienic applications.

Applications

- Liquid transfer and circulation of liquids within light industry & farming.
- Pressure boosting in single-pump and multi-pump booster systems.
- Domestic water supply.
- Cooling systems.
- Air-conditioning systems.

Technical Specifications

- Head : upto 57 meters
- Capacity : 133.3 LPM
- Power Rating : 0.37 - 1.10 kW (0.50 - 1.50 HP)
- Voltage Range : 180 - 240 Volts

Material of Construction

- Suction chamber : CI.GR.FG.200
- Delivery chamber : CI.GR.FG.200
- Impeller : Stainless Steel
- Bowl : Stainless Steel
- Mechanical seal : Carbon / Ceramic
- Motor Body : Die Cast Aluminium Body

Performance under standard test conditions

Model	K.W.	H.P.	Size in (mm)	Discharge in L.P.M.						
				0	26.7	33.3	40.0	46.7	53.3	58.3
				Head in Meters						
MH, MHN 2-20	0.37	0.50	25 x 25	19	16	15	14	12	10	9
MH, MHN 2-30	0.55	0.75	25 x 25	28	24	22	21	18	16	14
MH, MHN 2-40	0.55	0.75	25 x 25	38	32	29	27	24	20	18
MH, MHN 2-50	0.75	1.00	25 x 25	48	39	36	33	29	24	20
MH, MHN 2-60	0.75	1.00	25 x 25	57	47	43	39	34	29	25

Model	K.W.	H.P.	Size in (mm)	Discharge in L.P.M.						
				0	33.3	66.7	83.3	100	116.7	133.3
				Head in Meters						
MH, MHN 4-20	0.37	0.50	32 x 25	18	15	12	11	9	7	5
MH, MHN 4-30	0.55	0.75	32 x 25	27	23	19	17	14	11	8
MH, MHN 4-40	0.75	1.00	32 x 25	35	30	24	21	17	13	9
MH, MHN 4-50	0.93	1.25	32 x 25	45	39	33	29	24	19	14
MH, MHN 4-60	1.10	1.50	32 x 25	53	46	38	33	28	22	16

Horizontal Multistage Pumps Booster Sets With 2 To 4 Lcr Pumps



MFHC



AQUAPACK 1000

Features

- Motor and pump are close coupled in a convenient and compact design for quick installation.
- The pump is fitted with a maintenance free mechanical seal.
- Multistage pump to provide the flow and pressure for different site applications.

Technical Specifications

- Head : 6 - 67 meters
- Capacity : upto 175 LPM
- Power Rating : 0.75 to 1.50 kW (1.0 to 2.0 HP)
- Voltage Range : 180 - 240 Volts

Material of Construction

- Impeller : Noryl
- Motor Body : Aluminium
- Delivery Casing, Adapter : Cast Iron
- Mech. Seal : Carbon/Ceramic
- Shaft : Stainless Steel

Applications

- Residential Bungalows
- Community Water Supply
- Apartments
- Small Farms
- Lawns & Gardens
- Car Washing
- Sprinklers
- Hotel & Hospitals
- Pressure boosting for central water system

Performance Table

Model	K.W.	H.P.	Size in (mm)	Discharge in L.P.M.								
				0	17	33	50	75	100	125	150	175
				Head in Meters								
MFHC-101	0.75	1.0	32 x 32	40	38.5	37	35	31	25	20	13	6
MFHC-151	1.10	1.5	32 x 32	53	51.7	50	47	43	36.5	28.5	19.8	10
MFHC-201	1.50	2.0	32 x 32	67	66.3	64	60.5	54.5	46.5	37	26	14.5

Features

- Ideal for pressure boosting without overhead tanks
- Constant pressure at all taps
- Low energy consumption
- Wide range
- Simple installation
- Continuous water supply due to standby pumps
- Low noise, tough & reliable
- Fully factory assembled & tested
- Also available VFD controls for power saving solution.

Control Panel Standard Features

- Attractive control box with a dust proof & water proof IP 58 protection & lockable key
- Highly reliable magnetic motor starters
- Single phase prevention & overload motor protection
- Dry run protection and low pressure protection
- Delay & minimum run timers to eliminate unnecessary pump cycle
- Auto/manual operation
- Pump on & pump fault indication
- Automatic alternation of lead pump. This will ensure equal run time of all pumps.
- At the heart of the control panel is a PLC with (HMI) display to programme the **AQUAPACK** hydro-pneumatic system as per the site requirement.

Applications

Pressure Boosting in :

- Water works
- Block of Flats
- Hotels
- Industries
- Hospitals
- Schools
- Irrigation

Auto Boost Pumps Home Booster Pumps



MAB-01



MH-201/205



LPD-90



LPD-120

Features

- Compact to install in low space
- Constant pressure at any time
- In-built dry run protection
- Indications of Pump on/off/reset
- Simple plug-in installation

Technical Specifications

- Input voltage : 220-240V
- Frequency : 50-60Hz
- Max. Amps : 10A
- Protection rating : IP65
- Max. working temperature : 60°C
- Connection : 1" BSP male

Applications

- Pressure boosting of water in flats/apartments/bungalows
- Gardening
- Car washing

Performance Table

SYSTEM MODEL	KW (HP)	PUMP MODEL	SUCTION SIZE MM (INCH)	DISCHARGE SIZE MM (INCH)	AUTO BOOST MODEL	TYPE OF AUTO BOOST	SETTING RANGE kg/cm ²	MAX. CAP. LIT / HR	APPROXIMATE SUITABLE FOR
MAB 01	0.37 (0.5)	PCJ - 051CC	25 (1)	25 (1)	ABPC05	IN LINE	1.5 to 3.4	3250	1 BATHROOM
MH 201	0.55 (0.75)	MH2 - 40	25 (1)	25 (1)	ABPC05	IN LINE	1.8 to 3.0	3300	1 to 2 BATHROOM
MH 205	0.75 (1.0)	MH2 - 50	25 (1)	25 (1)	ABPC05	IN LINE	2.1 to 3.7	3300	2 to 3 BATHROOM

Model	Rated Flow Q(m ³ /h)	Rated Head H(m)	Power P(W)	Current In(A)	Voltage (V)	Frequency (Hz)	Pipe Size (inch)	Weight (kg)
LPD 90	0.5	7.5	120	0.5	220	50	1/2" x 1/2"	2.5
LPD 120	1.25	10	300	1.2	220	50	3/4" x 3/4"	6.3

Features

- Completely Automatic
- No Leakage
- Silent Operation
- Long Lasting
- Quick to operate
- Excellent performance and Economy
- Increased Comfort

Technical Specifications

- Power Range : 120w (LPD 90) & 300w (LPD 120)
- Ambient Temperature : upto 45°C
- Pumped Liquid Temperature : 2°C + 110°C
- Cable Length : 1.5 M.

Material of Construction

- Pump Body : Cast Iron
- Impeller : Plastic
- Shaft : Stainless Steel or Ceramic
- Bearings : Graphite

Applications

- Boosting of hot & cold water
- Hot water circulation

Home Pressure Booster System



LHP



MH



LMF

LUBI HOME WATER PRESSURE SYSTEM SELECTION CHART

“LUBI” LHP SERIES

[1 Bath Heavy] - [Cast Iron Pump with Noryl Impeller]

SYSTEM MODEL	KW	HP	PUMP MODEL	SUCTION SIZE MM (INCH)	DISCHARGE SIZE MM (INCH)	TANK MODEL	TYPE OF TANK	TANK CAP. LITRES	DRAW DOWN CAPACITY LITRES	PRESSURE SETTING RANGE kg/cm ²	MAX. CAP. LIT / HR	APPROXIMATE SUITABLE FOR
LHP 1A	0.37	0.5	PCJ - 051CC	25 (1)	25 (1)	LHI - 24	IN LINE	24	9	1.4 to 3.4	3250	2 BATHROOMS
LHP 2A	0.37	0.5	PCJ - 051CC	25 (1)	25 (1)	LHI - 35	IN LINE	35	13	1.4 to 3.4	3250	4 BATHROOMS
LHP 3A	0.75	1.0	PCJ - 101CC	25 (1)	25 (1)	LHI - 24	IN LINE	24	9	2.1 to 3.9	4000	4 BATHROOMS
LHP 3B	0.75	1.0	PCJ - 101CC	25 (1)	25 (1)	LHI - 35	IN LINE	35	13	2.1 to 3.9	4000	5 BATHROOMS
LHP 4A	0.75	1.0	PCJ - 101CC	25 (1)	25 (1)	LHH - 60	HORIZONTAL	60	20	2.1 to 3.9	4000	6 BATHROOMS

“LUBI” MH2 SERIES

[1 Bath Heavy] - [S.S. Pump with S.S. Impeller]

SYSTEM MODEL	KW	HP	PUMP MODEL	SUCTION SIZE MM (INCH)	DISCHARGE SIZE MM (INCH)	TANK MODEL	TYPE OF TANK	TANK CAP. LITRES	DRAW DOWN CAPACITY LITRES	PRESSURE SETTING RANGE kg/cm ²	MAX. CAP. LIT / HR	APPROXIMATE SUITABLE FOR
MH2-1A	0.55	0.75	MH2 - 40	25 (1)	25 (1)	LHI - 24	IN LINE	24	9	1.8 to 3.0	3300	1 to 2 BATHROOMS
MH2-2A	0.75	1.0	MH2 - 50	25 (1)	25 (1)	LHI - 24	IN LINE	24	9	2.1 to 3.7	3300	2 BATHROOMS
MH2-3A	0.75	1.0	MH2 - 50	25 (1)	25 (1)	LHI - 35	IN LINE	35	13	2.1 to 3.7	3300	2 to 3 BATHROOMS
MH2-4A	0.75	1.0	MH2 - 50	25 (1)	25 (1)	LHH - 60	HORIZONTAL	60	20	2.1 to 3.7	3300	3 BATHROOMS
MH2-7B	0.75	1.0	MH2 - 60	25 (1)	25 (1)	LHI - 24	IN LINE	24	9	2.5 to 4.5	3600	3 BATHROOMS
MH2-7A	0.75	1.0	MH2 - 60	25 (1)	25 (1)	LHI - 35	IN LINE	35	13	2.5 to 4.5	3600	4 to 5 BATHROOMS
MH2-8A	0.75	1.0	MH2 - 60	25 (1)	25 (1)	LHH - 60	HORIZONTAL	60	20	2.5 to 4.5	3600	4 to 5 BATHROOMS
MH2-9A	0.75	1.0	MH2 - 60	25 (1)	25 (1)	LHV - 100	VERTICAL	100	36	2.5 to 4.5	3600	5 BATHROOMS

“LUBI” MH4 SERIES

[2 Bath Heavy Only By Shower] - [S.S. Pump with S.S. Impeller]

SYSTEM MODEL	KW	HP	PUMP MODEL	SUCTION SIZE MM (INCH)	DISCHARGE SIZE MM (INCH)	TANK MODEL	TYPE OF TANK	TANK CAP. LITRES	DRAW DOWN CAPACITY LITRES	PRESSURE SETTING RANGE kg/cm ²	MAX. CAP. LIT / HR	APPROXIMATE SUITABLE FOR
MH 1A	0.55	0.75	MH4 - 30	32 (1.25)	25 (1)	LHI - 24	IN LINE	24	9	1.2 to 2.2	7500	2 BATHROOMS
MH 2A	0.75	1.0	MH4 - 40	32 (1.25)	25 (1)	LHI - 24	IN LINE	24	9	1.4 to 2.8	7500	3 BATHROOMS
MH 3A	0.75	1.0	MH4 - 40	32 (1.25)	25 (1)	LHI - 35	IN LINE	35	13	1.4 to 2.8	7500	4 BATHROOMS
MH 4A	0.75	1.0	MH4 - 40	32 (1.25)	25 (1)	LHH - 60	HORIZONTAL	60	20	1.4 to 2.8	7500	5 BATHROOMS
MH4-5B	0.95	1.25	MH4 - 50	32 (1.25)	25 (1)	LHI - 24	IN LINE	24	9	1.6 to 3.5	7500	4 BATHROOMS
MH 5A	0.95	1.25	MH4 - 50	32 (1.25)	25 (1)	LHH - 60	HORIZONTAL	60	20	1.6 to 3.5	7500	7 BATHROOMS
MH 9B	1.10	1.5	MH4 - 60	32 (1.25)	25 (1)	LHI - 24	IN LINE	24	9	2.0 to 4.0	7500	4 to 5 BATHROOMS
MH4-7B	1.10	1.5	MH4 - 60	32 (1.25)	25 (1)	LHI - 35	IN LINE	35	13	2.0 to 4.0	7500	5 to 6 BATHROOMS
MH 7A	1.10	1.5	MH4 - 60	32 (1.25)	25 (1)	LHH - 60	HORIZONTAL	60	20	2.0 to 4.0	7500	8 BATHROOMS
MH 9A	1.10	1.5	MH4 - 60	32 (1.25)	25 (1)	LHV - 100	VERTICAL	100	36	2.0 to 4.0	7500	12 BATHROOMS

“LUBI” LMF SERIES

[2 Bath Heavy] - [S.S. Pump with Noryl Impeller]

SYSTEM MODEL	KW	HP	PUMP MODEL	SUCTION SIZE MM (INCH)	DISCHARGE SIZE MM (INCH)	TANK MODEL	TYPE OF TANK	TANK CAP. LITRES	DRAW DOWN CAPACITY LITRES	PRESSURE SETTING RANGE kg/cm ²	MAX. CAP. LIT / HR	APPROXIMATE SUITABLE FOR
LMF 1A	0.75	1.0	MFHC - 101DD	32 (1.25)	32 (1.25)	LHI - 24	IN LINE	24	9	2.0 to 3.9	7500	3 BATHROOMS
LMF 2A	0.75	1.0	MFHC - 101DD	32 (1.25)	32 (1.25)	LHI - 35	IN LINE	35	13	2.0 to 3.9	7500	5 BATHROOMS
LMF 3A	0.75	1.0	MFHC - 101DD	32 (1.25)	32 (1.25)	LHH - 60	HORIZONTAL	60	20	2.0 to 3.9	7500	6 BATHROOMS
LMF 4A	1.10	1.5	MFHC - 151DD	32 (1.25)	32 (1.25)	LHI - 35	IN LINE	35	13	2.4 to 4.8	8700	6 BATHROOMS
LMF 5A	1.10	1.5	MFHC - 151DD	32 (1.25)	32 (1.25)	LHH - 60	HORIZONTAL	60	20	2.4 to 4.8	8700	7 BATHROOMS
LMF 6B	1.10	1.5	MFHC - 151DD	32 (1.25)	32 (1.25)	LHV - 100	VERTICAL	100	36	2.4 to 4.8	8700	10 BATHROOMS
LMF 7A	1.50	2.0	MFHC - 201DD	32 (1.25)	32 (1.25)	LHH - 60	HORIZONTAL	60	20	2.8 to 5.6	9900	8 BATHROOMS
LMF 8B	1.50	2.0	MFHC - 201DD	32 (1.25)	32 (1.25)	LHV - 100	VERTICAL	100	36	2.8 to 5.6	9900	12 BATHROOMS



TBMH



TBMFHC

Introduction

TBMH twin Booster set consist of two identical Lubi TBMH Pumps connected in parallel and mounted on a common base plate with a control cabinet for automatic control and protection of the booster system. The Booster System is available in the following version of pumps:

TBMH:

- Pump stages as well as all moving parts in in contact with liquid are made of stainless steel AISI 304.
- Suction and Discharge casing are Cast Iron; Base plate is made of Steel.

TBMHI:

- Same as TBMH, but Suction and Discharge casing are made of stainless steel 304 (CF8).

TBMHN:

- Same as TBMH, but Suction and Discharge casing are made of stainless steel 316 (CF8M).

TBMFHC:

TBMFHC twin Booster set consist of two identical Lubi MFHC Pumps connected in parallel and mounted on a common base plate with a control cabinet for automatic control and protection of the booster system. Pump stages as well as all moving parts in in contact with liquid are made of glass rain forced Noryl. Suction and Discharge casing are Cast Iron.

Special Features

- Non self-priming, Horizontal, Multistage Centrifugal Pump.
- Enclosure Class: IP 54 • Insulation Class: F • Quiet Operation
- The base plate and header pipes are hot dip galvanized for superior corrosion prevention.
- All Pumps made of cast iron or Steel are CED coated to give excellent corrosion resistance.
- The entire system is compact and mounted on a common base plate.
- The System is factory assembled and tested and is supplied with Hydro-Pneumatic pressure tank.
- One working and one standby pump operation provide a reliable supply of water in event of pump failure.
- Automatic alteration of pumps provide equal running of working as well as standby pump.
- The Pump are protected against dry running by the controller by using a current sensing relay.
- Automatic Start / Stop up to 100 times per hour will not result in to pump burnout.
- Automatic cascade controls of pumps by means of pressure switches provide additional capacity during peak hour consumption.

Material of Construction

	TBMH	TBMHI	TBMHN
Suction Casing	C.I. ASTM 30B	S.S. 304(CF8)	S.S. 316(CF8M)
Discharge casing	C.I. ASTM 30B	S.S. 304(CF8)	S.S. 316(CF8M)
Impeller	S.S. 304	S.S. 304	S.S. 316
Stage casing	S.S. 304	S.S. 304	S.S. 316
Pump shaft	S.S. 304	S.S. 304	S.S. 316
Mechanical shaft seal	Carbon / Ceramic / NBR		

TBMFHC

Suction & Discharge Casings	Cast Iron
Pump Jacket	Stainless Steel
Bowl Casing	Glass rainforces PPO (Noryl)
Impeller	Glass rainforces PPO (Noryl)
Mechanical seal	Carbon / Ceramic / NBR
Pump shaft	Stainless Steel

Twin System Includes

- Suction and discharge manifolds.
- Isolating valves.
- Non - return valves.
- Pressure gauge.
- Pressure switch.
- Controller.
- Base frame.

Applications

- Large houses
- Domestic buildings
- Schools
- Industrial Plants
- Cottages and villas
- Hotels & Hospitals
- Liquid Transfer and Sprinkler Irrigation.

Twin Booster Systems



PERFORMANCE CHART

SYSTEM MODEL	PHASE	PUMP MODEL	HP	PRESSURE RANGE	CAPACITY LPH @ 3 BAR PRESSURE
TBMH2-40	1	MH2-40	0.75	1.8 to 3.0	4000
TBMHT2-40	3	MH2-40	0.75	1.8 to 3.0	4000
TBMH2-50	1	MH2-50	1.0	2.1 to 3.7	5500
TBMHT2-50	3	MH2-50	1.0	2.1 to 3.7	5500
TBMH2-60	1	MH2-60	1.0	2.5 to 4.5	6500
TBMHT2-60	3	MH2-60	1.0	2.5 to 4.5	6500
TBMHI2-40	1	MHI2-40	0.75	1.8 to 3.0	4000
TBMHIT2-40	3	MHI2-40	0.75	1.8 to 3.0	4000
TBMHI2-50	1	MHI2-50	1.0	2.1 to 3.7	5500
TBMHIT2-50	3	MHI2-50	1.0	2.1 to 3.7	5500
TBMHI2-60	1	MHI2-60	1.0	2.5 to 4.5	6500
TBMHIT2-60	3	MHI2-60	1.0	2.5 to 4.5	6500
TBMHN2-40	1	MHN2-40	0.75	1.8 to 3.0	4000
TBMHNT2-40	3	MHN2-40	0.75	1.8 to 3.0	4000
TBMHN2-50	1	MHN2-50	1.0	2.1 to 3.7	5500
TBMHNT2-50	3	MHN2-50	1.0	2.1 to 3.7	5500
TBMHN2-60	1	MHN2-60	1.0	2.5 to 4.5	6500
TBMHNT2-60	3	MHN2-60	1.0	2.5 to 4.5	6500
TBMH4-50	1	MH4-50	1.2	1.6 to 3.5	9900
TBMHT4-50	3	MH4-50	1.2	1.6 to 3.5	9900
TBMH4-60	1	MH4-60	1.5	2.0 to 4.0	10500
TBMHT4-60	3	MH4-60	1.5	2.0 to 4.0	10500
TBMHI4-50	1	MHI4-50	1.2	1.6 to 3.5	9900
TBMHIT4-50	3	MHI4-50	1.2	1.6 to 3.5	9900
TBMHI4-60	1	MHI4-60	1.5	2.0 to 4.0	10500
TBMHIT4-60	3	MHI4-60	1.5	2.0 to 4.0	10500
TBMHN4-50	1	MHN4-50	1.2	1.6 to 3.5	9900
TBMHNT4-50	3	MHN4-50	1.2	1.6 to 3.5	9900
TBMHN4-60	1	MHN4-60	1.5	2.0 to 4.0	10500
TBMHNT4-60	3	MHN4-60	1.5	2.0 to 4.0	10500
TBMFHC101DD	1	MFHC-101DD	1.0	2.0 to 3.9	9000
TBMFHCT101DD	3	MFHC-101DD	1.0	2.0 to 3.9	9000
TBMFHC151DD	1	MFHC-151DD	1.5	2.4 to 4.8	14000
TBMFHCT151DD	3	MFHC-151DD	1.5	2.4 to 4.8	14000
TBMFHC201DD	1	MFHC-201DD	2.0	2.8 to 5.6	16000
TBMFHCT201DD	3	MFHC-201DD	2.0	2.8 to 5.6	16000

SYSTEM MODEL	PHASE	PUMP MODEL	HP	PRESSURE RANGE	CAPACITY LPH
TBMHT10-20	3	MH10-20	1.5	1.4 to 2.8	24000 @ 2.1 KG
TBMHT10-30	3	MH10-30	3.0	2.0 to 4.2	24000 @ 3.3 KG
TBMHT10-40	3	MH10-40	5.0	3.0 to 5.5	24000 @ 4.5 KG
TBMHT10-50	3	MH10-50	5.0	4.0 to 7.0	24000 @ 5.7 KG
TBMHIT10-20	3	MHI10-20	1.5	1.4 to 2.8	24000 @ 2.1 KG
TBMHIT10-30	3	MHI10-30	3.0	2.0 to 4.2	24000 @ 3.3 KG
TBMHIT10-40	3	MHI10-40	5.0	3.0 to 5.5	24000 @ 4.5 KG
TBMHIT10-50	3	MHI10-50	5.0	4.0 to 7.0	24000 @ 5.7 KG
TBMHNT10-20	3	MHN10-20	1.5	1.4 to 2.8	24000 @ 2.1 KG
TBMHNT10-30	3	MHN10-30	3.0	2.0 to 4.2	24000 @ 3.3 KG
TBMHNT10-40	3	MHN10-40	5.0	3.0 to 5.5	24000 @ 4.5 KG
TBMHNT10-50	3	MHN10-50	5.0	4.0 to 7.0	24000 @ 5.7 KG



Features (Oil Filled Motor)

- Motors are designed using enamelled copper wire instead of PVC insulated copper wire. Due to this the design is highly efficient reducing power consumption & thereby reducing cost of operation.
- The motors are filled with special food non-toxic dielectric oil, which lubricates the ball bearing and axial thrust bearings. It also offers insulation and thermal properties which increases the reliability & working life of the motor.
- Outer casing of the motor is constructed completely with Stainless Steel, which reduces corrosion and gives a good overall appearance to the motor.
- The motors are compact and weigh substantially less, which facilitates transportation storage & Installation.
- The electric cable of the motor constitutes three-wire removable cable with waterproof connector. This facilitates the changing of the cable, if required, without dismantling the motor.
- The motor are permanently split capacitor motors, which do not require the starting capacitor. Due to this the cost of the control box reduces substantially, thereby reducing the cost of installation.
- The motor are designed for a wide voltage range of operation and are suitable for installation in areas experiencing wide voltage fluctuations.
- All rotating components and assemblies are dynamically balanced to ensure long bearing life and vibration free smooth operation.
- The Pumpsets are compact and slim and can be easily installed in narrow wells.

Material of Construction

- Motor Body** : Stainless Steel
- Stator** : Vacuum Impregnated with class F insulation
- Rotor** : Aluminium pressure die-cast.
- Winding** : Enamelled copper wire with class F insulation
- Cable Sealing** : Designed so that no borewell water with sand can enter the motor.
- Arrangement**
- Bearing** : Heavy duty angular contact bearing / ball bearing
- Diaphragm** : Adequately sized to accommodate pressure difference of oil inside the motor and prevent loss of oil
- Impeller** : High quality abrasion resistant Noryl & dynamically balanced.
- Bowl** : High grade Noryl
- Wear Rings** : High quality abrasion resistant P. U.
- Shaft** : Stainless Steel of adequate diameter to ensure rigidity and ground to close tolerances.
- Suction Casing** : Provided with perforated Stainless Steel Strainer and adequately sizes to allow the water to be sucked in with minimum friction.
- Seal** : Mechanical Seal

Applications

- Water Supply
- Fire Fighting
- Civil and Industrial
- Irrigation

Borewell Submersible Pumpsets

80 mm



80 mm DIA. Borewell (76 mm Max. Diameter)



LGS/LUS-51H, 52H Outlet size 32 mm (1-1/4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.					
				0	38	45	55	63	78
				Head in Meters					
LUS-51H	8	0.37	0.50	23	20	18	16	13	8
LUS-51H	10	0.37	0.50	29	25	23	20	17	10
LGS/LUS-51H	15	0.55	0.75	44	38	35	30	25	15
LGS/LUS-51H	20	0.75	1.00	56	48	45	38	31	20
LGS/LUS-52H	12	0.75	1.00	38	30	28	24	20	12
LGS/LUS-52H	15	0.75	1.00	44	38	35	30	25	15
LUS-51H	26	0.93	1.25	72	56	52	44	38	24
LUS-51H	32	1.10	1.50	85	67	64	55	47	29

LGS/LUS-75 Outlet size 32 mm (1-1/4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.					
				0	38	55	63	78	100
				Head in Meters					
LGS-75	8	0.55	0.75	36	29	26	24	20	8
LGS/LUS-75	10	0.75	1.00	46	36	33	31	25	10
LGS/LUS-75	12	0.75	1.00	55	43	40	37	30	12

LGS-76 Outlet size 32 mm (1-1/4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.				
				0	38	55	63	78
				Head in Meters				
LGS-76	17	0.75	1.00	76	53	37	26	1
LGS-76	20	0.75	1.00	90	63	44	31	2

LUS-80 Outlet size 32 mm (1-1/4") n=2600 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.					
				18	24	28	36	44	48
				Head in Meters					
LUS-80	17	0.75	1.00	63	58	52	42	28	18
LUS-80	20	0.75	1.00	75	68	62	50	33	22
LUS-80	24	1.10	1.50	90	81	74	60	40	26

Note :

- LUS - Oil filled motor
- LGS - Water filled motor.
- Please select pumps in the range of discharge shown in bold figure.

Borewell Submersible Pumpsets

100 mm



100 mm DIA. Borewell (91 mm Max. Diameter)

SLIM PUMPSET LFS SERIES

LFS-04

Outlet size 25 mm. (1")

n = 2880 rpm

Pump Type 1Ph	Stage	K.W.	H.P.	Discharge in L.P.M.					
				40	35	30	25	17	10
				Head in Metres					
LFS-04	12	0.37	0.50	26	34	39	43	49	50
LFS-04	18	0.55	0.75	38	51	59	64	73	74
LFS-04	24	0.75	1.00	51	68	79	85	98	99
LFS-04	30	0.93	1.25	64	86	98	107	122	124
LFS-04	35	1.10	1.50	75	100	115	125	143	145

LFS-06

Outlet size 25 mm. (1")

n = 2880 rpm

Pump Type 1Ph	Stage	K.W.	H.P.	Discharge in L.P.M.					
				70	60	55	50	40	27
				Head in Metres					
LFS-06	8	0.37	0.50	8	16	21	25	32	35
LFS-06	12	0.55	0.75	12	24	32	37	48	52
LFS-06	16	0.75	1.00	16	33	43	50	64	70
LFS-06	20	0.93	1.25	20	41	54	62	80	87
LFS-06	24	1.10	1.50	24	49	65	75	96	105

Borewell Submersible Pumpsets

100 mm (4") with Oil Filled Motor



Description

Lubi has designed and developed the latest technology rewindable oil filled submersible motors for its 4" submersible pumpsets. Following are the salient features of these motors.

Salient Features

- Motors are designed using enamelled copper wire instead of PVC insulated copper wire. Due to this the design is highly efficient reducing power consumption & thereby reducing cost of operation.
 - The motors are filled with special food non-toxic dielectric oil, which lubricates the ball bearing and axial thrust bearings. It also offers insulation and thermal properties which increases the reliability & working life of the motor.
 - Outer casing of the motor is constructed completely with Stainless Steel, which reduces corrosion and gives a good overall appearance to the motor.
 - The motors are compact and weigh substantially less, which facilitates transportation storage & installation.
 - The electric cable of the motor constitutes three-wire removable cable with watertight connector. This facilitates the changing of the cable, if required, without dismantling the motor
 - The motor are permanently split capacitor motors, which do not require the starting capacitor or a starting switch. Due to this the cost of the control box reduces substantially, thereby reducing the cost of installation.
 - The motor are designed for a wide voltage range of operation and are suitable for installation in areas experiencing wide voltage fluctuations.
 - All rotating components and assemblies are dynamically balanced to ensure long bearing life and vibration free smooth operation.
- The Pumpsets are compact and slim and can be easily installed in narrow wells.

Material of Construction

Motor Body	: Stainless Steel
Stator	: Vacuum Impregnated with class F insulation
Rotor	: Aluminum pressure die-cast / Copper Rotor
Windings	: Enamelled copper wire with class F insulation
Cable Sealing Arrangement	: Designed so that no bore well water with sand can enter the motor.
Bearing	: Heavy duty angular contact bearing / ball bearing
Pressure Equalizing Diaphragm	: Adequately sized to accommodate expansion of oil inside the motor and prevent loss of oil
Impeller	: High quality abrasion resistant Noryl / Stainless Steel & dynamically balanced.
Bowl	: High grade Noryl / Cast Iron
Wear Rings	: High quality abrasion resistant P.U. / Rubber
Shaft	: Stainless Steel of adequate diameter to ensure rigidity and ground to close tolerances.
Suction Casing	: Provided with perforated Stainless Steel Strainer and adequately sizes to allow the water to be sucked in with minimum friction.
Seal	: Mechanical Seal

Applications

- Water Supply
- Fire Fighting
- Civil and Industrial
- Irrigation

* SELECTED MODELS ONLY

Borewell Submersible Pumpsets

100 mm (4") with Water Filled Motor



Description

Lubi submersible pumpsets are manufactured as per IS : 8034 with strict quality control for year of efficient & reliable operation.

Salient Features

- All components are manufactured from materials as per Indian Standard Specifications. They are precisely machined on modern machines, Including CNC machines to give you years of reliable operation.
- Motors are designed to operate .under large voltage fluctuations.
- Motors have well designed sleeve and thrust bearings for longer life.
- Motor Stator & Rotor are vacuum impregnated and woperly coated to ensure corrosion resistance.
- High operating efficiencies of pumpset result into high water discharge rate and lower power consumption.
- All rotating components and assemblies are dynamically balanced to ensure long bearing life and vibration free smooth operation.
- The Pumpsets are compact and slim and can be easily installed in narrow wells.

Material of Construction

Motor Body	: Stainless Steel
Stator	: Vacuum Impregnated and epoxy coated for corrosion resistance. Thick end laminations are provided to protect motor windings.
Rotor	: Sand blasting and coated with polyurethane paint for corrosion resistance & dynamically balanced for vibration free smooth operation.
Windings	: PVC / Polyester insulated, water cooled
Journal Bearings	: Leaded Bronze and Stainless Steel, Water Lubricated, having high load bearing capacity.
Thrust Bearings	: Special self-aligning and water lubricated to withstand high axial thrust loads.
Pressure Equalizing Diaphragm	: Adequately sized to accommodate expansion of water inside the motor and prevent loss of cooling water.
Impeller	: High quality abrasion resistant Noryl / Stainless Steel & dynamically balanced.
Bowl	: High grade Noryl / Cast Iron
Wear Rings	: High quality abrasion resistant P.U. / Rubber
Shaft	: Stainless Steel of adequate diameter to ensure rigidity and ground to close tolerances.
Suction Casing	: Provided with perforated Stainless Steel Strainer and adequately sized to allow the water to be sucked in with minimum friction.
Cable Sealing Arrangement	: Designed so that no borewell water with sand can enter the motor.

