

PRODUCT DATA SHEET DRAINAGE PUMP



Omnigena

WQ 125-31-7.5 PREMIUM

Submersible pump WQ 125-31-7,5 PREMIUM is designed for pumping of drainage water, rainwater, river, and process water, polluted with solids of organic and mineral origin. It can pump cold, fresh water with sediment, silt, sludge sand e.g. from excavations. This pump is a professional tool prepared to work in places such as mines, quarries, coal mines, and sewage treatment plants. The pump, which bears the PREMIUM mark, is distinguished by the highest standard of workmanship using the best materials available on the market.



FEATURES

- **Adapted to the toughest working conditions**
- High hydraulic efficiency
- **Design of semi-open rotor and long-life rotor chamber**
- Airtight motor housing allows the pump to be submerged **up to 25 m below the water surface**
- **Thermal motor protection**
Built-in
- The motor winding is cooled by the pumped water, allowing **the pump to operate continuously in partial submersion** (up to the water level reaching the top of the suction cage).
- Double mechanical gland in the oil chamber
- Oil chamber for improved mechanical seal efficiency
- High hydraulic efficiency
- Discharge outlet located on the top cover - reduced weight and external dimensions.



TECHNICAL DATA

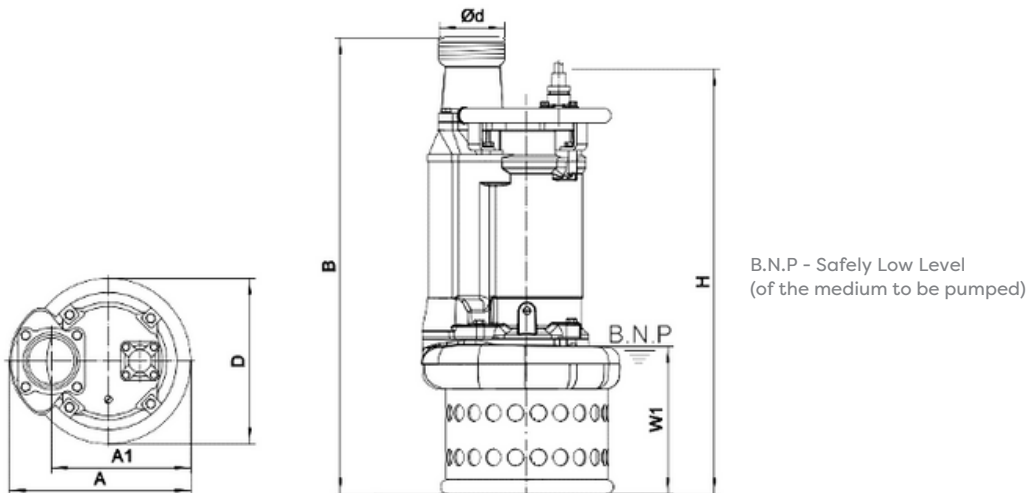
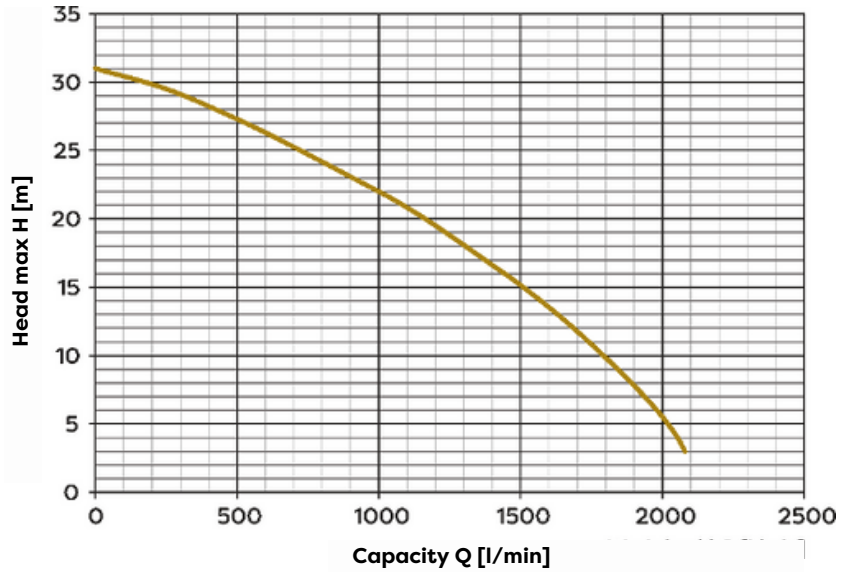
Max. water temperature	40°C
Max. immersion depth	25 m
Working position	vertical
Cable length	8 m
Max. contamination	19,5 mm
Degree of protection	IP 68
Insulation class	F

MATERIALS

Motor housing	cast iron
Rotor	chromium steel alloy + spheroidal cast iron
Pump casing	cast iron
Sieve	steel
Double mechanical gland	silicon carbide-silicon carbide / silicon carbide-silicon carbide

TABLE AND PARAMETER CHARTS

Pump model	Q _{max} Performance [l/min].	H _{max} Head max [m]	P Motor power [W]	U Voltage [V]	I Current [A]	RP-Ød Discharge outlet [inch]	Weight with/without packaging [kg]
Q 125-31-7.5 PREMIUM	2080	31	7.5	400	15	GZ 6"	119/108



Dimension	H	A	A1	B	D	W1
Value [mm]	676	330	240	790	314	190

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. Version 12/2022