

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



Article information

Item no.: 824821B
 GTIN: 4026092045176
 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: 133 kg
Gross weight: 145 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

Colour of cover: black

Width of cover: 648 mm

Height of cover: 103 mm

Length of cover: 648 mm

Locking: unlocked

Load class: B 125 (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