

PRODUCT DATA SHEET SUBMERSIBLE PUMP



Omnigena

TP 500 INOX

The submersible drainage pump of the TP INOX series is designed for pumping clean cold fresh water or water slightly polluted with contaminants of organic origin (without grinding elements). The use of stainless steel contributes to its durability and service life. The pump is suitable for drainage applications with small sump sizes. It can be used for draining swimming pools, tanks and flooded basements, garages, among other applications.

FEATURES

- **The compact design of the pump allows it to be installed in small bore tanks**
- **No venting required**
- Lightweight and simple design allows easy maintenance, simple operation and high mobility of the unit
- Float controller which controls the pump operation depending on the water level in the tank
- Useful for drainage where there are small manhole sizes
- Suitable for use with various sizes of flexible hoses or for connection to a rigid pipe



TECHNICAL DATA

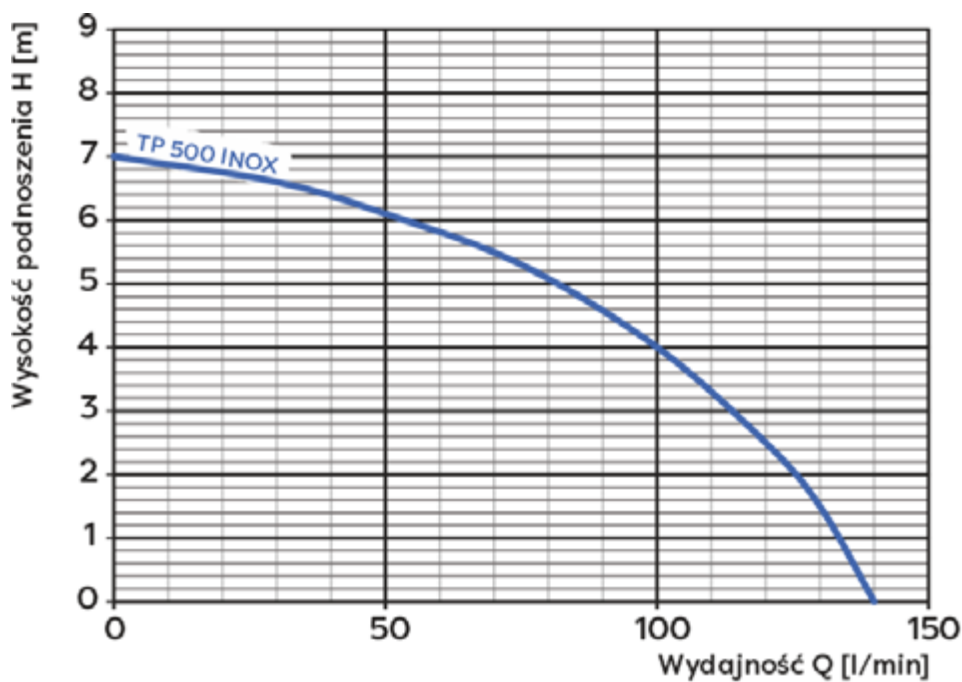
Max. water temperature	35°C
Max. immersion depth	6 m
Length of power cable	10 m
Max. number of starts	15/hour
Degree of protection	IP X8
Max. size of contaminants	5 mm
Working position	vertical
Insulation class	B

MATERIALS

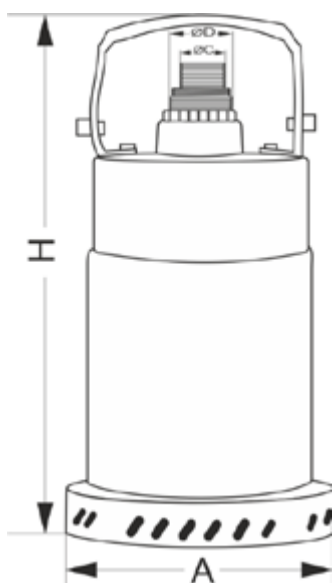
Pump casing	stainless steel
Mechanical gland	ceramic-graphite
Rotor	noryl
Suction screen/base	stainless steel

TABLE OF PARAMETERS

Pump model	Q max Capacity [l/min]	H max Head max [m]	P Motor power [kW]	U Voltage [V]	I Current [A]	RP-Ø Discharge outlet [inch]	Ø Hose C/D [mm]	H Pump height [cm]	Size Contaminants [cm]	A Pump diameter [cm]	Weight Z opak /without [kg]
TP 500 INOX	140	7	0.4	230	1.8	GZ 1" GW 1/2"	25/32	34.5	5	14.5	4.8/4.5



Parameter charts
 [Rys. Y: Head max H [m],
 X: Capacity Q [l/min]]



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 and installing 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 such as in pumps - the resistance of the discharge and suction installation. The unit parameters were obtained under laboratory conditions. The maximum motor power indicated on the rating plate is the power output at the motor shaft. Under operating conditions, there may be a difference of +/- 10 % from that indicated on the nameplate of the individual unit. Version 07/2021