Applications

- Water Supply
- Fire Fighting
- Civil and Industrial
- Irrigation

* SELECTED MODELS ONLY

Borewell Submersible Pumpsets

100 mm (4")



4" Submersible pumpsets for 100 mm. DIA. Borewell. (96 mm. Max. Diameter)

LDT-4A, LDS-4A, LKT-4A, LRS-4A

Outlet size 32 mm. (1 1/4")

n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.					
				10	15	23	28	34	40
				Head in Metres					
LRS-4A / LDS-4A	10	0.37	0.50	51	49	45	40	33	24
LRS-4A / LDS-4A	12	0.37	0.50	63	60	54	48	39	28
LRS-4A / LDS-4A	15	0.55	0.75	78	75	67	60	49	36
LRS-4A / LDS-4A	18	0.55	0.75	94	90	81	73	58	43
LRS-4A / LDS-4A	20	0.75	1.00	110	104	92	81	65	48
LRS-4A / LDS-4A	24	0.75	1.00	128	121	108	97	79	57
LRS-4A / LDS-4A	30	1.10	1.50	157	150	135	121	97	72
LRS-4A / LDS-4A	34	1.10	1.50	180	172	153	136	110	81
LRS-4A / LDS-4A	40	1.50	2.00	211	202	181	163	131	96
LRS-4A / LDS-4A	46	1.50	2.00	242	230	207	186	150	110
LRS-4A / LDS-4A	50	1.50	2.00	263	250	225	202	163	120

LDS-6B

Outlet size 32 mm. (1 1/4")

n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.					
				15	20	25	30	35	40
				Head in Metres					
LDS-6B	6	0.37	0.50	36	34	31	26	21	15
LDS-6B	8	0.37	0.50	41	38	35	31	28	19

LRS-6H

Outlet size 32 mm. (1 1/4")

n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				8	11	14	22	30	37	41	47
				Head in Metres							
LRS-6H	14	0.75	1.00	87	83	80	70	56	45	28	16
LRS-6H	16	0.75	1.00	99	95	91	80	64	51	32	18

LRS-5A

Outlet size 32 mm (1 1/4")

n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.					
				10	18	26	34	40	50
				Head in Metres					
LRS-5A	10	0.37	0.50	64	56	50	42	30	7
LRS-5A	18	0.75	1.00	115	101	91	76	53	13
LRS-5A	27	1.10	1.50	172	152	136	114	80	20
LRS-5A	34	1.50	2.00	216	191	171	144	101	25

LKT-7

Outlet size 32 mm. (1 1/4")

n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.									
				28	35	42	48	55	60	72	85	90	
				Head in Metres									
LKT-7	45	3.00	4.00	302	288	262	225	193	166	115	51	19	
LKT-7	50	3.70	5.00	340	325	295	254	217	187	129	58	23	
LKT-7	60	4.40	6.00	408	390	355	305	260	225	155	70	28	

LDT-6A, LDS-6A, LKT-6A, LRS-6A

Outlet size 32 mm. (1 1/4")

n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				8	18	26	35	43	46	52	58
				Head in Metres							
LRS-6A / LDS-6A	8	0.37	0.50	53	50	45	40	32	26	16	9
LRS-6A / LDS-6A	12	0.55	0.75	79	74	68	60	48	38	24	14
LRS-6A / LDS-6A	14	0.75	1.00	93	87	80	70	56	44	28	16
LRS-6A / LDS-6A	16	0.75	1.00	106	99	91	80	64	51	32	18
LRS-6A / LDS-6A	18	1.10	1.50	119	112	103	90	72	57	36	20
LRS-6A / LDS-6A	20	1.10	1.50	133	124	114	100	80	64	40	23
LRS-6A / LDS-6A	24	1.50	2.00	159	149	137	120	96	76	48	27
LRS-6A / LDS-6A	28	1.50	2.00	186	174	160	140	112	89	56	32
LRS-6A / LDS-6A	30	1.50	2.00	200	187	172	150	120	96	60	35
LRS-6A / LDS-6A	40	2.20	3.00	266	249	229	200	160	128	80	46
LRS-6A / LDS-6A	56	3.70	5.00	400	370	335	260	205	180	155	130

LRS-7

Outlet size 32 mm. (1 1/4")

n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.					
				18	28	48	60	72	80
				Head in Metres					
LRS-7	36	2.20	3.00	275	252	180	120	60	20

Note :

- LDS & LDT - Oil filled motor.
- LKT & LRS - Water filled motor.
- Performance of LKT / LDT is same as LRS / LDS.
- All pumps with * are ISI marked.
- LRS - series is also available in 5.0 HP.
- T - Three phase, S - Single phase.
- Please select pumps in the range of discharge shown in bold figure.

Borewell Submersible Pumpsets

100 mm (4")



4" Submersible pumpsets for 100 mm. DIA. Borewell. (96 mm. Max. Diameter)

LDT-8H, LDS-8H, LKT-8H, LRS-8H

Outlet size 32 mm. (1 1/4")

n = 2880 rpm

Pump Type 3Ph / 1Ph	Stage	K.W.	H.P.	Discharge in L.P.M.					
				28	48	60	72	85	100
				Head in Metres					
LRS-8H / LDS-8H	6	0.37	0.50	40	33	30	27	21	11
LRS-8H / LDS-8H	8	0.55	0.75	53	44	40	36	28	15
LRS-8H / LDS-8H	11	0.75	1.00	73	60	55	49	38	21
LRS-8H / LDS-8H	12	1.10	1.50	79	66	60	54	42	22
LRS-8H / LDS-8H	14	1.10	1.50	93	77	70	63	49	26
LRS-8H / LDS-8H	16	1.10	1.50	106	88	81	72	56	31
LRS-8H / LDS-8H	18	1.10	1.50	118	98	90	80	63	33
LRS-8H / LDS-8H	19	1.50	2.00	125	104	95	85	66	36
LRS-8H / LDS-8H	21	1.50	2.00	139	115	105	94	73	40
LRS-8H / LDS-8H	24	1.50	2.00	158	131	120	107	83	45
LRS-8H / LDS-8H	28	2.20	3.00	185	154	140	126	98	53
LRS-8H / LDS-8H	32	2.20	3.00	212	176	160	144	112	60

LDT-12, LDS-12, LKT-12, LRS-12

Outlet size 32 mm. (1 1/4")

n = 2880 rpm

Pump Type 3Ph / 1Ph	Stage	K.W.	H.P.	Discharge in L.P.M.				
				40	52	68	85	102
				Head in Metres				
LRS-12 / LDS-12 *	4	0.37	0.50	24	22	20	17	12
LRS-12 / LDS-12 *	6	0.55	0.75	35	34	30	25	18
LRS-12 / LDS-12 *	8	0.75	1.00	47	45	40	34	24
LRS-12 / LDS-12	10	0.75	1.00	59	56	50	41	30
LRS-12 / LDS-12 *	12	1.10	1.50	70	68	60	50	36
LRS-12 / LDS-12 *	16	1.50	2.00	94	89	79	66	48
LRS-12 / LDS-12 *	20	2.20	3.00	118	111	98	83	60
LRS-12 / LDS-12 *	24	2.20	3.00	141	132	117	99	72
LRS-12 / LDS-12	28	3.00	4.00	165	154	137	116	84
LRS-12 / LDS-12	32	3.00	4.00	189	157	157	132	96
LRS-12 / LDS-12	36	3.70	5.00	212	202	178	149	108
LRS-12 / LDS-12	40	3.70	5.00	236	225	198	165	120
LRS-12 / LDS-12	45	4.40	6.00	265	254	225	186	135
LRS-12 / LDS-12	50	4.40	6.00	295	280	248	206	150

LDT-10H, LDS-10H, LKT-10H, LRS-10H

Outlet size 32 mm. (1 1/4")

n = 2880 rpm

Pump Type 3Ph / 1Ph	Stage	K.W.	H.P.	Discharge in L.P.M.					
				28	48	60	72	85	100
				Head in Metres					
LRS-10H / LDS-10H	5	0.37	0.50	33	27	25	22	17	9
LRS-10H / LDS-10H	7	0.55	0.75	46	39	35	31	24	13
LRS-10H / LDS-10H	10	0.75	1.00	66	55	50	45	35	18
LRS-10H / LDS-10H	12	1.10	1.50	80	66	60	54	42	22
LRS-10H / LDS-10H	14	1.10	1.50	93	77	70	63	49	26
LRS-10H / LDS-10H	16	1.50	2.00	106	88	81	72	56	31
LRS-10H / LDS-10H	18	1.50	2.00	120	99	90	81	63	33
LRS-10H / LDS-10H	26	2.20	3.00	173	143	130	117	91	47
LRS-10H / LDS-10H	30	2.20	3.00	200	165	150	135	105	55
LKT-10H / LDT-10H	32	3.00	4.00	212	176	160	144	112	60
LKT-10H / LDT-10H	38	3.00	4.00	253	209	190	171	133	69
LKT-10H / LDT-10H	40	3.70	5.00	266	220	200	180	140	73
LKT-10H / LDT-10H	48	3.70	5.00	319	264	240	216	168	88
LKT-10H / LDT-10H	52	4.40	6.00	346	286	260	234	182	95
LKT-10H / LDT-10H	56	4.40	6.00	372	308	280	252	196	102

LDT-15A, LDS-15A, LKT-15A, LRS-15A

Outlet size 38 mm. (1 1/2")

n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.					
				45	60	80	100	120	140
				Head in Metres					
LRS-15A / LDS-15A	5	0.55	0.75	28	27	25	21	16	10
LRS-15A / LDS-15A	7	0.75	1.00	41	39	35	30	23	14
LRS-15A / LDS-15A	10	1.10	1.50	58	55	50	43	33	20
LRS-15A / LDS-15A	12	1.50	2.00	73	69	61	51	39	24
LRS-15A / LDS-15A	14	1.50	2.00	89	82	71	59	46	28
LRS-15A / LDS-15A	18	2.20	3.00	108	100	89	75	59	36
LRS-15A / LDS-15A	20	2.20	3.00	124	115	102	85	66	40
LKT-15A / LDT-15A	24	3.00	4.00	144	135	120	101	79	48
LKT-15A / LDT-15A	26	3.00	4.00	161	148	131	110	85	52
LKT-15A / LDT-15A	28	3.70	5.00	178	163	142	120	92	56
LKT-15A / LDT-15A	32	3.70	5.00	200	185	163	137	105	64
LKT-15A / LDT-15A	36	4.40	6.00	222	206	183	155	118	72
LKT-15A / LDT-15A	40	4.40	6.00	245	228	202	172	132	80
LKT-15A / LDT-15A	54	5.50	7.5	290	273	240	200	170	120

Note :

- LDS & LDT - Oil filled motor.
- LKT & LRS - Water filled motor.
- Performance of LKT / LDT is same as LRS / LDS.
- All pumps with * are ISI marked.
- LRS - series is also available in 5.0 HP.
- T - Three phase, S - Single phase.
- Please select pumps in the range of discharge shown in bold figure.

Borewell Submersible Pumpsets

100 mm (4")



4" Submersible pumpsets for 100 mm. DIA. Borewell. (96 mm. Max. Diameter)

LDT-15H, LDS-15H, LKT-15H, LRS-15H
Outlet size 32 mm. (1¼") n = 2880 rpm

Pump Type 3Ph / 1Ph	Stage	K.W.	H.P.	Discharge in L.P.M.					
				25	40	55	70	85	100
				Head in Metres					
LRS-15H / LDS-15H *	3	0.37	0.50	24	22	20	16	12	9
LRS-15H / LDS-15H	4	0.37	0.50	32	29	26	21	16	12
LRS-15H / LDS-15H *	5	0.55	0.75	40	37	32	28	21	15
LRS-15H / LDS-15H *	7	0.75	1.00	56	52	46	39	30	22
LRS-15H / LDS-15H *	10	1.10	1.50	80	74	65	55	42	31
LRS-15H / LDS-15H	13	1.50	2.00	104	96	84	71	54	40
LRS-15H / LDS-15H *	14	1.50	2.00	112	104	92	77	59	43
LRS-15H / LDS-15H *	21	2.20	3.00	168	155	138	116	89	65
LRS-15H / LDS-15H	28	3.00	4.00	224	207	183	155	119	87
LRS-15H / LDS-15H	35	3.70	5.00	280	260	230	194	149	109
LRS-15H / LDS-15H	42	4.40	6.00	336	312	275	233	179	131

LDT-25, LDS-25, LKT-25, LRS-25
Outlet size 50 mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.					
				80	110	130	150	180	210
				Head in Metres					
LRS-25 / LDS-25 *	6	1.10	1.50	33	30	29	26	21	16
LRS-25 / LDS-25 *	8	1.50	2.00	44	40	39	35	28	21
LRS-25 / LDS-25 *	10	2.20	3.00	56	50	49	44	35	26
LRS-25 / LDS-25 *	12	2.20	3.00	67	61	59	53	42	32
LRS-25 / LDS-25	13	2.20	3.00	83	78	66	64	57	34
LRS-25 / LDS-25	14	3.00	4.00	78	71	68	61	49	37
LRS-25 / LDS-25	16	3.00	4.00	89	81	78	70	56	42
LRS-25 / LDS-25	18	3.70	5.00	100	91	88	79	63	48
LRS-25 / LDS-25	20	3.70	5.00	111	101	98	88	70	53
LKT-25 / LDT-25	22	4.40	6.00	122	111	108	97	77	58
LKT-25 / LDT-25	24	4.40	6.00	133	121	118	106	84	64
LKT-25 / LDT-25	26	5.50	7.50	145	130	126	113	91	69

LDT-20A, LDS-20A, LKT-20A, LRS-20A
Outlet size 38 mm. (1½") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.				
				66	83	100	116	133
				Head in Metres				
LRS-20A / LDS-20A	5	0.75	1.00	33	30	27	24	19
LRS-20A / LDS-20A	8	1.10	1.50	50	46	42	37	31
LRS-20A / LDS-20A	10	1.50	2.00	63	59	53	47	39
LRS-20A / LDS-20A	15	2.20	3.00	92	86	78	69	58
LKT-20A / LDT-20A	18	3.00	4.00	110	102	93	82	70
LKT-20A / LDT-20A	20	3.00	4.00	124	115	104	92	78
LKT-20A / LDT-20A	22	3.70	5.00	136	126	115	101	85
LKT-20A / LDT-20A	25	3.70	5.00	153	142	130	115	97
LKT-20A / LDT-20A	28	4.40	6.00	171	159	145	129	109
LKT-20A / LDT-20A	30	4.40	6.00	184	171	156	139	117
LKT-20A / LDT-20A	37	5.50	7.50	228	221	213	205	193

LDT-31, LDS-31, LKT-31, LRS-31
Outlet size 50 mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.					
				135	170	250	290	375	400
				Head in Metres					
LRS-31 / LDS-31*	4	1.10	1.50	16	15	12	11	7	5
LRS-31 / LDS-31*	6	1.50	2.00	25	23	19	16	10	8
LRS-31 / LDS-31*	10	2.20	3.00	41	38	31	27	17	13
LKT-31 / LDT-31	13	3.00	4.00	54	50	40	35	22	17
LKT-31 / LDT-31	16	3.70	5.00	66	62	50	43	27	21
LKT-31 / LDT-31	20	4.40	6.00	83	78	64	56	34	26

LDT-40, LDS-40, LKT-40, LRS-40
Outlet size 65 mm. (2½") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.					
				120	170	220	270	320	370
				Head in Metres					
LRS-40 / LDS-40	5	1.50	2.0	22	20	18	17	15	12
LRS-40 / LDS-40*	6	1.50	2.0	26	24	22	20	17	14
LRS-40 / LDS-40*	7	2.20	3.0	30	28	26	24	20	17
LKT-40 / LDT-40	8	2.20	3.0	35	32	30	27	23	19
LKT-40 / LDT-40	9	2.20	3.0	40	36	33	31	26	22
LKT-40 / LDT-40	10	3.00	4.0	44	40	37	34	29	24
LKT-40 / LDT-40	12	3.70	5.0	53	48	44	41	35	29
LKT-40 / LDT-40	15	4.40	6.0	66	60	55	51	43	36

Note :

- LDS & LDT - Oil filled motor.
- LKT & LRS - Water filled motor.
- Performance of LKT / LDT is same as LRS / LDS.
- All pumps with * are ISI marked.
- LRS - series is also available in 5.0 HP.
- T - Three phase, S - Single phase.
- Please select pumps in the range of discharge shown in bold figure.

Borewell Submersible Pumpsets

100 mm (4")



4" Submersible pumpsets for 100 mm. DIA. Borewell. (96 mm. Max. Diameter)

LDP-2

Outlet size 32 mm. (1¼")

n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.					
				25	40	55	70	85	100
				Head in Metres					
LDP-2	5	0.75	1.00	37	35	30	25	19	12

LRS-50N

Outlet size 65 mm (2½")

n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	200	250	300	320	370	420	450
				Head in Metres							
LRS-50N	6	2.20	3.0	25.6	25	23	20	19	17	12	9
LRS-50N	7	2.20	3.0	30	26	27	24	22	20	14	11
LRS-50N	8	3.00	4.0	34	33	31	27	25	23	16	12
LRS-50N	9	2.20	3.0	38.4	37.8	35	30.6	28.8	26	18	14
LRS-50N	10	3.70	5.0	42.7	42	39	34	32	29	20	16
LRS-50N	12	4.40	6.0	51	50	46	40	38	34	24	19
LRS-50N	15	5.50	7.5	64	63	58.5	51	48	43.5	30	24

4" Submersible pumpsets for 100 mm. DIA. Borewell. (96 mm. Max. Diameter) Special Construction - C.I. Bowl . S.S. Impeller



LDT-30, LDS-30, LKT-30, LRS-30

Outlet size 50 mm (2")

n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.					
				175	200	225	250	275	300
				Head in Meters					
LRS-30 / LDS-30	5	1.10	1.50	19	17	15	13	10	8
LRS-30 / LDS-30	7	1.50	2.00	27	23	20	18	13	11
LRS-30 / LDS-30	10	2.20	3.00	38	33	29	25	19	15
LKT-30 / LDT-30	12	3.00	4.00	46	40	35	30	23	18
LKT-30 / LDT-30	16	3.70	5.00	61	53	46	40	30	24

LDT-50, LDS-50, LKT-50, LRS-50

Outlet size 65 mm (2½")

n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				200	240	290	340	395	445	500	550
				Head in Meters							
LRS-50 / LDS-50	6	2.20	3.00	22	20	18	16	14	12	8	4
LKT-50 / LDT-50	8	3.00	4.00	29	27	24	21	19	16	11	5
LKT-50 / LDT-50	10	3.70	5.00	37	33	30	27	23	19	13	7
LKT-50 / LDT-50	12	4.40	6.00	44	40	36	32	28	24	16	8

Note :

- LDS & LDT - Oil filled motor.
- LKT & LRS - Water filled motor.
- Performance of LKT / LDT is same as LRS / LDS.
- All pumps with * are ISI marked.
- LRS - series is also available in 5.0 HP.
- T - Three phase, S - Single phase.
- Please select pumps in the range of discharge shown in bold figure.

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



Description

LUBI's Submersible pumpsets are made out of premium quality of raw material and workmanship to ensure that pump is energy efficient, reliable and has a very long service life with negligible repairing.

Lubi Submersibles Pumpsets are manufactured as per IS : 8034 & IS : 9283 strict quality control for year of efficient & reliable operation.

Salient Features

- All components are manufactured from materials as per Indian Standard Specifications. They are precisely machined on modern machines, Including CNC machines to give you years of reliable operation.
- The motors are designed to start at low voltage & working in a wide voltage fluctuation.
- Motors have well designed sleeve and thrust bearings for longer life.
- Motor Stator & Rotor are vacuum impregnated and coated properly to ensure corrosion resistance.
- High operating efficiencies of pumpset result into high water discharge rate and lower power consumption.
- All rotating components and assemblies are dynamically balanced to ensure long bearing life and vibration free smooth operation.
- The Pumpsets are compact and slim and can be easily installed in narrow wells.
- Power consumption & operating cost is less due to high pump efficiency.
- All pumps are equipped with a reliable non-return valve to reduce water hammer & Friction losses.

Material of Construction

Motor Body	: Stainless Steel Mild Steel
Stator	: Vacuum Impregnated and epoxy coated for corrosion resistance. Thick end laminations are provided to protect motor windings.
Rotor	: Vacuum impregnated, shot blasted & coated with poly urethane colour for corrosion resistance & dynamically balanced for vibration free smooth operation
Windings	: PVC / Polyster insulated, water cooled
Journal Bearings	: Leaded Bronze / Nitrile Rubber and Stainless Steel, Water Lubricated, having high load bearing capacity.
Thrust Bearings	: Carbon Vs. Steel segment special self-aligning and water lubricated to withstand high axial thrust loads.
Pressure Equalizing Diaphragm	: Adequately sized to accommodate expansion of water inside the motor and prevent loss of cooling water.
Impeller	: High quality abrasion resistant Bronze / Stainless Steel & dynamically balanced.
Bowl	: High grade Cast Iron Stainless Steel Investment Casted.
Wear Rings	: High quality abrasion resistant Bronze / Nitrile Rubber
Shaft	: Stainless Steel of adequate diameter to ensure rigidity and ground to close tolerances.
Suction Casing	: Provided with perforated Stainless Steel Strainer and adequately sized to allow the water to be sucked in with minimum friction.
Cable Sealing Arrangement	: Designed so that no borewell water with sand can enter the motor.

Applications

- Irrigation of Fields / Farms
- High-rise Buildings
- Community Water Supply
- Housing Complexes
- Industries
- Bungalows

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



5" Submersible pumpsets for 125 mm. DIA. Bore well. (122 mm. Max. Diameter) MIXED FLOW

LSA-8 Outlet size 75mm. (3") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	80	210	330	420	480	580	
				Head in Metres							
LSA-8	4	2.20	3.0	38	36	32	28	24	20	12	
LSA-8	5	2.20	3.0	48	45	40	35	30	25	15	
LSA-8	6	3.70	5.0	57	54	48	42	36	30	18	
LSA-8	8	3.70	5.0	76	72	64	56	48	40	24	

LSA-12 Outlet size 75mm. (3") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	230	380	500	590	640	685	
				Head in Metres							
LSA-12	3	3.00	4.00	31	27	24	21	18	15	9	
LSA-12	4	3.70	5.00	41	36	32	28	24	20	12	
LSA-12	5	4.50	6.00	52	45	40	35	30	25	15	
LSA-12	6	5.50	7.50	62	54	48	42	36	30	18	
LSA-12	8	7.50	10.0	83	72	64	56	48	40	24	

LSA-10 Outlet size 75mm. (3") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	180	330	450	540	590	640	
				Head in Metres							
LSA-10	3	2.20	3.0	30	27	24	21	18	15	9	
LSA-10	4	3.00	4.0	40	36	32	28	24	20	12	
LSA-10	5	3.70	5.0	50	45	40	35	30	25	15	
LSA-10	6	4.50	6.0	60	54	48	42	36	30	18	
LSA-10	8	5.50	7.5	80	72	64	56	48	40	24	
LSA-10	10	7.50	10.0	100	90	80	70	60	50	30	

LSA-16 Outlet size 75mm. (3") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	260	410	530	620	670	720	
				Head in Metres							
LSA-16	3	3.70	5.00	32	27	24	21	18	15	9	
LSA-16	4	4.50	6.00	43	36	32	28	24	20	12	
LSA-16	5	5.50	7.50	53	45	40	35	30	25	15	
LSA-16	6	7.50	10.0	64	54	48	42	36	30	18	

5" Submersible pumpsets for 125 mm. DIA. Bore well. (122 mm. Max. Diameter) MIXED FLOW Performance @ 240 V, 1-Phase Connection

LSA-108 Outlet size 75mm. (3") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	70	170	270	360	430	540
				Head in Metres						
LSA-108	5	2.20	3.0	48	45	40	35	30	25	15
LSA-108	6	2.20	3.0	52	47	42	37	32	26	16
LSA-108	8	3.70	5.0	76	72	64	56	48	40	24

LSA-112 Outlet size 75mm. (3") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	230	380	500	590	640	685	
				Head in Metres							
LSA-112	3	2.2	3.0	31	27	24	21	18	15	9	
LSA-112	4	3.7	5.0	41	36	32	28	24	20	12	

LSA-110 Outlet size 75mm. (3") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	180	330	450	540	590	640	
				Head in Metres							
LSA-110	5	3.7	5.0	50	45	40	35	30	25	15	
LSA-110	6	3.7	5.0	60	54	48	42	36	30	18	

LSA-208 Outlet size 75mm. (3") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	70	170	270	360	430	540	
				Head in Metres							
LSA-208	8	3.7	5.0	77	72	64	56	48	40	24	

LSA-210 Outlet size 75mm. (3") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	150	265	360	430	480	580	
				Head in Metres							
LSA-210	8	5.5	7.5	82	72	64	56	48	40	24	

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



5" Submersible pumpsets for 125 mm. DIA. Bore well. (123 mm. Max. Diameter) RADIAL FLOW

LSK5-30AF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	40	85	110	125	140	165
				Head in Metres						
LSK5-30AF	10	2.2	3.0	96	90	80	70	60	50	30
LSK5-30AF	13	3.0	4.0	125	117	104	91	78	65	39
LSK5-30AF	15	3.7	5.0	144	135	120	105	90	75	45

LSK5-60AF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	150	200	230	255	275	310
				Head in Metres						
LSK5-60AF	5	2.2	3.0	53	45	40	35	30	25	15
LSK5-60AF	6	3.0	4.0	64	54	48	42	36	30	18
LSK5-60AF	7	3.0	4.0	74	63	56	49	42	35	21
LSK5-60AF	8	3.7	5.0	85	72	64	56	48	40	24
LSK5-60AF	10	4.5	6.0	106	90	80	70	60	50	30
LSK5-60AF	12	5.5	7.5	127	108	96	84	72	60	36
LSK5-60AF	15	7.5	10.0	159	135	120	106	90	75	45

LSK5-40AF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	75	115	140	157	170	195
				Head in Metres						
LSK5-40AF	7	2.2	3.0	68	63	56	49	42	35	21
LSK5-40AF	8	2.2	3.0	78	72	64	56	48	40	24
LSK5-40AF	10	3.0	4.0	97	90	80	70	60	50	30
LSK5-40AF	12	3.7	5.0	117	108	96	84	72	60	36
LSK5-40AF	15	4.5	6.0	146	135	120	105	90	75	45

LSK5-70AF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	150	200	230	255	275	310
				Head in Metres						
LSK5-70AF	4	2.2	3.0	41	36	32	28	24	20	12
LSK5-70AF	5	3.0	4.0	51	45	40	35	30	25	15
LSK5-70AF	7	3.7	5.0	72	63	56	49	42	35	21
LSK5-70AF	8	4.5	6.0	82	72	64	56	48	40	24
LSK5-70AF	10	5.5	7.5	103	90	80	70	60	50	30
LSK5-70AF	14	7.5	10.0	144	126	112	98	84	70	42

LSK5-50AF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	100	150	175	195	210	235
				Head in Metres						
LSK5-50AF	6	2.2	3.0	62	54	48	42	36	30	18
LSK5-50AF	8	3.0	4.0	83	72	64	56	48	40	24
LSK5-50AF	10	3.7	5.0	103	90	80	70	60	50	30
LSK5-50AF	12	4.5	6.0	124	108	96	84	72	60	36
LSK5-50AF	14	5.5	7.5	145	126	112	98	84	70	42
LSK5-50AF	15	5.5	7.5	155	135	120	105	90	75	45
LSK5-50AF	20	7.5	10.0	200	180	160	140	120	100	60

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



6" Submersible pumpsets for 150 mm. DIA. Bore well. (146 mm. Max. Diameter) RADIAL FLOW

LSK-30 AF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	85	105	125	140	155	200	
				Head in Metres							
LSK - 30 AF	7	2.20	3.00	70	59	56	51	47	42	24	
LSK - 30 AF *	10	2.20	3.00	100	84	80	73	67	60	34	
LSK - 30 AF *	13	3.00	4.00	130	110	104	95	87	78	45	
LSK - 30 AF *	15	3.70	5.00	150	126	120	109	101	90	51	
LSK - 30 AF *	16	3.70	5.00	160	135	128	117	107	96	55	
LSK - 30 AF *	20	4.50	6.00	200	169	160	146	134	120	69	
LSK - 30 AF *	24	5.50	7.50	240	202	192	175	161	144	82	
LSK - 30 AF	25	5.50	7.50	250	211	200	182	168	150	86	
LSK - 30 AF *	31	7.50	10.0	310	261	248	226	208	186	106	

LSK-40 AF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	100	135	165	195	220	240	
				Head in Metres							
LSK - 40 AF *	7	2.20	3.00	70	60	56	50	41	30	19	
LSK - 40 AF	8	2.20	3.00	80	69	64	57	46	34	22	
LSK - 40 AF *	10	3.00	4.00	100	86	80	71	58	43	27	
LSK - 40 AF *	12	3.70	5.00	120	103	96	86	69	51	33	
LSK - 40 AF	14	4.50	6.00	140	121	112	100	81	60	38	
LSK - 40 AF *	15	4.50	6.00	150	129	120	107	87	64	41	
LSK - 40 AF *	18	5.50	7.50	180	155	145	129	104	77	49	
LSK - 40 AF	20	5.50	7.50	200	172	161	143	116	86	54	
LSK - 40 AF *	24	7.50	10.0	240	207	193	171	139	103	65	
LSK - 40 AF	25	7.50	10.0	250	215	201	179	145	107	68	
LSK - 40 AF *	30	9.30	12.5	300	258	241	214	174	129	81	
LSK - 40 AF	35	11.0	15.0	350	302	281	250	203	150	95	

LSK-50 AF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	110	165	210	245	280	310	
				Head in Metres							
LSK - 50 AF *	6	2.20	3.00	64	58	53	46	38	28	16	
LSK - 50 AF *	8	3.00	4.00	85	77	71	61	51	37	21	
LSK - 50 AF *	10	3.70	5.00	107	97	88	77	63	47	27	
LSK - 50 AF *	12	4.50	6.00	128	116	106	92	76	56	32	
LSK - 50 AF	14	5.50	7.50	149	135	124	107	89	65	37	
LSK - 50 AF *	15	5.50	7.50	160	145	133	115	95	70	40	
LSK - 50 AF *	20	7.50	10.0	213	193	177	153	127	93	53	
LSK - 50 AF *	24	9.30	12.5	256	232	212	184	152	112	64	
LSK - 50 AF *	27	11.0	15.0	288	261	239	207	171	126	72	
LSK - 50 AF	30	11.0	15.0	320	290	265	230	190	140	80	
LSK - 50 AF	35	13.0	17.5	373	338	309	268	222	163	93	
LSK - 50 AF	40	15.0	20.0	427	387	353	307	253	187	107	
LSK - 50 AF	50	18.5	25.0	534	484	441	384	316	234	134	

LSK-60 AF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	80	150	225	290	330	345	
				Head in Metres							
LSK - 60 AF *	4	2.20	3.00	43	41	38	33	25	17	13	
LSK - 60 AF *	5	2.20	3.00	54	51	48	41	31	21	16	
LSK - 60 AF *	6	3.00	4.00	65	62	57	50	38	26	20	
LSK - 60 AF *	7	3.00	4.00	75	72	67	58	44	30	23	
LSK - 60 AF *	8	3.70	5.00	86	82	76	66	50	34	26	
LSK - 60 AF *	10	4.50	6.00	108	103	95	83	63	43	33	
LSK - 60 AF *	12	5.50	7.50	129	123	114	99	75	51	39	
LSK - 60 AF *	15	7.50	10.0	161	154	143	124	94	64	49	
LSK - 60 AF *	16	7.50	10.0	172	164	152	132	100	68	52	
LSK - 60 AF *	20	9.30	12.5	215	205	190	165	125	85	65	
LSK - 60 AF *	24	11.0	15.0	258	246	228	198	150	102	78	
LSK - 60 AF	29	13.0	17.5	312	297	276	239	181	123	94	
LSK - 60 AF	31	15.0	20.0	333	318	295	256	194	132	101	
LSK - 60 AF	36	18.5	25.0	387	369	342	297	225	153	117	
LSK - 60 AF	41	18.5	25.0	441	420	390	338	256	174	133	

Note :

- All pumps with * are ISI marked.
- Please select pumps in the range of discharge shown in bold figure.

