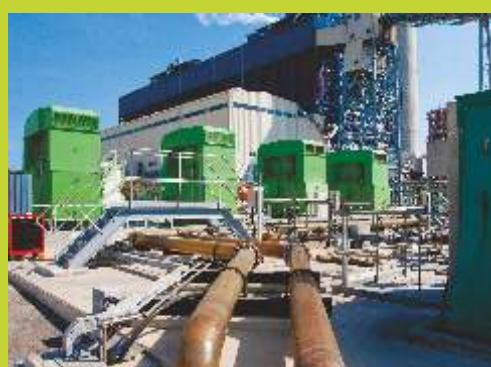




Enriching Lives



**DWSS**  
DEWATERING  
SUBMERSIBLE PUMP



**KIRLOSKAR BROTHERS LIMITED**

A Kirloskar Group Company  
Established 1888

# DWSS

## Dewatering Submersible Pump

Kirloskar DWSS Series dewatering submersible pumps add convenience and efficiency to removing groundwater or surface water from construction sites, mine shafts, quarries or draining water from flooded basements.

The pump is totally encased in a stainless steel body to provide high resistance to corrosion. Dual sealing by a mechanical process shields the pump's interior from moisture and water seepage. Positioning the suction at the lower edge of the pump enables it to remove water up to the bottom-most level, making it convenient for applications even in tight enclosures.

The pump also features a robust construction and class-leading electrical components, reflecting quality and durability that consumers have come to expect from Kirloskar Brothers Limited – one of India's leading manufacturers of pumps.

### PRODUCT SNAPSHOT

#### Range and Technical Specification

Head : 5 to 24 metres  
Capacity : 19.5 to 1 LPS  
Power Rating : 0.75kW / 1 HP to 3.7kW / 5HP  
Phase : 3 Phase ( 1 HP & 2 HP also available in 1 Phase)  
RPM : 2,750

#### Construction Material

Impeller : Stainless Steel  
Motor Body : Stainless Steel  
Upper Cover : Stainless Steel  
Strainer : Stainless Steel  
Pump Shaft : Stainless Steel  
Diffuser : Stainless Steel  
Mechanical Seal : Carbon vs Ceramic & SIC vs SIC



#### Fully Stainless Steel Pump

The entire pump is built with stainless steel, right from the body to the impeller and shaft, making it light weight and resistant to corrosion.



#### Dual Mechanical Seal

The pump is sealed mechanically from both inside and outside, preventing electrical and water leakage during its operation and enhancing pump life.



#### Bottom Suction

Positioning the suction at the bottom edge of the pump facilitates greater removal of water, right up to the bottom level.



#### Compact Design

Light weight, compact size and ease of handling makes the pump highly portable for use in diverse locations.



#### Dual ball bearing

The pump employs dual ball bearings to greatly reduce rotational friction as well as offer better support to radial and axial loads.



#### PP Insulation

### APPLICATIONS

Small and heavy duty dewatering applications in:

- Basements
- Construction Sites
- Mines, Pits & Quarries
- Narrow Coffers

3 PHASE PUMP PERFORMANCE TABLE - DWSS SERIES														
SR. NO.	MODELS	POWER RATING		DEL. SIZE (IN MM)	HEAD IN METERS									
					24	22	20	18	16	14	12	10	8	6
		kW	HP		DISCHARGE IN LPM									
1	DWSS 4-113	0.7	1.0	50							96	174	243	306
2	DWSS 9-218	1.5	2.0	50				66	162	264	372	420	450	470
3	DWSS 11-320	2.2	3.0	65			126	270	390	480	552	630	708	774
4	DWSS 15-525	3.7	5.0	65	174	360	492	612	732	852	960	1062	1170	

1 PHASE PUMP PERFORMANCE TABLE - DWSS SERIES														
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DWSS-06-2016-00

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#### OUR COMPANIES



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