



Enriching Lives



**KSW/LIFTER**  
Shallow well Pumps



KSW



LIFTER

**KIRLOSKAR BROTHERS LIMITED**

A Kirloskar Group Company

Established 1888

## KSW/LIFTER Shallow well Pumps

### TECHNICAL SPECIFICATION

Head Range	:	Upto 40 meters
Discharge Range	:	Upto 3600 LPH
Power Ratings	:	0.37 to 1.1 kW (0.5 to 1.5 HP)
Voltage Range	:	180 to 240 Volts (Single Phase)

### APPLICATIONS

- Domestic Water Supply.
- Water supply to over head tanks.
- Car washing.
- Lawn sprinklers.

### FEATURES

#### High Head Applications

The pump has been designed to deliver large volumes of water for high head applications, helping customers to achieve high turnaround time and productivity.

#### High Quality Aluminum Motor Body

Special grade aluminum motor body provides high resistance to corrosion, better heat dissipation and lowers its overall weight for great portability.

#### High Suction Lift

The pump has suction lift capacity upto 8.5 meters with high head, allowing pumping water at high volumes for a variety of applications

#### Wide Voltage Design

The motor is designed to withstand wide voltage fluctuations from 182 to 240 volts and reduces motor burning in low voltage.

#### TOP - Thermal Overload Protector

The pumpset features a Thermal Overload protector that protects the motor from overloading, shielding the motor and associated circuit from the effects of fault current.

#### Handle to Enhance Grip and Portability

A handle attached to the pump allows user to carry the pump anywhere, adding to its portability and convenience of use.

#### Easy Maintainable Designs

Easy maintainable design and better interchangeability of components so that pump can be serviced even at remote locations by semi-skilled technicians.

#### Shielded Ball Bearing

The pumps are fitted with shielded ball bearing so no external lubrication required through life cycle and low noise level.

PERFORMANCE CHART FOR 'LIFTER/KSW' SERIES, 2 POLE, SHALLOW WELL PUMPS, AT RATED VOLTAGE, 50 Hz FREQUENCY, SINGLE PHASE A.C. POWER SUPPLY

S. No.	Pump Model	Power Rating		Pipe Size (mm)		Full Load Current (Amps)	Rated Voltage (Volts)	TOTAL HEAD IN METERS																		
		kW	HP	SUC.	DEL.			5	8	10	12	15	16	20	22	24	25	26	28	30	32	34	35	36	40	
		DISCHARGE IN LITRES PER HOUR																								
1	LIFTER-50	0.37	0.5	25	25	2.8	220	-	-	2300	2170	1890	1755	1050	500	-	-	-	-	-	-	-	-	-	-	-
2	LIFTER-60	0.37	0.5	25	25	3.4	220	-	2600	2520	2460	2340	2290	2070	1900	1750	1690	1590	1110	600	-	-	-	-	-	-
3	KSW-05	0.37	0.5	25	25	4.2	230	3300	3200	3120	3000	2820	2750	2400	2200	2040	1950	1850	1680	1500	-	-	-	-	-	-
4	LIFTER-100	0.75	1	25	25	5.5	220	-	-	-	-	-	-	2700	2500	2390	2260	2050	1800	1440	1000	810	630	-	-	-
5	KSW-10	0.75	1	25	25	5.5	240	-	-	-	-	3600	3550	3300	3000	2550	2400	2250	2050	1800	1450	1050	900	750	300	-
6	LIFTER-150	1.1	1.5	25	25	5.5	220	-	-	-	-	-	-	-	-	-	2500	2340	2070	1710	1440	1250	1080	-	-	-

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Service Toll-Free No.

**1800 103 4443**