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



6" Submersible pumpsets for 150 mm. DIA. Bore well. (146 mm. Max. Diameter) RADIAL FLOW

LSK-70 AF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	175	245	300	345	380	395
				Head in Metres						
LSK - 70 AF *	4	2.20	3.00	42	37	33	27	19	11	7
LSK - 70 AF *	5	3.00	4.00	53	46	41	34	24	14	9
LSK - 70 AF *	7	3.70	5.00	74	65	58	47	33	19	12
LSK - 70 AF *	8	4.50	6.00	84	74	66	54	38	22	14
LSK - 70 AF *	10	5.50	7.50	105	93	83	68	48	28	18
LSK - 70 AF *	14	7.50	10.0	147	130	116	95	67	39	25
LSK - 70 AF *	18	9.30	12.5	189	167	149	122	86	50	32
LSK - 70 AF *	20	11.0	15.0	210	185	165	135	95	55	35
LSK - 70 AF *	21	11.0	15.0	221	194	173	142	100	58	37
LSK - 70 AF	25	13.0	17.5	263	231	206	169	119	69	44
LSK - 70 AF *	27	15.0	20.0	284	250	223	182	128	74	47
LSK - 70 AF	28	15.0	20.0	294	259	231	189	133	77	49
LSK - 70 AF	32	18.5	25.0	336	296	264	216	152	88	56
LSK - 70 AF	36	18.5	25.0	378	333	297	243	171	99	63

LSK-80 AF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	200	280	340	390	430	450
				Head in Metres						
LSK - 80 AF *	5	3.00	4.00	53	46	41	34	25	15	7
LSK - 80 AF *	6	3.70	5.00	64	55	49	41	30	18	8
LSK - 80 AF *	7	4.50	6.00	74	64	57	48	35	21	10
LSK - 80 AF	9	5.50	7.50	95	83	74	61	45	27	13
LSK - 80 AF *	10	5.50	7.50	106	92	82	68	50	30	14
LSK - 80 AF *	12	7.50	10.0	127	110	98	82	60	36	17
LSK - 80 AF *	15	9.30	12.5	159	138	123	102	75	45	21
LSK - 80 AF	18	11.0	15.0	191	166	148	122	90	54	25
LSK - 80 AF *	19	11.0	15.0	201	175	156	129	95	57	27
LSK - 80 AF *	22	13.0	17.5	233	202	180	150	110	66	31
LSK - 80 AF *	24	15.0	20.0	254	221	197	163	120	72	34
LSK - 80 AF	25	15.0	20.0	265	230	205	170	125	75	35
LSK - 80 AF	28	18.5	25.0	297	258	230	190	140	84	39
LSK - 80 AF	31	18.5	25.0	329	285	254	211	155	93	43

LSK-100 AF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	220	310	360	420	460	500
				Head in Metres						
LSK - 100 AF *	3	2.20	3.00	33	29	26	23	18	13	7
LSK - 100 AF *	4	3.00	4.00	44	39	35	31	24	17	9
LSK - 100 AF *	5	3.70	5.00	55	48	43	38	30	22	12
LSK - 100 AF *	6	4.50	6.00	66	58	52	46	36	26	14
LSK - 100 AF *	7	5.50	7.50	77	68	61	54	42	30	16
LSK - 100 AF *	8	5.50	7.50	88	77	69	61	48	35	19
LSK - 100 AF *	10	7.50	10.0	110	97	87	77	60	43	23
LSK - 100 AF *	12	9.30	12.5	132	116	104	92	72	52	28
LSK - 100 AF *	15	11.0	15.0	165	145	130	115	90	65	35
LSK - 100 AF *	17	13.0	17.5	187	164	147	130	102	74	40
LSK - 100 AF	19	15.0	20.0	209	184	165	146	114	82	44
LSK - 100 AF *	20	15.0	20.0	220	193	173	153	120	87	47
LSK - 100 AF	22	18.5	25.0	242	213	191	169	132	95	51
LSK - 100 AF	25	18.5	25.0	275	242	217	192	150	108	58

LSK-120 AF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	280	340	390	430	460	520
				Head in Metres						
LSK - 120 AF	3	3.00	4.00	34	30	28	25	22	19	11
LSK - 120 AF	4	3.70	5.00	45	40	37	33	29	25	15
LSK - 120 AF	5	4.50	6.00	57	50	47	42	37	32	18
LSK - 120 AF	6	5.50	7.50	68	60	56	50	44	38	22
LSK - 120 AF	8	7.50	10.0	91	80	75	67	59	51	29
LSK - 120 AF	10	9.30	12.5	113	100	93	83	73	63	37
LSK - 120 AF	12	11.0	15.0	136	120	112	100	88	76	44
LSK - 120 AF	14	13.0	17.5	159	140	131	117	103	89	51
LSK - 120 AF	15	13.0	17.5	170	150	140	125	110	95	55
LSK - 120 AF	17	15.0	20.0	193	170	159	142	125	108	62
LSK - 120 AF	19	18.5	25.0	215	190	177	158	139	120	70
LSK - 120 AF	20	18.5	25.0	227	200	187	167	147	127	73

Note :

- All pumps with * are ISI marked.
- Please select pumps in the range of discharge shown in bold figure.

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



6" Submersible pumpsets for 150 mm. DIA. Bore well. (146 mm. Max. Diameter) RADIAL FLOW PS SERIES

LSK-30 AF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	70	95	111	125	140	180
				Head in Metres						
LSK - 30 AF *	10	2.20	3.00	98	87	80	73	67	60	34
LSK - 30 AF *	13	3.00	4.00	127	113	104	95	87	78	44
LSK - 30 AF *	15	3.70	5.00	147	130	120	110	101	90	51
LSK - 30 AF *	16	3.70	5.00	157	139	128	117	107	96	54
LSK - 30 AF *	20	4.50	6.00	196	174	160	146	134	120	68

LSK-40 AF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	100	125	150	165	185	205
				Head in Metres						
LSK - 40 AF *	7	2.20	3.00	70	58	54	46	39	30	19
LSK - 40 AF *	8	2.20	3.00	80	66	62	53	45	34	22
LSK - 40 AF *	10	3.00	4.00	100	83	77	66	56	43	27
LSK - 40 AF *	12	3.70	5.00	120	99	93	79	68	51	33
LSK - 40 AF *	15	4.50	6.00	150	124	116	99	84	64	41
LSK - 40 AF *	18	5.50	7.50	180	149	139	118	101	77	49
LSK - 40 AF *	20	5.50	7.50	200	165	154	131	113	85	54

LSK-50 CF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	85	125	150	190	215	240
				Head in Metres						
LSK - 50 CF*	6	2.20	3.00	62	58	53	48	38	28	16
LSK - 50 CF*	8	3.00	4.00	83	77	71	64	51	37	21
LSK - 50 CF*	10	3.70	5.00	103	97	88	80	63	47	27
LSK - 50 CF*	12	4.50	6.00	124	116	106	96	76	56	32
LSK - 50 CF*	14	5.50	7.50	145	135	124	112	89	65	37
LSK - 50 CF*	15	5.50	7.50	155	145	133	120	95	70	40
LSK - 50 CF*	20	7.50	10.0	207	193	177	160	127	93	53

LSK-60 AFR Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	155	210	240	265	285	320
				Head in Metres						
LSK - 60 AFR*	5	2.20	3.00	54	45	40	35	30	25	15
LSK - 60 AFR*	6	3.00	4.00	65	54	48	42	36	30	18
LSK - 60 AFR*	7	3.00	4.00	76	63	56	49	42	35	21
LSK - 60 AFR*	8	3.70	5.00	87	72	64	56	48	40	24
LSK - 60 AFR*	10	4.50	6.00	109	90	80	70	60	50	30
LSK - 60 AFR*	12	5.50	7.50	130	108	96	84	72	60	36
LSK - 60 AFR*	15	7.50	10.0	163	135	120	106	90	75	45
LSK - 60 AFR*	16	7.50	10.0	174	144	128	113	96	80	48

LSK-70 AF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	175	245	300	345	380	395
				Head in Metres						
LSK - 70 AF *	4	2.20	3.00	42	37	33	27	19	11	7
LSK - 70 AF *	5	3.00	4.00	53	46	41	34	24	14	9
LSK - 70 AF *	7	3.70	5.00	74	65	58	47	33	19	12
LSK - 70 AF *	8	4.50	6.00	84	74	66	54	38	22	14
LSK - 70 AF *	10	5.50	7.50	105	93	83	68	48	28	18
LSK - 70 AF *	14	7.50	10.0	147	130	116	95	67	39	25

LSK-80 AF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	200	280	340	390	430	450
				Head in Metres						
LSK - 80 AF *	5	3.00	4.00	53	46	41	34	25	15	7
LSK - 80 AF *	6	3.70	5.00	64	55	49	41	30	18	8
LSK - 80 AF *	7	4.50	6.00	74	64	57	48	35	21	10
LSK - 80 AF	9	5.50	7.50	95	83	74	61	45	27	13
LSK - 80 AF *	10	5.50	7.50	106	92	82	68	50	30	14
LSK - 80 AF *	12	7.50	10.0	127	110	98	82	60	36	17

LSK-100 AF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	220	310	360	420	460	500
				Head in Metres						
LSK - 100 AF *	3	2.20	3.00	33	29	26	23	18	13	7
LSK - 100 AF *	4	3.00	4.00	44	39	35	31	24	17	9
LSK - 100 AF *	5	3.70	5.00	55	48	43	38	30	22	12
LSK - 100 AF *	6	4.50	6.00	66	58	52	46	36	26	14
LSK - 100 AF *	7	5.50	7.50	77	68	61	54	42	30	16
LSK - 100 AF *	8	5.50	7.50	88	77	69	61	48	35	19
LSK - 100 AF *	10	7.50	10.0	110	97	87	77	60	43	23

LSK-120 AF Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	280	340	390	430	460	520
				Head in Metres						
LSK - 120 AF	3	3.00	4.00	34	30	28	25	22	19	11
LSK - 120 AF	4	3.70	5.00	45	40	37	33	29	25	15
LSK - 120 AF	5	4.50	6.00	57	50	47	42	37	32	18
LSK - 120 AF	6	5.50	7.50	68	60	56	50	44	38	22
LSK - 120 AF	8	7.50	10.0	91	80	75	67	59	51	29

Note :

- All pumps with * are ISI marked.
- Please select pumps in the range of discharge shown in bold figure.

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



6" Submersible pumpsets for 150 mm. DIA. Bore well. (146 mm. Max. Diameter) MIXED FLOW

LSM-8AF Outlet size 65mm. (2.5") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	120	230	380	460	530	580
				Head in Metres						
LSM-8AF	4	2.20	3.00	37	34	32	28	24	20	16
LSM-8AF	5	2.20	3.00	46	43	40	35	30	25	20
LSM-8AF	6	3.70	5.00	56	51	48	42	36	30	24
LSM-8AF	8	3.70	5.00	74	68	64	56	48	40	32

LSM-10AF Outlet size 65mm. (2.5") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	200	290	330	400	500	650	
				Head in Metres							
LSM-10AF*	3	2.20	3.00	31	28	27	26	24	20	12	
LSM-10AF*	4	3.00	4.00	41	37	36	35	32	27	16	
LSM-10AF*	5	3.70	5.00	52	47	45	43	40	33	20	
LSM-10AF*	6	4.50	6.00	62	56	54	52	48	40	24	
LSM-10AF*	8	5.50	7.50	83	75	72	69	64	53	32	
LSM-10AF*	10	7.50	10.0	103	93	90	87	80	67	40	
LSM-10AF*	12	9.30	12.5	124	112	108	104	96	80	48	
LSM-10AF*	15	11.0	15.0	155	140	135	130	120	100	60	
LSM-10AF	20	15.0	20.0	207	187	180	173	160	133	80	
LSM-10AF	22	18.5	25.0	227	205	198	191	176	147	88	
LSM-10AF	25	18.5	25.0	258	233	225	217	200	167	100	

LSM-12AF Outlet size 65mm. (2.5") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	200	350	445	500	620	700
				Head in Metres						
LSM-12AF*	3	3.00	4.00	32	30	28	26	24	18	12
LSM-12AF*	4	3.70	5.00	43	40	37	35	32	24	16
LSM-12AF*	5	4.50	6.00	53	50	47	43	40	30	20
LSM-12AF*	6	5.50	7.50	64	60	56	52	48	36	24
LSM-12AF*	8	7.50	10.0	85	80	75	69	64	48	32
LSM-12AF*	10	9.30	12.5	107	100	93	87	80	60	40
LSM-12AF*	12	11.0	15.0	128	120	112	104	96	72	48
LSM-12AF*	14	13.0	17.5	149	140	131	121	112	84	56
LSM-12AF	16	15.0	20.0	171	160	149	139	128	96	64
LSM-12AF	18	18.5	25.0	192	180	168	156	144	108	72
LSM-12AF	24	22.0	30.0	256	240	224	208	192	144	96

LSM-14AF Outlet size 65mm. (2.5") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	400	540	595	640	715	770
				Head in Metres						
LSM-14AF*	3	3.00	4.00	34	28	24	21	18	13	9
LSM-14AF*	5	5.50	7.50	57	47	40	35	30	22	15
LSM-14AF*	7	7.50	10.0	79	65	56	49	42	30	21
LSM-14AF	9	9.30	12.5	102	84	72	63	54	39	27
LSM-14AF*	10	11.0	15.0	113	93	80	70	60	43	30
LSM-14AF*	12	13.0	17.5	136	112	96	84	72	52	36
LSM-14AF*	14	15.0	20.0	159	131	112	98	84	61	42
LSM-14AF	15	18.5	25.0	170	140	120	105	90	65	45
LSM-14AF	18	18.5	25.0	204	168	144	126	108	78	54

Note :

- All pumps with * are ISI marked.
- PS series available up to 10 HP Motor.
- Please select pumps in the range of discharge shown in bold figure.

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



6" Submersible pumpsets for 150 mm. DIA. Bore well. (146 mm. Max. Diameter) MIXED FLOW

LSM-16AF (OLD TYPE) Outlet size 75mm. (3") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	390	550	675	780	860	930
				Head in Metres						
LSM-16AF*	3	3.70	5.00	38	30	27	24	21	18	15
LSM-16AF*	4	4.50	6.00	50	40	36	32	28	24	20
LSM-16AF*	5	5.50	7.50	63	50	45	40	35	30	25
LSM-16AF*	6	7.50	10.0	75	60	54	48	42	36	30
LSM-16AF*	7	9.30	12.5	88	70	63	56	49	42	35
LSM-16AF*	9	11.0	15.0	113	90	81	72	63	54	45
LSM-16AF*	11	13.0	17.5	138	110	99	88	77	66	55
LSM-16AF*	13	15.0	20.0	163	130	117	104	91	78	65
LSM-16AF	14	18.5	25.0	175	140	126	112	98	84	70
LSM-16AF	16	18.5	25.0	200	160	144	128	112	96	80

LSM-16AF Outlet size 75mm. (3") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	430	540	610	660	700	735
				Head in Metres						
LSM-16AF*	3	3.70	5.00	38	30	27	24	21	18	15
LSM-16AF*	4	4.50	6.00	50	40	36	32	28	24	20
LSM-16AF*	5	5.50	7.50	63	50	45	40	35	30	25
LSM-16AF*	6	7.50	10.0	75	60	54	48	42	36	30
LSM-16AF*	7	9.30	12.5	88	70	63	56	49	42	35
LSM-16AF*	9	11.0	15.0	113	90	81	72	63	54	45
LSM-16AF*	11	13.0	17.5	138	110	99	88	77	66	55
LSM-16AF*	13	15.0	20.0	163	130	117	104	91	78	65
LSM-16AF	14	18.5	25.0	175	140	126	112	98	84	70
LSM-16AF	16	18.5	25.0	200	160	144	128	112	96	80

LSM-20AF Outlet size 75mm. (3") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	300	540	675	750	890	1100
				Head in Metres						
LSM-20AF*	3	4.50	6.00	34	32	29	26	24	20	13
LSM-20AF*	4	5.50	7.50	45	43	39	35	32	27	17
LSM-20AF*	5	7.50	10.0	57	53	48	43	40	33	22
LSM-20AF*	6	9.30	12.5	68	64	58	52	48	40	26
LSM-20AF	7	11.0	15.0	79	75	68	61	56	47	30
LSM-20AF*	8	13.0	17.5	91	85	77	69	64	53	35
LSM-20AF*	10	15.0	20.0	113	107	97	87	80	67	43
LSM-20AF	11	18.5	25.0	125	117	106	95	88	73	48
LSM-20AF	12	18.5	25.0	136	128	116	104	96	80	52

LSB-25AF Outlet size 75mm. (3") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	700	810	900	980	1120	1300
				Head in Metres						
LSB-25AF	2	3.70	5.00	23	18	17	16	15	13	10
LSB-25AF*	3	5.50	7.50	35	27	26	24	23	20	15
LSB-25AF	4	7.50	10.0	46	36	34	32	30	26	20
LSB-25AF	5	9.30	12.5	58	45	43	40	38	33	25
LSB-25AF*	6	11.0	15.0	69	54	51	48	45	39	30
LSB-25AF	7	13.0	17.5	81	63	60	56	53	46	35
LSB-25AF	8	15.0	20.0	92	72	68	64	60	52	40
LSB-25AF	9	18.5	25.0	104	81	77	72	68	59	45
LSB-25AF	10	18.5	25.0	115	90	85	80	75	65	50
LSB-25AF	12	22.0	30.0	138	108	102	96	90	78	60

LSB-30AF Outlet size 75mm. (3") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	750	940	1000	1220	1330	1430
				Head in Metres						
LSB-30AF	2	4.50	6.00	24	19	17	16	12	10	8
LSB-30AF	3	7.50	10.0	36	29	26	24	18	15	12
LSB-30AF	4	9.30	12.5	48	38	34	32	24	20	16
LSB-30AF	5	11.0	15.0	60	48	43	40	30	25	20
LSB-30AF	6	13.0	17.5	72	57	51	48	36	30	24
LSB-30AF	7	15.0	20.0	84	67	60	56	42	35	28
LSB-30AF	8	18.5	25.0	96	76	68	64	48	40	32
LSB-30AF	10	22.0	30.0	120	95	85	80	60	50	40

Note :

- All pumps with * are ISI marked.
- PS series available up to 10 HP Motor.
- Please select pumps in the range of discharge shown in bold figure.

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



6" Submersible pumpsets for 150 mm. DIA. Bore well. (146 mm/ Max. Diameter) 50 feet / Stage HIGH HEAD PUMPS

SS FABRICATED BOWL & SS CASTED IMPELLER

LSF-80 Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	100	140	200	240	280	320	360
				Head in Metres							
LSF - 80	4	2.20	3.00	59	57	55	48	42	35	24	9
LSF - 80*	5	3.00	4.00	74	71	69	60	53	44	30	11
LSF - 80*	6	3.70	5.00	89	86	83	72	63	53	36	14
LSF - 80*	7	4.50	6.00	103	100	96	84	74	61	42	16
LSF - 80*	10	5.50	7.50	148	143	138	120	105	88	60	23
LSF - 80*	12	7.50	10.0	177	171	165	144	126	105	72	27
LSF - 80*	15	9.30	12.5	221	214	206	180	158	131	90	34
LSF - 80*	18	11.0	15.0	266	257	248	216	189	158	108	41
LSF - 80*	21	13.0	17.5	310	299	289	252	221	184	126	47
LSF - 80	25	15.0	20.0	369	356	344	300	263	219	150	56
LSF - 80	30	18.5	25.0	443	428	413	360	315	263	180	68

LSF-100 Outlet size 65mm. (2.5") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	150	200	240	305	330	360	390
				Head in Metres							
LSF - 100	3	2.20	3.00	45	41	39	36	27	23	16	8
LSF - 100	4	3.00	4.00	60	55	52	48	36	31	21	11
LSF - 100*	5	3.70	5.00	75	68	65	60	45	38	27	13
LSF - 100	6	4.50	6.00	90	82	78	72	54	46	32	16
LSF - 100*	8	5.50	7.50	120	109	104	96	72	61	43	21
LSF - 100*	10	7.50	10.0	150	137	130	120	90	77	53	27
LSF - 100*	12	9.30	12.5	180	164	156	144	108	92	64	32
LSF - 100*	15	11.0	15.0	225	205	195	180	135	115	80	40
LSF - 100	18	13.0	17.5	270	246	234	216	162	138	96	48
LSF - 100	20	15.0	20.0	300	273	260	240	180	153	107	53
LSF - 100	25	18.5	25.0	375	342	325	300	225	192	133	67
LSF - 100	30	22.0	30.0	450	410	390	360	270	230	160	80

LSF-120 Outlet size 65mm. (2.5") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	180	240	300	360	440	480	520
				Head in Metres							
LSF - 120	3	3.00	4.00	47	43	40	36	32	24	18	12
LSF - 120*	4	3.70	5.00	63	57	53	48	43	32	24	16
LSF - 120	5	4.50	6.00	78	72	67	60	53	40	30	20
LSF - 120*	6	5.50	7.50	94	86	80	72	64	48	36	24
LSF - 120*	8	7.50	10.00	125	115	107	96	85	64	48	32
LSF - 120*	10	9.30	12.5	157	143	133	120	107	80	60	40
LSF - 120*	12	11.0	15.0	188	172	160	144	128	96	72	48
LSF - 120	15	15.0	20.0	235	215	200	180	160	120	90	60
LSF - 120*	16	15.0	20.0	251	229	213	192	171	128	96	64
LSF - 120	18	16.5	22.5	282	258	240	216	192	144	108	72
LSF - 120	20	18.5	25.0	313	287	267	240	213	160	120	80
LSF - 120	24	22.0	30.0	376	344	320	288	256	192	144	96
LSF - 120	28	26.0	35.0	439	401	373	336	299	224	168	112

Note :

- All pumps with * are ISI marked.
- PS series available up to 10 HP Motor.
- Please select pumps in the range of discharge shown in bold figure.

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



6" Submersible pumpsets for 150 mm. DIA. Bore well. (146 mm/ Max. Diameter) 50 feet / Stage HIGH HEAD PUMPS

SS CASTED BOWL & IMPELLER

LSF-60ZP Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.								
				0	100	145	170	195	210	220	260	
				Head in Metres								
LSF-60ZP	5	2.2	3.0	80	70	65	60	52	46	40	14	
LSF-60ZP	7	3.0	4.0	112	98	91	84	73	64	56	20	
LSF-60ZP	8	3.7	5.0	128	112	104	96	83	74	64	22	
LSF-60ZP	10	4.5	6.0	160	140	130	120	104	92	80	28	
LSF-60ZP	12	5.5	7.5	192	168	156	144	125	110	96	34	
LSF-60ZP	16	7.5	10.0	256	224	208	192	166	147	128	45	
LSF-60ZP	20	9.3	12.5	320	280	260	240	208	184	160	56	
LSF-60ZP	24	11.0	15.0	384	336	312	288	250	221	192	67	
LSF-60ZP	26	13.0	17.5	416	364	338	312	270	239	208	73	
LSF-60ZP	30	15.0	20.0	480	420	390	360	312	276	240	84	

LSF-80ZP Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.								
				0	90	145	185	215	240	260	290	
				Head in Metres								
LSF-80ZP	4	2.2	3.0	65	62	56	48	40	33	26	16	
LSF-80ZP	5	3.0	4.0	81	78	70	60	50	41	33	20	
LSF-80ZP	6	3.7	5.0	98	93	84	72	60	50	39	24	
LSF-80ZP	7	4.5	6.0	114	109	98	84	70	57	46	28	
LSF-80ZP	10	5.5	7.5	163	155	140	120	100	83	65	40	
LSF-80ZP	12	7.5	10.0	195	186	168	144	120	99	78	48	
LSF-80ZP	15	9.3	12.5	244	233	210	180	150	124	98	60	
LSF-80ZP	18	11.0	15.0	293	279	252	216	180	149	117	72	
LSF-80ZP	21	13.0	17.5	341	326	294	252	210	173	137	84	
LSF-80ZP	25	15.0	20.0	406	388	350	300	250	206	163	100	
LSF-80ZP	30	18.5	25.0	488	465	420	360	300	248	195	120	

LSF-100ZP Outlet size 65mm. (2.5") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	40	170	270	325	370	400	440
				Head in Metres							
LSF-100ZP	3	2.2	3.0	49	48	42	36	30	24	18	9
LSF-100ZP	4	3.0	4.0	65	64	56	48	40	32	24	12
LSF-100ZP	5	3.7	5.0	82	80	70	60	50	40	30	15
LSF-100ZP	6	4.5	6.0	98	96	84	72	60	48	36	18
LSF-100ZP	8	5.5	7.5	131	128	112	96	80	64	48	24
LSF-100ZP	10	7.5	10.0	163	160	140	120	100	80	60	30
LSF-100ZP	12	9.3	12.5	196	192	168	144	120	96	72	36
LSF-100ZP	15	11.0	15.0	245	240	210	180	150	120	90	45
LSF-100ZP	18	13.0	17.5	294	288	252	216	180	144	108	54
LSF-100ZP	20	15.0	20.0	327	320	280	240	200	160	120	60
LSF-100ZP	25	18.5	25.0	408	400	350	300	250	200	150	75
LSF-100ZP	30	22.0	30.0	490	480	420	360	300	240	180	90

LSF-120ZP Outlet size 65mm. (2.5") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.								
				0	80	250	360	420	470	520	550	
				Head in Metres								
LSF-120ZP	3	3.0	4.0	49	47	42	36	30	24	15	9	
LSF-120ZP	4	3.7	5.0	65	63	56	48	40	32	20	12	
LSF-120ZP	5	4.5	6.0	82	78	70	60	50	40	25	15	
LSF-120ZP	6	5.5	7.5	98	94	84	72	60	48	30	18	
LSF-120ZP	8	7.5	10.0	131	125	112	96	80	64	40	24	
LSF-120ZP	10	9.3	12.5	163	157	140	120	100	80	50	30	
LSF-120ZP	12	11.0	15.0	196	188	168	144	120	96	60	36	
LSF-120ZP	15	15.0	20.0	245	235	210	180	150	120	75	45	
LSF-120ZP	16	15.0	20.0	261	251	224	192	160	128	80	48	
LSF-120ZP	18	16.5	22.5	294	282	252	216	180	144	90	54	
LSF-120ZP	20	18.5	25.0	327	313	280	240	200	160	100	60	
LSF-120ZP	24	22.0	30.0	392	376	336	288	240	192	120	72	

Note :

- PS series available up to 10 HP Motor.
- Please select pumps in the range of discharge shown in bold figure.

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



6" Submersible pumpsets for 150 mm. DIA. Bore well. (146 mm/ Max. Diameter) 50 feet / Stage HIGH HEAD PUMPS

SS CASTED BOWL & IMPELLER

LSF-150ZP Outlet size 65mm. (2.5") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	80	290	410	485	540	600	640
				Head in Metres							
LSF-150ZP	2	2.2	3.0	33	32	28	24	20	16	10	6
LSF-150ZP	3	3.7	5.0	49	48	42	36	30	24	15	9
LSF-150ZP	4	4.5	6.0	65	64	56	48	40	32	20	12
LSF-150ZP	5	5.5	7.5	81	80	70	60	50	40	25	15
LSF-150ZP	7	7.5	10.0	114	112	98	84	70	56	35	21
LSF-150ZP	8	9.3	12.5	130	128	112	96	80	64	40	24
LSF-150ZP	10	11.0	15.0	163	160	140	120	100	80	50	30
LSF-150ZP	12	13.0	17.5	195	192	168	144	120	96	60	36
LSF-150ZP	13	15.0	20.0	211	208	182	156	130	104	65	39
LSF-150ZP	17	18.5	25.0	276	272	238	204	170	136	85	51
LSF-150ZP	20	22.0	30.0	325	320	280	240	200	160	100	60

LSF-200ZP Outlet size 65mm. (2.5") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	200	420	520	590	645	700	730
				Head in Metres							
LSF-200ZP	2	3.0	4.0	33	32	28	24	20	16	10	6
LSF-200ZP	3	4.5	6.0	49	48	42	36	30	24	15	9
LSF-200ZP	4	5.5	7.5	65	64	56	48	40	32	20	12
LSF-200ZP	5	7.5	10.0	82	80	70	60	50	40	25	15
LSF-200ZP	6	9.3	12.5	98	96	84	72	60	48	30	18
LSF-200ZP	8	11.0	15.0	131	128	112	96	80	64	40	24
LSF-200ZP	9	13.0	17.5	147	144	126	108	90	72	45	27
LSF-200ZP	10	15.0	20.0	164	160	140	120	100	80	50	30
LSF-200ZP	11	15.0	20.0	180	176	154	132	110	88	55	33
LSF-200ZP	12	18.5	25.0	196	192	168	144	120	96	60	36
LSF-200ZP	13	18.5	25.0	213	208	182	156	130	104	65	39

Note :

- PS series available up to 10 HP Motor.
- Please select pumps in the range of discharge shown in bold figure.

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



6" Submersible pumpsets for 150 mm. DIA. Bore well. (146 mm/ Max. Diameter) 60 feet / Stage HIGH HEAD PUMPS

SS CASTED BOWL & IMPELLER

LHH-60 Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	60	75	85	95	120	140
				Head in Metres						
LHH-60	5	2.2	3.0	100	90	85	80	75	60	45
LHH-60	7	3.0	4.0	140	126	119	112	105	84	63
LHH-60	8	3.7	5.0	160	144	136	128	120	96	72
LHH-60	10	4.5	6.0	200	180	170	160	150	120	90
LHH-60	12	5.5	7.5	240	216	204	192	180	144	108
LHH-60	16	7.5	10.0	320	288	272	256	240	192	144
LHH-60	20	9.3	12.5	400	360	340	320	300	240	180
LHH-60	24	11.0	15.0	480	432	408	384	360	288	216
LHH-60	26	13.0	17.5	520	468	442	416	390	312	234
LHH-60	28	13.0	17.5	560	504	476	448	420	336	252
LHH-60	30	15.0	20.0	600	540	510	480	450	360	270
LHH-60	32	15.0	20.0	640	576	544	512	480	384	288

LHH-80 Outlet size 50mm. (2") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	85	110	130	145	180	210	
				Head in Metres							
LHH-80	4	2.2	3.0	78	72	68	64	60	48	36	
LHH-80	5	3.0	4.0	98	90	85	80	75	60	45	
LHH-80	6	3.7	5.0	117	108	102	96	90	72	54	
LHH-80	7	4.5	6.0	137	126	119	112	105	84	63	
LHH-80	10	5.5	7.5	195	180	170	160	150	120	90	
LHH-80	12	7.5	10.0	234	216	204	192	180	144	108	
LHH-80	15	9.3	12.5	293	270	255	240	225	180	135	
LHH-80	18	11.0	15.0	351	324	306	288	270	216	162	
LHH-80	21	13.0	17.5	410	378	357	336	315	252	189	
LHH-80	25	15.0	20.0	488	450	425	400	375	300	225	
LHH-80	30	18.5	25.0	585	540	510	480	450	360	270	
LHH-80	34	22.0	30.0	663	612	578	544	510	408	306	

LHH-100 Outlet size 65mm. (2.5") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	133	155	175	190	240	280
				Head in Metres						
LHH-100	3	2.2	3.0	63	54	51	48	45	36	27
LHH-100	4	3.0	4.0	84	72	68	64	60	48	36
LHH-100	5	3.7	5.0	105	90	85	80	75	60	45
LHH-100	6	4.5	6.0	126	108	102	96	90	72	54
LHH-100	8	5.5	7.5	168	144	136	128	120	96	72
LHH-100	10	7.5	10.0	210	180	170	160	150	120	90
LHH-100	12	9.3	12.5	252	216	204	192	180	144	108
LHH-100	15	11.0	15.0	315	270	255	240	225	180	135
LHH-100	18	13.0	17.5	378	324	306	288	270	216	162
LHH-100	20	15.0	20.0	420	360	340	320	300	240	180
LHH-100	25	18.5	25.0	525	450	425	400	375	300	225
LHH-100	30	22.0	30.0	630	540	510	480	450	360	270

LHH-120 Outlet size 65mm. (2.5") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	195	215	240	265	315	355
				Head in Metres						
LHH-120	3	3.0	4.0	63	54	51	48	45	36	27
LHH-120	4	3.7	5.0	84	72	68	64	60	48	36
LHH-120	5	4.5	6.0	105	90	85	80	75	60	45
LHH-120	6	5.5	7.5	126	108	102	96	90	72	54
LHH-120	8	7.5	10.0	168	144	136	128	120	96	72
LHH-120	10	9.3	12.5	210	180	170	160	150	120	90
LHH-120	12	11.0	15.0	252	216	204	192	180	144	108
LHH-120	14	13.0	17.5	294	252	238	224	210	168	126
LHH-120	15	15.0	20.0	315	270	255	240	225	180	135
LHH-120	16	15.0	20.0	336	288	272	256	240	192	144
LHH-120	18	18.5	25.0	378	324	306	288	270	216	162
LHH-120	20	18.5	25.0	420	360	340	320	300	240	180
LHH-120	24	22.0	30.0	504	432	408	384	360	288	216

Note :

- PS series available up to 10 HP Motor.
- Please select pumps in the range of discharge shown in bold figure.

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



6" Submersible pumpsets for 150 mm. DIA. Bore well. (146 mm/ Max. Diameter) 60 feet / Stage HIGH HEAD PUMPS

SS CASTED BOWL & IMPELLER

LHH-150 Outlet size 65mm. (2.5") n = 2880 rpm

LHH-200 Outlet size 65mm. (2.5") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	225	255	285	310	370	430
				Head in Metres						
LHH-150	2	2.2	3.0	42	36	34	32	30	24	18
LHH-150	3	3.7	5.0	63	54	51	48	45	36	27
LHH-150	4	4.5	6.0	84	72	68	64	60	48	36
LHH-150	5	5.5	7.5	105	90	85	80	75	60	45
LHH-150	7	7.5	10.0	147	126	119	112	105	84	63
LHH-150	8	9.3	12.5	168	144	136	128	120	96	72
LHH-150	10	11.0	15.0	210	180	170	160	150	120	90
LHH-150	12	13.0	17.5	252	216	204	192	180	144	108
LHH-150	13	15.0	20.0	273	234	221	208	195	156	117
LHH-150	17	18.5	25.0	357	306	289	272	255	204	153
LHH-150	20	22.0	30.0	420	360	340	320	300	240	180

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	320	350	385	410	510	580
				Head in Metres						
LHH-200	2	3.0	4.0	39	36	34	32	30	24	18
LHH-200	3	4.5	6.0	59	54	51	48	45	36	27
LHH-200	4	5.5	7.5	78	72	68	64	60	48	36
LHH-200	5	7.5	10.0	98	90	85	80	75	60	45
LHH-200	6	9.3	12.5	118	108	102	96	90	72	54
LHH-200	8	11.0	15.0	157	144	136	128	120	96	72
LHH-200	9	13.0	17.5	176	162	153	144	135	108	81
LHH-200	10	15.0	20.0	196	180	170	160	150	120	90
LHH-200	11	15.0	20.0	216	198	187	176	165	132	99
LHH-200	12	18.5	25.0	235	216	204	192	180	144	108
LHH-200	13	18.5	25.0	255	234	221	208	195	156	117
LHH-200	14	22.0	30.0	274	252	238	224	210	168	126
LHH-200	15	22.0	30.0	294	270	255	240	225	180	135

Note :

- PS series available up to 10 HP Motor.
- Please select pumps in the range of discharge shown in bold figure.

