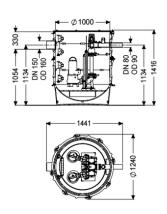


Pumping station Aquapump XL Duo, GTK 3700-S1, Level sensor





Article information

Item no.: 8743031 GTIN: 4026092077115

Price group: 60

Advantages

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

Description

The pumping station without sewage wastewater 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: duo pump

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 Rim width: Control unit Backwater protection: integrated

Backwater protection: 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 or without sewage (in

installation situations without ATEX requirements)

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: 235 kg
Gross weight: 258 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
Number of inlets: 150 mm
Inlet nominal size (DN): 160 mm
Inlet nominal size (DN): 150 mm

Inlet type: 1

Clear width of tank (LW): 1000 mm Pumping volume: 340 l

Pumping device

Pump control: GTK 3700

Number of pumps: 2
Weight: 45 kg

Connection type: Direct connection

Rated current: 6,5 A
Length of mains cable for pump: 10 m
Self-diagnosis system (SDS): I
Insulation class: H



Cos phi - power factor: 8,0

Protection class control unit: IP 68 (20m) integrated DSC: 40 °C

Max. temperature (permanent) of conveyed

material:

Max. pumping capacity: 82 m³/h Max. pumping height: 23,5 m Speed: 2900 U/min Power P1: 3,7 kW Power P2: 3,1 kW Operating mode: S1

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

Control

Control unit: Comfort Motor protection switch: yes

Alarm sensor: Level sensor Level measurement instrument: Level sensor Type of level measurement: hydrostatic Protection class probe: IP 54 400 V Operating voltage:

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 Rated current: 6,5 A