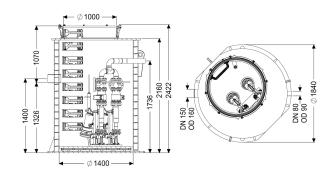


## Pumping station Aquapump XXL Duo, STZ 5200-S1,





## **Article information**

Item no.: 8743040 GTIN: 4026092078082

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: 674,9 kg
Gross weight: 742,9 kg
Groundwater resistant from lower edge of base 3000 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 mm
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 5200

Number of pumps: 2
Weight, pump: 56 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 °C

material:

Max. pumping capacity: 21,3 m³/h Max. pumping height: 52 m

Speed: 2840 U/min Power P1: 5,2 kW Power P2: 4,4 kW Operating mode: S1

Type of pump connection cable: H07RN8-F PLU 10G 1.5 mm<sup>2</sup>

Impeller type:MaceratorLength of mains cable for pump:10 mRated current:8,7 A

Control

Operating voltage:

Control unit: Comfort Plus

Motor protection switch: yes

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

50 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