

PRODUCT DATA SHEET BOOSTER SET PUMP



Omnigena

JET 100A

The JET 100A booster set pump is designed to supply fresh, cold clean water under pressure. The JET 100A booster set pump is designed to supply water from wells or other sources to residential buildings as well as farm and allotment buildings. It is ideal for irrigation of small areas.

FEATURES

- Single-stage, centrifugal
- High self-priming efficiency
- Relatively high hydraulic performance
- Thermal protection built into the winding, which protects the motor against overheating
- Robust and durable construction
- Compact dimensions
- Simple and quick installation
- Easy operation



MATERIALS

Pump casing	cast iron
Stator housing	aluminium
Mechanical gland	silicon carbide/graphite
Pump shaft	stainless steel
Rotor	stainless steel

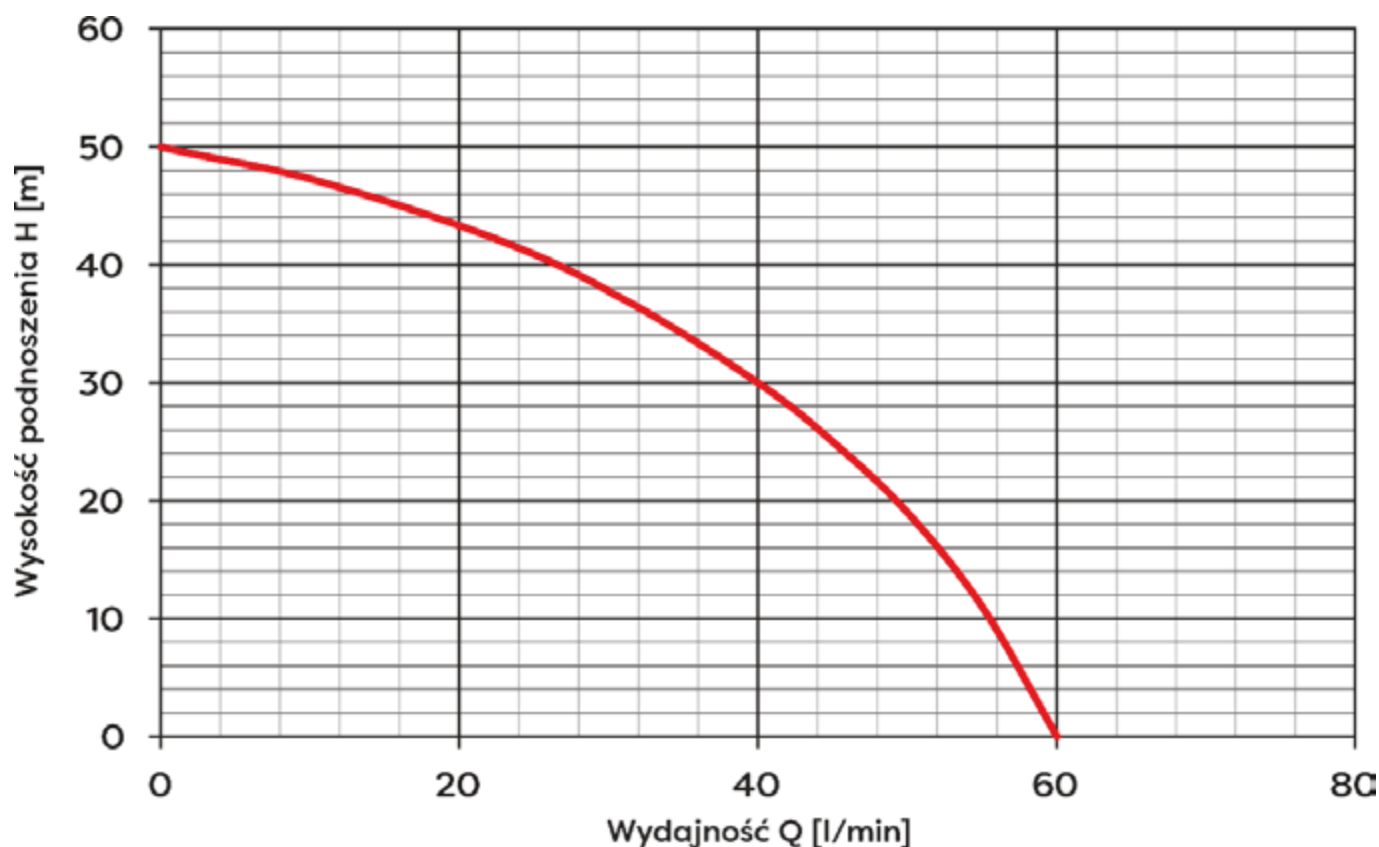
TECHNICAL DATA

Max. water temperature	35 °C
Max. suction depth	8 m
Length of power cable	0,6 m
Degree of protection for the pump	IP 22
Motor speed	2850 rpm
Insulation class	B

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 Suction inlet/ discharge outlet [inch]	Dimensions L/sh/w [cm]	Dimensions packaging [cm]	Weight with packaging/ without [kg]
JET 100A	60	50	1.1	230	4.6	GW 1"x1"	43.5x18.5x20	44.5x20x23	16/15.5

Graph



[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, e.g. in pumps - resistance of the discharge and suction installation. The unit 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. Version 12/2022