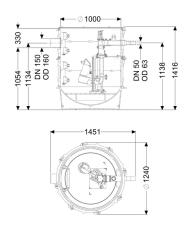


# Pumping station Aquapump XL Tronic, STZ 1300-S1, ATEX





### **Article information**

Item no.: 8743014 GTIN: 4026092075685

Price group: 60

## **Advantages**

- Maximum safety
- Flexible installation
- Suitable for potentially explosive atmospheres

# **Description**

The pumping station with ATEX approval for faecal and faecal-free wastewater is equipped with a submersible pump, a backflow preventer and a 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 station is controlled by a user-friendly control unit, which is optionally integrated in the building management system via a potential-free contact. Alternatively, alarm and collective fault messages can be output via a GSM interface.

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.

680528 = length 2 m

680529 = length 3 m

680530 = length 4 m

680531 = length 5 m

Type of wastewater: wastewater with sewage

Installation situation: underground installation, floor slab installation

Version:



Type of system: Single station Installation: Wet installation

Shut-off valve: Shut-off valve made of polymer

Pump control: Control unit Backflow preventer: integrated

Access steps: yes

Note on installation depth: in combination with a chamber module

Passage seal for ventilation pipe (DN): 100 mm Passage seal for conduit pipe (DN): 100 mm

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

sensor system must be fitted on site and control

unit must be connected)

#### General characteristics:

Colour: black Standard: EN 12050-1

#### **Dimensions:**

 Length:
 1,240 mm

 Width:
 1,240 mm

 Height:
 1,416 mm

#### Tank:

Number of inlets: 1 ST
Inlet nominal size (DN): 150
Inlet nominal size (OD): 160 mm
Inlet max. scoring (DN): 150 mm
Distance pipe bottom inlet to tank bottom: 1,054 mm
Distance from centre of outlet pipe to tank 1,134 mm

bottom:

Distance from centre of inlet pipe to tank 1,134 mm

bottom:

Pumping volume:

Pressure pipe connection:

Pressure pipe connection (DN):

Pressure pipe connection (OD):

Groundwater resistant from lower edge of base

3,000 mm

section:

Clear width of tank (LW): 1,000 mm

### Pumping device:

Pump: STZ 1300



Number of pumps: 1

Max. pumping capacity:

Max. pumping height:

Operating mode:

Power P1:

Power P2:

Speed:

20 m3/h

21 m

21 m

1.3 kW

2.900 U/min

Max. temperature (permanent) of conveyed 40 °C

material:

Connection type: Direct connection

Weight: 27 kg
Impeller type: Macerator
Length of mains cable for pump: 10 m
Rated current: 2.5 A

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

Protection class:

Type of pump connection cable: H07RN8-F 6G 1.5 mm2

Temperature monitoring: integrated Cos phi - power factor: 0.8 Insulation class: H

#### Control:

Protection class control unit:

Length of mains cable for control unit:

Control unit: Comfort Operating voltage: 400 V Mains frequency: 50 Hz Self-diagnosis system (SDS): yes Battery buffering: yes Multi-line display: yes Log book function: yes GSM interface: yes Potential-free contact: yes Type of fuse required (electrical protection): 3 x C 16 A Motor protection switch: ves

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

IP 54

0 m