

Authorised Dealer



VEMC

VIJAY ENGINEERING AND MACHINERY CO.

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2020

KIRLOSKAR BROTHERS LTD.



Enriching Lives



ETERNA SW/BW

SEWAGE DE-WATERING
SUBMERSIBLE PUMPS



SW



BW

KIRLOSKAR BROTHERS LIMITED

A Kirloskar Group Company

Established 1888

ETERNA SW/BW SEWAGE DE-WATERING SUBMERSIBLE PUMPS

TECHNICAL SPECIFICATION

Head Range	: Upto 12 metres
Discharge Range	: Upto 330 LPM
Power Ratings	: 0.75 to 1.8 kW (1 to 2.5 HP)
Voltage Range	: 180 to 240 Volts (Single Phase)
Protection	: Ip68
Insulation	: SW - F Class / BW - B Class
Cable Length	: 9.5 meters
pH Value	: 4 - 10
Max. Liquid density	: $1.2 \times 10^3 \text{ kg/m}^3$
Max. liquid temperature	: $+40^\circ\text{C}$

MATERIAL OF CONSTRUCTION

	SW	BW
Impeller	: Noryl	Cast Iron
Delivery Casing	: Stainless Steel	Cast Iron
Motor Body	: Stainless Steel	Stainless Steel
Pump Shaft	: Stainless Steel	Stainless Steel
Cutter	: -	40 Cr Steel

APPLICATIONS

- Removing stagnant water from basement / underground parkings / garages
- Draining accumulated storm water during monsoons
- Emptying water-tanks and pits for cleaning
- Waste water from kitchens, hotels, clubs
- Surplus water from sumps

FEATURES

Automatic On – Off Switch

Pre-fitted float switch ensure that the pump start and stop automatically as per need. This protects the pump from dry running and burning.

Ready To Use

No installation required, just drop it in the tank, and it is ready to use.

Corrosion Free

Stainless steel body and other rust free parts prevent corrosion.

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.

PERFORMANCE CHART FOR SW AND BW PUMPS AT RATED VOLTAGE, 50 Hz FREQUENCY, SINGLE-PHASE AC POWER SUPPLY

S. No.	Pump Model	Power Rating		Del. Size (mm)	Rated Voltage (Volts)	TOTAL HEAD IN METRES								Max. Solid Size (mm)	Min. Sub. From Bottom (mm)	
						3	4	5	6	7	8	9	10			12
		kW	HP			DISCHARGE IN LITERS PER MINUTE										
1	750SW	0.75	1.0	40	220	180	150	120	95	60	-	-	-	-	15	370
2	1000SW	0.93	1.25	40	220	-	-	200	180	150	120	90	50	-	15	390
3	1300BW	1.3	1.75	50	220	-	-	-	270	240	204	162	132	60	10	530
4	1800BW	1.8	2.5	65	220	-	-	-	330	300	240	180	120	-	10	630

Note: Performance applicable to liquid of specific gravity 1 and viscosity as of water.

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