

PRODUCT DATA SHEET SUBMERSIBLE PUMP



Omnigena

WQ 13-10-0.75

The WQ 13-10-0.75 submersible pump is designed for pumping cold, fresh, dirty water contaminated with organic components (without grinding elements). It can also pump grey water and sewage water. Useful for irrigation or pumping water from reservoirs or ponds as well as for removing water from flooded premises, car parks, and drainage ditches. The pump incorporates a channel impeller developed specifically for sewage pumps. The impeller has a wide channel extending from the inlet to the outlet, which prevents internal clogging by solids sucked in at the inlet.

FEATURES

- High performance
- Large throughput for organic pollutants
- Double mechanical gland in the oil chamber
- Float controller which controls the pump in relation to the water level in the tank
- Oil chamber for improved mechanical seal efficiency
- Suitable for use with a flexible discharge hose or connection using a rigid pipe.
- Thermal protection built into the winding, which protects the motor from overheating
- Robust construction contributes to the durability of the unit
- The compact design of the pump allows it to be installed in small bore tanks
- Cable with plug



TECHNICAL DATA

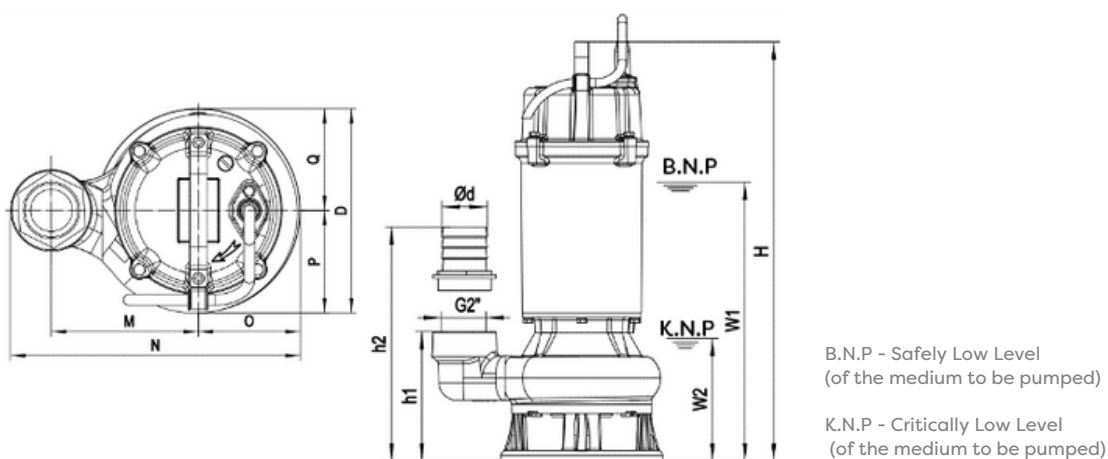
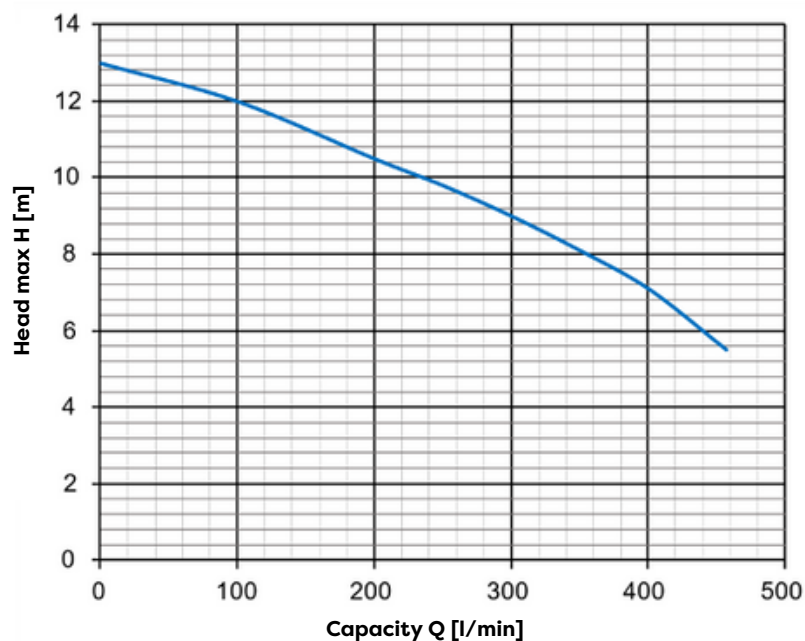
Max. water temperature	40°C
Max. immersion depth	10 m
PH of the medium	6 ÷ 10
Density of the medium	1.3 g/cm ³
Working position	vertical
Cable length	8 m
Max. solids size	25 mm
Degree of protection	IP 68
Insulation class	B

MATERIALS

Motor housing	cast iron
Rotor	cast iron
Pump casing	cast iron
Suction basket/base	cast iron
Double mechanical gland	stainless steel
Double mechanical gland	silicon carbide-ceramic /graphite-ceramic

TABLE OF PARAMETERS

Pump model	Q max Performance [l/min].	H max Head max [m]	P Motor power [W]	U Voltage [V]	I max Current [A]	RP-G Discharge outlet [inch]	Hose Ød Recommended diameter [inch]	Weight with/without packaging [kg]
WQ 13-10-0.75	457	13	0.75	230	5,2	GW 2"	50	21.5/19.5



Dimension	H	O	P	Q	M	D	h1	h2	W1	W2	N
Value [mm]	445	90	95	90	115	185	135	200	315	120	242

The manufacturer reserves the right to make design and colour changes to the product at any time without prior notice. Photographs, drawings and diagrams are for illustrative purposes only. Verification of product parameters was carried out on a selected batch. Depending on the production batch, these parameters may vary. Before purchasing the product, please check the parameters of the specific unit on the nameplate. The specified parameters are obtained at the unit output without taking into account external factors, e.g. in pumps - resistance of the discharge and suction installation. The equipment parameters were obtained under laboratory conditions. Under operating conditions, there may be a difference of +/- 10 % from that indicated on the nameplate of the individual unit. The maximum motor power quoted is the power output at the motor shaft. Before installation, please check the nameplate specifications of the individual pump.

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