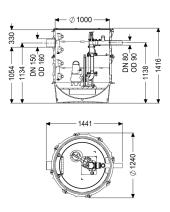


Pumping station Aquapump XL Tronic, GTF 1600-S1





Article information

Item no.: 8743020 GTIN: 4026092075746

Price group: 60

Advantages

- Maximum safety
- Flexible installation
- Also handles large quantities of wastewater

Description

The pumping station is equipped with one or two submersible pumps and a backflow preventer. The collection tank made of permanently resistant polymer (PE) has an open pump tank with universal connection options. Quick-release closures enable the integrated components to be removed easily. The KESSEL modular system provides different engineering chamber options as accessories for the further layout. Stainless steel pump removal chains available as accessory for each installation depth - Article number:

680528 = Length 2 m 680529 = Length 3 m 680530 = Length 4 m 680531 = Length 5 m

Variant

Note on installation depth: in combination with a chamber module

Type of system: Single unit

Shut-off valve: Shut-off valve made of polymer

Passage seal for conduit pipe (DN): 100 Access steps: yes

Passage seal for ventilation pipe (DN): 100

Installation: Wet installation
Pump control: Control unit
Backflow preventer: integrated
Pressure pipe connection: horizontal



General characteristics

Colour: black

Standard: EN 12050-2 as well as EN 12050-1 (without ATEX

requirements)

Type of wastewater: for wastewater with and without sewage

Installation situation: underground installation

Delivery state: Pre-mounted for final assembly on site (pumps and

sensor system must be fitted on site and control

unit must be connected)

System type: Tronic

Dimensions

Net weight: 151 kg
Gross weight: 174 kg
Groundwater resistant from lower edge of base 3000 mm

section:

Length:1370 mmWidth:1240 mmHeight:1416 mmPackaging dimension:lengthPackaging dimension:widthPackaging dimension:height

Tank/drain body

Pressure pipe connection (DN): 80
Pressure pipe connection (OD): 90 mm
Distance from centre of outlet pipe to tank 1134 mm

bottom:

Distance pipe bottom inlet to tank bottom: 1054 mm Distance from centre of inlet pipe to tank 1134 mm

bottom:

Distance from inlet pipe invert to top of tank: 330 mm
Inlet max. scoring (DN): 150 mm
Inlet nominal size (OD): 160 mm
Inlet nominal size (DN): 150 mm
Number of inlets: 1

Clear width of tank (LW): 1000 mm Pumping volume: 350 l

Pumping device

Pump: GTF 1600

Number of pumps: 1
Weight, pump: 27 kg

Connection type: Direct connection

Operating voltage: 400 V
Protection class: I
Insulation class: H
Cos phi - power factor: 0,72

Protection class (pump): IP 68 (20m) Temperature monitoring: integrated



Max. temperature (permanent) of conveyed 40 °C

material:

Max. pumping capacity:

Max. pumping height:

Speed:

Power P1:

Power P2:

Operating mode:

49 m³/h

9,3 m

2900 U/min

1,6 kW

1,2 kW

51

Type of pump connection cable: H07RN-F 7G 1.5 mm² Impeller type: Multi-vane impeller

Length of mains cable for pump: 10 m Rated current: 2,9 A

Control

Control unit: Comfort Motor protection switch: yes

Alarm sensor:
Level measurement instrument:
Level sensor
Level measurement:
hydrostatic
Protection class control unit:

Level sensor
Level sensor
IP 54

Protection class control unit: IP 54
Mains frequency: 50 Hz
Operating voltage: 400 V

Connection type: Direct connection

Potential-free contact: yes
GSM interface: yes
Log book function: yes
Multi-line display: yes
Battery buffering: yes
Self-diagnosis system (SDS): yes