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



6" Submersible pumpsets for 150 mm. DIA. Borewell. (146 mm. Max. Diameter) MIXED FLOW Performance @ 240 V, 1-Phase Connection

LSM-108AF Outlet size 75mm. (3") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	260	380	445	500	600	700
				Head in Metres						
LSM-108AF	4	2.20	3.00	43	36	31	28	25	18	10

LSM-110AF Outlet size 65mm. (2.5") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	170	250	290	380	470	630
				Head in Metres						
LSM-110AF	5	3.7	5.0	54	51	49	47	42	35	20
LSM-110AF	6	3.7	5.0	65	61	59	56	50	42	24
LSM-110AF	7	5.5	7.5	76	71	69	66	59	49	28
LSM-110AF	8	5.5	7.5	86	82	78	75	67	56	32

LSM-108AF Outlet size 65mm. (2.5") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	160	270	420	500	550	600
				Head in Metres						
LSM-108AF	7	3.7	5.0	63	60	56	49	42	35	28
LSM-108AF	8	3.7	5.0	72	69	64	56	48	40	32
LSM-108AF	10	5.5	7.5	90	86	80	70	60	50	40

LSM-112AF Outlet size 65mm. (2.5") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	225	335	455	525	620	705
				Head in Metres						
LSM-112AF	4	3.7	5.0	44	43	40	35	31	24	16
LSM-112AF	6	5.5	7.5	66	65	60	53	47	36	24

LSM-108AF Outlet size 65mm. (2.5") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	150	300	450	510	560	660
				Head in Metres						
LSM-108AF	5	2.20	3.00	49	44	40	30	25	20	10

LSM-116AF Outlet size 75mm. (3.0") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	360	520	640	760	890	1000
				Head in Metres						
LSM-116AF	3	3.7	5.0	36	29	26	23	20	15	9
LSM-116AF	5	5.5	7.5	60	48	43	38	33	25	15

Note :

■ Please select pumps in the range of discharge shown in bold figure.

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



6" Submersible pumpsets for 150 mm. DIA. Borewell. (146 mm. Max. Diameter) RADIAL FLOW Performance @ 240 V, 1-Phase Connection

LSK-130AF Outlet size 50mm. (2.0") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	90	110	130	145	160	205
				Head in Metres						
LSK-130AF	16	3.7	5.0	160	135	128	117	107	96	55
LSK-130AF	25	5.5	7.5	250	211	200	183	167	150	86

LSK-140AF Outlet size 50mm. (2.0") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	105	140	170	200	225	250
				Head in Metres						
LSK-140AF	12	3.7	5.0	120	103	96	86	69	51	33
LSK-140AF	14	3.7	5.0	140	120	112	100	81	60	39
LSK-140AF	18	5.5	7.5	180	155	144	129	104	77	50
LSK-140AF	20	5.5	7.5	200	172	160	143	115	85	55

LSK-150AF Outlet size 50mm. (2.0") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	100	155	190	240	270	300
				Head in Metres						
LSK-150AF	10	3.7	5.0	107	97	88	80	63	47	27
LSK-150AF	14	5.5	7.5	150	136	123	112	88	66	38
LSK-150AF	15	5.5	7.5	161	146	132	120	95	71	41
LSK-150AF	16	5.5	7.5	171	155	141	128	101	75	43

LSK-160AF Outlet size 50mm. (2.0") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	145	205	250	295	325	375
				Head in Metres						
LSK-160AF	8	3.7	5.0	80	75	70	64	56	48	32

LSK-160AF Outlet size 50mm. (2.0") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	120	180	225	270	300	350
				Head in Metres						
LSK-160AF	12	5.5	7.5	120	113	105	96	84	72	48

LSK-170AF Outlet size 50mm. (2.0") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	130	190	235	280	310	360
				Head in Metres						
LSK-170AF	7	3.70	5.0	70	66	61	56	49	42	28

LSK-180AF Outlet size 50mm. (2.0") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	210	300	350	390	430	450
				Head in Metres						
LSK-180AF	6	3.7	5.0	64	55	48	40	30	18	8
LSK-180AF	10	5.5	7.5	107	92	80	67	50	30	13

LSK-1100AF Outlet size 50mm. (2.0") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	200	290	345	420	460	500
				Head in Metres						
LSK-1100AF	5	3.7	5.0	54	50	45	40	30	22	12
LSK-1100AF	8	5.5	7.5	86	80	72	64	48	35	19

Note :

■ Please select pumps in the range of discharge shown in bold figure.

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



6" Submersible pumpsets for 150 mm. DIA. Borewell. (146 mm. Max. Diameter) MIXED FLOW

LSM-208AF Outlet size 75mm. (3") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	260	380	445	500	600	700
				Head in Metres						
LSM-208AF	4	2.20	3.00	43	36	31	28	25	18	10

LSM-210AF Outlet size 65mm. (2.5") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	190	310	410	480	530	570
				Head in Metres						
LSM-210AF	5	2.20	3.00	49	44	40	35	30	25	20

LSM-210AF Outlet size 65mm. (2.5") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	240	380	465	530	580	620
				Head in Metres						
LSM-210AF	5	3.70	5.00	52	45	40	35	30	25	20

LSM-210AF Outlet size 65mm. (2.5") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	170	325	425	500	550	650
				Head in Metres						
LSM-210AF	8	3.70	5.00	79	72	64	56	48	40	20

LSM-212AF Outlet size 65mm. (2.5") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	150	335	455	525	620	705
				Head in Metres						
LSM-212AF	4	3.70	5.00	44	43	40	35	31	24	16

6" Submersible pumpsets for 150 mm. DIA. Borewell. (146 mm. Max. Diameter) RADIAL FLOW

LSD-233 Outlet size 50mm. (2") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.									
				0	100	140	165	180	190	200	210	220	230
				Head in Metres									
LSD-233	6	1.50	2.00	64	55	50	45	40	35	30	25	20	15

LSD-237 Outlet size 50mm. (2") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.									
				0	50	105	140	165	185	200	215	225	235
				Head in Metres									
LSD-237	8	2.20	3.00	82	77	70	64	56	48	40	32	24	16

LSD-250 Outlet size 50mm. (2") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.									
				0	110	150	185	202	218	235	245	255	265
				Head in Metres									
LSD-250	6	2.20	3.00	62	55	52	45	40	35	29	25	20	15

LSD-233 Outlet size 50mm. (2") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.									
				0	60	110	130	145	155	165	185	200	215
				Head in Metres									
LSD-233	10	2.20	3.00	96	90	80	75	70	65	60	50	40	30

LSD-240 Outlet size 50mm. (2") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.									
				0	110	150	170	190	208	222	238	250	265
				Head in Metres									
LSD-240	5	1.50	2.00	53	48	44	40	35	30	25	20	15	10

LSD-260 Outlet size 50mm. (2") n = 2850 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.									
				0	110	180	220	245	262	280	295	310	325
				Head in Metres									
LSD-260	5	2.20	3.00	56	48	44	40	35	30	25	20	15	10

Note :

■ Please select pumps in the range of discharge shown in bold figure.

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



7" Submersible pumpsets for 200 mm. DIA. Borewell. (158mm. Max. Diameter) MIXED FLOW

LSR25AF Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	240	700	1000	1280	1500	1650
				Head in Metres						
LSR-25AF	2	3.70	5.00	28	26	22	18	14	10	6
LSR-25AF	3	5.50	7.50	42	39	33	27	21	15	9
LSR-25AF	4	7.50	10.0	56	52	44	36	28	20	12
LSR-25AF	5	9.30	12.5	70	65	55	45	35	25	15
LSR-25AF	6	11.0	15.0	84	78	66	54	42	30	18
LSR-25AF	7	13.0	17.5	98	91	77	63	49	35	21
LSR-25AF	8	15.0	20.0	112	104	88	72	56	40	24
LSR-25AF	9	18.5	25.0	126	117	99	81	63	45	27
LSR-25AF	10	18.5	25.0	140	130	110	90	70	50	30

LSR30AF Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	400	760	1080	1350	1580	1750	
				Head in Metres							
LSR-30AF	2	4.50	6.00	29	26	22	18	14	10	6	
LSR-30AF	3	7.50	10.0	44	39	33	27	21	15	9	
LSR-30AF	4	9.30	12.5	58	52	44	36	28	20	12	
LSR-30AF	5	11.0	15.0	73	65	55	45	35	25	15	
LSR-30AF	6	13.0	17.5	87	78	66	54	42	30	18	
LSR-30AF	7	15.0	20.0	102	91	77	63	49	35	21	
LSR-30AF	8	18.5	25.0	116	104	88	72	56	40	24	

LSR40CF Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	500	900	1300	1620	1900	2180
				Head in Metres						
LSR-40CF	2	5.50	7.50	34	30	26	22	18	14	8
LSR-40CF	3	9.30	12.5	51	45	39	33	27	21	12
LSR-40CF	4	11.0	15.0	68	60	52	44	36	28	16
LSR-40CF	5	15.0	20.0	85	75	65	55	45	35	20
LSR-40CF	6	18.5	25.0	102	90	78	66	54	42	24

LSR50CF Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	250	660	1120	1450	1940	2400	
				Head in Metres							
LSR-50CF	2	7.50	10.0	35	33	30	26	22	16	10	
LSR-50CF	3	11.0	15.0	53	50	45	39	33	24	15	
LSR-50CF	4	15.0	20.0	70	66	60	52	44	32	20	
LSR-50CF	5	18.5	25.0	88	83	75	65	55	40	25	

LSR60CF Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	400	880	1250	1600	1940	2400
				Head in Metres						
LSR-60CF	2	9.30	12.5	37	34	30	26	22	18	12
LSR-60CF	3	13.0	17.5	56	51	45	39	33	27	18
LSR-60CF	4	18.5	25.0	74	68	60	52	44	36	24

Note :

■ Please select pumps in the range of discharge shown in bold figure.

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



8" Submersible pumpsets for 200 mm. DIA. Bore well (196 mm. Max DIA.) RADIAL FLOW

LMKS-150 Outlet size 75mm. (3") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.					
				0	180	220	300	400	480
				Head in Metres					
LMKS-150	5	5.50	7.50	91	85	83	75	60	44
LMKS-150	7	7.50	10.0	127	119	116	105	84	62
LMKS-150	8	9.30	12.5	146	136	132	120	96	70
LMKS-150	10	11.0	15.0	182	170	165	150	120	88
LMKS-150	12	13.0	17.5	218	204	198	180	144	106
LMKS-150	13	15.0	20.0	237	221	215	195	156	114
LMKS-150	17	18.5	25.0	309	289	281	255	204	150
LMKS-150	20	22.0	30.0	364	340	330	300	240	176

LMKS-200 Outlet size 75mm. (3") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	225	350	450	520	610	710	
				Head in Metres							
LMKS-200	5	7.50	10.0	93	87	83	75	65	50	25	
LMKS-200	6	9.30	12.5	112	104	99	90	77	60	30	
LMKS-200	7	11.0	15.0	130	121	116	105	90	70	35	
LMKS-200	8	13.0	17.5	149	138	132	120	103	80	40	
LMKS-200	9	13.0	17.5	167	156	149	135	116	90	45	
LMKS-200	10	15.0	20.0	186	173	165	150	129	100	50	
LMKS-200	12	18.5	25.0	223	208	198	180	155	120	60	
LMKS-200	13	18.5	25.0	242	225	215	195	168	130	65	
LMKS-200	14	22.0	30.0	260	242	231	210	181	140	70	
LMKS-200	15	22.0	30.0	279	260	248	225	194	150	75	
LMKS-200	17	26.0	35.0	316	294	281	255	219	170	85	
LMKS-200	20	30.0	40.0	372	346	330	300	258	200	100	

LMKS-250 Outlet size 75mm. (3") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	250	425	500	650	800	850
				Head in Metres						
LMKS-250*	3	5.50	7.50	57	54	51	47	35	18	11
LMKS-250*	4	7.50	10.0	75	72	69	62	46	24	14
LMKS-250*	5	9.30	12.5	94	90	86	78	58	29	18
LMKS-250*	6	11.0	15.0	113	108	103	93	69	35	21
LMKS-250*	7	15.0	20.0	132	126	120	109	81	41	25
LMKS-250*	8	15.0	20.0	151	144	137	124	92	47	28
LMKS-250	10	18.5	25.0	189	180	171	155	115	59	35
LMKS-250	12	22.0	30.0	226	216	206	186	138	71	42
LMKS-250	14	26.0	35.0	264	252	240	217	161	82	49
LMKS-250	16	30.0	40.0	302	288	274	248	184	94	56
LMKS-250	18	33.0	45.0	339	324	308	279	207	106	63
LMKS-250	20	37.0	50.0	377	360	343	310	230	118	70

LMKS-300 Outlet size 75mm. (3") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	300	520	650	750	840	900	
				Head in Metres							
LMKS-300*	3	7.50	10.0	57	53	51	45	36	25	15	
LMKS-300*	4	9.30	12.5	75	70	68	60	48	33	20	
LMKS-300*	5	11.0	15.0	94	88	85	75	60	41	25	
LMKS-300*	6	15.0	20.0	113	105	102	90	72	50	30	
LMKS-300*	7	15.0	20.0	132	123	119	105	84	58	35	
LMKS-300	8	18.5	25.0	151	140	136	120	96	66	40	
LMKS-300	10	22.0	30.0	189	175	170	150	120	83	50	
LMKS-300	12	26.0	35.0	226	210	204	180	144	99	60	
LMKS-300	12	30.0	40.0	226	210	204	180	144	99	60	
LMKS-300	13	30.0	40.0	245	228	221	195	156	107	65	
LMKS-300	15	33.0	45.0	283	263	255	225	180	124	75	
LMKS-300	15	37.0	50.0	283	263	255	225	180	124	75	
LMKS-300	16	37.0	50.0	302	280	272	240	192	132	80	
LMKS-300	18	40.0	55.0	339	315	306	270	216	149	90	
LMKS-300	20	45.0	60.0	377	350	340	300	240	165	100	

Note :

- All pumps with * are ISI marked.
- Please select pumps in the range of discharge shown in bold figure.
- All V8 motors are ISI as per ISI : 9283. [12.5 HP to 60 HP, **Except 17.5 HP**].

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



8" Submersible pumpsets for 200 mm. DIA. Bore well (196 mm. Max DIA.) RADIAL FLOW

LMKS-350 Outlet size 75mm. (3") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	400	650	750	850	920	1050
				Head in Metres						
LMKS-350	3	7.50	10.0	59	53	48	45	39	34	21
LMKS-350	4	11.0	15.0	78	70	64	60	52	45	28
LMKS-350	5	13.0	17.5	98	88	80	75	65	57	35
LMKS-350	6	15.0	20.0	117	105	96	90	78	68	42
LMKS-350	7	18.5	25.0	137	123	112	105	91	79	49
LMKS-350	8	22.0	30.0	156	140	128	120	104	91	56
LMKS-350	9	22.0	30.0	176	158	144	135	117	102	63
LMKS-350	10	26.0	35.0	195	175	160	150	130	113	70
LMKS-350	11	30.0	40.0	215	193	176	165	143	125	77
LMKS-350	12	30.0	40.0	234	210	192	180	156	136	84
LMKS-350	14	37.0	50.0	273	245	224	210	182	159	98
LMKS-350	15	41.0	55.0	293	263	240	225	195	170	105
LMKS-350	16	41.0	55.0	312	280	256	240	208	181	112
LMKS-350	17	45.0	60.0	332	298	272	255	221	193	119

LMKS-400 Outlet size 75mm. (3") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	400	700	850	950	1050	1150
				Head in Metres						
LMKS-400*	2	5.50	7.50	39	37	34	30	24	17	10
LMKS-400*	3	9.30	12.5	58	55	51	45	36	25	15
LMKS-400*	4	11.0	15.0	78	73	68	60	48	34	20
LMKS-400*	5	15.0	20.0	97	91	85	75	60	42	25
LMKS-400	6	18.5	25.0	117	110	102	90	72	50	30
LMKS-400	7	22.0	30.0	136	128	119	105	84	59	35
LMKS-400	8	22.0	30.0	156	146	136	120	96	67	40
LMKS-400	9	26.0	35.0	175	164	153	135	108	75	45
LMKS-400	10	30.0	40.0	194	183	170	150	120	84	50
LMKS-400	12	37.0	50.0	233	219	204	180	144	101	60
LMKS-400	14	40.0	55.0	272	256	238	210	168	117	70
LMKS-400	15	45.0	60.0	292	274	255	225	180	126	75

LMKS-500 Outlet size 75mm. (3") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	400	700	1000	1150	1300	1380
				Head in Metres						
LMKS-500	2	7.50	10.0	42	40	37	30	25	18	12
LMKS-500	3	11.0	15.0	63	60	55	45	38	27	18
LMKS-500	4	15.0	20.0	84	80	73	60	50	36	24
LMKS-500	5	18.5	25.0	105	100	91	75	63	45	30
LMKS-500	6	22.0	30.0	126	120	110	90	75	54	36
LMKS-500	7	26.0	35.0	147	140	128	105	88	63	42
LMKS-500	8	30.0	40.0	168	160	146	120	100	72	48
LMKS-500	9	33.0	45.0	189	180	164	135	113	81	54
LMKS-500	10	37.0	50.0	210	200	183	150	125	90	60
LMKS-500	11	41.0	55.0	231	220	201	165	138	99	66
LMKS-500	12	45.0	60.0	252	240	219	180	150	108	72

Note :

- All pumps with * are ISI marked.
- Please select pumps in the range of discharge shown in bold figure.
- All V8 motors are ISI as per ISI : 9283. [12.5 HP to 60 HP, **Except 17.5 HP**].

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



8" Submersible pumpsets for 200 mm. DIA. Bore well (196 mm. Max DIA.) MIXED FLOW

LMF-30 Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	450	600	750	950	1100	1175	
				Head in Metres							
LMF-30 *	3	7.50	10.0	56	50	47	45	39	29	13	
LMF-30 *	4	9.30	12.5	74	67	63	60	52	38	17	
LMF-30 *	5	11.0	15.0	93	84.0	79	75	65	48	21	
LMF-30 *	6	15.0	20.0	111	101	95	90	78	58	26	
LMF-30 *	7	15.0	20.0	130	118	111	105	91	67	30	
LMF-30	8	18.5	25.0	148	134	126	120	104	77	34	
LMF-30	10	22.0	30.0	185	168	158	150	130	96	43	
LMF-30	12	26.0	35.0	222	202	190	180	156	115	51	

Note : LMF-30 & 40 ISI models are supplied with 3" outlet.

LMF-50 Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	650	1000	1175	1350	1500	1600
				Head in Metres						
LMF-50 *	2	7.50	10.0	42	35	32	30	27	24	18
LMF-50	3	11.0	15.0	63	53	48	45	41	36	27
LMF-50 *	4	15.0	20.0	84	71	64	60	55	48	36
LMF-50	5	18.5	25.0	105	88	80	75	68	60	45
LMF-50	6	22.0	30.0	126	106	96	90	82	72	54
LMF-50	7	26.0	35.0	147	123	112	105	96	84	63
LMF-50	8	30.0	40.0	168	141	128	120	109	96	72
LMF-50	9	33.0	45.0	189	159	144	135	123	108	81
LMF-50	10	37.0	50.0	210	176	160	150	137	120	90
LMF-50	11	40.0	55.0	231	194	176	165	150	132	99
LMF-50	12	45.0	60.0	252	212	192	180	164	144	108

LBF-70 Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	900	1150	1450	1750	2000	2150
				Head in Metres						
LBF-70*	2	11.0	15.0	45	37	34	30	25	20	14
LBF-70*	3	15.0	20.0	67	56	51	45	38	30	21
LBF-70	4	22.0	30.0	89	75	68	60	51	40	28
LBF-70	5	26.0	35.0	112	93	85	75	63	50	35
LBF-70	6	30.0	40.0	134	112	102	90	76	60	42
LBF-70	7	37.0	50.0	156	131	119	105	89	70	49
LBF-70	8	40.0	55.0	179	149	136	120	101	80	56
LBF-70	8	45.0	60.0	179	149	136	120	101	80	56
LBF-70	9	45.0	60.0	201	168	153	135	114	90	63

LMF-40 Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	525	800	1000	1275	1550	1630	
				Head in Metres							
LMF-40 *	2	5.50	7.50	41	35	32	30	26	20	16	
LMF-40 *	3	9.30	12.5	62	53	49	45	39	30	24	
LMF-40 *	4	11.0	15.0	82	70	65	60	52	40	32	
LMF-40 *	5	15.0	20.0	103	88	81	75	65	50	40	
LMF-40	6	18.5	25.0	123	106	97	90	78	60	48	
LMF-40	7	22.0	30.0	144	123	113	105	91	70	56	
LMF-40	8	22.0	30.0	164	141	130	120	104	80	64	
LMF-40	8	26.0	35.0	164	141	130	120	104	80	64	
LMF-40	10	30.0	40.0	205	176	162	150	130	100	80	
LMF-40	12	37.0	50.0	246	211	194	180	156	120	96	

LMF-60 Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	525	875	1325	1500	1800	1875	
				Head in Metres							
LMF-60 *	2	9.30	12.5	42	40	36	30	27	22	16	
LMF-60 *	3	15.0	20.0	63	60	54	45	40	33	24	
LMF-60	4	18.5	25.0	84	80	72	60	54	44	32	
LMF-60	5	22.0	30.0	105	100	90	75	67	55	40	
LMF-60	6	26.0	35.0	126	120	108	90	80	66	48	
LMF-60	6	30.0	40.0	126	120	108	90	80	66	48	
LMF-60	7	30.0	40.0	147	140	126	105	94	77	56	
LMF-60	7	33.0	45.0	147	140	126	105	94	77	56	
LMF-60	8	37.0	50.0	168	160	144	120	107	88	64	
LMF-60	10	45.0	60.0	210	200	180	150	134	110	80	

LBF-80 Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	1100	1400	1600	1900	2200	2400	
				Head in Metres							
LBF-80*	2	11.0	15.0	46	38	34	30	24	16	10	
LBF-80	3	18.5	25.0	69	57	51	45	36	24	15	
LBF-80	4	22.0	30.0	92	76	68	60	48	32	20	
LBF-80	5	30.0	40.0	115	95	85	75	60	40	25	
LBF-80	6	37.0	50.0	138	114	102	90	72	48	30	
LBF-80	7	40.0	55.0	161	133	119	105	84	56	35	
LBF-80	7	45.0	60.0	161	133	119	105	84	56	35	
LBF-80	8	45.0	60.0	184	152	136	120	96	64	40	

Note :

- All pumps with * are ISI marked.
- Please select pumps in the range of discharge shown in bold figure.
- All V8 motors are ISI as per ISI : 9283. [12.5 HP to 60 HP, **Except 17.5 HP**].

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



8" Submersible pumpsets for 200 mm. DIA. Bore well (196 mm. Max DIA.) MIXED FLOW

LBF-81 Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	950	1230	1400	1640	1800	1930
				Head in Metres						
LBF-81	2	11.0	15.0	56	46	42	39	34	30	20
LBF-81	3	18.5	25.0	84	69	63	59	51	45	30
LBF-81	4	26.0	35.0	112	92	84	78	68	60	40
LBF-81	5	30.0	40.0	140	115	105	98	85	75	50
LBF-81	6	37.0	50.0	168	138	126	117	102	90	60
LBF-81	7	45.0	60.0	196	161	147	137	119	105	70

LBF-100 Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	1350	1650	2000	2280	2480	2550
				Head in Metres						
LBF-100 *	2	15.0	20.0	49	40	35	30	24	17	8
LBF-100	3	22.0	30.0	74	60	53	45	36	26	12
LBF-100	4	30.0	40.0	98	80	71	60	48	34	16
LBF-100	5	37.0	50.0	123	100	88	75	60	43	20
LBF-100	6	45.0	60.0	147	120	106	90	72	51	24

LBF-101 Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	1275	1400	1600	1850	2050	2200
				Head in Metres						
LBF-101	2	15.0	20.0	57	44	42	39	35	30	20
LBF-101	3	22.0	30.0	86	66	63	59	52	45	30
LBF-101	4	30.0	40.0	114	88	84	78	70	60	40
LBF-101	5	37.0	50.0	143	110	106	98	87	75	50
LBF-101	6	45.0	60.0	172	132	127	117	104	89	60

LBF-125 Outlet size 125mm. (5") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	1550	1950	2200	2350	2600	2650
				Head in Metres						
LBF-125	1	9.30	12.5	24	20	18	16	14	9	7
LBF-125	2	18.5	25.0	49	40	36	32	28	18	14
LBF-125	3	30.0	40.0	74	60	54	48	42	27	21
LBF-125	4	37.0	50.0	99	80	72	64	56	36	28
LBF-125	5	45.0	60.0	123	100	90	80	70	45	35

Note : ■ All pumps with * are ISI marked.

■ Please select pumps in the range of discharge shown in bold figure.

■ All V8 motors are ISI as per ISI : 9283. [12.5 HP to 60 HP, Except 17.5 HP].

8" Submersible pumpsets Coupled with 6" Motor for 200 mm. DIA. Borewell JANTA MODEL

LMS-30AF Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	300	600	900	1200	1500	1800
				Head in Metres						
LMS-30AF	2	4.50	6.00	36	34	30	27	24	20	11
LMS-30AF	3	7.50	10.0	54	51	45	41	36	30	17
LMS-30AF	4	9.30	12.5	72	68	60	54	48	40	22
LMS-30AF	5	11.0	15.0	90	85	75	68	60	50	28

LMS-40AF Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	450	750	1050	1280	1650	1800
				Head in Metres						
LMS-40AF	2	7.50	10.0	43	36	32	28	24	13	8
LMS-40AF	3	9.30	12.5	65	54	48	42	36	20	12
LMS-40AF	4	11.0	15.0	86	72	64	56	48	26	16
LMS-40AF	5	15.0	20.0	108	90	80	70	60	33	20

LMS-50AF Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	825	1125	1300	1500	1875	2025
				Head in Metres						
LMS-50AF	2	7.50	10.0	43	36	32	28	24	13	8
LMS-50AF	3	11.0	15.0	65	54	48	42	36	20	12
LMS-50AF	4	15.0	20.0	86	72	64	56	48	26	16
LMS-50AF	5	18.5	25.0	108	90	80	70	60	33	20

LMS-60AF Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	975	1325	1500	1725	2100	2200
				Head in Metres						
LMS-60AF	2	9.30	12.5	43	36	32	28	24	13	8
LMS-60AF	3	13.0	17.5	65	54	48	42	36	20	12
LMS-60AF	4	18.5	25.0	86	72	64	56	48	26	16

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



8" Submersible pumpsets Coupled with 6" Motor for 200 mm. DIA. Borewell

JANTA MODEL

LBS-70AF Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	1100	1350	1550	1775	2150	2250
				Head in Metres						
LBS-70AF	2	11.0	15.0	45	36	32	28	24	13	8
LBS-70AF	3	15.0	20.0	68	54	48	42	36	20	12
LBS-70AF	4	22.0	30.0	90	72	64	56	48	26	16

LBS-81AF Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	950	1230	1400	1640	1800	1930
				Head in Metres						
LBS-81AF	2	11.0	15.0	56	46	42	39	34	30	20
LBS-81AF	3	18.5	25.0	84	69	63	59	51	45	30

LBS-101AF Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	250	1275	1400	1600	1850	2050	2200
				Head in Metres							
LBS-101AF	2	15.0	20	57	56	44	42	39	35	30	20
LBS-101AF	3	22.0	30	86	83	66	63	59	52	45	30

Note :

- All pumps with * are ISI marked.
- Please select pumps in the range of discharge shown in bold figure.

LBS-80AF Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	850	1400	1600	1825	2200	2300
				Head in Metres						
LBS-80AF	2	11.0	15.0	46	40	32	28	24	13	8
LBS-80AF	3	18.5	25.0	69	60	48	42	36	20	1

LBS-100AF Outlet size 100mm. (4") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	900	1500	2000	2200	2320	2500
				Head in Metres						
LBS-100AF	2	15.0	20.0	54	48	40	30	24	20	10
LBS-100AF	3	22.0	30.0	81	72	60	45	36	30	15

LBS-125AF Outlet size 125mm. (5") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	1000	1600	2100	2300	2420	2600
				Head in Metres						
LBS-125AF	1	9.30	12.5	27	24	20	15	12	10	5
LBS-125AF	2	18.5	25.0	54	48	40	30	24	20	10

9" Submersible pumpsets for 225 mm. DIA. Borewell. (210 mm. Max. Diameter) MIXED FLOW

LSV-100 Outlet size 150mm. (6") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.					
				0	1000	1280	1600	1900	2150
				Head in Metres					
LSV 100	1	7.50	10.0	26	23	22	20	18	16
LSV 100	2	15.0	20.0	51	46	44	40	36	31
LSV 100	3	22.0	30.0	77	69	66	60	54	47
LSV 100	4	30.0	40.0	102	92	88	80	72	62
LSV 100	5	37.0	50.0	128	115	110	100	90	78
LSV 100	6	45.0	60.0	153	138	132	120	108	93

LSV-150 Outlet size 150mm. (6") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.					
				0	1300	1800	2200	2550	2950
				Head in Metres					
LSV 150	1	11.0	15.0	27	24	22	20	18	15
LSV 150	2	22.0	30.0	54	48	44	40	36	30
LSV 150	3	33.0	45.0	81	72	66	60	54	45
LSV 150	4	45.0	60.0	108	96	88	80	72	60

LSV-125 Outlet size 150mm. (6") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.					
				0	1125	1600	1900	2350	2750
				Head in Metres					
LSV 125	1	9.30	12.5	26	23	22	20	18	16
LSV 125	2	18.5	25.0	52	46	43	40	36	31
LSV 125	3	30.0	40.0	78	69	65	60	54	47
LSV 125	4	37.0	50.0	104	92	86	80	72	62
LSV 125	5	45.0	60.0	130	115	108	100	90	78

Note :

- LSV models will be supplied with 8" motor up to 60 HP.
- Please select pumps in the range of discharge shown in bold figure.
- All V8 motors are ISI as per ISI : 9283. [12.5 HP to 60 HP, **Except 17.5 HP**].

Borewell Submersible Pumpsets

125 mm, 150 mm, 158 mm, 200 mm & 250 mm



10" Submersible pumpsets for 250 mm. DIA. Borewell. (245 mm. Max. Diameter) MIXED FLOW

LSP-150A Outlet size 150mm. (6") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	1000	1160	1440	1800	2130	2450
				Head in Metres						
LSP 150A	1	11.0	15.0	34	30	29	27	24	21	18
LSP 150A	2	22.0	30.0	67	60	58	54	48	42	36
LSP 150A	3	33.0	45.0	101	90	87	81	72	63	54
LSP 150A	4	45.0	60.0	134	120	116	108	96	84	72
LSP 150A	5	55.0	75.0	168	150	145	135	120	105	90
LSP 150A	6	66.0	90.0	201	180	174	162	144	126	108
LSP 150A	7	79.0	105.0	235	210	203	189	168	147	126
LSP 150A	8	90.0	120.0	268	240	232	216	192	168	144

LSP-200A Outlet size 150mm. (6") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.					
				0	1300	2000	2500	3000	3400
				Head in Metres					
LSP 200A	1	15.0	20.0	34	28	25	22	19	14
LSP 200A	2	30.0	40.0	68	56	50	44	38	28
LSP 200A	3	45.0	60.0	102	84	75	66	57	42
LSP 200A	4	60.0	80.0	136	112	100	88	76	56
LSP 200A	5	75.0	100.0	170	140	125	110	95	70
LSP 200A	6	90.0	120.0	204	168	150	132	114	84

LSP-250A Outlet size 150mm. (6") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	1600	2180	2550	2900	3200	4000
				Head in Metres						
LSP 250A	1	18.5	25.0	35	30	27	25	23	21	16
LSP 250A	2	37.0	50.0	70	60	54	50	46	42	32
LSP 250A	3	55.0	75.0	105	90	81	75	69	63	48
LSP 250A	4	75.0	100.0	140	120	108	100	92	84	64

LSP-300A Outlet size 150mm. (6") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	2600	3200	3700	4150	4530	4820
				Head in Metres						
LSP 300A	1	22.0	30.0	34	28	26	24	22	20	18
LSP 300A	2	45.0	60.0	68	56	52	48	44	40	36
LSP 300A	3	66.0	90.0	102	84	78	72	66	60	54
LSP 300A	4	90.0	120.0	136	112	104	96	88	80	72

Borewell Submersible pumpsets MIXED FLOW

LSP-350A Outlet size 250mm. (10") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.						
				0	2300	3500	4600	5100	5300	5400
				Head in Metres						
LSP 350A	1	26.0	35.0	41	35	30	25	22	18	15
LSP 350A	2	52.0	70.0	81	70	60	50	44	35	30
LSP 350A	3	75.0	100.0	122	105	90	75	66	53	45
LSP 350A	4	110.0	150.0	162	140	120	100	88	70	60
LSP 350A	5	130.0	175.0	203	175	150	125	110	88	75
LSP 350A	6	150.0	200.0	243	210	180	150	132	105	90
LSP 350A	7	184.0	250.0	284	245	210	175	154	123	105

LSP-500A Outlet size 250mm. (10") n = 2880 rpm

Pump Type	Stage	K.W.	H.P.	Discharge in L.P.M.							
				0	3100	4000	5600	7100	7700	8100	
				Head in Metres							
LSP 500A	1	37.0	50.0	41	33	30	25	20	18	15	
LSP 500A	2	75.0	100.0	82	65	60	50	40	35	30	
LSP 500A	3	110.0	150.0	123	98	90	75	60	53	45	
LSP 500A	4	150.0	200.0	164	130	120	100	80	70	60	
LSP 500A	5	184.0	250.0	205	163	150	125	100	88	75	

Note :

- LSP models upto 80 HP will be supplied with 8" motor. (10" motor will be available on request with extra cost).
- LSP models above 80 HP will be supplied with 10" motor.
- Please select pumps in the range of discharge shown in bold figure.
- All V8 motors are ISI as per ISI : 9283. [12.5 HP to 60 HP, **Except 17.5 HP**].

Borewell Submersible Pumpsets

100 mm to 250 mm Stainless Steel



Description

Lubi Stainless Steel Submersibles Pumpsets are manufactured as per IS : 8034 strict quality control for year of efficient & reliable operation.

