

# PRODUCT DATA SHEET

## SUBMERSIBLE PUMP WITH GRINDER



### WQ FURIA series

The WQ FURIA submersible pump is designed for pumping dirty water, and fresh, cold water polluted with organic solids (without grinding elements). It can also pump faecal matter, grey water, wastewater contaminated with textile elements.

#### FEATURES

- Effective and efficient dirt grinding system
- Float controller controlling the pump operation depending on the level of the pumped medium
- Oil chamber solution to improve the efficiency of the mechanical seal between the pump and the motor
- Double mechanical gland in the oil chamber
- Suitable for use with a flexible discharge hose or for connecting a rigid pipe
- Thermal motor protection built into the winding
- Overcurrent circuit breaker for motor overload protection
- Cable with plug



#### TECHNICAL DATA

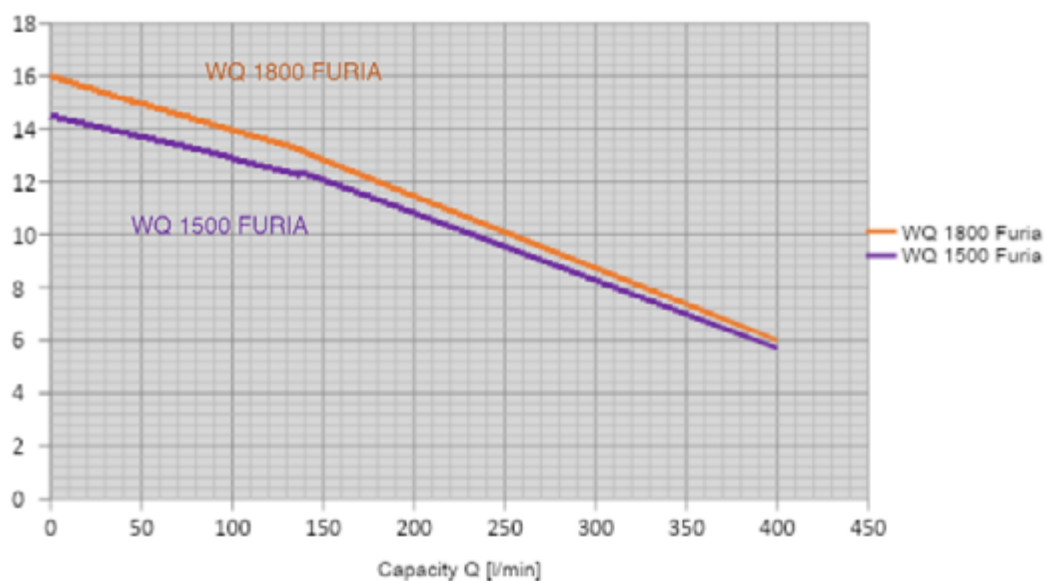
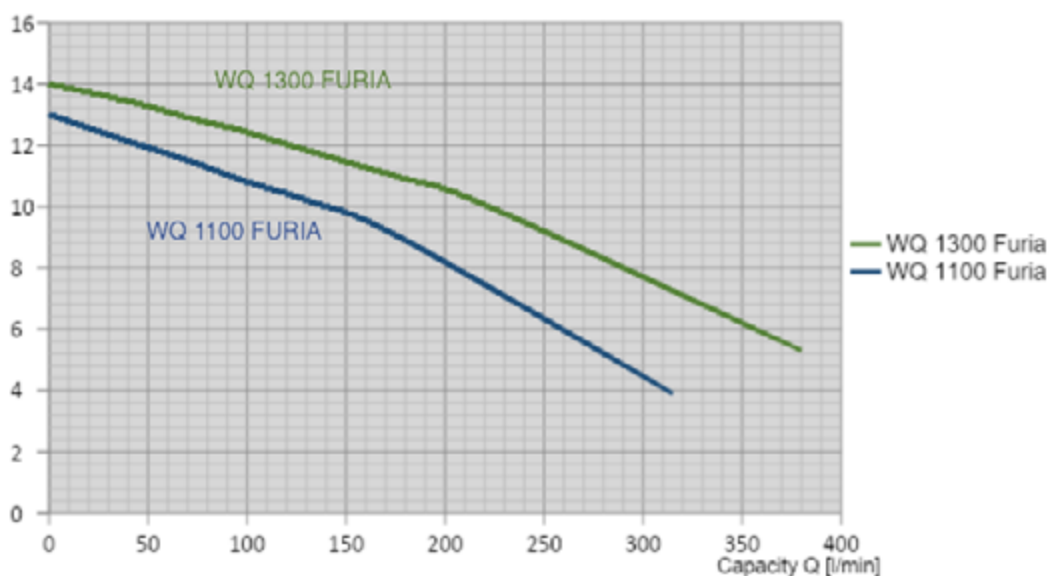
Max. water temperature	35°C
Max. immersion depth	10 m
Working position	vertical
Cable length	5.5 m
Degree of protection	IP 68
Insulation class	B

#### MATERIALS

Motor housing	stainless steel
Rotor	cast iron
Pump casing	cast iron
Grinding system	steel
Double mechanical gland	silicon carbide-graphite/ graphite-ceramic

## TABLE AND PARAMETER CHARTS

Pump model	Q max Capacity [l/min]	H max Head max [m]	P Motor power [kW]	U Voltage [V]	I max Current [A]	RP-Ø Output press [inch].	Hose Recommended diameter [mm]	Dimensions L x W x H (without outlet) [cm]	Weight [kg]
WQ1100 FURIA	315	13	1.1	230	7.2	2"	50	24x20x46	21
WQ1300 FURIA	380	14	1.3	230	7.8	2"	50	24x20x47	22
WQ1500 FURIA	400	14.5	1.5	230	8.5	2"	50	24x20x48	23
WQ1800 FURIA	400	16	1.8	230	12	2"	50	26x21x50	24



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 and installation, 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. 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 the nameplate rating of the individual unit. Version 09/2021