

Pumping station Aquapump Medium Tronic, STZ 1000, 1800-2250 mm, A



Article information

Item no.: 827731A GTIN: 4026092077689 Price group: 60

Advantages

- height-adjustable upper section
- Preconfigured in the factory
- LW 600 chamber system suitable for underground installation

Description

The pumping station with sewage wastewater is equipped with one or two submersible pumps and a backflow preventer. The collection tank is an LW 600 chamber system made of permanently resistant polymer (PE-LLD) with open pump tank and universal connection options. Quick-release closures enable the integrated components to be removed easily.

Variant

Type of system:

Passage seal for conduit pipe (DN):

Access steps:

Passage seal for ventilation pipe (DN):

100

100

Installation: Wet installation
Pump control: Control unit
Backflow preventer: integrated
Pressure pipe connection: horizontal
Chamber system: LW 600

General characteristics

Standard: EN 12050-2, 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

System type: Tronic

Dimensions

Net weight:127 kgGross weight:139 kgGroundwater resistant from lower edge of base2500 mm

section:



Diameter: 809 mm Clear width (LW): 600 mm

Installation depth: 1800 - 2250 mm

Length:1000 mmWidth:806 mmPackaging dimension:lengthPackaging dimension:widthPackaging dimension:height

Tank/drain body

Pressure pipe connection (DN):

Pressure pipe connection (OD):

Connection conduit pipe (DN):

Venting connection (DN):

Distance from centre of outlet pipe to tank

32

40 mm

100

100

bottom

Distance pipe bottom inlet to tank bottom: 400 mm
Distance from centre of inlet pipe to tank 475 mm

bottom:

Inlet nominal size (DN): 150 mm

Number of inlets: 1

Clear width of tank (LW): 600 mm Pumping volume: 30 l

Coverage features

Type of cover: Round cover plate Load class: A 15 (EN 124)

Pumping device

Pump: STZ 1000

Number of pumps: 1
Weight, pump: 10 kg

Connection type: Schuko (earthed contact) 2-pin

Operating voltage: 230 V
Protection class: I
Insulation class: F

Protection class (pump): IP 68 (3m) Max. temperature (permanent) of conveyed 40 °C

material:

Max. pumping capacity: 11,5 m³/h Max. pumping height: 10 m

Speed: 2800 U/min
Power P1: 1,2 kW
Power P2: 0,69 kW
Operating mode: S3 - 50 %
Impeller type: Macerator
Length of mains cable for pump: 10 m
Rated current: 5,2 A

Control



Control unit: Comfort

Control unit function: With alarm message

Motor protection switch: yes

Alarm sensor: optical probe

Level measurement instrument: Submersible pressure switch

Type of level measurement: pneumatic
Protection class control unit: IP 54
Mains frequency: 50 Hz
Operating voltage: 230 V

Connection type: Schuko (earthed contact) 2-pin

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

Warning equipment version: acoustic and optical signal

Type of fuse required (electrical protection): C 16 A