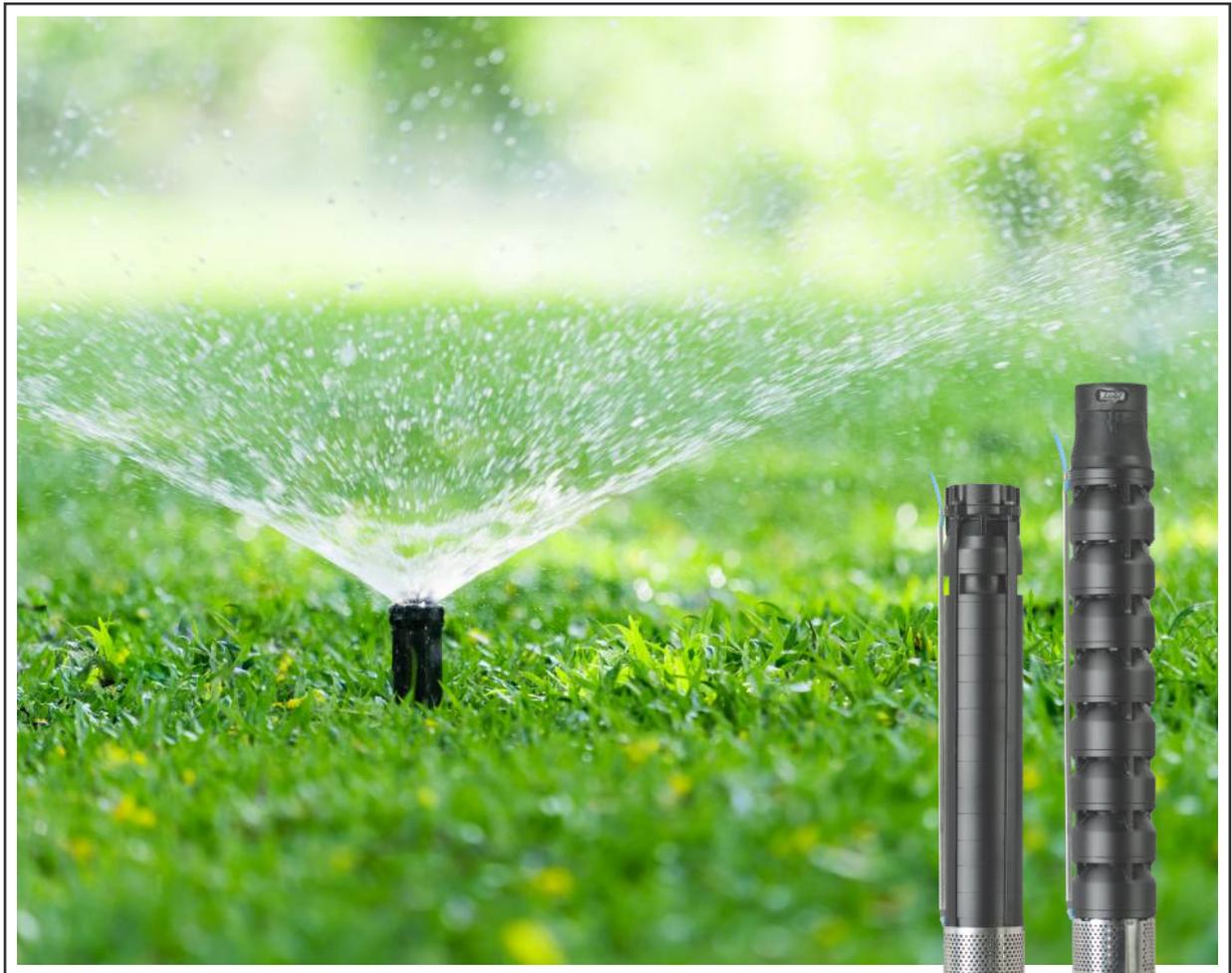


LSA & LSK5 SERIES

125 mm Submersible Pumpset
50 Hz



QUALITY • INNOVATION • SUSTAINABILITY

125 mm

5" Borewell Submersible Pumpsets



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

125 mm

5" Borewell Submersible Pumpsets



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	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	

Performance @ 350 V, 2-Phase Connection

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	

125 mm

5" Borewell Submersible Pumpsets



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

LUBI INDUSTRIES LLP

Near Kalyan Mills, Naroda Road, Ahmedabad-380 025, INDIA.

Phone : +91 - 79 - 61700100, Fax No. :+91 - 79 - 61700399.

Sales Enquiries: mktsales@lubipumps.com

www.lubipumps.com

Product Improvement is a continuous process at 'LUBI'. The data given in this publication is therefore subject to revision.



ISO 9001



ISO 14001

Customer Care Number : 09824200800