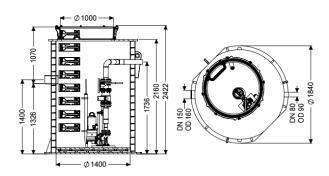


Pumping station Aquapump XXL Tronic, GTK 5200-S1





Article information

Item no.: 8743045 GTIN: 4026092078136

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: Single unit

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
Pump control: Control unit
Backflow preventer: integrated
Pressure pipe connection: horizontal

Chamber system: Twin walled re-enforced pipe chamber

General characteristics

Colour: black



Standard: EN 12050-2 as well as EN 12050-1 (without ATEX

requirements)

Type of wastewater: for wastewater with and without 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: Tronic

Dimensions

Net weight: 609,5 kg
Gross weight: 677,5 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): 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 (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: 900 l

Pumping device

Pump: GTK 5200

Number of pumps: 1
Weight, pump: 56 kg

Connection type: Direct connection

Rated current: 8,7 A
Length of mains cable for pump: 10 m
Protection class: I
Insulation class: H
Cos phi - power factor: 0,85
Protection class (pump): IP 68 (20m)
Temperature monitoring: integrated



Max. temperature (permanent) of conveyed 40 °C

material:

Max. pumping capacity: 51,6 m³/h
Max. pumping height: 31,6 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 mm²

Impeller type: Single-vane impeller

Control

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:
Operating voltage:
Level sensor
Level sensor
Level sensor
Level sensor
Sold Sensor
Androstatic
IP 54
Mains frequency:
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: 8,7 A