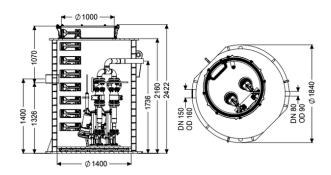


Pumping station Aquapump XXL Duo, STZ 4400-S1





Article information

Item no.: 8743039 GTIN: 4026092078075

Price group: 60

Advantages

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

Description

The pumping station approval for wastewater with and without sewage is equipped with one or two submersible pumps, backflow preventer and shut-off valve for the pressure pipe. The collection tank made of permanently resistant polymer (PE) has an open pump tank (wet installation) with universal connection options. The KESSEL modular system provides different engineering chamber options as accessories for the further layout. Stainless steel pump removal chain available as accessory. Art. no. $680\,528$ = length $2\,$ m $680\,529$ = length $3\,$ m $680\,530$ = length $4\,$ m $680\,531$ = 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:

Rim width:

Backwater protection:

Pressure pipe connection:

Wet installation
Control unit
integrated
horizontal

Sound absorption mat: 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:732,9 kgGross weight:800,9 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): 80
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 (DN): 160 mm Inlet nominal size (DN): 150 mm

Inlet type: 1

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

Pumping device

Pump control: STZ 4400

Number of pumps: 2
Weight: 56 kg

Connection type: Direct connection

Rated current: 7,5 A
Length of mains cable for pump: 10 m
Self-diagnosis system (SDS): I
Insulation class: H
Cos phi - power factor: 0,89
Protection class control unit: IP 68

Protection class control unit: IP 68 (20m) DSC: integrated Max. temperature (permanent) of conveyed $40 \,^{\circ}\text{C}$

material:



Max. pumping capacity:

Max. pumping height:

Speed:

Power P1:

Power P2:

Operating mode:

21,3 m³/h

46,7 m

2840 U/min

4,4 kW

S1

Type of pump connection cable: H07RN8-F PLU 7G 1.5 mm²

Impeller type: Macerator

Control

Control unit: Comfort Plus

Motor protection switch: yes

Alarm sensor:
Level sensor
Level measurement instrument:
Level sensor
Type of level measurement:
Protection class probe:

Level sensor
hydrostatic
IP 54

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

Connection type: Direct connection

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 Rated current: 7,5 A