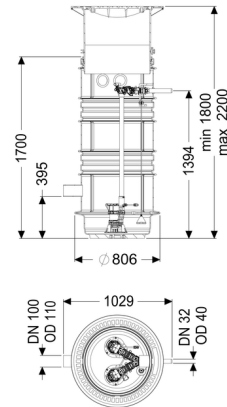


Pumping station Aquapump Medium Duo, GTF 600, 1800-2250 mm, B



Article information

Item no.: 824831B
 GTIN: 4026092045190
 Price group: 60

Advantages

- Maximum safety
- Flexible installation
- LW 600 chamber system suitable for underground installation

Description

The pumping station for faecal-free wastewater is equipped with a submersible pump 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.

The station is optionally controlled by a user-friendly control unit, which can be integrated in the building management system via a potential-free contact. Alternatively, alarm and collective fault messages can be output via a GSM interface.

| | |
|-------------------------|---------------------------|
| Type of wastewater: | wastewater without sewage |
| Installation situation: | underground installation |

Version:

| | |
|---|-------------------|
| Type of system: | Twin pump station |
| Installation: | Wet installation |
| Pump control: | Control unit |
| Backflow preventer: | integrated |
| Passage seal for ventilation pipe (DN): | 100 mm |
| Passage seal for conduit pipe (DN): | 100 mm |

Delivery state:

Modular set for assembly on site

General characteristics:

Colour: grey
Standard: EN 12050-2

Dimensions:

Length: 806 mm
Width: 806 mm

Tank:

Number of inlets: 1 ST
Inlet nominal size (DN): 100
Inlet nominal size (OD): 110 mm
Distance pipe bottom inlet to tank bottom: 400 mm
Distance from centre of outlet pipe to tank bottom: 1,394 mm
Distance from centre of inlet pipe to tank bottom: 455 mm
Connection conduit pipe (DN): 100 mm
Pressure pipe connection: horizontal
Pressure pipe connection (DN): 32 mm
Pressure pipe connection (OD): 40 mm
Installation depth: 1,800 - 2,250 mm
Venting connection (DN): 100 mm
Groundwater resistant from lower edge of base section: 2,000 mm
Clear width of tank (LW): 600 mm
Clear width of entry (LW): 600 mm
Chamber system: LW 600

Vertical adjustment: vertically adjustable upper section

Coverage features:

Type of cover: Round cover plate
Cover material: Grey iron
Colour of cover: black
Load class: B 125 (EN 124)
Length: 648 mm
Width: 648 mm
Height: 103 mm
Locking: unlocked

Pumping device:

| | |
|--|--------------------------------|
| Pump: | GTF 600 |
| Number of pumps: | 2 |
| Max. pumping capacity: | 12 m ³ /h |
| Max. pumping height: | 8 m |
| Operating voltage: | 230 V |
| Mains frequency: | 50 Hz |
| Operating mode: | S1 |
| Power P1: | 0.6 kW |
| Power P2: | 0.36 kW |
| Speed: | 2,800 U/min |
| Max. temperature (permanent) of conveyed material: | 40 °C |
| Connection type: | coded plug |
| Weight: | 6 kg |
| Impeller type: | Multi-vane impeller |
| Length of mains cable for pump: | 10 m |
| Rated current: | 2.7 A |
| Protection class (pump): | IP 68 (3m) |
| Protection class: | I |
| Type of pump connection cable: | H07RN-F 3G 1.0 mm ² |
| Temperature monitoring: | integrated |
| Cos phi - power factor: | 0.91 |
| Insulation class: | F |

Control:

| | |
|--|-----------------------------|
| Control unit: | Comfort |
| Operating voltage: | 230 V |
| Mains frequency: | 50 Hz |
| Self-diagnosis system (SDS): | yes |
| Battery buffering: | yes |
| Multi-line display: | yes |
| Log book function: | yes |
| USB interface: | yes |
| GSM interface: | yes |
| Potential-free contact: | optional |
| Type of fuse required (electrical protection): | C 16 A |
| Protection class control unit: | IP 54 |
| Length of mains cable for control unit: | 1.4 m |
| Type of level measurement: | pneumatic |
| Level measurement instrument: | Submersible pressure switch |
| Alarm sensor: | optical probe |