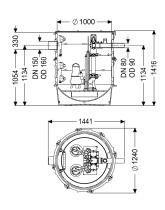


Pumping station Aquapump XL Duo, GTF 1600-S1





Article information

Item no.: 8743023 GTIN: 4026092075777

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:

Type of system: Shut-off valve:

Passage seal for conduit pipe (DN):

Access steps:

Passage seal for ventilation pipe (DN):

Installation:
Pump control:
Backflow preventer:
Pressure pipe connection:

in combination with a chamber module

duo pump

Shut-off valve made of polymer

100 yes 100

Wet installation Control unit integrated 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: Duo

Dimensions

Net weight:224 kgGross weight:248 kgGroundwater resistant from lower edge of base3000 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: 340 l

Pumping device

Pump: GTF 1600

Number of pumps: 2 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
Type of level measurement:
Protection class control unit:
Operating voltage:
Level sensor
Level sensor
Level sensor
Level sensor
Level sensor
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