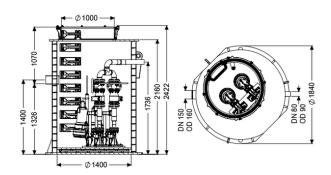


Pumping station Aquapump XXL Duo, STZ 11000-S1





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 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: Wet installation
Rim width: Control unit
Backwater protection: integrated
Pressure pipe connection: 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

Pre-mounted for final assembly on site (pumps and Delivery state:

sensor system must be fitted on site and control

unit must be connected)

Duo System type:

Dimensions

Net weight: 845,9 kg Gross weight: 913,9 kg Groundwater resistant from lower edge of base 3000 mm

section:

Length: 1880 mm Width: 1880 mm 2440 mm Height: Packaging dimension: length Packaging dimension: width Packaging 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 1400 mm Distance from centre of inlet pipe to tank

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: 1008

Pumping device

Pump control: STZ 11000

Number of pumps: 2 107 kg Weight:

Connection type: Direct connection

Rated current: 18,8 A Length of mains cable for pump: 10 m Self-diagnosis system (SDS): Ī Insulation class: Н Cos phi - power factor: 0,89

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

Max. temperature (permanent) of conveyed

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: Macerator

Control

Control unit: Comfort Plus SD

Motor protection switch: yes

Alarm sensor:
Level measurement instrument:
Level sensor
Type of level measurement:
hydrostatic

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: 18,8 A