

## Pumping station Aquapump Medium Mono, STZ 1000, 1800-2250 mm, D



### Article information

Item no.: 827730D  
 GTIN: 4026092052099  
 Price group: 60

### 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.

#### Variant

|   |                  |
|---|------------------|
| 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:                           | Float switch     |
| Backflow preventer:                     | integrated       |
| Pressure pipe connection:               | horizontal       |
| Chamber system:                         | LW 600           |

#### General characteristics

|                         |  |
|-------------------------|--|
| 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:            | Mono   |
| ATEX:                   | no   |

#### Dimensions

|               |        |
|---------------|--------|
| Net weight:   | 173 kg |
| Gross weight: | 180 kg |

|  |                                 |
|--|---------------------------------|
| Groundwater resistant from lower edge of base section: | 2500 mm                         |
| Diameter:  | 809 mm                          |
| Clear width (LW):                                      | 600 mm                          |
| Installation depth:                                    | 1800 - 2250 mm                  |
| Length:  | 1000 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:    | 1394 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 mm                          |
| 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  |
| Rated current:   | 5,2 A                           |
| 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 m <sup>3</sup> /h          |
| Max. pumping height:                                   | 10 m                            |
| Speed:   | 2800 U/min                      |
| Power P1:  | 1,2 kW                          |
| Power P2:  | 0,69 kW                         |
| Operating mode:  | S3 - 50 %                       |
| Type of fuse required (electrical protection):         | C 16 A                          |
| Impeller type:   | Macerator                       |

|  |                                |
|--|--------------------------------|
| Length of mains cable for pump:                | 10 m                           |
| Control  |                                |
| Motor protection switch:                       | yes                            |
| Alarm sensor:                                  | optical probe                  |
| Level measurement instrument:                  | Float switch                   |
| Type of level measurement:                     | mechanical                     |
| Mains frequency:                               | 50 Hz                          |
| Operating voltage:                             | 230 V                          |
| Connection type:                               | Schuko (earthed contact) 2-pin |
| Type of fuse required (electrical protection): | C 16 A                         |