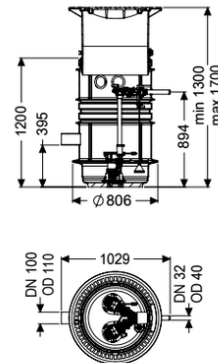


## Pumping station Aquapump Medium Duo, GTF 600, 1300-1750 mm, B



### Article information

Item no.: 824821B  
 GTIN: 4026092045176  
 Price group: 60

### Advantages

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

### 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 |
| Rim width:                              | Control unit     |
| Backwater protection:                   | integrated       |
| Pressure pipe connection:               | horizontal       |
| Sound absorption mat:                   | 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                      |
| Vertical adjustment:                                   | 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 (DN):                            | 110 mm |
| Inlet nominal size (DN):                            | 100 mm |
| Inlet type:                                         | 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            |
| Cover locking:   | unlocked          |
| Load class:      | B 125 (EN 124)    |

## Pumping device

|                                 |            |
|---------------------------------|------------|
| Pump control:                   | GTF 600    |
| Number of pumps:                | 2          |
| Weight:                         | 6 kg       |
| Connection type:                | coded plug |
| Rated current:                  | 2,7 A      |
| Length of mains cable for pump: | 10 m       |
| Self-diagnosis system (SDS):    | I          |
| Insulation class:               | F          |
| Cos phi - power factor:         | 0,91       |
| Protection class control unit:  | IP 68 (3m) |

|                                                    |                             |
|----------------------------------------------------|-----------------------------|
| DSC:                                               | integrated                  |
| Max. temperature (permanent) of conveyed material: | 40 °C                       |
| Max. pumping capacity:                             | 12 m³/h                     |
| Max. pumping height:                               | 8 m                         |
| Speed:                                             | 2800 U/min                  |
| Power P1:                                          | 0,6 kW                      |
| Power P2:                                          | 0,36 kW                     |
| Operating mode:                                    | S1                          |
| Type of pump connection cable:                     | H07RN-F 3G 1.5 mm²          |
| Impeller type:                                     | Multi-vane impeller         |
| Control                                            |                             |
| Control unit:                                      | Comfort                     |
| Alarm sensor:                                      | optical probe               |
| Level measurement instrument:                      | Submersible pressure switch |
| Type of level measurement:                         | pneumatic                   |
| Protection class probe:                            | 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                         |
| Rated current:                                     | 2,7 A                       |