

Pumping station Aquapump XL Duo, GTK 2600-S1



Article information

Item no.: 8743030 GTIN: 4026092075845 Price group: 60

Advantages

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

Description

The pumping station for faecal-free wastewater is equipped with a submersible pump and a backflow preventer. The collection tank made of permanently resistant polymer (PE) has an open pump tank with universal connection options. Quickrelease closures enable the integrated components to be removed easily.

The station is controlled by a user-friendly control unit, which is optionally integrated in the building management system via a potential-free contact. Alternatively, alarm and collective fault messages can be output via a GSM interface.

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 Type of wastewater: Installation situation:

wastewater without sewage underground installation

Version:

Type of system: Installation: Shut-off valve: Pump control: Backflow preventer: Twin pump station Wet installation Shut-off valve made of polymer Control unit integrated



Access steps: Note on installation depth: Passage seal for ventilation pipe (DN): Passage seal for conduit pipe (DN):

Delivery state:

yes in combination with a chamber module 100 mm 100 mm

Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected)

General characteristics:

Colour:	black
Standard:	EN 12050-2

Dimensions:

Length:	1,370 mm
Width:	1,240 mm
Height:	1,416 mm

Tank:

Number of inlets:	1 ST
Inlet nominal size (DN):	150
Inlet nominal size (OD):	160 mm
Inlet max. scoring (DN):	150 mm
Distance pipe bottom inlet to tank bottom:	1,054 mm
Distance from centre of outlet pipe to tank	1,134 mm
bottom:	
Distance from centre of inlet pipe to tank	1,134 mm
bottom:	
Pumping volume:	340 l
Pressure pipe connection:	horizontal
Pressure pipe connection (DN):	80 mm
Pressure pipe connection (OD):	90 mm
Groundwater resistant from lower edge of base	3,000 mm
section:	
Clear width of tank (LW):	1,000 mm

Pumping device:

Pump:	GTK 2600
Number of pumps:	2
Max. pumping capacity:	71 m3/h
Max. pumping height:	19.6 m
Operating mode:	S1
Power P1:	2.6 kW



Power P2: Speed: Max. temperature (permanent) of conveyed material: Connection type: Weight: Impeller type: Length of mains cable for pump: Rated current: Protection class (pump): Protection class: Type of pump connection cable: Temperature monitoring: Cos phi - power factor: Insulation class:

40 °C Direct connection 40 kg Single-vane impeller 10 m 4.5 A IP 68 (20m) I H07RN-F 7G 1.5 mm2 integrated 0.81 H

2.1 kW

2,900 U/min

Control:

Control unit:	Comfort
Operating voltage:	400 V
Mains frequency:	50 Hz
Self-diagnosis system (SDS):	yes
Battery buffering:	yes
Multi-line display:	yes
Log book function:	yes
GSM interface:	yes
Potential-free contact:	yes
Type of fuse required (electrical protection):	3 x C 16 A
Motor protection switch:	yes
Protection class control unit:	IP 54
Length of mains cable for control unit:	0 m
Type of level measurement:	hydrostatic
Level measurement instrument:	Level sensor
Alarm sensor:	Level sensor