Salient Features

- Wide range of pumps to match with different duty points.
- Since Pumps are made out of stainless steel sheet metal, Resulting in low friction loss, high pump overall efficiency & low operating cost.
- Provides very good wear resistance due to stainless steel construction.
- Lighter in weight which reduces installation cost.
- The strainer is permanently fitted on the pump and it is not required to be removed when pump is coupled with motor, this ensures that strainer is always installed properly preventing damage to the pump from small stones entering the pump.
- All pumps are equipped with a reliable non-return valve to reduce water hammer.
- Better life in sand & other abrasives as well as sea water (salty) application.
- Pumps are equipped with replaceable stainless steel wear rings on the impeller.
- In case of reduction in flow due to increase in clearance only the wear ring needs to be changed instead of impeller.
- 100% high-grade stainless steel inside and outside provides maximum reliability.
- Since pumps are made out of 100% stainless steel material they are best suited for hygienic drinking water application.
- Stainless steel construction - rust free - hygienic water supply.

Material of Construction

Bowl	:	AISI 304
Impeller	:	AISI 304
Pump Shaft	:	AISI 431
Suction Case	:	AISI 304
NRV	:	AISI 304
Strainer	:	AISI 304

Operating Conditions

- Water temperature up to 45° C.
- Max. Sand quality in water : 50 g/m³
- Direction of rotation : Clockwise as seen from the pump coupling side.
- Suitable for aggressive water.

Applications

- Water supply
- Irrigation
- Civil and Industrial
- Fire Fighting
- Sandy & Salty water
- Agriculture
- Water treatment plant
- Cooling water circulation

Borewell Submersible Pumpsets

100 mm to 250 mm Stainless Steel



4" Submersible pumpsets for 100 mm. DIA. Borewell (101 mm. Max. Diameter) RADIAL FLOW

LRSW1A/1H/1H+, LKTW1A/1H/1H+ Outlet size 32mm
LDSW1A/1H/1H+, LDTW1A/1H/1H+ n = 2900 rpm

Pump Type	Stg.	H.P.	KW	Discharge in L.P.M.					
				0	3.3	10	15	20	24.7
				Head in Meters					
LRSW1A / LKTW1A	9	0.50	0.37	53	53	47	39	28	14
LRSW1A / LKTW1A	14	0.50	0.37	81	79	70	58	40	20
LRSW1A / LKTW1A	18	0.75	0.55	106	103	92	76	54	26
LRSW1A / LKTW1A	21	0.75	0.55	122	119	105	87	61	30
LRSW1A / LKTW1A	28	1.00	0.75	163	160	142	118	83	40
LRSW1H/1H+, LKTW1H/1H+	36	1.50	1.10	199	196	170	137	93	48
LRSW1H/1H+, LKTW1H/1H+	42	1.50	1.10	231	226	197	158	107	54
LRSW1H/1H+, LKTW1H/1H+	50	2.00	1.50	277	271	236	188	130	67
LRSW1H/1H+, LKTW1H/1H+	57	2.00	1.50	313	306	266	213	145	73

LRSW3A/3H/3H+, LKTW3A/3H/3H+ Outlet size 32mm
LDSW3A/3H/3H+, LDTW3A/3H/3H+ n = 2900 rpm

Pump Type	Stg.	H.P.	KW	Discharge in L.P.M.					
				0	13	27	40	53	73
				Head in Meters					
LRSW3A / LKTW3A	6	0.50	0.37	38	36	33	30	24	10
LRSW3A / LKTW3A	9	0.75	0.55	57	54	50	44	36	15
LRSW3A / LKTW3A	12	1.00	0.75	76	72	67	60	49	20
LRSW3A / LKTW3A	15	1.50	1.10	95	90	84	76	62	26
LRSW3A / LKTW3A	18	1.50	1.10	113	107	100	90	73	30
LRSW3A / LKTW3A	22	2.00	1.50	139	131	122	110	89	38
LRSW3A / LKTW3A	25	2.00	1.50	157	149	138	124	100	41
LRSW3A / LKTW3A	29	3.00	2.20	184	174	163	147	120	52
LRSW3A / LKTW3A	33	3.00	2.20	209	197	184	166	135	57
LRSW3H/3H+, LKTW3H/3H+	39	4.00	3.00	246	233	220	201	170	90
LRSW3H/3H+, LKTW3H/3H+	45	4.00	3.00	282	267	252	230	193	100
LRSW3H/3H+, LKTW3H/3H+	52	5.00	3.70	328	310	294	269	227	120
LRSW3H/3H+, LKTW3H/3H+	60	5.00	3.70	378	357	336	306	258	134
LRSW3H/3H+, LKTW3H/3H+	75	7.50	5.50	434	408	378	343	291	162

LRSW2A/2H/2H+, LKTW2A/2H/2H+ Outlet size 32mm
LDSW2A/2H/2H+, LDTW2A/2H/2H+ n = 2900 rpm

Pump Type	Stg.	H.P.	KW	Discharge in L.P.M.					
				0	6.7	20	27	33	45
				Head in Meters					
LRSW2A / LKTW2A	6	0.50	0.37	36	35	32	29	24	10
LRSW2A / LKTW2A	9	0.50	0.37	54	52	47	41	34	14
LRSW2A / LKTW2A	13	0.75	0.55	78	76	67	59	50	21
LRSW2A / LKTW2A	18	1.00	0.75	108	105	93	83	69	29
LRSW2A / LKTW2A	23	1.50	1.10	138	135	120	107	90	39
LRSW2A / LKTW2A	28	2.00	1.50	168	165	147	132	110	48
LRSW2A / LKTW2A	33	2.00	1.50	196	192	171	154	128	54
LRSW2H/2H+, LKTW2H/2H+	40	3.00	2.20	245	239	213	190	158	62
LRSW2H/2H+, LKTW2H/2H+	48	3.00	2.20	292	284	252	225	185	70
LRSW2H/2H+, LKTW2H/2H+	55	4.00	3.00	336	327	290	260	214	85
LRSW2H/2H+, LKTW2H/2H+	65	4.00	3.00	394	385	340	302	249	94
LRSW2H/2H+, LKTW2H/2H+	75	5.00	3.70	458	447	397	355	293	118
LRSW2H/2H+, LKTW2H/2H+	90	5.00	3.70	547	532	469	419	344	129

LRSW5A/5H/5H+, LKTW5A/5H/5H+ Outlet size 38mm
LDSW5A/5H/5H+, LDTW5A/5H/5H+ n = 2900 rpm

Pump Type	Stg.	H.P.	KW	Discharge in L.P.M.					
				0	13	40	67	93	113
				Head in Meters					
LRSW5A / LKTW5A	4	0.50	0.37	26	24	23	20	14	-
LRSW5A / LKTW5A	6	0.75	0.55	39	36	32	29	20	11
LRSW5A / LKTW5A	8	1.00	0.75	51	48	44	38	27	15
LRSW5A / LKTW5A	12	1.50	1.10	77	72	65	57	40	22
LRSW5A / LKTW5A	17	2.00	1.50	109	103	92	80	57	30
LRSW5A / LKTW5A	21	3.00	2.20	135	127	116	100	73	40
LRSW5A / LKTW5A	25	3.00	2.20	160	150	137	118	84	45
LRSW5A / LKTW5A	33	4.00	3.00	211	198	179	154	110	59
LRSW5H/5H+, LKTW5H/5H+	38	5.00	3.70	250	236	213	186	134	72
LRSW5H/5H+, LKTW5H/5H+	44	5.00	3.70	281	265	239	207	148	80
LRSW5H/5H+, LKTW5H/5H+	52	7.50	5.50	333	315	285	249	179	100
LRSW5H/5H+, LKTW5H/5H+	60	7.50	5.50	384	365	326	283	202	110

4" Submersible pumpsets for 100 mm. DIA. Borewell (101 mm. Max. Diameter) MIXED FLOW

LRSW8A / LKTW8A Outlet size 50mm
LDSW8A / LDTW8A n = 2900 rpm

Pump Type	Stage	H.P.	KW	Discharge in L.P.M.					
				0	50	83	108	133	190
				Head in Meters					
LRSW8A / LKTW8A	5	1.00	0.75	30	27	25	23	20	11
LRSW8A / LKTW8A	7	1.50	1.10	41	38	35	32	29	15
LRSW8A / LKTW8A	10	2.00	1.50	60	54	49	45	40	22
LRSW8A / LKTW8A	12	3.00	2.20	73	65	60	56	50	29
LRSW8A / LKTW8A	15	3.00	2.20	90	80	73	68	61	33
LRSW8A / LKTW8A	18	4.00	3.00	108	96	87	81	73	40
LRSW8A / LKTW8A	21	5.00	3.70	127	113	104	97	88	49
LRSW8A / LKTW8A	25	5.00	3.70	150	134	123	114	104	56
LRSW8A / LKTW8A	30	7.50	5.50	180	160	146	135	121	64
LRSW8A / LKTW8A	37	7.50	5.50	221	195	178	165	147	75

LRSW14A / LKTW14A Outlet size 50mm
LDSW14A / LDTW14A n = 2900 rpm

Pump Type	Stage	H.P.	KW	Discharge in L.P.M.					
				0	68	133	200	267	313
				Head in Meters					
LRSW14A / LKTW14A	5	2.00	1.50	33	33	30	26	19	12
LRSW14A / LKTW14A	7	3.00	2.20	46	46	42	37	27	18
LRSW14A / LKTW14A	10	4.00	3.00	66	66	60	52	38	24
LRSW14A / LKTW14A	13	5.00	3.70	86	86	78	67	50	32
LRSW14A / LKTW14A	18	7.50	5.50	119	118	108	94	69	44

Note :

- LRSW / LKTW - Water Filled Motor
- LDSW / LDTW - Oil Filled Motor
- Performance of LDSW / LDTW is same as LRSW / LKTW
- S - Single phase, T - Three phase.

Borewell Submersible Pumpsets

100 mm to 250 mm Stainless Steel



LSKW Stainless Steel Pump with Routine Construction 134 mm Motor

RADIAL FLOW

Construction

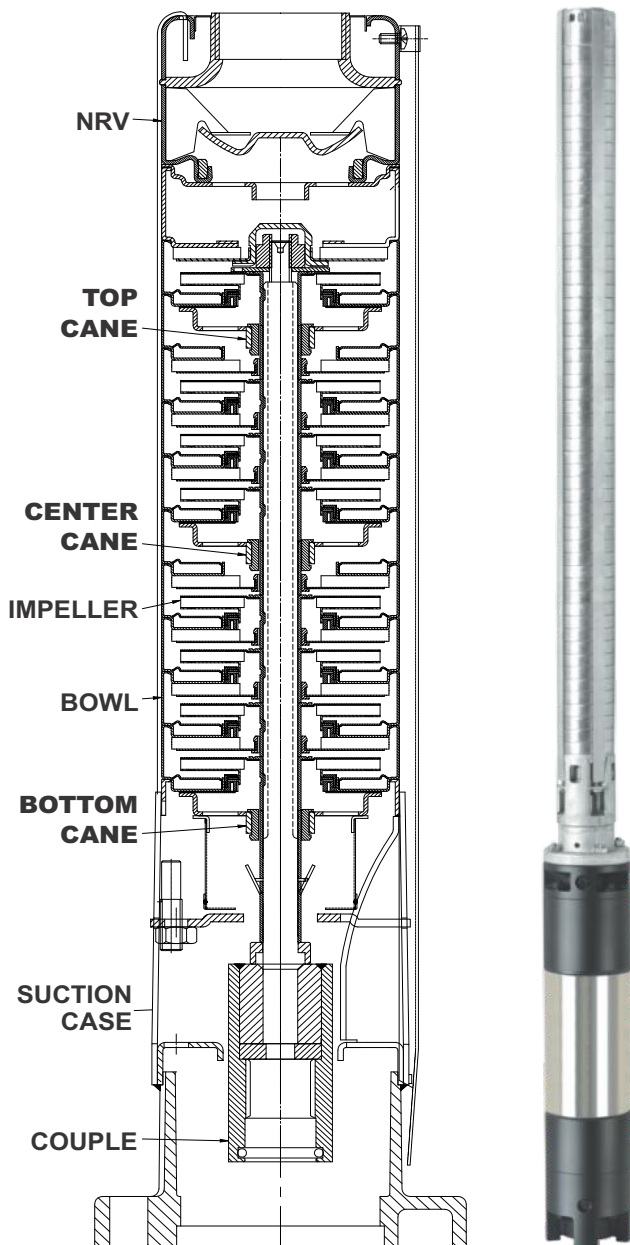
- Submersible motor 134 mm with heavy thrust bearing set.
- Sized for connection to the motor according to NEMA standards (Spline Shaft).
- Delivery casing with built-in non-return valve.
- All standard pumps are completely manufactured out of stainless steel AISI 304 sheet metal.
- Impellers : Radial flow impellers

Operating conditions

- Liquid temperature: 0°C to +45°C
- Max. sand content into the water: 50 g/m³
- Max. starts per hour: 30 at regular intervals
- Direction of rotation: Clockwise as seen from the pump coupling side

Applications

- Water supply • Irrigation • Civil • Industrial • Fire fighting



LSKW-2H/2H+ Outlet size 32mm n = 2900 rpm

Pump Type	Stg.	H.P.	KW	Discharge in L.P.M.					
				0	6.7	20	27	33	45
Head in Meters									
LSKW-2H/2H+	40	3.00	2.20	245	239	213	190	158	62
LSKW-2H/2H+	48	3.00	2.20	292	284	252	225	185	70

LSKW-3A/3H/3H+ Outlet size 32mm n = 2900 rpm

Pump Type	Stg.	H.P.	KW	Discharge in L.P.M.					
				0	13	27	40	53	73
Head in Meters									
LSKW-3A	33	3.00	2.20	209	197	184	166	135	57
LSKW-3H/3H+	52	5.00	3.70	328	310	294	269	227	120
LSKW-3H/3H+	60	5.00	3.70	378	357	336	306	258	134
LSKW-3H/3H+	75	7.50	5.50	434	408	378	343	291	162

LSKW-5H/5H+ Outlet size 38mm n = 2900 rpm

Pump Type	Stg.	H.P.	KW	Discharge in L.P.M.					
				0	13	40	67	93	113
Head in Meters									
LSKW-5H/5H+	38	5.00	3.70	250	236	213	186	134	72
LSKW-5H/5H+	44	5.00	3.70	281	265	239	207	148	80
LSKW-5H/5H+	52	6.00	4.50	333	315	285	249	179	100
LSKW-5H/5H+	60	7.50	5.50	384	365	326	283	202	110
LSKW-5H/5H+	75	10.0	7.50	480	453	409	355	254	137

LSKW-8A Outlet size 50mm n = 2900 rpm

Pump Type	Stage	H.P.	KW	Discharge in L.P.M.					
				0	50	83	108	133	190
Head in Meters									
LSKW-8A	25	5.00	3.70	150	134	123	114	104	56
LSKW-8A	40	7.50	5.50	239	211	192	178	159	81

LRW-2 Outlet size 38mm n = 2900 rpm

Pump Type	Stage	H.P.	KW	Discharge in L.P.M.					
				0	25	35	45	52	62
Head in Meters									
LRW-2	67	10.0	7.50	610	540	490	405	310	210

Borewell Submersible Pumpsets

100 mm to 250 mm Stainless Steel



6" Submersible pumpsets for 150 mm. DIA. Borewell. (142 mm. Max. Diameter) RADIAL FLOW

LSJ-6 Outlet size 65mm n = 2900 rpm

Pump Type	Stage	H.P.	KW	Discharge in L.P.M.						
				0	70	90	110	160	190	220
				Head in Meters						
LSJ 6	10	4.00	3.00	102	90	85	80	63	50	30
LSJ 6	14	4.00	3.00	143	125	119	112	89	70	42
LSJ 6	15	5.00	3.70	153	134	128	120	95	75	45
LSJ 6	19	5.00	3.70	194	170	162	152	120	94	57
LSJ 6	20	7.50	5.50	204	179	170	160	127	99	60
LSJ 6	26	7.50	5.50	265	233	221	208	165	129	78
LSJ 6	27	10.0	7.50	275	242	230	216	171	134	81
LSJ 6	31	10.0	7.50	316	278	264	248	197	154	93
LSJ 6	35	10.0	7.50	357	314	298	280	222	174	105
LSJ 6	36	12.5	9.30	367	323	306	288	228	179	108
LSJ 6	41	12.5	9.30	418	367	349	328	260	204	123

LSJ-9 Outlet size 65mm n = 2900 rpm

Pump Type	Stage	H.P.	KW	Discharge in L.P.M.						
				0	100	133	160	200	235	275
				Head in Meters						
LSJ 9	8	4.00	3.00	81	71	66	60	49	32	6
LSJ 9	11	4.00	3.00	111	98	91	83	67	44	8
LSJ 9	12	5.00	3.70	122	107	99	90	73	48	9
LSJ 9	15	5.00	3.70	152	134	124	113	91	60	11
LSJ 9	16	7.50	5.50	162	143	132	120	97	64	12
LSJ 9	20	7.50	5.50	203	179	165	150	121	80	15
LSJ 9	21	10.0	7.50	213	187	173	158	127	84	15
LSJ 9	26	10.0	7.50	263	232	215	195	158	104	19
LSJ 9	27	12.5	9.30	273	241	223	203	164	108	20
LSJ 9	31	12.5	9.30	314	277	256	233	188	124	23
LSJ 9	32	15.0	11.0	324	286	264	240	194	128	24
LSJ 9	40	17.5	13.0	405	357	330	300	243	160	30

LSJ-12 Outlet size 65mm n = 2900 rpm

Pump Type	Stage	H.P.	KW	Discharge in L.P.M.						
				0	150	182	210	240	280	320
				Head in Meters						
LSJ 12	6	3.00	2.20	63	54	50	45	38	27	15
LSJ 12	8	4.00	3.00	84	72	67	60	51	37	20
LSJ 12	9	5.00	3.70	95	81	75	68	57	41	23
LSJ 12	12	5.00	3.70	126	109	100	90	76	55	30
LSJ 12	13	7.50	5.50	137	118	108	98	82	59	33
LSJ 12	16	7.50	5.50	168	145	133	120	101	73	40
LSJ 12	17	10.0	7.50	179	154	142	128	108	78	43
LSJ 12	21	10.0	7.50	221	190	175	158	133	96	53
LSJ 12	22	12.5	9.30	231	199	183	165	139	100	55
LSJ 12	25	12.5	9.30	263	226	208	188	158	114	63
LSJ 12	26	15.0	11.0	273	235	217	195	165	119	65
LSJ 12	31	15.0	11.0	326	281	258	233	196	142	78
LSJ 12	32	17.5	13.0	336	290	267	240	203	146	80
LSJ 12	35	17.5	13.0	368	317	292	263	222	160	88
LSJ 12	36	20.0	15.0	378	326	300	270	228	164	90
LSJ 12	40	20.0	15.0	420	362	333	300	253	183	100

LSJ-17 Outlet size 65mm n = 2900 rpm

Pump Type	Stage	H.P.	KW	Discharge in L.P.M.						
				0	100	150	190	225	260	300
				Head in Meters						
LSJ 17	6	4.00	3.00	68	65	61	56	49	39	26
LSJ 17	8	5.00	3.70	91	87	81	75	65	52	35
LSJ 17	10	5.00	3.70	113	108	102	93	82	65	43
LSJ 17	11	7.50	5.50	125	119	112	103	90	72	48
LSJ 17	13	7.50	5.50	147	141	132	121	106	85	56
LSJ 17	14	10.0	7.50	159	152	142	131	114	91	61
LSJ 17	17	10.0	7.50	193	184	173	159	139	111	74
LSJ 17	18	12.5	9.30	204	195	183	168	147	117	78
LSJ 17	21	12.5	9.30	238	228	214	196	172	137	91
LSJ 17	22	15.0	11.0	249	238	224	205	180	143	95
LSJ 17	25	15.0	11.0	283	271	254	233	204	163	108
LSJ 17	26	17.5	13.0	295	282	264	243	212	169	113
LSJ 17	29	17.5	13.0	329	314	295	271	237	189	126
LSJ 17	30	20.0	15.0	340	325	305	280	245	195	130
LSJ 17	34	20.0	15.0	385	368	346	317	278	221	147
LSJ 17	35	25.0	18.5	397	379	356	327	286	228	152
LSJ 17	38	25.0	18.5	431	412	386	355	310	247	165
LSJ 17	42	25.0	18.5	476	455	427	392	343	273	182

Borewell Submersible Pumpsets

100 mm to 250 mm Stainless Steel



6" Submersible pumpsets for 150 mm. DIA. Borewell. (142 mm. Max. Diameter) RADIAL FLOW

LSJ-17A Outlet size 65mm n = 2900 rpm

Pump Type	Stage	H.P.	KW	Discharge in L.P.M.						
				0	210	260	305	355	405	450
				Head in Meters						
LSJ 17A	5	4.00	3.00	59	50	46	41	34	25	15
LSJ 17A	6	5.00	3.70	71	60	55	49	41	30	18
LSJ 17A	8	7.50	5.50	94	80	74	66	54	40	24
LSJ 17A	10	7.50	5.50	118	100	92	82	68	50	30
LSJ 17A	11	10.0	7.50	130	110	101	90	75	55	33
LSJ 17A	13	10.0	7.50	153	130	120	107	88	65	39
LSJ 17A	14	12.5	9.30	165	140	129	115	95	70	42
LSJ 17A	16	12.5	9.30	189	160	147	131	109	80	48
LSJ 17A	17	15.0	11.0	201	170	156	139	116	85	51
LSJ 17A	19	15.0	11.0	224	190	175	156	129	95	57
LSJ 17A	20	17.5	13.0	236	200	184	164	136	100	60
LSJ 17A	22	17.5	13.0	260	220	202	180	150	110	66
LSJ 17A	23	20.0	15.0	271	230	212	189	156	115	69
LSJ 17A	25	20.0	15.0	295	250	230	205	170	125	75
LSJ 17A	26	25.0	18.5	307	260	239	213	177	130	78
LSJ 17A	29	25.0	18.5	342	290	267	238	197	145	87
LSJ 17A	32	25.0	18.5	378	320	294	262	218	160	96
LSJ 17A	33	30.0	22.0	389	330	304	271	224	165	99
LSJ 17A	36	30.0	22.0	425	360	331	295	245	180	108
LSJ 17A	38	30.0	22.0	448	380	350	312	258	190	114

LSJ-20 Outlet size 65mm n = 2900 rpm

Pump Type	Stage	H.P.	KW	Discharge in L.P.M.							
				0	215	307	340	390	450	485	
				Head in Meters							
LSJ 20	4	4.00	3.00	43	38	34	32	28	21	14	
LSJ 20	5	5.00	3.70	54	48	43	40	35	26	18	
LSJ 20	6	5.00	3.70	65	57	51	48	42	32	21	
LSJ 20	7	7.50	5.50	75	67	60	56	49	37	25	
LSJ 20	8	7.50	5.50	86	76	68	64	56	42	28	
LSJ 20	9	10.0	7.50	97	86	77	72	63	47	32	
LSJ 20	10	10.0	7.50	108	95	85	80	70	53	35	
LSJ 20	11	12.5	9.30	118	105	94	88	77	58	39	
LSJ 20	12	12.5	9.30	129	114	102	96	84	63	42	
LSJ 20	13	12.5	9.30	140	124	111	104	91	68	46	
LSJ 20	14	15.0	11.0	151	133	119	112	98	74	49	
LSJ 20	15	15.0	11.0	161	143	128	120	105	79	53	
LSJ 20	16	17.5	13.0	172	152	136	128	112	84	56	
LSJ 20	17	17.5	13.0	183	162	145	136	119	89	60	
LSJ 20	18	17.5	13.0	194	171	153	144	126	95	63	
LSJ 20	19	20.0	15.0	204	181	162	152	133	100	67	
LSJ 20	20	20.0	15.0	215	190	170	160	140	105	70	
LSJ 20	21	25.0	18.5	226	200	179	168	147	110	74	
LSJ 20	22	25.0	18.5	237	209	187	176	154	116	77	
LSJ 20	23	25.0	18.5	247	219	196	184	161	121	81	
LSJ 20	24	25.0	18.5	258	228	204	192	168	126	84	
LSJ 20	25	25.0	18.5	269	238	213	200	175	131	88	
LSJ 20	26	30.0	22.0	280	247	221	208	182	137	91	
LSJ 20	27	30.0	22.0	290	257	230	216	189	142	95	
LSJ 20	28	30.0	22.0	301	266	238	224	196	147	98	
LSJ 20	29	30.0	22.0	312	276	247	232	203	152	102	
LSJ 20	30	30.0	22.0	323	285	255	240	210	158	105	

LSJ-24 Outlet size 65mm n = 2900 rpm

Pump Type	Stage	H.P.	KW	Discharge in L.P.M.						
				0	320	385	430	485	520	585
				Head in Meters						
LSJ 24	3	4.00	3.00	34	28	26	24	21	17	9
LSJ 24	4	5.00	3.70	45	37	35	32	27	23	12
LSJ 24	6	7.50	5.50	68	56	52	48	41	34	18
LSJ 24	8	10.0	7.50	91	75	69	64	55	45	24
LSJ 24	10	12.5	9.30	113	93	87	80	68	57	30
LSJ 24	12	15.0	11.0	136	112	104	96	82	68	36
LSJ 24	14	17.5	13.0	159	131	121	112	96	79	42
LSJ 24	16	20.0	15.0	181	149	139	128	109	91	48
LSJ 24	18	25.0	18.5	204	168	156	144	123	102	54
LSJ 24	20	25.0	18.5	227	187	173	160	137	113	60
LSJ 24	22	30.0	22.0	249	205	191	176	150	125	66
LSJ 24	25	30.0	22.0	283	233	217	200	171	142	75

Borewell Submersible Pumpsets

100 mm to 250 mm Stainless Steel



6" Submersible pumpsets for 150 mm. DIA. Borewell. (142 mm. Max. Diameter) MIXED FLOW

LSW-10		Outlet size 65mm		n = 2900 rpm					
Pump Type	Stage	H.P.	KW	Discharge in L.P.M.					
				100	133	167	200	250	300
				Head in Meters					
LSW 10	7	3.00	2.20	69	64	58	53	44	32
LSW 10	10	4.00	3.00	98	92	83	75	63	45
LSW 10	12	5.50	4.00	118	110	100	90	76	54
LSW 10	14	5.50	4.00	138	128	117	105	89	63
LSW 10	15	7.50	5.50	148	138	125	113	95	68
LSW 10	18	7.50	5.50	177	165	150	135	114	81
LSW 10	20	7.50	5.50	197	183	167	150	127	90
LSW 10	24	10.0	7.50	236	220	200	180	152	108
LSW 10	30	12.5	9.30	295	275	250	225	190	135
LSW 10	36	15.0	11.0	354	330	300	270	228	162
LSW 10	44	20.0	15.0	433	403	367	330	279	198
LSW 10	54	25.0	18.5	531	495	450	405	342	243

LSW-15		Outlet size 65mm		n = 2900 rpm					
Pump Type	Stage	H.P.	KW	Discharge in L.P.M.					
				100	167	200	233	267	300
				Head in Meters					
LSW 15	6	3.00	2.20	60	57	52	48	43	38
LSW 15	8	4.00	3.00	80	76	70	64	57	51
LSW 15	11	5.50	4.00	110	105	96	88	78	70
LSW 15	15	7.50	5.50	150	143	131	120	107	96
LSW 15	20	10.0	7.50	200	190	174	160	142	128
LSW 15	25	12.5	9.30	250	238	218	200	178	160
LSW 15	30	15.0	11.0	300	285	261	240	213	192
LSW 15	35	17.5	13.0	350	333	305	280	249	224
LSW 15	40	20.0	15.0	400	380	348	320	284	256
LSW 15	50	25.0	18.5	500	475	435	400	355	320

LSW-17		Outlet size 65mm		n = 2900 rpm						
Pump Type	Stage	H.P.	KW	Discharge in L.P.M.						
				0	67	133	200	267	333	369
				Head in Meters						
LSW 17	1	0.75	0.55	12	11	10	9	7	5	4
LSW 17	2	1.50	1.10	23	22	21	19	16	11	9
LSW 17	3	3.00	2.20	34	34	32	30	25	19	15
LSW 17	4	3.00	2.20	45	44	43	39	33	24	19
LSW 17	5	4.00	3.00	56	56	54	49	41	31	24
LSW 17	6	5.50	4.00	68	67	65	59	50	38	31
LSW 17	8	7.50	5.50	91	90	87	80	68	52	42
LSW 17	10	7.50	5.50	112	111	107	98	83	63	50
LSW 17	11	10.0	7.50	124	123	120	110	94	72	57
LSW 17	13	10.0	7.50	145	144	140	128	109	82	65
LSW 17	14	12.5	9.30	157	157	152	139	119	91	73
LSW 17	17	12.5	9.30	189	188	182	167	141	107	84
LSW 17	18	15.0	11.0	202	200	194	179	153	116	92
LSW 17	20	15.0	11.0	224	221	214	196	166	127	100
LSW 17	21	17.5	13.0	236	234	227	210	179	137	110
LSW 17	24	17.5	13.0	267	266	258	236	200	152	120
LSW 17	25	20.0	15.0	280	280	270	249	212	162	130
LSW 17	26	20.0	15.0	291	289	280	258	220	167	134
LSW 17	27	20.0	15.0	301	299	290	267	227	172	137
LSW 17	28	25.0	18.5	315	314	305	280	240	185	150
LSW 17	33	25.0	18.5	369	368	356	327	280	212	169
LSW 17	34	30.0	22.0	382	380	370	340	291	223	179
LSW 17	37	30.0	22.0	413	412	400	368	313	240	190
LSW 17	40	30.0	22.0	446	444	430	394	335	255	202

LSW-17		Outlet size 65mm		n = 2900 rpm					
Pump Type	Stage	H.P.	KW	Discharge in L.P.M.					
				133	233	267	300	333	367
				Head in Meters					
LSW 17	5	3.00	2.20	54	45	41	37	31	25
LSW 17	6	4.00	3.00	65	55	50	45	38	31
LSW 17	8	5.50	4.00	87	74	68	61	52	42
LSW 17	9	7.50	5.50	97	83	76	67	58	46
LSW 17	12	7.50	5.50	130	111	101	90	77	62
LSW 17	16	10.0	7.50	172	147	134	119	102	82
LSW 17	20	12.5	9.30	214	183	167	148	126	101
LSW 17	24	15.0	11.0	258	220	201	178	152	122
LSW 17	27	17.5	13.0	290	249	227	202	173	139
LSW 17	32	20.0	15.0	346	297	272	242	208	168
LSW 17	37	25.0	18.5	400	343	314	279	240	193
LSW 17	43	30.0	22.0	466	400	366	326	280	227

Borewell Submersible Pumpsets

100 mm to 250 mm Stainless Steel



6" Submersible pumpsets for 150 mm. DIA. Borewell. (142 mm. Max. Diameter) MIXED FLOW

LSW-30		Outlet size 75mm		n = 2900 rpm						
Pump Type	Stage	H.P.	KW	Discharge in L.P.M.						
				0	133	267	400	467	533	650
				Head in Meters						
LSW 30	1	1.50	1.10	12	11	10	8	7	6	3
LSW 30	2	3.00	2.20	23	23	20	17	16	13	8
LSW 30	3	4.00	3.00	35	34	30	26	24	20	12
LSW 30 *	4	5.50	4.00	46	45	40	35	32	27	16
LSW 30 *	5	7.50	5.50	58	56	51	45	41	35	22
LSW 30 *	6	7.50	5.50	69	67	60	53	48	41	26
LSW 30 *	7	10.0	7.50	81	78	71	62	57	49	31
LSW 30 *	8	10.0	7.50	91	89	81	71	64	55	35
LSW 30 *	9	12.5	9.30	103	101	91	80	73	63	40
LSW 30 *	11	12.5	9.30	125	122	110	96	87	75	46
LSW 30 *	13	15.0	11.0	148	144	130	114	103	89	55
LSW 30 *	15	17.5	13.0	171	167	150	133	121	103	64
LSW 30 *	17	20.0	15.0	194	189	171	150	136	118	74
LSW 30 *	18	25.0	18.5	207	203	184	163	148	129	82
LSW 30 *	21	25.0	18.5	241	236	214	187	170	147	92
LSW 30	22	30.0	22.0	252	246	223	197	180	157	99
LSW 30	26	30.0	22.0	296	289	260	229	208	179	112

LSW-60		Outlet size 75mm		n = 2900 rpm						
Pump Type	Stage	H.P.	KW	Discharge in L.P.M.						
				0	333	500	667	833	1167	1300
				Head in Meters						
LSW 60	1-A	2.00	1.50	11	10	8	7	6	1	-
LSW 60	1	3.00	2.20	14	13	11	9	8	4	1
LSW 60	2-B	4.00	3.00	22	21	18	16	13	6	1
LSW 60	2	5.50	4.00	28	26	23	19	17	10	6
LSW 60	3	7.50	5.50	42	39	35	30	26	16	10
LSW 60	4	10.0	7.50	56	53	47	41	35	22	14
LSW 60 *	5	12.5	9.30	71	65	59	51	44	28	18
LSW 60 *	6	15.0	11.0	85	79	71	62	54	34	22
LSW 60 *	7	17.5	13.0	99	92	83	73	63	40	26
LSW 60	8-B	17.5	13.0	108	100	90	80	68	42	26
LSW 60 *	8	20.0	15.0	114	106	95	84	73	46	31
LSW 60	9-B	20.0	15.0	122	113	102	90	78	48	31
LSW 60 *	9	25.0	18.5	129	121	109	96	83	54	37
LSW 60 *	10	25.0	18.5	143	133	120	106	92	60	41
LSW 60	11	30.0	22.0	158	147	133	117	102	67	45
LSW 60	12	30.0	22.0	172	159	143	126	110	72	50

LSW-46		Outlet size 75mm		n = 2900 rpm						
Pump Type	Stage	H.P.	KW	Discharge in L.P.M.						
				0	167	337	500	667	834	1000
				Head in Meters						
LSW 46	1-B	1.50	1.10	10	9	8	7	6	4	-
LSW 46	1	3.00	2.20	14	13	12	10	9	7	4
LSW 46	2-BB	3.00	2.20	19	18	17	15	12	8	2
LSW 46	2	4.00	3.00	27	25	24	21	18	14	8
LSW 46	3-C	5.50	4.00	36	34	32	28	24	18	9
LSW 46 *	3	7.50	5.50	41	40	36	32	28	23	15
LSW 46	4-C	7.50	5.50	49	47	44	39	34	26	15
LSW 46 *	4	10.0	7.50	54	52	48	44	38	31	20
LSW 46 *	5	10.0	7.50	67	64	60	54	47	38	24
LSW 46 *	6	12.5	9.30	81	77	72	65	56	45	30
LSW 46 *	7	15.0	11.0	94	90	84	76	66	53	35
LSW 46	8-C	15.0	11.0	103	98	91	82	71	56	35
LSW 46 *	8	17.5	13.0	108	104	96	88	76	62	41
LSW 46	9-C	17.5	13.0	117	112	104	94	82	65	41

Note :

■ All pumps with * are ISI marked.

