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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

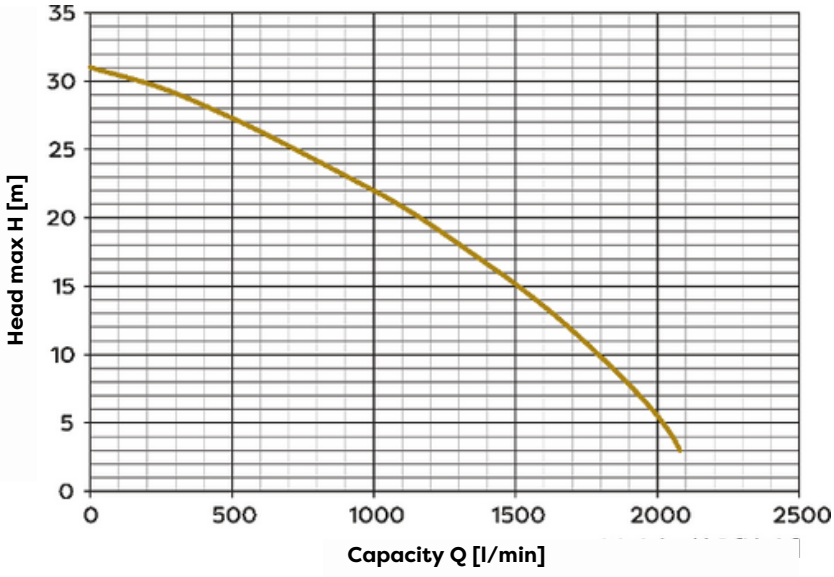
Max. water temperature	40°C
Max. immersion depth	25 m
Working position	vertical
Cable length	8 m
Max. contamination	19.5 mm
Degree of protection	IP 68
Insulation class	F

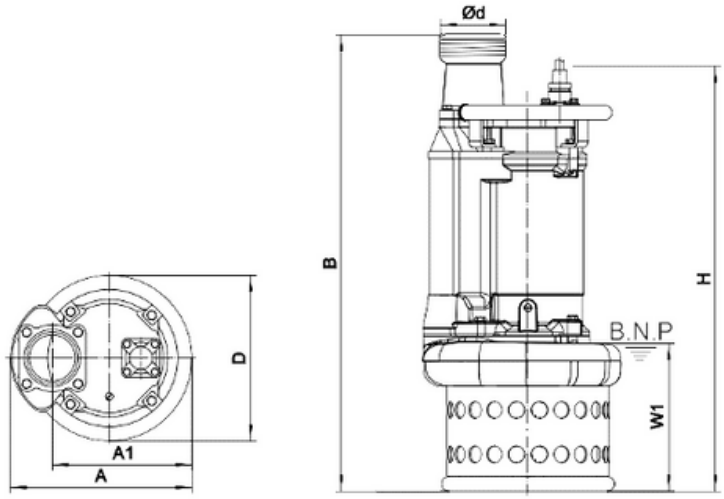
MATERIALS

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





B.N.P - Safely Low Level
(of the medium to be pumped)

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