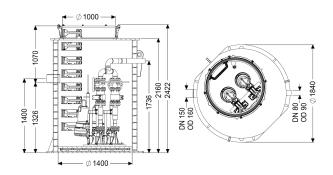


Pumping station Aquapump XXL Duo, STZ 11000-S1,





Article information

Item no.: 8743042 GTIN: 4026092078105

Price group: 60

Advantages

- Maximum safety
- Flexible installation
- Also handles large quantities of wastewater without sewage

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: duo pump

Shut-off valve: Shut-off valve made of cast iron

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

Installation:

Pump control:

Backflow preventer:

Pressure pipe connection:

Wet installation
Control unit
integrated
horizontal



Chamber system: Twin walled re-enforced pipe chamber

General characteristics

Colour: black
Standard: EN 12050-1
Type of wastewater: with 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:845,9 kgGross weight:913,9 kgGroundwater resistant from lower edge of base3000 mm

section:

Length:1880 mmWidth:1880 mmHeight:2440 mmPackaging dimension:lengthPackaging dimension:widthPackaging dimension:height

Tank/drain body

Pressure pipe connection (DN):

Pressure pipe connection (OD):

90 mm

Distance from centre of outlet pipe to tank

1735 mm

bottom:

Distance pipe bottom inlet to tank bottom: 1320 mm Distance from centre of inlet pipe to tank 1400 mm

bottom:

Distance from inlet pipe invert to top of tank: 1090 mm
Inlet nominal size (OD): 160 mm
Inlet nominal size (DN): 150
Number of inlets: 1

Clear width of tank (LW): 1600 mm
Clear width of entry (LW): 1000 mm
Pumping volume: 800 l

Pumping device

Pump: STZ 11000

Number of pumps: 2 Weight, pump: 107 kg

Connection type: Direct connection

Operating voltage: 400 V
Protection class: I
Insulation class: H
Cos phi - power factor: 0,89

Protection class (pump): IP 68 (20m)



Temperature monitoring: integrated Max. temperature (permanent) of conveyed $40\,^{\circ}\text{C}$

material:

Max. pumping capacity: 30,6 m³/h Max. pumping height: 68 m

Speed: 2900 U/min

Power P1: 11 kW
Power P2: 9,5 kW
Operating mode: S1

Type of pump connection cable: H07RN8-F PLU 10G 1.5 mm²

Impeller type:MaceratorLength of mains cable for pump:10 mRated current:18,8 A

Control

Operating voltage:

Control unit: Comfort Plus SD

Motor protection switch: yes

Alarm sensor:
Level measurement instrument:
Level sensor
Type of level measurement:
Protection class control unit:
Mains frequency:
Level sensor
hydrostatic
IP 54
So Hz

Connection type: Direct connection

400 V

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