Borewell Submersible Pumpsets

100 mm to 250 mm Stainless Steel



8" Submersible pumpsets for 200 mm. DIA. Borewell. (192 mm. Max. Diameter) MIXED FLOW

LSW-77									
Outlet size 125mm n = 2900 rpm									
Pump Type	Stage	H.P.	KW	Discharge in L.P.M.					
				0	333	667	1000	1334	1667
				Head in Meters					
LSW 77	1	7.50	5.50	22	20	17	14	12	7
LSW 77	2-B	7.50	5.50	33	31	27	22	17	7
LSW 77	2	10.0	7.50	41	39	33	28	23	14
LSW 77	3-B	12.5	9.30	53	51	44	37	28	15
LSW 77	3	15.0	11.0	61	58	50	42	34	20
LSW 77	4-B	17.5	13.0	73	70	61	52	40	21
LSW 77	4	20.0	15.0	81	78	68	57	46	27
LSW 77	5	25.0	18.5	101	97	85	72	58	34
LSW 77	6	30.0	22.0	120	116	102	86	69	41
LSW 77	7	35.0	26.0	140	136	119	101	81	48
LSW 77	8-B	35.0	26.0	152	147	129	108	84	48
LSW 77	8	40.0	30.0	160	156	137	116	93	55
LSW 77	9	40.0	30.0	179	174	152	128	103	62
LSW 77	10	50.0	37.0	200	194	171	145	117	68
LSW 77	11	50.0	37.0	218	213	186	158	127	75
LSW 77	12	60.0	45.0	242	237	209	178	145	88
LSW 77	13	75.0	55.0	264	259	228	195	158	98
LSW 77	15	75.0	55.0	302	297	261	222	181	110
LSW 77	16	90.0	66.0	324	318	280	239	194	120
LSW 77	18	90.0	66.0	363	355	313	267	217	132
LSW 77	19	100.0	75.0	383	375	332	282	230	140
LSW 77	20	100.0	75.0	403	395	349	297	240	146

LSW-95									
Outlet size 125mm n = 2900 rpm									
Pump Type	Stage	H.P.	KW	Discharge in L.P.M.					
				0	333	667	1167	1500	2063
				Head in Meters					
LSW 95	1	7.50	5.50	23	21	18	14	13	6
LSW 95	2-BB	7.50	5.50	27	26	23	19	14	-
LSW 95	2-A	10.0	7.50	39	36	32	26	22	8
LSW 95	2	12.5	9.30	44	41	36	29	25	11
LSW 95	3-BB	12.5	9.30	49	46	40	32	25	7
LSW 95	3-B	15.0	11.0	56	53	47	38	31	11
LSW 95	3	17.5	13.0	65	62	55	44	38	18
LSW 95	4-B	20.0	15.0	77	74	65	53	44	18
LSW 95	4	25.0	18.5	86	82	72	59	51	24
LSW 95	5-AB	25.0	18.5	94	89	80	65	54	21
LSW 95	5	30.0	22.0	106	102	90	74	63	31
LSW 95	6	35.0	26.0	129	123	110	90	77	36
LSW 95	7	40.0	30.0	148	142	128	103	87	40
LSW 95	8	50.0	37.0	170	163	145	119	102	48
LSW 95	9	50.0	37.0	189	182	162	133	114	52
LSW 95	10	60.0	45.0	214	206	185	153	132	63
LSW 95	11	75.0	55.0	237	228	205	169	146	70
LSW 95	13	75.0	55.0	278	267	239	198	170	81
LSW 95	14	90.0	66.0	300	288	259	214	185	89
LSW 95	15	100.0	75.0	322	310	278	230	198	95
LSW 95	17	100.0	75.0	363	349	313	258	223	106

Borewell Submersible Pumpsets

100 mm to 250 mm Stainless Steel



10" Submersible pumpsets for 250 mm. DIA. Borewell. (241 mm. Max. Diameter) MIXED FLOW

LSW-125 Outlet size 150mm n = 2900 rpm

Pump Type	Stage	H.P.	KW	Discharge in L.P.M.					
				0	333	1000	1667	2000	2708
				Head in Meters					
LSW 125	1-A	10.0	7.50	21	22	19	16	14	5
LSW 125	1	15.0	11.0	31	31	27	22	20	13
LSW 125	2-AA	17.5	13.0	40	41	37	31	27	10
LSW 125	2-A	25.0	18.5	50	50	46	40	34	18
LSW 125	2	30.0	22.0	59	60	54	46	41	26
LSW 125	3-AA	30.0	22.0	69	70	63	54	47	21
LSW 125	3-A	35.0	26.0	78	79	72	61	54	30
LSW 125	3	40.0	30.0	88	88	80	69	62	39
LSW 125	4-AA	50.0	37.0	98	100	91	78	69	36
LSW 125	4-A	50.0	37.0	107	108	99	85	76	44
LSW 125	4	50.0	37.0	116	117	107	91	83	52
LSW 125	5-AA	60.0	45.0	127	130	120	104	93	52
LSW 125	5-A	60.0	45.0	137	139	128	110	100	59
LSW 125	5	75.0	55.0	147	149	136	118	108	70
LSW 125	6-AA	75.0	55.0	156	160	147	127	114	66
LSW 125	6-A	75.0	55.0	166	168	155	134	121	74
LSW 125	6	90.0	66.0	176	178	164	143	130	85
LSW 125	7-AA	90.0	66.0	185	188	173	152	136	80
LSW 125	7-A	90.0	66.0	195	198	183	157	143	88
LSW 125	7	100.0	75.0	204	207	190	167	150	98
LSW 125	8-AA	100.0	75.0	214	217	201	173	157	93
LSW 125	8-A	100.0	75.0	223	227	209	181	164	100
LSW 125	8	100.0	75.0	232	236	216	188	170	108

LSW-215 Outlet size 150mm n = 2900 rpm

Pump Type	Stage	H.P.	KW	Discharge in L.P.M.					
				0	667	2000	3334	4000	4667
				Head in Meters					
LSW 215	1-A	20.0	15.0	27	27	22	15	10	3
LSW 215	1	25.0	18.5	38	37	30	23	19	12
LSW 215	2-AA	40.0	30.0	55	54	47	35	25	12
LSW 215	2-A	50.0	37.0	67	65	55	44	35	18
LSW 215	2	60.0	45.0	80	78	64	52	44	28
LSW 215	3-AA	75.0	55.0	95	94	82	67	52	29
LSW 215	3-A	75.0	55.0	107	105	89	72	59	37
LSW 215	3	90.0	66.0	119	117	97	79	67	47
LSW 215	4-AA	100.0	75.0	135	132	114	92	74	45
LSW 215	4-A	100.0	75.0	147	144	122	98	82	53
LSW 215	4	100.0	75.0	158	155	129	105	87	62

LSW-160 Outlet size 150mm n = 2900 rpm

Pump Type	Stage	H.P.	KW	Discharge in L.P.M.					
				0	333	1334	2000	2667	3617
				Head in Meters					
LSW 160	1-A	12.5	9.30	24	24	19	16	13	4
LSW 160	1	17.5	13.0	34	34	28	23	20	13
LSW 160	2-AA	25.0	18.5	46	46	39	34	26	9
LSW 160	2-A	30.0	22.0	56	56	47	40	33	18
LSW 160	2	35.0	26.0	65	65	55	47	40	25
LSW 160	3-AA	40.0	30.0	77	77	67	57	46	22
LSW 160	3-A	50.0	37.0	87	88	75	64	54	31
LSW 160	3	50.0	37.0	96	97	82	70	60	38
LSW 160	4-AA	60.0	45.0	110	111	96	83	69	38
LSW 160	4-A	60.0	45.0	119	120	103	89	76	46
LSW 160	4	75.0	55.0	130	131	112	96	84	54
LSW 160	5-AA	75.0	55.0	142	143	123	107	90	51
LSW 160	5-A	75.0	55.0	151	152	131	113	96	58
LSW 160	5	90.0	66.0	161	163	138	120	104	64
LSW 160	6-AA	90.0	66.0	173	174	150	130	110	64
LSW 160	6-A	100.0	75.0	183	184	158	137	117	72
LSW 160	6	100.0	75.0	192	193	165	144	124	80
LSW 160	7-AA	100.0	75.0	204	205	176	153	130	77

Vertical Multistage Openwell

Submersible Pumpsets



Description

Lubi Vertical Multistage Openwell Submersible Pumpsets are manufactured strict quality assurance for years of efficient and reliable operation. Following are some of the special features.

Salient Features

- It has well designed sleeve and thrust bearing of adequate capacity for longer life.
- High operating efficiencies of pumpset result into high water discharge rate and lower power bills.
- All components are precisely machined on modern precision machine tools to give you years of reliable operation.
- Pumpset are designed to withstand voltage drops to 320 volts.
- Stator and rotor of the monoset are vacuum impregnated with synthetic varnish and epoxy coated for corrosion resistance.
- All rotating components are dynamically balanced to ensure long bearing life and vibration free smooth operation.
- All pumpsets are fully tested prior to despatch.

Material of Construction

Motor Body	: Cast Iron
Stator	: Vacuum Impregnated and epoxy coated for corrosion resistance. Thick end laminations are provided to protect motor windings.
Rotor	: Vacuum impregnated, shot blasted & coated with poly urethane colour for corrosion resistance & dynamically balanced for vibration free smooth operation.
Winding	: PVC / Polyester insulated, water cooled.
Journal Bearings	: Leaded Bronze / Nitrile Rubber and Stainless Steel, Water Lubricated, having high load bearing capacity.
Thrust Bearings	: Carbon -Steel special self-alignment and water lubricated to withstand high axial thrust loads.
Pressure Equalizing Diaphragm	: Adequately sized to accommodate expansion of water inside th motor and prevent loss cooling water
Impeller	: Graded Cast Iron & Dynamically balanced.
Casing	: High grade Cast Iron.
Wear Rings	: High quality abrasion resistance Bronze.
Shaft	: Mild Steel / Stainless Steel of adequate diameter to ensure rigidity and ground to close tolerances.
Cable Sealing Arrangement	: Designed so that no borewell water with sand can enter the motor.

Applications

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

Vertical Multistage Openwell

Submersible Pumpsets



50Hz, 415V (-15% & +6%) Three Phase, 2900 RPM

2.5" (65 mm) Outlet

Model	H.P.	Stage	Discharge in L.P.M.										
			0	260	360	425	460	490	525	550	610	660	700
			Head in Metres										
LCV-0/2	3.0	2	37	32	28	24	22	20	18	16	12	8	4
LCV-1A/3	5.0	3	56	48	42	36	33	30	27	24	18	12	6
LCV-35/5	7.5	5	93	80	70	60	55	50	45	40	30	20	10
LCV-46/6	10.0	6	111	96	84	72	66	60	54	48	36	24	12

Model	H.P.	Stage	Discharge in L.P.M.										
			0	240	300	360	420	480	540	600	660	720	
			Head in Metres										
LCV-0A/1	3.0	1	21	20	19	18	17	16	15	13	9	8	
LCV-1/2	5.0	2	42	40	38	37	35	32	30	26	19	17	
LCV-33/3	7.5	3	65	60	58	55	52	48	42	36	28	25	
LCV-44/4	10.0	4	88	82	81	77	71	65	58	50	42	38	

Model	H.P.	Stage	Discharge in L.P.M.										
			0	240	300	360	420	480	540	600	660	720	780
			Head in Metres										
LCV-3/2	7.5	2	52	49	48	47	44	43	42	39	35	33	29

Model	H.P.	Stage	Discharge in L.P.M.										
			0	240	300	360	420	480	540	600	660	720	750
			Head in Metres										
LCV-45/5	10.0	5	103	93	90	83	75	66	54	45	30	18	10

Model	H.P.	Stage	Discharge in L.P.M.										
			0	225	300	375	450	525	675	750	825	860	900
			Head in Metres										
LCV-54/4	12.5	4	96	93	90	86	80	70	53	42	27	20	10

Model	H.P.	Stage	Discharge in L.P.M.										
			0	255	350	420	475	545	575	600	650	700	725
			Head in Metres										
LCV-56/6	12.5	6	123	108	96	85	73	58	52	45	30	15	10

Model	H.P.	Stage	Discharge in L.P.M.										
			0	295	395	430	480	500	545	575	640	720	780
			Head in Metres										
LCV-66/6	15.0	6	128	120	110	105	96	90	83	75	60	45	30

Model	H.P.	Stage	Discharge in L.P.M.										
			0	240	300	360	420	540	600	660	720	780	900
			Head in Metres										
LCV-76/6	20.0	6	141	129	125	121	117	111	108	103	98	90	70

Horizontal Openwell Submersible Pumpsets

Single Phase / Three Phase



Description

Lubi Horizontal Openwell Submersible Pumpsets are manufactured strict quality assurance for years of efficient and reliable operation. Following are some of the special features.



Salient Features

- Pumpset are designed to withstand voltage drops to 320 volts.
- It has well designed sleeve and thrust bearing of adequate capacity for longer life.
- High operating efficiencies of pumpset result into high water discharge rate and lower power bills.
- All components are precisely machined on modern precision machine tools to give you years of reliable operation.
- Stator and rotor of the monoset are vacuum impregnated with synthetic varnish and epoxy coated for corrosion resistance.
- All rotating components are dynamically balanced to ensure long bearing life and vibration free smooth operation.
- All pumpsets are fully tested prior to despatch.



Material of Construction

Motor Body	: Cast Iron / Stainless Steel
Stator	: Vacuum Impregnated and epoxy coated for corrosion resistance. Thick end laminations are provided to protect motor windings.
Rotor	: Vacuum impregnated, shot blasted & coated with poly urethane colour for corrosion resistance & dynamically balanced for vibration free smooth operation.
Winding	: PVC / Polyester insulated, water cooled.
Journal Bearings	: Leaded Bronze and Stainless Steel, Water Lubricated, having high load bearing capacity.
Thrust Bearings	: Carbon Vs Stainless Steel and water lubricated to withstand high axial thrust loads.
Pressure Equalizing Diaphragm	: Adequately sized to accommodate expansion of water inside th motor and prevent loss cooling water
Impeller	: Graded Cast Iron & Dynamically balanced.
Casing	: High grade Cast Iron.
Wear Rings	: High quality abrasion resistance Bronze.
Shaft	: Stainless Steel of adequate diameter to ensure rigidity and ground to close tolerances.
Cable Sealing Arrangement	: Designed so that no borewell water with sand can enter the motor.

Applications

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

Horizontal Openwell Submersible Pumpsets

Single Phase / Three Phase



LHL Series - Three Phase

50Hz, 415V (-15% & +6%) Three Phase, 2880 RPM

Model	H.P.	Size in mm	Head in Metres															
			6	8	12	16	20	24	26	28	32	36	40	42	44	48	52	56
			Discharge in L.P.M.															
LHL-1A	3.00	50 x 38				370	350	310	280	260	210	120						
LHL-1 *	3.00	50 x 50				490	450	360	300									
LHL-2 *	3.00	65 x 65		750	700	510	360											
LHL-2A *	3.00	65 x 50		530	500	450	400	280										
LHL-2AH	3.00	65 x 50			740	750	580	480	425	360								
LHL-2AHS	3.00	65 x 50			720	660	570	460	380	300								
LHL-3A	3.00	80 x 65	860	840	780	570												
LHL-3	3.00	80 x 80	1120	980	870													
LHL-4 *	5.00	50 x 50							330	300	270	220	170	130	80			
LHL-4A *	5.00	50 x 38								480	430	340	250	200	140			
LHL-5A *	5.00	65 x 50					610	610	600	590	560	375	170					
LHL-5B	5.00	65 x 50							500	485	475	400	325	280	240	150		
LHL-5BG	5.00	65 x 50			600	585	580	570	565	560	530	430	250	150				
LHL-5AH *	5.00	65 x 50					730	670	620	580	475	315						
LHL-5AHS	5.00	65 x 50				860	810	720	660	620	520	340						
LHL-5 *	5.00	65 x 65			1040	900	750	540										
LHL-5H *	5.00	65 x 65					750	670	540	450	240							
LHL-6 *	5.00	80 x 80		890	870	850	760											
LHL-6A *	5.00	80 x 65		1327	1242	1080	870	560										
LHL-6AG	5.00	80 x 65			1320	1200	1090	900	780									
LHL-16 *	5.00	100 x 100	1310	1240	1100	750												
LHL-8 *	7.50	65 x 50										455	400	370	340	260		
LHL-9A	7.50	65 x 50					880	875	860	850	825	750	620	540	450			
LHL-9B	7.50	65 x 50									600	555	520	485	470	400	315	220
LHL-9AHCR	7.50	65 x 50							890	830	720	600	520	460				
LHL-9 *	7.50	65 x 65							730	720	700	540						
LHL-9BG	7.50	65 x 50				1045	1010	960	940	910	840	775	705	670	620	520	320	
LHL-9G	7.50	65 x 65				1380	1220	1100	1000	930	700							
LHL-10 *	7.50	80 x 80				1310	1190	1050	970	860	630							
LHL-10G	7.50	80 x 80			1450	1380	1220	1080	1000	930	700	³⁴ Mtr 300						
LHL-11 *	7.50	100 x 100			1450	1300	1075	740										
LHL-17	7.50	100 x 100		2690	2320	1900	1400	502										
LHL-19	7.50	125 x 125	3500	2900														
LHL-13AH	10.0	65 x 50								1250	1230	1180	1080	980	860	580		
LHL-13AHCR	10.0	65 x 50								1480	1470	1450	1390	1240	1100	920	850	720
LHL-14 *	10.0	80 x 80					1120	1100	1080	1050	1000	720						
LHL-15 *	10.0	100 x 100					1420	1300	1200	1100								
LHL-18	10.0	100 x 100		2250	2100	1850	1200											
LHL-20	10.0	125 x 125	3500	3300	2800	1250												

Note :

- LHL : 3 & 5 HP also available with copper rotor.
- LHL : 0.5 to 2.0 HP with S.S. Motor body & 3.0 to 10.0 HP with C.I. Motor body.
- Please select pumps in the range of discharge shown in bold figure.

Horizontal Openwell Submersible Pumpsets

Single Phase / Three Phase



LHS Series - Three Phase

Cast Iron Body, 50Hz, 415V (-15% & +6%) Three Phase, 2880 RPM

Pump Type	H.P.	Size in mm	Head in Metres																	
			10	14	18	22	26	30	34	38	42	46	50	54	58	62	66	68	72	
			Discharge in L.P.M.																	
LHS-21A	12.50	65 x 65				970	960	940	920	860	750	600	420	330						
LHS-21L	12.50	65 x 50					1410	1390	1370	1310	1160	950	670							
LHS-21H	12.50	65 x 50									810	790	740	700	650	590	500	440	300	
LHS-23	12.50	80 x 80			1660	1600	1550	1450	1180	800										
LHS-24	12.50	100 x 80		1810	1750	1680	1570	1430	1250											
LHS-25	12.50	100 x 100		1860	1790	1700	1600	1370	1200	800										
LHS-27L	15.00	65 x 50							1480	1420	1370	1260	1170	1000	780					
LHS-27H	15.00	65 x 50										920	915	910	900	890	870	840	520	
LHS-28	15.00	65 x 65								980	850	710	460	380						
LHS-29	15.00	80 x 80				2000	1875	1720	1500	1350	1120	750								
LHS-30	15.00	100 x 80					1550	1450	1200	760										
LHS-31	15.00	100 x 100			2200	2000	1800	1500	1280	960										
LHS-32	15.00	125 x 125	3550	3050	2000															
LHS-33A	20.00	65 x 50										800	760	680	650	560	520	440		
LHS-33	20.00	65 x 65										1300	1200	1100	1000	880	750	670		
LHS-34	20.00	80 x 80								1730	1600	1460	1300	1100						
LHS-34A	20.00	80 x 65										1840	1700	1600	1480	1280	1080	620		
LHS-35	20.00	100 x 100				2480	2400	2300	1860	1650	1000									
LHS-36	20.00	125 x 125		3550	3200	2700	2100	900												
LHS-37	25.00	80 x 80									1680	1550	1400	1220	1100	950				
LHS-38	25.00	100 x 100						2050	1900	1750	1400	1080	500							
LHS-39	25.00	125 x 125			3870	3530	3080	2650												
LHS-40	30.00	80 x 80														1700	1620	1450	1350	1150
LHS-41	30.00	100 x 100							2750	2400	2200	2050	1660	1500						
LHS-42	30.00	125 x 125					3200	3050	2400											
LHS-43	30.00	150 x 150		5180	4550	4030	3140	2500	2380											

50Hz, 400V (±10%), 2800 RPM

Pump Type	H.P.	Size in mm	Head in Metres																
			10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	
			Discharge in L.P.M.																
LHL-202AH	3.00	65 x 50		650	620	600	540	510	450	390	200	0							
LHL-205AH	5.00	65 x 50	1020	1000	970	930	900	850	800	750	710	650	600	520	450	380	180	0	

Note :

■ Please select pumps in the range of discharge shown in bold figure.

Horizontal Openwell Submersible Pumpsets

Single Phase / Three Phase



LHS Series - Single / Three Phase

50 Hz, 230 V (-10% & +10%) Single Phase, 415 V (-15% & +6%) Three Phase, 2880 RPM

Model		H.P.	Size in mm	Head in Metres															
1-Phase	3-Phase			6	8	10	12	14	16	18	20	22	24	26	28	30	32		
				Discharge in L.P.M.															
LHS-150B *	-	0.50	25 x 25	210	180	130	110	90											
LHS-150BH	-	0.50	25 x 25		172	170	160	140	130	100									
LHS-151	LHS-51	1.00	25 x 25					215	195	180	150	100							
LHS-152	LHS-52	1.00	40 x 40			290	270	250	180	120									
-	LHS-53	1.00	50 x 40		310	290	270	200											
-	LHS-54	1.00	50 x 50	550	530	370	220												
LHS-155	LHS-55	1.50	40 x 40								240	190	170	110					
LHS-156	LHS-56	1.50	50 x 40					260	240	200	160	80							
LHS-157	LHS-57	1.50	50 x 50			390	340	270											
LHS-158	LHS-58	2.00	40 x 40									250	230	200	180				
LHS-159	LHS-59	2.00	50 x 40								350	320	280	230					
LHS-160	LHS-60	2.00	50 x 50						370	330	220								
-	LHS-61	2.00	65 x 50			580	420	360	240										
-	LHS-64	2.00	80 x 80	870	740	610													

LHL Series - Single / Three Phase

50Hz, 230V (±10%), Single Phase, 2880 RPM

Model		H.P.	Size in mm	Head in Metres															
1-Phase	3-Phase			6	8	10	12	14	16	18	20	22	24	26	28	30	32	36	40
				Discharge in L.P.M.															
LHL-150B *	-	0.50	25 x 25	210	180	130	110	90											
LHL-150BH	-	0.50	25 x 25		172	170	160	140	130	100									
LHL-151 *	LHL-51	1.00	25 x 25					215	195	180	150	100							
LHL-151H	-	1.00	25 x 25								220	190	180	128	80				
LHL-152 *	-	1.00	40 x 40			290	270	250	180	120									
LHL-153 *	-	1.00	50 x 40		310	290	270	200											
LHL-154 *	LHL-54	1.00	50 x 50	550	530	370	220												
LHL-155 *	LHL-55	1.50	40 x 40								240	190	170	110					
LHL-155 A	-	1.50	25 x 25									190	160	140	110	85	50		
LHL-156 *	-	1.50	50 x 40					260	240	200	160	80							
LHL-157 *	-	1.50	50 x 50			390	340	270											
LHL-158 *	LHL-58	2.00	40 x 40									250	230	200	180				
LHL-159 *	LHL-59	2.00	50 x 40								350	320	280	230					
LHL-160 *	LHL-60	2.00	50 x 50						370	330	220								
LHL-161 *	-	2.00	65 x 50			580	420	360	240										
LHL-164 *	-	2.00	80 x 80	870	740	610													
LHL-101A	-	3.00	50 x 40				576	552	535	530	505	462	435	390	345	315	270	180	
LHL-101AH	-	3.00	50 x 50			580	565	550	525	510	480	460	450	420	400	350	280		
LHL-101	-	3.00	50 x 50								450	410	360	300					
LHL-102AH	-	3.00	65 x 50				730	700	670	640	625	600	535	492	410	305			
-	LHL-2AE	3.00	50 x 50							360	350	320	280	230	120				
LHL-103	-	3.00	80 x 80	1120	980	930	870												
-	LHL-5AE	5.00	65 x 50			740			750		580		480	425	360				
LHL-105AH	-	5.00	65 x 50							830	800	770	730	700	650	600	540	400	
LHL-105B	-	5.00	65 x 50										615	610	605	600	580	480	
LHL-106E	-	5.00	80 x 80		1090	1050	980	900	800	700	610								

Note :
 ■ 1.0 HP to 2.0 HP monosets are available in two phase also. ■ LHS : Cast Iron Body ■ Please select pumps in the range of discharge shown in bold figure.
 ■ All pumps with * are ISI marked. ■ LHL : S. S. Body

Horizontal Openwell Multistage Sub. Pumpsets

Single Phase / Three Phase



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.

COMPONENT	MATERIAL
Suction chamber	Cast iron
Delivery chamber	Cast iron
Delivery flange	Cast iron
Bowl	S.S.304
Impeller	S.S.410
Wear ring	NBR
Pump Sleeve	S.S.410
Bush	Bronze/NBR
Lock nut	S.S.304
Pump Shaft	S.S.410
Strainer	Engineering Plastic
Adaptor	Cast iron
Lower bearing housing	Cast iron
Stator body	S.S.202 / Cast iron
Bearing	Carbon/S.S.
Bush	Bronze
Diaphragm	NBR
Stud	S.S.410
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	225
LHMS-158A	2.0	4	1 Phase	H (m)	57	56	54	52	51	49	40	36	28	13
LHMS-58A	2.0	4	3 Phase		57	56	54	52	51	49	40	36	28	13
LHMS-101B	3.0	6	1 Phase		78	77	76	75	70	61	47	31	13	5
LHMS-1B	3.0	6	3 Phase		78	77	76	75	70	61	47	31	13	5

Multistage Openwell Monoset

Horizontal & Vertical Dual Operations
Single Phase



Introduction

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

Operating Conditions

Flow range : Up to 107 LPM
Head range : Up to 65 metres
Ambient temperature : Max. +50°C
Liquid temperature range : 0°C to +50°C

Motor

Type : Submersible rewindable motor
Ratings : 1 phase - 0.75 - 1.1 kW
Rated speed : 2880 rpm
Enclosure class : IP 68
Standard voltages : 1 phase, 230 V (Tolerance +5% / -15%)
Supply frequency : 50 Hz
Direction of operation : Horizontal & Vertical (Dual)



Applications

- Residential Bungalows
- Community Water Supply
- Apartment
- Small Farms
- Lawns & Gardens
- Car Washing
- Sprinklers
- Hotels & Hospitals

Material of Construction

COMPONENT	MATERIAL
Upper Bearing Housing	Cast iron
NRV Body	Cast iron
Bowl	Noryl
Impeller	Noryl
Wear ring	Stainless Steel
Pump Sleeve	Stainless Steel
Pump Bush	Nitrile Rubber
Lock nut	Carbon Steel
Pump Shaft	Stainless Steel
Pump Jacket	Stainless Steel
Strainer	Stainless Steel
Lower bearing housing	Cast iron
Motor Stator body	Stainless Steel
Bearing	Carbon V/s S.S.
Motor Bush	Bronze
Diaphragm	Nitrile Rubber

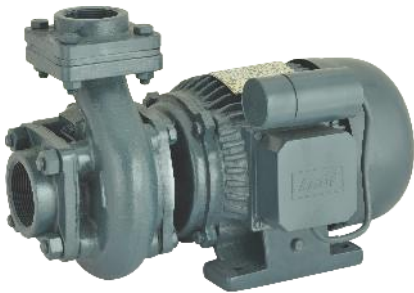
Performance Table

Model / Stg	K.W.	H.P.	DELIVERY OUTLET	Head in Meters				
				20	36	47	55	57
				Discharge in L.P.M.				
LHMS-110/7	0.75	1.0	32 MM	100	75	50	25	0

Model / Stg	K.W.	H.P.	DELIVERY OUTLET	Head in Meters										
				15	20	25	30	35	40	50	55	60	65	70
				Discharge in L.P.M.										
LHMS-115/9	1.10	1.5	32 MM	107	103	101	94	87	80	62	54	42	32	0

Centrifugal Monoblock Pumpset

Single / Three Phase



Description

"LUBI" brand single phase Monoblock pumpsets are manufactured in reference to IS : 9079 and motor with reference IS : 996 & IEC 34-I, Special care and quality control measures are adopted to give efficiency and reliable operation for years. Some special features are outlined below.

Salient Features

- The laminations are non-oriented silicon steel & confirms to IS-648.
- Volute, Impeller, Adaptor, Stator body, Endshield is made of close grained cast iron of high tensile strength and has a very smooth surface finish resulting in low friction losses.
- Motor windings are vacuum impregnated with synthetic varnish for better moisture resistance.
- Superior mechanical shaft seal for longer life and effective sealing against water leakage.
- The electric rotor is pressure die cast & uses electric grade aluminium.
- Grease Lubricated anti-friction ball bearings are fitted at both ends to withstand radial and axial loads.
- Better insulating materials are used so that pumpset can with stand high temperature rise.
- All components are manufactured from materials as per standard specification.
- They are precisely machined on modern machine tools to give you years of reliable operation.

