

GRUNDFOS®



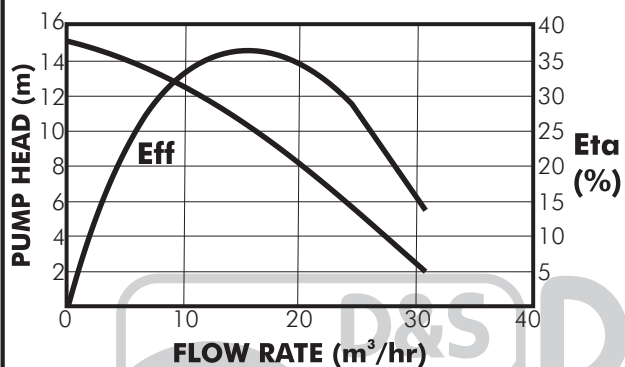
DATA SHEET

Submersible
Drainage Pumps

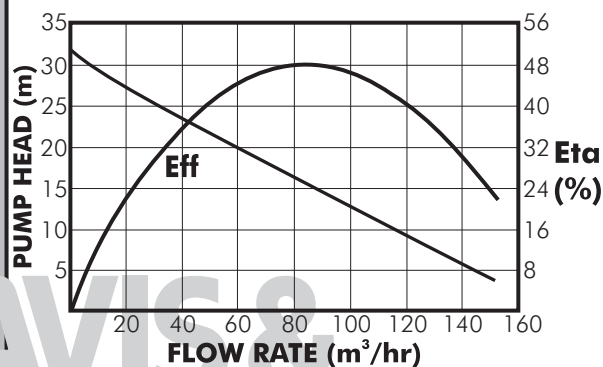
DW



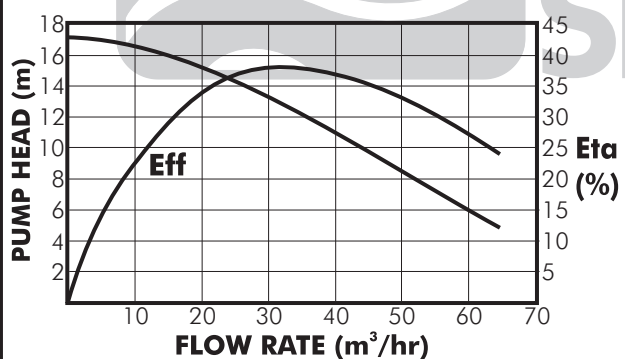
DW.50.08.03



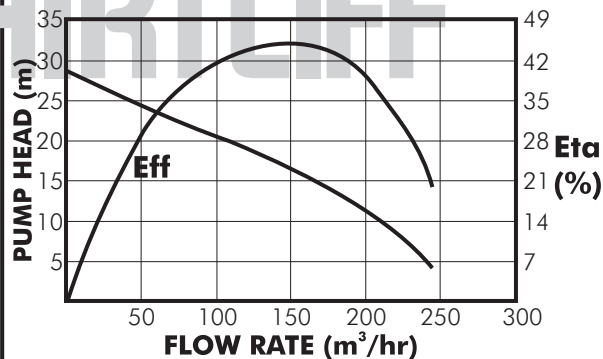
DW.100.66.03



DW.65.27.03



DW.150.110.03



PUMP

GRUNDFOS DW contractor pumps are specially designed to meet heavy-duty drainage and de-watering requirements for applications including construction sites, mines, quarries, etc. All pumps are of exceptionally robust design and manufactured using the highest quality materials to ensure reliability in the harshest operating conditions. A special feature of the design is the option of automatic level control by means of built in electrodes thus avoiding the necessity for a separate level control unit with cables. Also the pumps' slim design and light weight suits both temporary and permanent installations and makes them easy to handle, transportable and simple to install.

Materials of construction are of particularly high specifications including cast nickel-chromium steel semi open multi-vane impellers, heavy-duty dual level mechanical and lip seals, adjustable rubber lined wearing parts for abrasive protection and aluminum alloy stator housing and cooling jackets. All pumps are supplied with 20m of power cable.

The extensive GRUNDFOS DW pump range covers a wide selection of duties, the four models specified being standard stock items. Other models available to special order to suit different pumping applications.

MOTOR

All pumps are fitted with integral sealed squirrel-cage two-pole induction motors and the jacketed pump body design provides for effective cooling when partially submerged. A thermal overload is incorporated in the windings for additional protection, though all models should be provided with a remote direct-on-line starter with overload protection.

Insulation Class: F **Voltage:** 3 x 415V **Speed:** 2900rpm **Enclosure Class:** IP68

OPERATING CONDITIONS

Pumped liquid: thin, chemically non-aggressive liquids including high abrasive content.

Max. Fluid Temperature: +40°C

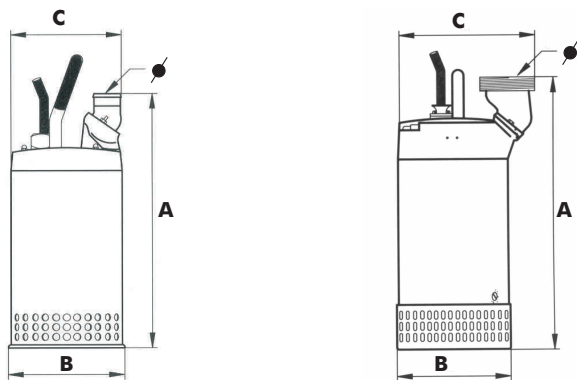
Max. Liquid Density: 1100kg/m³

pH Range: 5-8

DATA

Model	Output Power (kW)	Operating Current (A)	Dimensions (mm)			Outlet ϕ	Weight (kgs)	*Max Depth (m)
			A	B	C			
DW50.08.3	0.8	2.5	432	200	200	2"	13	5
DW65.27.3	2.7	6.2	525	246	250	2.5"	33	25
DW100.66.3	6.6	12.5	710	246	275	4"	51	25
DW150.110.3	11	23	820	360	410	6"	110	20

* Maximum Immersion Depth



DW50.08.3

DW65.27.3, DW100.66.3, DW150.110.3

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