

Pumping station Aquapump Medium Mono, STZ 1000, 800-1250 mm, D



Article information

Item no.: 827710D GTIN: 4026092052051 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):

Single unit
100
100

Installation:

Pump control:

Backflow preventer:

Pressure pipe connection:

Chamber system:

Wet installation
Float switch
integrated
horizontal
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 or without sewage (in

installation situations without ATEX requirements)

Installation situation: underground installation

System type: Mono

Dimensions

Net weight: 152 kg Gross weight: 164 kg



Groundwater resistant from lower edge of base 2500 mm

section:

Diameter: 809 mm Clear width (LW): 600 mm Installation depth: 800 - 1250 mm Length: 1000 mm Width: 806 mm Packaging dimension: length Packaging dimension: width Packaging 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

482 mm

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

Cover material: Grey iron with concrete filling

Load class: D 400 (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 $40 \,^{\circ}\text{C}$

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



Length of mains cable for pump: 10 m Rated current: 5,2 A

Control

Motor protection switch: yes

Alarm sensor: optical probe
Level measurement instrument: Float switch
Type of level measurement: mechanical
Mains frequency: 50 Hz
Operating voltage: 230 V

Connection type: Schuko (earthed contact) 2-pin