Standard Motor

- The motor is totally enclosed and fan cooled (TEFC)
- Motor with specification of IS : 996 & IEC : 34-I
- Class 'B' insulation is used.
- The stainless steel shaft is ground finished.
- The motors are of the Run capacitor design giving high starting torque.
- 2 - Pole induction motor.
- Input supply condition in single phase-230V, Three Phase 415V (50 Hz).
- Voltage Range 170V-240V (Single Phase), 300V-415V (Three Phase)

Applications

- Residential Bungalows
- Community Water Supply
- Construction Site
- Apartment
- Small Farms
- Lawns & Gardens
- Car Washing
- Sprinklers
- Hotels & Hospitals

* SELECTED MODELS ONLY

Centrifugal Monoblock Pumpset

Single / Three Phase



'B' Class Insulation, 50 Hz., 230 V (±10%) for Single Phase, 2880 RPM

Model	K.W.	H.P.	Size SucxDel mm	Head in Metres																			
				4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
				Discharge in L.P.M.																			
MDH-12* / 12C / 12SV / 312	0.37	0.5	25 x 25			110	105	100	90	80	45	⁰ _(19 Mtr)											
MDH-12H	0.37	0.5	25 x 25				125	120	117	115	98	80	70	⁰ _(24 Mtr)									
MDH-12D	0.37	0.5	32 x 25					152	140	130	125	120	80	⁰ _(23 Mtr)									
MDH-28 / 28P / 28SV / 28SVP / 328	0.37	0.5	40 x 40		245	210	220	120	⁰ _(13 Mtr)														
MDH-28H	0.37	0.5	40 x 40		270	240	200	160	90	⁰ _(15 Mtr)													
MDH-28HL / 28HLSV	0.37	0.5	40 x 40				300	200	100	⁰ _(15 Mtr)													
MDH-30 / 30P	0.37	0.5	50 X 50	285	235	155	⁰ _(10 Mtr)																
MDH-12M	0.55	0.75	25 X 25				125	122	118	115	98	82	75	28	⁰ _(26 Mtr)								
MDH-14* / 14S / 314	0.75	1.0	32 x 25							159	156	153	150	140	113	85	60	⁰ _(32 Mtr)					
MDH-14H* / 314H	0.75	1.0	25 x 25							159	156	153	150	120	105	80	60	25	⁰ _(33 Mtr)				
MDH-13* / 213 / 313	0.75	1.0	40 x 40				335	320	280	250	200	150	⁰ _(21 Mtr)										
MDH-13L	0.75	1.0	40 X 40	285	265	250	215	185	150	115	75	⁰ _(19 Mtr)											
MDH-18* / 218 / 318	0.75	1.0	50 x 40		400	380	320	240	120	⁰ _(16 Mtr)													
MDH-18H	0.75	1.0	50 X 40				340	300	270	240	200	100	⁰ _(21.5 Mtr)										
MDH-18L	0.75	1.0	50 X 40	403	360	335	270	212	50	⁰ _(16 Mtr)													
MDH-17K / 17KP	0.75	1.0	50 x 50				320	260	175	⁰ _(13.4 Mtr)													
MDH-17* / 17S / 17P / 217 / 317	0.75	1.0	50 x 50		490	440	440	350	180	⁰ _(15 Mtr)													
MDH-17L / 17LV	0.75	1.0	50 x 50	420	365	300	235	140	⁰ _(14 Mtr)														
MDH-40L / 40	0.75	1.0	65 X 50		450	345	270	⁰ _(12 Mtr)															
MDH-44 / 44P / 244	0.75	1.0	75 x 75	750	630	540	290	⁰ _(11 Mtr)															
MDH-15B* / 15BS / 215 / 315	1.10	1.5	50 x 40				365	330	300	285	250	195	150	⁰ _(23 Mtr)									
MDH-19* / 319	1.10	1.5	40 x 40					240	230	220	210	200	185	170	150	130	⁰ _(29 Mtr)						
MDH-20B / 20S / 20 / 220 / 320	1.10	1.5	50 X 50		450	293	240	160	75	⁰ _(16 Mtr)													
MDH-220H	1.10	1.5	50 X 50				480	450	400	325	225	⁰ _(19.3 Mtr)											
MDH-33* / 33L / 233 / 303	1.10	1.5	65 x 50		550	500	460	420	310	⁰ _(17 Mtr)													
MDH-34 / 334	1.10	1.5	25 X 25								124	123	122	113	104	90	72	45	18	⁰ _(38 Mtr)			
MDH-39 / 39L / 339	1.10	1.5	75 x 75	820	750	650	550	350	⁰ _(13 Mtr)														
MDH-106 / 316	1.50	2.0	50 X 50		500	465	430	390	360	310	250	215	⁰ _(22 Mtr)										
MDH-35 / 335	1.50	2.0	25 x 25								124	123	122	120	116	114	102	90	70	46	20	⁰ _(42 Mtr)	
MDH-22* / 322	1.50	2.0	40 x 40						250	245	240	235	230	220	200	180	130	75	⁰ _(34 Mtr)				
MDH-23* / 223 / 323	1.50	2.0	50 x 40		355	350	343	340	335	320	310	280	250	200	120	⁰ _(29 Mtr)							
MDH-54	1.50	2.0	50 x 40							455	425	365	340	325	285	250	175	⁰ _(33 Mtr)					
MDH-56	1.50	2.0	50 x 40			435	430	420	410	400	390	370	340	300	225	100	⁰ _(31.5 Mtr)						
MDH-16H / 106H / 216H / 316H	1.50	2.0	50 x 50			500	450	400	340	280	180	⁰ _(21 Mtr)											
MDH-24* / 204 / 324	1.50	2.0	65 x 50			550	520	510	470	400	275	⁰ _(21 Mtr)											
MDH-24H / 204H	1.50	2.0	65 x 50			350	345	340	330	315	290	250	170	⁰ _(25 Mtr)									
MDH-24L	1.50	2.0	65 x 50					550	480	380	230	⁰ _(21.8 Mtr)											
MDH-55	1.50	2.0	75 x 75	840	800	700	625	375	⁰ _(14 Mtr)														
MDH-21C* / 201C / 201CP / 221C	1.50	2.0	75 x 65		880	800	740	650	500	⁰ _(15 Mtr)													
MDH-21L	1.50	2.0	75 x 75	870	800	740	650	490	⁰ _(13.2 Mtr)														
MDH-21* / 21S / 201 / 201P / 321	1.50	2.0	75 x 75	960	870	780	660	480	⁰ _(14 Mtr)														
MDH-21E / 221E	1.50	2.0	75 x 75	900	810	700	550	360	⁰ _(13 Mtr)														
MDH-21H / 201H	1.50	2.0	75 x 75		970	860	700	560	200	⁰ _(17 Mtr)													
MDH-201B	1.50	2.0	75 x 75			1000	880	700	580	200	⁰ _(18.4 Mtr)												
MDH-51 / 501	1.50	2.0	100x100	1120	960	800	600	400	⁰ _(14 Mtr)														
MDH-52 / 502	1.50	2.0	75 x 75	1030	1000	930	835	690	540	380	⁰ _(17 Mtr)												
MDH-246	2.20	3.0	75 x 75	1035	1010	960	840	700	550	400	⁰ _(17 Mtr)												
MDH-242	2.20	3.0	75 x 75		880	840	800	750	650	580	400	⁰ _(19.5 Mtr)											
MDH-43 / 243 / 343 / 403	2.20	3.0	75 x 75			1000	880	750	600	⁰ _(18 Mtr)													
MDH-245	2.20	3.0	50 x 40						500	485	470	430	390	360	325	275	⁰ _(32 Mtr)						
MDH-47 / 247	2.20	3.0	50 x 50								470	450	425	375	325	250	140	⁰ _(33 Mtr)					
MDH-48 / 248	2.20	3.0	65 x 50					500	470	410	330	250	⁰ _(23.5 Mtr)										
MDH-53 / 253 / 353 / 503	2.20	3.0	100x100		1080	1030	900	710	500	⁰ _(18 Mtr)													

Note :

- Also available in 2Ø & 3Ø suitable for 415 V.
- All 1Ø & 2Ø are available with imported thermal Overload protector (Except 3HP Models).
- All pump with * are ISI Marked.
- **3 Star Model :** MDH-12SV, MDH-20S, MDH-21S, MDH-15BS
- **5 Star Models :** MDH-17S
- SV- Standard Voltage, H- High Head, L- Low Voltage, E- Economical, P- Pulley

High / Low Speed Centrifugal Monoblock Pumpsets

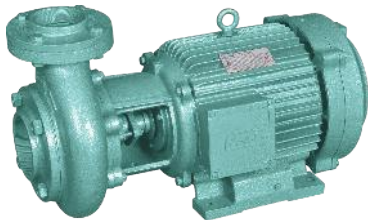


Description

■ LBL

"LUBI" 1440 RPM Monoblock pumping sets are specially manufactured to meet the requirement of Agriculture. The Impellers and volute chambers are designed for a wide range of total heads.

"LUBI" Electric Motors, Which are incorporated with the Monoblock are designed in "A" Class insulation and are suitable for large variations in line voltage. High silicon Steel laminations, Polyester Base Super enamelled Copper Wires and selected high grade Insulating material of best quality use into the making of these Motors. The Diecast rotors are dynamically balanced, which ensures long bearing life and prevents Vibration, For multiple purpose fan end shaft is extended and fitted with flat pulley.



■ LBH

Lubi 2880 RPM Centrifugal Monoblock pumpsets are manufactured as per IS : 9079 with strict quality control for years of efficient and reliable operation.

■ LBI

Lubi 2880 RPM Close Coupled Pumps are designed Low weight & compact. They non overloading through out declare range. These specific models are ideally used at industrial applications and they are provided with Superior Quality Mechanical Seal.

Following are some of the special features.

Salient Features

- Monoblock are designed to withstand voltage drops to 320 volts.
- Better insulating materials are used so that monoblock can withstand high temperature rise.
- High operating efficiencies of the monoblock result into greater water discharge rate and lower power bills.
- The "back pullout" facility enables the monoblock to be serviced without disturbing the pipe work.
- All components are manufactured from materials as per standard specification. They are precisely machined on modern machine tools to give you years of reliable operation.
- All Monoblock windings are vacuum impregnated with synthetic varnish for better moisture resistance.
- All rotating components and assemblies are dynamically balanced to ensure long bearing life and vibration free smooth operation
- All monoblock are fully tested as per the specification prior to despatch.



Material of Construction

Pump Casing	: It is made of close grained cast iron of high tensile strength and has a very smooth surface finish for low friction losses.
Impeller	: It is enclosed and is made of close grained cast iron with a very smooth surface finish for high efficiency.
Stuffing Box	: It is water lubricated and is sufficiently deep. It is Packed with graphite Packings. (For LBH & LBL Series)
Mechanical Seal	: Superior Mechanical Shaft Seal for longer life & effective sealing against water leakage. (For LBI Series)
Flanges	: Companion Flanges are provided for connecting the suction and delivery pipes.
Stator Frame	: It is made of close grained cast iron and has adequate numbers of cooling fins to keep the stator temperature rise within limits.
Stator	: Vacuum Impregnated with polyester base copper wire and insulation.
Rotor	: Rotor is aluminium die-casted. Rotor shaft is made of carbon steel and is of adequate size to transmit power to the impeller. It is provided with a replacable bronze shaft sleeve to protect the shaft from wear.
Fan	: It is made of Cast Iron and is designed to give a good air flow over the stator frame.
Bearings	: They are grease lubricated and of ample size to withstand radial and axial thrust loads.
Terminal Box	: It is of ample size to facilitate easy wiring.

Applications

- Irrigation of Fields / Farms
- Housing complexes
- Community water supply
- Fire Fighting system
- Industries

High / Low Speed Centrifugal Monoblock Pumpsets



LBH Series - 2880 RPM

"A" Class Insulation, 50Hz, 415V (-15% & +6%), Three Phase

Pump Type	H.P.	Size in mm	Head in Metres																							
			8	10	12	14	16	18	20	22	24	26	28	30	32	36	40	42	44	48	50	54	58	62		
			Discharge in L.P.M.																							
LBH-1A	2.00	50 x 50		470	465	460	450	400	300																	
LMH-30	3.00	65 x 50	800	750	630	570	500	400																		
LBH-33 *	3.00	50 x 38					430	420	400	370	320	270														
LBH-2	3.00	65 x 50					680	660	600	520	360															
LBH-2H	3.00	65 x 50					770	750	700	630	575	450														
LBH-1	3.00	65 x 50		650	630	600	530	450	400	330																
LBH-2A *	3.00	65 x 65		800	760	700	600	500																		
LBH-3	3.00	80 x 65		920	880	800	720	600	480	330																
LBH-36	5.00	50 x 38														370	360	340	300	260	230	200				
LBH-46H	5.00	65 x 50														650	620	610	600	500	450	360				
LBH-46HB	5.00	65 x 50														850	830	800	670	520	450	300				
LBH-46	5.00	65 x 50										570	560	550	540	500	370									
LBH-6	5.00	65 x 50							830	820	780	680	600													
LBH-4 *	5.00	65 x 50					900	830	770	700	560															
LBH-4A *	5.00	65 x 65					970	900	820	760	630															
LBH-5H	5.00	80 x 65					1040	1020	980	900	680															
LBH-5	5.00	80 x 65					1010	980	850	680	580															
LBH-5A	5.00	80 x 80			790	780	770	750	700	650																
LBH-6B	5.00	100 x 80		1400	1350	1260	940	800	650																	
LBH-37	7.50	50 x 38															395	390	386	385	380	378	375	360		
LBH-37A	7.50	65 x 50															700	690	670	660	570	520				
LBH-37H	7.50	65 x 50															820	818	815	810	805	760	720	500		
LBH-48	7.50	65 x 50															800	780	750	700	500					
LBH-48H	7.50	65 x 50															800	800	760	720	660	636				
LBH-8	7.50	65 x 65															940	830	760	680	560					
LBH-9H	7.50	80 x 65															1130	1100	1080	1070	1020	900				
LBH-9	7.50	80 x 65												1200	1150	1120	950	750								
LBH-9A	7.50	80 x 80						1460	1440	1400	1310	1200	1130	1060	950	600										
LBH-10	7.50	100 x 80			1660	1630	1560	1440	1300	1200	1050															

- Note :**
- H-High head model.
 - All pumps with * are ISI marked.
 - Please select pumps in the range of discharge shown in bold figure.

High / Low Speed Centrifugal Monoblock Pumpsets



"A" Class Insulation, 50Hz, 415V (-15% & +6%) Three Phase, 2880 RPM

Pump Type	H.P.	Size in mm	Head in Metres																			
			16	18	20	22	24	26	28	30	32	36	40	42	44	48	50	54	58	62	66	70
			Discharge in L.P.M.																			
LBH-41A	10.00	65 x 50													810	805	800	790	750	700	570	
LBH-41AH	10.00	65 x 50														700	660	600	550	520		
LBH-14H	10.00	65 x 50											1030	1020	960	880	730					
LBH-14HS	10.00	65 x 50											830	825	825	810	700	630				
LBH-14	10.00	65 x 50											840	840	820	810	800	790	600			
LBH-17 *	10.00	65 x 50											1050	980	900	830	600					
LBH-11H	10.00	80 x 65							1420	1410	1390	1260	1060	900	720							
LBH-11HL	10.00	80 x 65					1505	1495	1480	1460	1450	1360	1050									
LBH-11	10.00	80 x 65					1150	1140	1120	1100	1060	950	700									
LBH-15	10.00	80 x 80				1315	1310	1300	1290	1260	1200	1060										
LBH-12H	10.00	100 x 80				1540	1520	1480	1400	1360	1300	1080										
LBH-12HL	10.00	100 x 80			1800	1700	1500	1300	1200	1120												
LBH-12	10.00	100 x 80	1510	1470	1400	1300	1200	1100	900													

Pump Type	H.P.	Size in mm	Head in Metres																			
			26	28	32	36	40	42	44	48	50	54	58	62	66	70	74	78	82	86	90	
			Discharge in L.P.M.																			
LBH-49H	12.50	65 x 50									790	785	780	770	750	690	500					
LBH-18H	12.50	65 x 50							960	960	960	920	760									
LBH-20H	12.50	80 x 65				1510	1440	1380	1270													
LBH-20A	12.50	80 x 80		1470	1440	1390	1200	1090	920													
LBH-22H	12.50	100 x 80	1850	1800	1700	1600	1450															
LBH-21A	12.50	100 x 100	1760	1680	1500	1220																
LBH-47	15.00	65 x 50																425	415	405	400	360
LBH-24 *	15.00	65 x 50								970	965	960	940	850	750							
LBH-24H	15.00	65 x 50									970	970	960	935	900	720						
LBH-25	15.00	80 x 65				1600	1500	1400	1310	1100	950											
LBH-29	15.00	100 x 80			2100	2000	1780	1650	1500	1100												
LBH-29A	15.00	100 x 100			2350	2180	1680	1400														
LBH-40	20.00	65 x 50											1340	1290	1170	1050	870	630	430			
LBH-32	20.00	80 x 65						1710	1700	1680	1660	1560	1405	1150								
LBH-31	20.00	100 x 80				2170	2100	2000	1900	1640	1500											
LBH-30	20.00	100 x 100			2300	2220	2050	1850	1700													
LBH-38A	25.00	100 x 80				2300	2100	1900	1800	1700	1420											
LBH-38B	25.00	125 x 100		2200	2150	1900	1700	1450														
LBH-43	30.00	80 x 65										1480	1470	1450	1390	1300	1070					
LBH-44	30.00	100 x 80					2150	2100	2050	1990	1900	1720										
LBH-45	30.00	125 x 100			2520	2280	1980	1740	1500													

Note :

- H-High head model.
- All pumps with * are ISI marked.
- Please select pumps in the range of discharge shown in bold figure.

High / Low Speed Centrifugal Monoblock Pumpsets



"B" Class Insulation, 50Hz, 415V (-15% & +6%) Three Phase, 2880 RPM

Pump Type	H.P.	Size in mm	Head in Metres													
			12	14	16	18	20	22	24	26	28	30	32	36	40	42
			Discharge in L.P.M.													
LBH-2	3.00	65 x 50					600	520	360							
LBH-1 *	3.00	65 x 50	630	600	530	450	400	330								
LBH-2A *	3.00	65 x 65	760	700	600	500										
LBH-6	5.00	65 x 50							780	680	600	500				
LBH-4 *	5.00	65 x 50			900	830	770	700	560							
LBH-4A *	5.00	65 x 65			970	900	820	760	630							
LBH-5	5.00	80 x 65	1170	1140	1070	1000	920	810	650							
LBH-5A	5.00	80 x 80		780	770	750	700	650								
LBH-8	7.50	65 x 50									940	830	760	680	560	
LBH-7	7.50	65 x 65									1100	1050	980	870		
LBH-9	7.50	80 x 65					990	900	780	630						
LBH-11	10.0	80 x 65								1050	1020	970	880	550		

LBL Series - 1440 RPM - Low Speed

"A" Class Insulation, 50Hz, 415V (-15% & +6%) Three Phase

Pump Type	H.P.	Size in mm	Head in Metres													
			6	8	10	12	14	16	18	20	22	24	26	28	30	32
			Discharge in L.P.M.													
LBL-51C	3.00	75 x 75			1470	1260	1170	900								
LBL-51D	3.00	100 x 75		1800	1560	1200										
LBL-51E	3.00	100 x 100	1410	1250	1040	690										
LBL-52C	5.00	75 x 75				1410	1290	1210	1020							
LBL-52D	5.00	100 x 75				1980	1860	1740	1380	1200						
LBL-52E	5.00	100 x 100				1980	1800	1590								
LBL-52F	5.00	125 x 125	2160	1920	1650											
LBL-53D	7.50	100 x 75					2150	2020	1830	1560	960					
LBL-53E	7.50	100 x 100						2280	1980	1620	1320					
LBL-53G	7.50	125 x 125				2760	2460	2100	1440							
LBL-53H	7.50	150 x 150		3360	3240	2700										
LBL54HH	10.0	100 x 75						2580	2400	2220	1980	1700	1440			
LBL-54	10.0	100 x 75						2400	2280	2160	2040	1860	1560			
LBL-54A	10.0	100 x 100								2160	1950	1620	1200			
LBL-54B	10.0	125 x 100			3560	3340	3050	2700	2320							

Note :

- All pumps with * are ISI marked.
- Please select pumps in the range of discharge shown in bold figure.

High / Low Speed Centrifugal Monoblock Pumpsets



"A" Class Insulation, 50Hz, 415V (-15% & +6%) Three Phase, 1440 RPM

Pump Type	H.P.	Size in mm	Head in Metres																
			6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38
			Discharge in L.P.M.																
LBL-54C	10.0	125 x 125			3630	3420	3120	2760	2340										
LBL-54D	10.0	150 x 150	3600	3480	3240	2940													
LBL-56	15.0	100 x 75												2220	2040	1860	1620	1260	
LBL-56AS	15.0	100 x 100							3030	3000	2850	2520	2250	1080					
LBL-56B	15.0	125 x 100						3520	3310	2880	2490								
LBL-56C	15.0	125 x 125					3660	3600	3360	2940	2520								
LBL-56D	15.0	150 x 150		4380	4080	3840	3480	3000	2220										
LBL-57D	20.0	150 x 150				4440	4200	3840	3480	3060	2580								

"A" Class Insulation, Volute Type, 50Hz, 415V (-15% & +6%) Three Phase, 1440 RPM

Pump Type	H.P.	Size in mm	Head in Metres															
			4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
			Discharge in L.P.M.															
LBL-50CV	2.00	75 x 75					1120	980	840									
LBL-50EV	2.00	100 x 100		1560	1510	1350	1210	1020	830									
LBL-51AV	3.00	65 x 50								800	780	760	710	675	640	525	410	
LBL-51BV	3.00	75 x 62					1370	1250	1140	960	720							
LBL-51DV	3.00	75 x 62				1380	1320	1230	1050	800	630							
LBL-51EV	3.00	100 x 100				2250	1490	1170	870	540								
LBL-52BV	5.00	75 x 65										1380	1230	1180	1050	840	770	
LBL-52DV	5.00	100 x 75							1800	1620	1530	1320	1260	1110				
LBL-52EV	5.00	100 x 100				2040	1980	1860	1740	1500	1260							
LBL-52HV	5.00	150 x 150			3000	2520	2220	1440										
LBL-53HV	7.50	150 x 150				3360	3120	2700	2400	1680								
LBL-53HVN	7.50	150 x 150	4360	4300	4180	3950	3750	3460	3130	2700	1550							
LBL-54HV	10.0	150 x 150	4070	3820	3610	3380	3160	2860	2400	1060								

Note :

■ Please select pumps in the range of discharge shown in bold figure.

High / Low Speed Centrifugal Monoblock Pumpsets



LBI Series - Monoblock Pumps

E-Class Insulation, 50Hz, 230V ($\pm 10\%$) for Single Phase, 415V (-15% & +6%) for Three Phase, 2880 RPM

Model		H.P.	Size in mm	Head in Metres																			
1-Phase	3-Phase			6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	40	44	48	52
				Discharge in L.P.M.																			
LBI-101	LBI-1	3.00	50 x 40					390	385	380	375	370	365	360	320	280	200	100					
-	LBI-1A	3.00	50 x 50		510	480	450	400	350	280	210												
LBI-101H	LBI-1H	3.00	50 x 40								360	340	330	300	280	270	220	180	130				
-	LBI-1L	3.00	50 x 40				396	390	384	378	372	336	324	300	180								
LBI-102	LBI-2	3.00	50 x 50					390	384	378	372	348	330	288	180								
LBI-103	LBI-3	3.00	65 x 50				600	540	510	480	420	360	300										
LBI-105H	LBI-5H	3.00	75 x 65			660	630	540	420	210													
-	LBI-5L	3.00	75 x 65		1090	1020	910	800	700	510													
LBI-106	LBI-6	3.00	75 x 75			960	840	690	450														
LBI-108	-	3.00	100 x 100	1300	1000	820																	
-	LBI-11L	5.00	50 x 40								425	425	425	425	420	415	405	370	300				
LBI-111H	LBI-11H	5.00	50 x 40													300	290	280	270	230			
LBI-113	LBI-13	5.00	65 x 50							820	770	720	650	620	570	450	300						
LBI-114	-	5.00	65 x 65								780	750	600	300									
-	LBI-15L	5.00	75 x 65				1160	1080	960	860	720												
LBI-115H	LBI-15H	5.00	75 x 65							800	720	620	560	480									
LBI-116	LBI-16	5.00	75 x 75			1200	1140	1080	980	900	780	660											
LBI-118	LBI-18	5.00	100 x 100		1380	1300	1220	840															
-	LBI-21L	7.50	50 x 40													390	385	380	360	280	160		
-	LBI-21H	7.50	50 x 40																380	315	220	140	
-	LBI-23	7.50	65 x 50												750	710	670	625	590	520	300		
-	LBI-24	7.50	65 x 65							950	930	900	860	830	780	750	710	600	400				
-	LBI-25	7.50	75 x 65						1350	1290	1200	1150	1100	1040	940	800	700						
-	LBI-25H	7.50	75 x 65												750	740	730	700	660	540	420		
-	LBI-26	7.50	75 x 75									1100	1000	850	700								
-	LBI-27H	7.50	100 x 75								1280	1200	1100	960	800	500							
-	LBI-27L	7.50	100 x 75						1750	1600	1470	1250	900										
-	LBI-28	7.50	100 x 100			1880	1780	1610	1500	1300	1050												
-	LBI-31	10.0	50 x 40													660	660	640	600	552	480	330	
-	LBI-33	10.0	65 x 50												940	910	900	750	560	330			
-	LBI-35	10.0	75 x 65								1370	1300	1250	1210	1180	1125	1060						
-	LBI-36	10.0	75 x 75											1350	1150	900	800						
-	LBI-37L	10.0	100 x 75									1500	1400	1260	1110	960	810						
-	LBI-37H	10.0	100 x 75									1520	1460	1380	1300	1200	1040	810	500				
-	LBI-38	10.0	100 x 100			2050	1930	1900	1720	1600	1480	1250	1000	600									
-	LBI-58	15.0	100x100							2200	2100	1900	1700	1300	700								

E-Class Insulation, 50Hz, 415V to 280V, 2880 RPM

Model	H.P.	Size in mm	Head in Metres																				
			4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	40			
				Discharge in L.P.M.																			
LBI-206	3.00	75 x 75		1070	1000	920	780	620	270														
LBI-208	3.00	100 x 100	1540	1430	1240	1050	560																
LBI-213	5.00	65 x 50								540	530	525	520	515	510	505	500	415	380	170			
LBI-214	5.00	65 x 65				950	930	910	850	750	720	690	620	560	520	490	450						
LBI-215H	5.00	75 x 65				970	960	930	880	790	720	650	510	480									
LBI-216	5.00	75 x 75			1320	1280	1190	1100	1000	930	850	740	330										
LBI-218	5.00	100 x 100	1300	1220	1090	980	730	315															

Note : Please select pumps in the range of discharge shown in bold figure.

Self Priming Mud Pumps

Single / Three Phase



Salient Features

- Voltage Range from : 180V to 240V - for single phase and 300V to 440V - for three phase.
- Quick automatic self priming action.
- Repairs possible without disturbing the pipe connections.
- Non-clogging impeller to handle suspended solids.
- Portable when fitted on trolley/trailer.
- No need for foot valve.
- Perfect alignment due to monoblock construction.
- Efficiency at par with internationally available pumps.
- Models in 3 phase A. C. power supply are also available with IP-55 protection on request.
- Class of insulation 'F'
- Solid partical handling size from 7 mm to 15 mm.
- 1 HP Model available with Mechanical seal & other are with gland packing.

Construction

Standard Supply :

Impeller	: Cast Iron
Delivery Casing	: Cast Iron
Motor Body	: Cast Iron
Shaft	: Carbon Steel
Shaft Sleeve	: Bronze / S.S. 410

Optional Supply :

Impeller	: Bronze
Shaft	: Stainless Steel
Shaft Sleeve	: Chrome Steel

Standard Features

- Withstand wide voltage fluctuations.
- Long life : due to replaceable wearing parts.
- Dynamically balanced rotating parts.
- Easy maintenance and spares availability.
- Designed for automatic air release during priming.
- Grease lubricated deep groove ball bearings.
- Models are with IP-44 protection.

Applications

- Where self priming action is required.
- Marine - Pumping water from docks, ports, vessels.
- Industrial - Pumping petroleum products, chemical effluents, Sewage, ash-water etc.
- Civil construction - Dewatering foundations, trenches and pits.
- Mobile Machinery - Cooling water for marine engines and shovels.
- Public utilities - Sewage pumping.

Performance

Models			H.P.	kW	Suc. x Del. Size in mm	RPM	Solid Passage in mm	Head in Metres									
1-Phase	3-Phase	Bare Pump						6	8	10	12	14	16	18	20	22	24
-	LBM-305	-	0.5	0.37	40 x 40	2880	7		144	108	72						
LBM-110	LBM-310	LBM-10	1.0	0.75	40 x 40	2880	7	264	240	198	138	60					
LBM-115	-	-	1.5	1.10	50 x 50	2880	7			340	300	250	210	140			
-	LBM-320	LBM-20	2.0	1.50	40 x 40	2880	10			348	306	252	186	90			
LBM-130	LBM-330	LBM-30	3.0	2.20	50 x 50	2880	10			470	410	400	380	348	250	160	120
-	LBM-355	LBM-55	5.0	3.70	80 x 80	1440	15			870	750	570	300				

Drainage, Sewage, Grinder & Propeller Pumps

Single/Three Phase



**Cast Iron
Submersible Drainage Pump**



CSP

**Corrosion Proof
Submersible Drainage Pump**



MSP

Drainage Pump



LAP

Sewage Pump



LFP

Heavy-Duty Sewage Pump



LHP

Grinder Pump



LGP

**Heavy Duty Construction
Drainage Pump**



LAS

**Stainless Steel Submersible
Effluent Vortex Pump**



LBP

Large Volume Water Pump



LLP

Drainage & Sewage Pumps

Single/Three Phase



CSP - Cast Iron Submersible Drainage Pumps (0.25 & 0.50 HP)

Model	kW	HP	Amp	Max. Solid Passage Size (mm)	m ³ /h	1	2	4	6	8	10	11
					l/h	1000	2000	4000	6000	8000	10000	11000
CSP521T	0.18	0.25	2.0	10	H (m)	6.2	6.1	5.5	4.7	3.7	2.5	1.7
CSP551T	0.37	0.50	3.0	10		10.8	10.7	10.1	9.4	8.2	6.8	-

Note : The above shown performance is nominal performance and may vary from pump to pump.

MSP - Corrosion Proof Submersible Drainage Pumps (0.25 & 0.50 HP)

Model	kW	HP	Amp	Max. Solid Passage Size (mm)	m ³ /h	2	4	6	8	10	12	14	16	18	20
					l/h	2000	4000	6000	8000	10000	12000	14000	16000	18000	20000
MSP521T	0.18	0.25	2.0	10	H (m)	6.5	5.9	5.2	3.9	2.2	-	-	-	-	-
MSP551T	0.37	0.50	3.0	10		12.9	12.5	12	11.2	10.2	8.9	7.7	6.1	4.5	2.5

Note : The above shown performance is nominal performance and may vary from pump to pump.

LAP - Drainage Pumps (0.5 HP to 3.0 HP)

Model		Power		Start Method	Max. Solid Passage Size (mm)	m ³ /h l/min.	6	9	12	18	24	30	36	45	54				
Single Phase	Three Phase	kW	HP				100	150	200	300	400	500	600	750	900				
LAP-2015/2015F	-	0.37	0.5	Capacitor	8	H (m)	8.3	5.5	2.2	-	-	-	-	-	-				
-	LAP-2035/2035F			Direct															
LAP-2115/2115F	-	0.75	1.0	Capacitor	10		H (m)	12.5	11	9.4	5.5	-	-	-	-	-			
-	LAP-2135/2135F			Direct															
LAP-3215/3215F	-	1.50	2.0	Capacitor	11			H (m)	19.9	18	17	14.8	12.2	9.2	6	-	-		
-	LAP-3235/3235F			Direct															
LAP-2315/2315F	-	2.20	3.0	Capacitor	11				H (m)	27	26	24.5	21.2	16.6	10.5	-	-	-	
-	LAP-2335/2335F			Direct															
LAP-3315/3315F	-	2.20	3.0	Capacitor	11					H (m)	23.3	22.3	21.2	18.9	16	12.5	9	-	-
-	LAP-3335/3335F			Direct															
LAP-4315/4315F	-	2.20	3.0	Capacitor	11	H (m)					19.7	19	18.4	17	15.5	13.8	12	9	5.5
-	LAP-4335/4335F			Direct															
LAP-21A15/21A15F	-	1.10	1.5	Capacitor	10		H (m)				16.0	15	13.8	10.7	6.9	-	-	-	-
-	LAP-21A35/21A35F			Direct															

Note : Subscript "F" pumps will be provided with a float switch.

LFP - Sewage Pumps (1.0 HP to 3.0 HP)

Model		Power		Start Method	Max. Solid Passage Size (mm)	m ³ /h l/min.	3	6	12	18	24	36	48	60				
Single Phase	Three Phase	kW	HP				50	100	200	300	400	600	800	1000				
LFP-2115/2115F	-	0.75	1.0	Capacitor	23	H (m)	13.2	12	9.2	6.5	3.7	-	-	-				
-	LFP-2135/2135F			Direct														
LFP-2115U/2115UF	-	0.75	1.0	Capacitor	35		H (m)	11	10.2	8.1	6.3	4.4	-	-	-			
-	LFP-2135U/2135UF			Direct														
LFP-3215/3215F	-	1.50	2.0	Capacitor	32			H (m)	16.6	15.8	14	12.1	10.3	6.5	2.9	-		
-	LFP-3235/3235F			Direct														
LFP-3315/3315F	-	2.20	3.0	Capacitor	35				H (m)	19.3	18.5	16.9	15.3	13.6	10.3	6.7	3.2	
-	LFP-3335/3335F			Direct														
LFP-3215U/3215UF	-	1.50	2.0	Capacitor	15					H (m)	10.9	10.5	9.5	8.5	7.3	3.2	-	-
-	LFP-3235U/3235UF			Direct														

Note : Subscript "F" pumps will be provided with a float switch.

