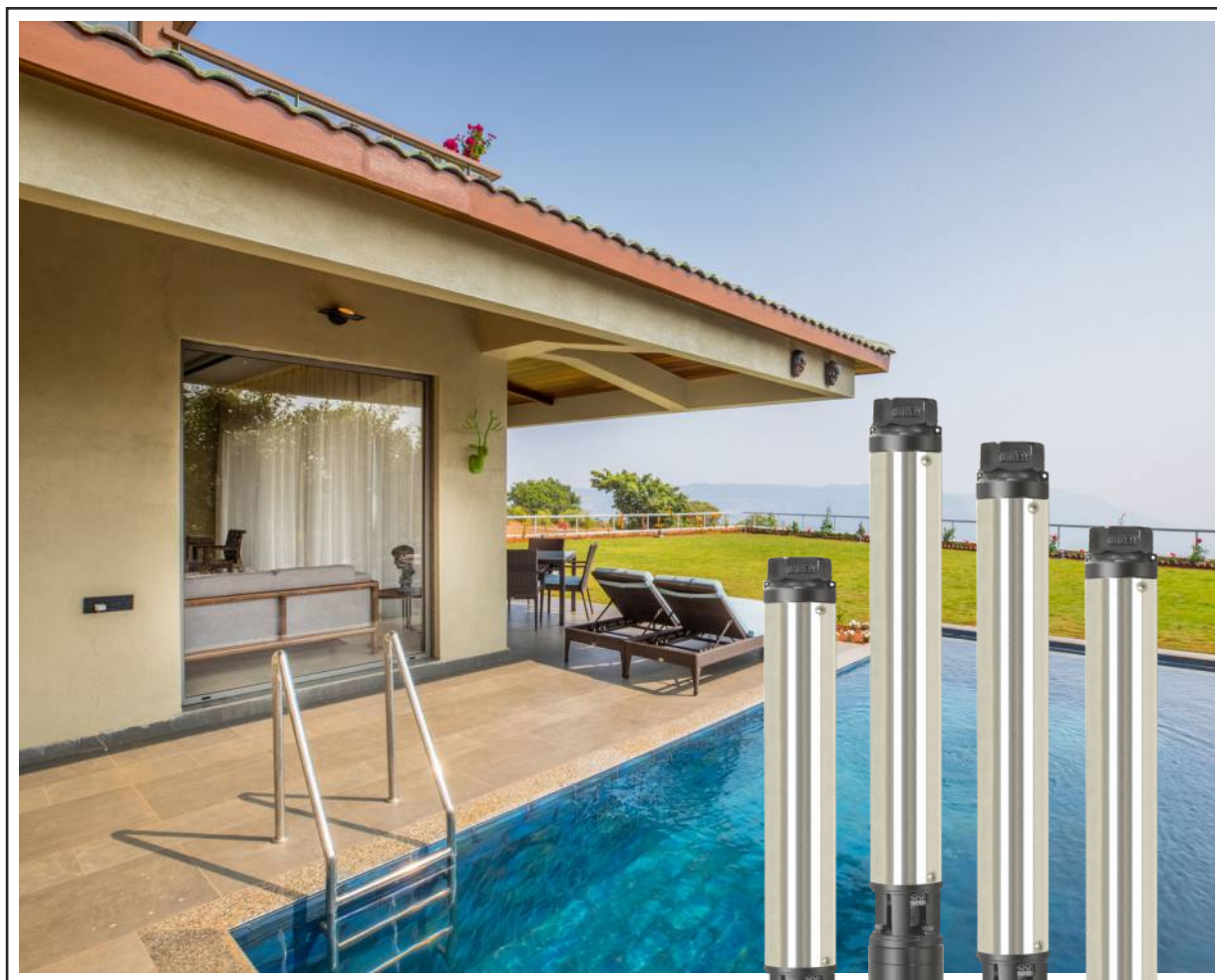


LUS & LGS SERIES

**Water Filled / Oil Filled
80 mm Submersible Pumpset
50 Hz**



QUALITY • INNOVATION • SUSTAINABILITY



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 Arrangement** : Designed so that no borewell water with sand can enter the motor.
- **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

80 mm

Borewell Submersible Pumpsets



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



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-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-75	10	0.75	1.00	46	36	33	31	25	10
LGS-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					
LGS/LUS-80	17	0.75	1.00	63	58	52	42	28	18
LGS/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.

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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