



Enriching Lives



DWSS

Dewatering Submersible
Pumps



KIRLOSKAR BROTHERS LIMITED

A Kirloskar Group Company

Established 1888

DWSS

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TECHNICAL SPECIFICATION

Head	: Upto 24 meters
Capacity	: Upto 1170 LPM
Power Rating	: 0.75 to 3.7 kW (1 to 5 HP)
Voltage Range	: 180 to 240 Volts (Single phase) 380 to 440 Volts (Three phase)
Type of Cooling	: Oil cooled
Insulation	: F Class
Protection	: IP 68

MATERIAL OF CONSTRUCTION

Impeller	: Stainless Steel 304
Motor Body	: Stainless Steel 202
Upper Cover	: Stainless Steel 304
Strainer	: Stainless Steel 202
Pump Shaft	: Stainless Steel 410
Diffuser	: Stainless Steel 304
Mechanical Seal	: Carbon vs Ceramic & SIC vs SIC

APPLICATIONS

- De-watering from basements, multi-storeys, shopping malls, godowns.
- De-watering foundation, trenches and pits.
- Pumping water from docks, ports, vessels.
- Flood water handling.
- Construction Site.

FEATURES

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.

Jacketed body

Stainless Steel jacket body provides self-cooling to motor and prevent motor burning

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.

Replaceable Wearing Parts

All wearing parts within the pumps are easily accessible and replaceable which provides ease of maintenance thereby extending the life of the pump.

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 bearings to greatly reduce rotational friction as well as offer better support to radial and axial loads.

PERFORMANCE CHART FOR 'DWSS' SERIES, DEWATERING SUBMERSIBLE PUMPS, AT RATED VOLTAGE, 50 Hz FREQUENCY, THREE PHASE A.C. POWER SUPPLY

S. No.	Pump Model	Power Rating		Del. Size (mm)	Rated Voltage (Volts)	TOTAL HEAD IN METERS										
		kW	HP			5	6	8	10	12	14	16	18	20	22	24
						DISCHARGE IN LITERS PER MINUTE										
1	DWSS 4-113 *0.7	1.0	50	415	333	306	243	174	96	-	-	-	-	-	-	-
2	DWSS 9-218 *1.5	2.0	50	415	480	470	450	420	372	264	162	66	-	-	-	-
3	DWSS 11-3202.2	3.0	65	415	810	774	708	630	552	480	390	270	126	-	-	-
4	DWSS 15-5253.7	5.0	65	415	-	-	1170	1062	960	852	732	612	492	360	174	-

Note: 1 HP and 2 HP Models are also available in Single Phase.
Performance applicable to liquid of specific gravity 1 and viscosity as of water.

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Service Toll-Free No.

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