Drainage & Sewage Pumps

Single/Three Phase



LHP - Heavy-Duty Sewage Pumps (5.0 HP to 75.0 HP)

2900 RPM

Model	Phase	Power		Start Method	Max. Solid Passage Size (mm)	m³/h l/min.	6	12	18	24	30	36	42	48	54
		kW	HP				100	200	300	400	500	600	700	800	900
LHP-3535U2	3Ø	3.7	5.0	Direct	56	H (m)	21.2	20.2	19	17.7	16.1	14.2	12	9.5	6.4

1450 RPM

Model	Phase	Power		Start Method	Max. Solid Passage Size (mm)	m³/h l/min.	12	24	36	48	54	60	90	120	150	180	210	240	246
		kW	HP				200	400	600	800	900	1000	1500	2000	2500	3000	3500	4000	4100
LHP-3535	3Ø	3.7	5.0	Direct	50	H (m)	17	15.9	14.5	12.5	11.4	10	-	-	-	-	-	-	-
LHP-3535U	3Ø	3.7	5.0	Direct	75		12.3	11	9.9	8.5	7.5	6.3	-	-	-	-	-	-	-
LHP-4535	3Ø	3.7	5.0	Direct	50		16.2	14.8	13.5	12	11.1	10.2	5.8	-	-	-	-	-	-
LHP-4735	3Ø	5.5	7.5	Direct	40		21.9	20.3	19	17.8	16.9	15.9	11.3	-	-	-	-	-	-
LHP-4735U	3Ø	5.5	7.5	Direct	65		14	13.3	12.6	12	11.5	11	8.1	4.7	-	-	-	-	-
LHP-41035	3Ø	7.5	10.0	Direct	40		26.7	24.5	22.7	20.8	19.7	18.5	13.6	8	-	-	-	-	-
LHP-61035	3Ø	7.5	10.0	Direct	70		20.1	19.4	18.7	17.9	17.5	17	15	12.9	10.8	9	6.7	4.2	3.7

Model	Phase	Power		Start Method	Max. Solid Passage Size (mm)	m³/h l/min.	60	120	150	180	240	270	300	360	420	480	540	600	660
		kW	HP				1000	2000	2500	3000	4000	4500	5000	6000	7000	8000	9000	10000	11000
LHP-61535	3Ø	11.0	15.0	Y - Δ	70	H (m)	21.8	17.5	15.4	13	8.7	-	-	-	-	-	-	-	-
LHP-62035	3Ø	15.0	20.0	Y - Δ	76		29	23	20	17	11	8	-	-	-	-	-	-	-
LHP-63035	3Ø	22.0	30.0	Y - Δ	76		35.3	30	27.2	24.1	18.3	15.3	12	-	-	-	-	-	-
LHP-64035	3Ø	30.0	40.0	Y - Δ	40		43.3	38	35.3	32.4	24.5	19	11.5	-	-	-	-	-	-
LHP-65035	3Ø	37.0	50.0	Y - Δ	40		48	43.1	40.6	37.6	30.9	26.4	21.1	-	-	-	-	-	-
LHP-103035	3Ø	22.0	30.0	Y - Δ	60		29.5	27.2	26	24.7	22	20.6	19	15.7	11.8	7	-	-	-
LHP-104035	3Ø	30.0	40.0	Y - Δ	60		29	27	26	25	23	22	21	19	17	15	12	9	-
LHP-105035	3Ø	37.0	50.0	Y - Δ	60		39.2	36.5	35	33.4	30.2	28.3	26.7	22.8	19	15.2	11	6.7	2.8
LHP-106035	3Ø	45.0	60.0	Y - Δ	60		47	44.6	43.2	41.9	38.8	37.3	35.5	32	28	23.7	19.2	14.1	8.7

Model	Phase	Power		Start Method	Max. Solid Passage Size (mm)	m³/h l/min.	30	60	90	120	150	180	210	240	270	300	360	420	480
		kW	HP				500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000
LHP-81535	3Ø	11.0	15.0	Y - Δ	75	H (m)	16.5	15.4	14.6	13.4	12.8	12	11.3	10.5	9.6	9	-	-	-
LHP-82035	3Ø	15.0	20.0	Y - Δ	75		24.2	23	21.9	20.6	19.4	18	16.8	15.5	14.2	13	7.3	5.5	3.9
LHP-83035	3Ø	22.0	30.0	Y - Δ	76		32.6	31	29.4	27.9	26	24	22	20	17.9	15.5	10.6	8	5.9
LHP-86035	3Ø	45.0	60.0	Y - Δ	40		-	53.8	52.7	51.3	49.8	47.9	46	43.8	41.4	38.6	32.6	24	13
LHP-87535	3Ø	55.0	75.0	Y - Δ	40		63.6	62.4	60.8	59.1	57.4	55.5	53.6	51	48.2	45.1	38	28.5	17.1

Model	Phase	Power		RPM	Start Method	Max. Solid Passage Size (mm)	m³/h l/min.	300	600	900	1200	1500	1800	2100	2400
		kW	HP					5000	10000	15000	20000	25000	30000	35000	40000
LHP-143035	3Ø	22.0	30.0	960	Y - Δ	120	H (m)	11	8	4.8	-	-	-	-	-
LHP-144035	3Ø	30.0	40.0	960	Y - Δ	120		14.7	11.6	8.3	4.8	-	-	-	-
LHP-145035	3Ø	37.0	50.0	960	Y - Δ	90		18	14.5	9.3	2.5	-	-	-	-
LHP-146035	3Ø	45.0	60.0	960	Y - Δ	90		22.6	17.7	12.3	5.6	-	-	-	-
LHP-165035	3Ø	37.0	50.0	960	Y - Δ	120		15	12.4	9.7	6.4	2.8	2.8	-	-
LHP-166035	3Ø	45.0	60.0	960	Y - Δ	120		18.1	15.5	12.6	9.5	5.4	5.4	-	-
LHP-2060358	3Ø	45.0	60.0	750	Y - Δ	140		11.7	10.8	9.7	8.5	7.2	5.8	-	-
LHP-2075358	3Ø	55.0	75.0	750	Y - Δ	140		13.7	12.8	11.8	10.7	9.7	8.0	6.2	4.4

LGP - Grinder Pumps (2.0 HP to 5.0 HP)

Model	Phase	Power		Start Method	m³/h l/min.	1.5	3	4.5	6	7.5	9	12	15	18	19.5																					
		kW	HP			25	50	75	100	125	150	200	250	300	325																					
LGP-1215/1215F	1Ø	1.5	2.0	Capacitor	H(m)	30.8	29.4	28	26	23.2	17.2	-	-	-	-																					
LGP-1235/1235F	3Ø			Direct												25	23.9	22.2	20.5	17.3	-	-	-	-												
LGP-1315/1315F	1Ø	2.2	3.0	Capacitor												30.8	29.4	28	26	23.2	17.2	-	-	-	-	-										
LGP-1335/1335F	3Ø			Direct																							24.6	24.4	24	23.7	22.8	21.7	19.1	16	11.7	5
LGP-2335	3Ø	2.2	3.0	Direct																							31	30.6	30	29.5	29	28	25.9	23.5	19.9	12
LGP-2535	3Ø	3.7	5.0	Direct																																

Note : • Available on request : Other Voltages, 60Hz.

• Subscript "F" pumps will be provided with a float switch.

Drainage & Sewage Pumps

Single/Three Phase



LAS - Heavy Duty Construction Drainage Pumps (1.5 HP to 15.0 HP)

Model		Power		Start Method	Max. Solid Passage Size (mm)	m ³ /h l/min	6	12	18	24	30	36	42	48	60	66	
Single Phase	Three Phase	kW	HP				100	200	300	400	500	600	700	800	1000	1100	
LAS 21A15/21A15F	-	1.1	1.5	Capacitor	8	H m	16.5	12.5	6	-	-	-	-	-	-	-	
-	LAS 21A35/21A35F			Direct													
LAS 3215/3215F	-	1.5	2.0	Capacitor	8		15.3	12.8	10	7	4	-	-	-	-	-	-
-	LAS 3235/3235F			Direct													
LAS 3315/3315F	-	2.2	3.0	Capacitor	11		20.3	18.4	16.4	14	12.5	8	5.5	-	-	-	-
-	LAS 3335/3335F			Direct													
-	LAS 3535	3.7	5.0	Direct	11	26	24.5	23.3	21.6	19.9	18	16	13.5	8	4.7		

Note : Subscript "F" pumps will be provided with a float switch.

Model	Power		Start Method	Max. Solid Passage Size (mm)	m ³ /h l/min	12	18	24	30	36	48	54	60	66	72	84	96	108
	Three Phase	kW				HP	200	300	400	500	600	800	900	1000	1100	1200	1400	1600
LAS 3735	5.5	7.5	Direct	10	H m	34.0	32.0	30.0	27.5	25.0	18.6	15.0	11.0	6.2	-	-	-	-
LAS 4735			Direct			27.9	27.0	26.0	25.0	24.0	21.5	20.0	18.8	17.5	16.0	12.7	9.20	5.7
LAS 41035	7.5	10.0	Direct	10		37.0	35.9	34.6	33.4	32.0	28.8	27.0	25.0	23.0	20.8	15.6	9	-
LAS 41535	11.0	15.0	Y - Δ	10		45.3	44.0	42.7	41.3	39.9	37.0	35.4	33.8	32.2	30.5	27.0	23.3	19.3
LAS 42035	15.0	20.0	Y - Δ	10		55.5	54.0	52.8	51.2	50.0	46.5	44.8	42.8	40.8	38.6	33.7	27.0	8.0

Model	Power		Start Method	Max. Solid Passage Size (mm)	m ³ /h l/min	18	36	54	72	90	108	126	144
	Three Phase	kW				HP	300	600	900	1200	1500	1800	2100
LAS 6735	5.5	7.5	Direct	10	H m	22.8	20.5	18.0	15.0	12.1	9.0	6.0	-
LAS 61035	7.5	10.0	Direct	10		27.5	24.9	22.0	19.0	16.0	13.0	9.4	5.4
LAS 61535	11.0	15.0	Y - Δ	10		32.1	30.2	27.8	26.0	21.5	17.7	14.9	8.6

LBP - Stainless Steel Submersible Effluent Vortex Pumps (0.5 HP to 2.0 HP)

MODEL		POWER		START METHOD	m ³ /h l/min	3	6	9	12	15	18	21	24	27
Single Phase	Three Phase	kW	HP			50	100	150	200	250	300	350	400	450
LBP 2015F	-	0.37	0.5	Capacitor	H (m)	6.4	5.4	4.3	3.1	1.7	-	-	-	-
-	LBP 2035/2035F	0.37	0.5	Direct		6.4	5.4	4.3	3.1	1.7	-	-	-	-
LBP 2115F	-	0.75	1.0	Capacitor		7.6	6.5	5.3	3.9	2.5	1	-	-	-
-	LBP 2135	0.75	1.0	Direct		7.6	6.5	5.3	3.9	2.5	1	-	-	-
LBP 21A15F	-	1.10	1.5	Capacitor		12	11.2	10.3	9.2	8.1	6.9	5.7	4.3	-
LBP 2215F	-	1.50	2.0	Capacitor		14.3	13.4	12.5	11.5	10.4	9.1	7.7	6.1	4.6

Note : Subscript "F" pumps will be provided with a float switch.

LLP - Large Volume Water Pumps (3.0 HP to 15.0 HP)

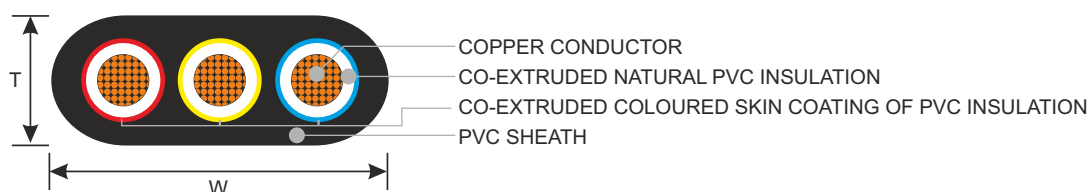
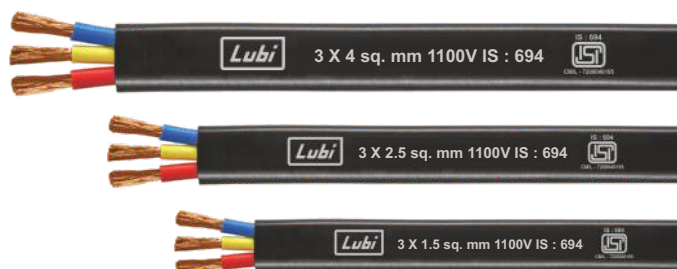
MODEL	POWER		START METHOD	Max. Solid Passage Size (mm)	m ³ /h l/min	30	60	90	120	150	180	210	240	270	300	360	420	510
	Three Phase	kW				HP	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000
LLP-6335	2.2	3.0	Direct	20	H (m)	4.5	3.2	2.6	2.3	2	-	-	-	-	-	-	-	-
LLP-8735	5.5	7.5	Direct	22		-	-	-	-	6	5	4.1	3.3	2.4	-	-	-	-
LLP-101035	7.5	10.0	Direct	22		-	-	-	-	-	-	-	5.8	5.2	4.6	3.4	2.5	-
LLP-121535	11.0	15.0	Direct	23		-	-	-	-	-	-	-	-	-	-	5.6	4.4	2.5

3 Core Flat Cables For Submersible Pump Motors



Lubi 3 Core Flat Cables are manufactured for critical space requirement, protection against indefinite immersion in water under specified conditions, protection against rain-water and against ingress of small solid foreign bodies.

Lubi 3 Core Flat Cables are produced from best quality electrolytic copper, which is drawn, annealed on-line and bunched on automatic machines to ensure flexibility and uniform resistance. The conductors are insulated with a special grade of PVC on sophisticated co-extrusion lines. Outer sheath consists of highly abrasion resistant PVC compound impervious to grease, oil and water etc.



3 Core Flat Cables (as per IS 694)

Lubi 3 Core flat Cables are having the same features of "Lubi Special" Submersible Cables as given above. These are having minimum insulation and sheathing thickness as specified in the IS 694

Conductor		Insulation Thickness (Nom.) mm	Sheath		Conductor Resistance @ 20° C (Max.) Ohms/km	Current Carrying Capacity @ 40° C Amps
Area (Nom.) Sq. mm.	No/dia. of strands mm		Overall dimensions			
		Thickness (Nom.) mm	Size (Approx.) (W x T) mm	Conductor Resistance @ 20° C (Max.) Ohms/km	Current Carrying Capacity @ 40° C Amps	
1.5	22/0.3	0.8	1.1	12.4 x 6.4	12.10	16
2.5	36/0.3	0.9	1.2	14.30 x 6.8	7.41	22
4.0	56/0.3	1	1.3	14.75 x 6.9	4.95	29

3 Core Flat Cables (generally conforming to IS : 694)

Conductor		Insulation Thickness (Nom.) mm	Sheath		Conductor Resistance @ 20° C (Max.) Ohms/km	Current Carrying Capacity @ 40° C Amps
Area (Nom.) Sq. mm.	No/dia. of strands mm		Overall dimensions			
		Thickness (Nom.) mm	Size (Approx.) (W x T) mm	Conductor Resistance @ 20° C (Max.) Ohms/km	Current Carrying Capacity @ 40° C Amps	
6	84/0.3	1.1	1.4	17.9 x 8.0	3.30	37
10	80/0.4	1.3	1.6	23.5 x 10.4	1.91	51
16	126/0.4	1.4	1.8	27.4 x 12.0	1.21	68
25	196/0.4	2	2.2	35.4 x 15.3	0.78	86
35	495/0.3	2.1	2.2	35.4 x 16.7	0.554	110

NOTE : 4 Core cable available on request.

Solar Submersible / Monoblock Pumps



First time in India & International market Solar AC and DC Motor

At Lubi Pumps, we have designed technology that can harness the renewable and vastly available solar energy for multiple pumping applications. Lubi solar pumps are stand-alone systems operating on power generated by solar photovoltaic panels. The power generated by solar panels is used for pumping applications in daily use, agriculture, irrigation, wastewater treatment, resorts, hotels, food and beverage industries, paper, textile, mining, manufacturing and automobile industries.



Solar Submersible / Monoblock Pumps

Performance

- Maximum flow : Up to 600 m³/day
- Maximum Head : Up to 547 metres
- Rating : 0.5 HP to 20 HP (0.37kW to 15 kw)
- Dis. Size : Up to 100 mm

Applications

- Villages, schools, hospitals, single-family houses, etc
- Farms - watering of cattle - irrigation of fields & green houses
- Game parks & game farms - watering applications
- Conservation areas - surface water pumping
- Floating pump installations for pumping of water from ponds and lakes



Friction Loss Table

Volume rate of flow LPM	Nominal Pipe outer dia. in mm								
	25	32	40	50	65	80	100	125	150
	Friction loss in mtr.								
30	0.364								
60	1.315	0.341							
75	1.988	0.516	0.246						
96	3.140	0.814	0.388						
120		1.231	0.587						
150		1.861	0.888	0.282					
192		2.940	1.402	0.190	0.126				
240			2.120	0.288	0.190				
300			3.205	0.887	0.288				
480				1.038	0.887	0.313			
600				1.570	1.038	0.474	0.131		
750				2.479	1.570	0.716	0.198		
960				3.747	2.479	1.131	0.312	0.111	
1200					3.747	1.710	0.472	0.167	
1500						2.585	0.713	0.253	0.106
1920						4.033	1.127	0.400	0.157
2400							1.704	0.605	0.252
3000							2.576	0.914	0.351
3600								1.281	0.534
4800								0.182	0.910
6000								3.299	1.376
7500									0.051

Permissible Flow Rate Table

Grade	Nominal Pipe outer dia. in mm						
	40	50	65	80	100	125	150
	Rate of flow in LPM						
Light (A-class)	114 - 164	164 - 314	314 - 598	598 - 932	932 - 1850	-	-
Medium (B-class)	107 - 160	160 - 297	297 - 588	588 - 898	898 - 1800	1800 - 3150	3150 - 5088
Heavy (C-class)	95 - 144	144 - 272	272 - 550	550 - 852	852 - 1720	1720 - 3082	3082 - 4957

- Friction loss in metres for 10 mtrs. long pipe (C=140)
- Permissible ranges of volume rates of flow (LPM) to limit friction losses to 10 % of the pipe length.

Friction Loss Table

Volume rate of flow LPM	Nominal Pipe outer dia. in mm								
	40	50	63	75	90	110	125	140	160
	Friction loss in mtr.								
30	0.074								
60	0.268								
75	0.405	0.131							
96	0.640	0.211							
120	0.967	0.310							
150	1.462	0.483	0.150						
192	2.309	0.762	0.250	0.106					
240	3.491	1.153	0.337	0.160					
300		1.742	0.571	0.242					
480		4.161	1.363	0.577	0.237				
600			2.060	0.873	0.358	0.133			
750			3.114	1.319	0.542	0.201			
960			4.919	2.084	0.856	0.317	0.172		
1200				3.151	1.293	0.479	0.260		
1500					1.955	0.715	0.392	0.225	0.117
1920					3.089	1.145	0.020	0.355	0.184
2400						1.731	0.937	0.537	0.279
3000						2.617	1.416	0.812	0.421
3600						3.008	1.985	1.138	0.590
4800							3.382	1.939	.006
6000								2.931	1.521
7500									2.299

Permissible Flow Rate Table

Capacity / Grade	Nominal Pipe outer dia. in mm								
	40	50	63	75	90	110	125	140	160
	Rate of flow in LPM								
2.5 kg/cm ² (0.25Mpa)	-	-	-	-	690 - 1174	1174 - 1995	1995 - 2798	2798 - 3775	3775 - 5357
4.0 kg/cm ² (0.40Mpa)	-	-	228 - 434	434 - 688	688 - 1110	1110 - 1902	1902 - 2660	2660 - 3587	3587 - 5097
6.0 kg/cm ² (0.60Mpa)	Up to 122	122 - 222	222 - 406	406 - 645	645 - 1044	1044 - 1785	1785 - 2486	2486 - 3358	3358 - 4785

- Friction loss in metres for 10 mtrs. long pipe (C=150)
- Permissible ranges of volume rates of flow (LPM) to limit friction losses to 10 % of the pipe length.

Head - Loss Table

Length of Straight Pipe in Metres Giving Equivalent Head Loss in Pipe Fittings, Valves etc.

Size of Pipe in mm	Standard Elbow	Medium Elbow	Long Radius Elbow	45° Elbow	Tee	Sluice Valve Full Open	Globe Valve Full Open	Angle Valve Open	Foot Valve or Reflux Valve
25	0.82	0.70	0.52	0.40	1.77	0.18	8.24	4.57	2.04
40	1.31	1.10	0.85	0.61	2.74	0.29	13.4	6.71	3.05
50	1.67	1.40	1.07	0.76	3.35	0.37	17.4	8.54	3.96
65	1.98	1.65	1.28	0.92	4.26	0.42	20.1	10.0	5.18
80	2.47	2.00	1.55	1.15	5.18	0.52	25.9	12.8	6.10
100	3.35	2.77	2.13	1.53	6.71	0.70	33.5	17.7	8.23
125	4.26	3.66	2.78	1.86	8.24	0.88	42.6	21.2	10.0
150	4.87	4.26	3.35	2.35	10.0	1.07	48.7	25.3	12.2
200	6.40	5.48	4.26	3.05	13.1	1.37	67.1	33.5	16.2
250	7.62	6.71	5.18	3.86	17.1	1.74	88.5	42.6	20.4
300	9.75	7.92	6.10	4.57	20.1	2.04	100.5	51.8	24.4

Cable Selection Chart



Submersible Pumpset Cable Selection Chart for 230V - Single Phase - 50Hz

Length in Metres																					
HP	10	20	30	40	50	60	70	80	90	100	120	140	160	180	200	250	300	350	400	450	500
0.50	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	4.0	4.0	4.0	6.0	6.0	6.0	10.0	10.0
1.00	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	4.0	4.0	4.0	6.0	6.0	6.0	10.0	10.0	10.0	16.0	16.0
1.50	1.5	1.5	1.5	2.5	2.5	2.5	4.0	4.0	4.0	6.0	6.0	10.0	10.0	10.0	10.0	16.0	16.0	16.0	25.0	25.0	25.0
2.00	2.5	2.5	2.5	2.5	4.0	4.0	4.0	6.0	6.0	6.0	10.0	10.0	10.0	16.0	16.0	16.0	25.0	25.0	25.0	35.0	35.0
3.00	2.5	2.5	2.5	2.5	4.0	4.0	6.0	6.0	6.0	10.0	10.0	10.0	16.0	16.0	16.0	25.0	25.0	25.0	35.0	35.0	35.0
4.00	2.5	2.5	2.5	4.0	4.0	6.0	6.0	10.0	10.0	10.0	10.0	16.0	16.0	16.0	16.0	25.0	25.0	25.0	35.0	35.0	35.0
5.00	2.5	2.5	4.0	4.0	6.0	6.0	10.0	10.0	10.0	10.0	16.0	16.0	16.0	25.0	25.0	25.0	35.0	35.0	50.0	50.0	50.0

For other Voltages the cable size is to be selected as follows :

$$\text{Calculated length} = \frac{230}{\text{actual voltage}} \times \text{actual length}$$

Submersible Pumpset Cable Selection Chart for 415V - Three Phase - 50Hz

Length in Metres																					
HP	10	20	30	40	50	60	70	80	90	100	120	140	160	180	200	250	300	350	400	450	500
1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	4.0	4.0
2.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	4.0	4.0	4.0	4.0
3.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	4.0	4.0	4.0	6.0	6.0	6.0
4.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	4.0	4.0	4.0	6.0	6.0	6.0	10.0	10.0
5.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	4.0	4.0	4.0	6.0	6.0	10.0	10.0	10.0	10.0
6.0	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	2.5	2.5	4.0	4.0	4.0	6.0	6.0	10.0	10.0	10.0	10.0	16.0
7.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2.5	2.5	2.5	4.0	4.0	4.0	6.0	6.0	10.0	10.0	10.0
10.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4.0	4.0	4.0	6.0	6.0	10.0	10.0	10.0	10.0	16.0
12.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4.0	4.0	4.0	4.0	4.0	6.0	6.0	10.0	10.0	10.0	16.0	16.0	16.0
15.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	4.0	4.0	4.0	4.0	6.0	6.0	6.0	10.0	10.0	10.0	16.0	16.0	16.0	16.0
17.5	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	6.0	6.0	6.0	10.0	10.0	10.0	16.0	16.0	16.0	25.0	25.0
20.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	6.0	10.0	10.0	10.0	10.0	16.0	16.0	16.0	25.0	25.0	25.0
25.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	6.0	10.0	10.0	10.0	16.0	16.0	16.0	25.0	25.0	25.0	35.0
30.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	10.0	10.0	10.0	10.0	16.0	16.0	25.0	25.0	25.0	35.0	35.0
40.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	16.0	16.0	16.0	25.0	25.0	25.0	35.0	35.0	50.0	50.0
50.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	25.0	25.0	35.0	35.0	50.0	50.0	50.0	70.0
60.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	35.0	35.0	50.0	50.0	50.0	70.0	70.0
70.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	35.0	50.0	50.0	50.0	70.0	70.0	70.0
80.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	50.0	50.0	70.0	70.0	95.0	95.0

Note : (1) HP 7.5 and above are STAR/DELTA motors.
 (2) For STAR DELTA Starting reduce current by $1/\sqrt{3}$ for selecting suitable cable.

For other Voltages the cable size is to be selected as follows :

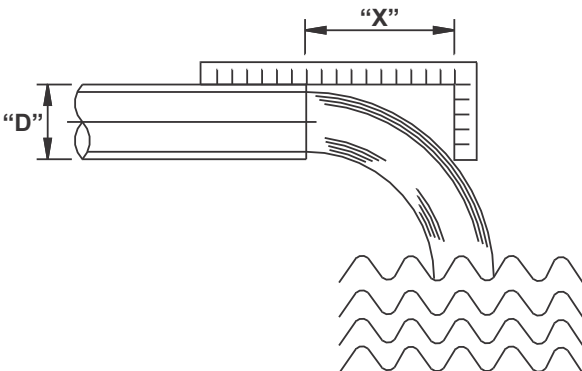
$$\text{Calculated length} = \frac{415}{\text{actual voltage}} \times \text{actual length}$$

Discharge Rate Table



Horizontal Distance "X" in Inches	Nominal Pipe Diameter "D"								
	1"	1¼"	1½"	2"	2½"	3"	4"	5"	6"
	Discharge Rate (Q) (Litres Per Minute)								
4	26	44	60	100	141	222	377	590	863
5	32	55	75	127	177	277	472	749	1090
6	39	67	91	150	213	331	567	885	1294
7	45	78	105	177	250	386	663	1044	1521
8	51	89	120	200	281	445	754	1180	1725
9	58	100	135	227	318	499	849	1339	1952
10	64	111	151	250	354	554	944	1475	2156
11	71	118	166	277	390	608	1040	1634	2383
12	77	132	177	300	427	667	1135	1771	2588
13	84	143	195	327	459	722	1226	1930	2815
14	91	154	211	350	495	776	1321	2043	3019
15	97	165	225	377	531	831	1416	2225	3223
16	103	177	240	400	567	890	1512	2361	3450
17	109	188	256	427	604	944	1603	2520	3677
18	116	198	271	449	636	999	1698	2679	3882
19	123	210	286	477	672	1053	1793	2815	4109
20	129	221	301	504	708	1108	1889	2951	4313
21	135	232	316	527	745	1162	1984	3110	4540
22	142	243	331	554	781	1221	2075	3269	4767
23	148	254	345	577	813	1276	2170	3405	4971
24	155	265	360	604	849	1330	2265	3541	5175
25	161	276	375	627	885	1389	2361	3700	5402
26	167	287	390	654	922	1444	2456	3836	5607
27	174	298	405	676	958	1498	2547	3995	5834
28	181	309	421	704	990	1553	2642		
29	187	320	436	726	1026	1607	2738		
30	193	331	451	754	1062	1666	2833		
31			468	776	1099	1721			
32			481	804	1135	1775			
33			495	826	1167	1830			
34			513	854	1203	1884			
35			527	881	1239	1943			
36			540	903	1276	1998			

DISCHARGE OUTPUT CHART



NOTE :

- "X" : Horizontal Distance in inches
- "D" : Nominal Pipe Diameter in inches
- "Q" : Discharge in LPM

Conversion Table



Flow Rate

Litre Per Second L/s	Litre Per Minute L/min	Cubic Meter Per Hour m ³ /hr	Cubic Foot Per Hour ft ³ /hr	Cubic Foot Per Minute ft ³ /min	Imp.gallon Per Minute Imp.gal/min	US gallon Per Minute US gal/min	US barrel Per Day US barrel/d (Petroleum)
1.000	60.000	3.600	127.133	2.118	13.200	15.850	543.439
0.017	1.000	0.060	2.118	0.035	0.220	0.264	9.057
0.278	16.667	1.000	35.314	0.588	3.666	4.403	150.955
0.008	0.472	0.028	1.000	0.016	0.104	0.125	4.275
0.472	28.317	1.699	60.000	1.000	6.229	7.480	256.475
0.076	4.546	0.272	9.632	0.160	1.000	1.201	41.175
0.063	3.785	0.227	8.020	0.133	0.833	1.000	34.286
0.002	0.110	0.006	0.233	0.003	0.024	0.029	1.000

Liquid

Cubic Meter m ³	Litre L	Millilitre mL	Imp.gallon imp.gal	US gallon US gal	Cubic Foot ft ³
1.000	1000	1 x 10 ⁶	220	264.2	35.3147
0.001	1.000	1000	0.22	0.2642	0.0353
1 x 10 ⁻⁶	0.001	1.000	2.2 x 10 ⁻⁴	2.642 x 10 ⁻⁴	3.53 x 10 ⁻⁵
0.00455	4.546	4546	1.000	1.201	0.1605
0.00378	3.785	3785	0.8327	1.000	0.1337
0.0283	28.317	28.317	6.2288	7.4805	1.000

Liquid Head and Pressure

Newton Per Square Meter N/m ² (Pa)	Kilo Pascal kPa	bar	Kilogram Force Per Square centimeter kgf/cm ²	Pound Force Per Square inch psi	Foot for Water ft H ₂ O	Meter of Water m H ₂ O	Millimeter of Mercury mm / Hg	Inch of Mercury In Hg
1.000	0.001	1 x 10 ⁻⁵	1.02 x 10 ⁻⁵	1.45 x 10 ⁻⁴	3.35 x 10 ⁻⁴	1.02 x 10 ⁻⁴	0.0075	2.95 x 10 ⁻⁴
1000	1.000	0.010	0.0102	0.145	0.335	0.102	7.5	0.295
1 x 10 ⁵	100	1.000	1.020	14.5	33.52	10.2	750.1	29.53
98.067	98.070	0.981	1.000	14.22	32.81	10	735.6	28.96
6895	6.895	0.069	0.0703	1.000	2.31	0.703	51.72	2.036
2984	2.984	0.030	0.0305	0.433	1.000	0.305	22.42	0.882
9789	9.789	0.098	0.100	1.42	3.28	1.000	73.42	2.891
133.3	0.133	0.001	0.0014	0.019	0.045	0.014	1.000	0.039
3386	3.386	0.033	0.0345	0.491	1.133	0.0345	25.4	1.000

Length

Millimeter mm	Centimeter cm	Meter m	Inch in	Foot ft	Yard yd
1.000	0.1	0.001	0.0394	0.0033	0.0011
10	1.000	0.01	0.3937	0.0328	0.0109
1000	100	1.000	39.3701	3.2808	1.0936
25.4	2.54	0.0254	1.000	0.0833	0.0278
304.8	30.48	0.3048	12	1.000	0.3333
914.4	91.44	0.9144	36	3.000	1.000

Temperature

To Convert From	To	Use Formula
Temperature Celsius, tc	Temperature Kelvin, tk	tk = tc + 273.15
Temperature Fahrenheit, tf	Temperature Kelvin, tk	tk = (tf + 459.67) / 1.8
Temperature Celsius, tc	Temperature Fahrenheit, tf	tf = 1.8 tc + 32
Temperature Fahrenheit, tf	Temperature Celsius, tc	tc = (tf - 32) / 1.8
Temperature Kelvin, tk	Temperature Celsius, tc	tc = tk + 273.15
Temperature Kelvin, tk	Temperature Fahrenheit, tf	tf = 1.8 tk - 459.67

Mass

Kilogram kg	Pound lb	Hundred Weight (cwt)	Tonne t	Ton long tn	Short Ton sh tn
1.000	2.205	0.0197	0.001	9.84 x 10 ⁻⁴	0.0011
0.454	1.000	0.0089	4.54 x 10 ⁻⁴	4.46 x 10 ⁻⁴	5.0 x 10 ⁻⁴
50.802	112	1.000	0.0508	0.05	0.056
1000	2204.6	19.684	1.000	0.9842	1.1023
1016	2240	20	1.0161	1.000	1.102
907.2	2000	17.857	0.9072	0.8929	1.000

Power

HP	W	kW
1 (Si)	746	0.746
1 (Metric)	7.36	0.736

BRANCH OFFICES

BANGALORE

P: 080-26755055
E-mail : bangalore@lubipumps.com

BHUBANESWAR

P: 0674 – 2581201
E-mail : bhubneshwar@lubipumps.com

COIMBATORE

M.: 093818 16333, 09884966938
E-mail : chennai@lubipumps.com

GHAZIABAD

M.: 9599652600
E-mail : ghaziabad@lubipumps.com

GUWAHATI

M.: 7874001086, 9510970398
E-mail : guwahati@lubipumps.com

GWALIOR

P: 0751-4920220
E-mail : gwalior@lubipumps.com

HUBLI

P: 0836-4270050
E-mail : hubli@lubipumps.com

HYDERABAD

P: 040-48505725, M: 8238038995
E-mail : hyderabad@lubipumps.com

INDORE

P: 0731-2543172, 2543867
E-mail : indore@lubipumps.com

JAIPUR

P: 0141-4022620, M.: 09649094048
E-mail : jaipur@lubipumps.com

JABALPUR

P : 0761-2688005,
E-mail : jabalpur@lubipumps.com

KANPUR

M: 7275000377, 7275676767
E-mail : kanpur@lubipumps.com

KOCHI

P: 0484-2345908
E-mail : kochin@lubipumps.com

KOLKATA

P: 033-25834473
E-mail : kolkata@lubipumps.com

NAGPUR

M: 095033 85575
E-mail : nagpur@lubipumps.com

NOIDA

P: 0120-4561707
E-mail : noida@lubipumps.com

PATNA

M: 09264431396
E-mail : patna@lubipumps.com

PUNE

P: 020-2588 0581 / 82
E-mail : pune@lubipumps.com

RAIPUR

P : 0771-4905876
E-mail : raipur@lubipumps.com

RANCHI

P: 0651-2209677
E-mail : ranchi@lubipumps.com

UDAIPUR

P: 0294-2640145
E-mail : udaipur@lubipumps.com

VIJAYAWADA

M: 09121226342, 06359602346
E-mail : vijaywada@lubipumps.com



LUBI INDUSTRIES LLP

Near Kalyan Mills, Naroda Road, Ahmedabad 380 025 (Gujarat), INDIA

+91 79 61700100 | Customer Care No. 09824200800

mktsales@lubipumps.com

www.lubipumps.com

