Data sheet

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

Article information

article number: 827711D
EAN code: 4026092052112
Price group: 60

Product 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.

General features

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	Tronic

Version

Type of system	Single unit
Passage seal for conduit pipe (DN)	100
Access steps	no
Passage seal for ventilation pipe (DN)	100
Installation	Wet installation
Pump control	Control unit
Backflow preventer	integrated
Pressure pipe connection	horizontal
Chamber system	LW 600

Dimensions

Net weight	127 kg
Gross weight	139 kg
Groundwater resistant from lower edge of base section	2500 mm
Diameter	809 mm
Clear width (LW)	600 mm
Installation depth	800|1250 mm
Length	1000 mm
Width	806 mm
Packaging dimension: length	1200 mm
Packaging dimension: width	800 mm
Packaging dimension: height	1220 mm

Tank/drain body

Pressure pipe connection (DN)	32
Pressure pipe connection (OD)	40 mm
Connection conduit pipe (DN)	100
Venting connection (DN)	100
Distance from centre of outlet pipe to tank bottom	482 mm
Distance pipe bottom inlet to tank bottom	400 mm
Distance from centre of inlet pipe to tank bottom	475 mm
Inlet nominal size (DN)	150
Number of inlets	1
Clear width of tank (LW)	600 mm
Pumping volume	30 l

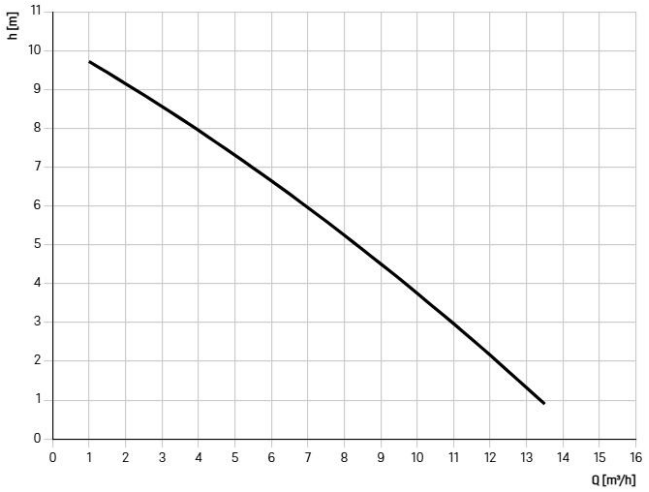
Coverage features

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 material	40 °C
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

Pumping capacity



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 (control unit)	C 16 A
Rated current	|