

Pumping station Aquapump Medium Duo, GTF 600, 1300-1750 mm, D



Article information

Item no.: 824821D
 GTIN: 4026092045183
 Price group: 60

Advantages

- Maximum safety
- Preconfigured in the factory
- LW 600 chamber system suitable for underground installation

Description

The pumping station without 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:	duo pump
Passage seal for conduit pipe (DN):	100
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

General characteristics

Colour:	black
Standard:	EN 12050-2
Type of wastewater:	without sewage
Installation situation:	underground installation
Delivery state:	Modular set for assembly on site
System type:	Duo

Dimensions

Net weight:	158 kg
Gross weight:	170 kg
Groundwater resistant from lower edge of base section:	2000 mm
Installation depth:	1300 - 1750 mm
Type of height adjustability:	vertically adjustable upper section
Length:	806 mm
Width:	806 mm
Packaging dimension:	length
Packaging dimension:	width
Packaging dimension:	height

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:	894 mm
Distance pipe bottom inlet to tank bottom:	400 mm
Distance from centre of inlet pipe to tank bottom:	455 mm
Inlet nominal size (OD):	110 mm
Inlet nominal size (DN):	100 mm
Number of inlets:	1
Clear width of tank (LW):	600 mm
Clear width of entry (LW):	600 mm

Coverage features

Type of cover:	Round cover plate
Cover material:	Grey iron with concrete filling
Colour of cover:	black
Width of cover:	680 mm
Height of cover:	50 mm
Length of cover:	680 mm
Locking:	unlocked
Load class:	D 400 (EN 124)

Pumping device

Pump:	GTF 600
Number of pumps:	2
Weight, pump:	6 kg
Connection type:	coded plug
Operating voltage:	230 V
Protection class:	I
Insulation class:	F
Cos phi - power factor:	0,91
Protection class (pump):	IP 68 (3m)
Temperature monitoring:	integrated

Max. temperature (permanent) of conveyed material:	40 °C
Max. pumping capacity:	12 m ³ /h
Max. pumping height:	8 m
Speed:	2800 U/min
Power P1:	0,65 kW
Power P2:	0,4 kW
Operating mode:	S1
Type of pump connection cable:	H07RN-F 3G 1.5 mm ²
Impeller type:	Multi-vane impeller
Length of mains cable for pump:	10 m
Rated current:	2,9 A

Control

Control unit:	Comfort
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:	coded plug
Length of mains cable for control unit:	1,4 m
Potential-free contact:	optional
GSM interface:	yes
USB interface:	yes
Log book function:	yes
Multi-line display:	yes
Battery buffering:	yes
Self-diagnosis system (SDS):	yes