

## 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 suitable for underground installation and is equipped with a non-return flap for the pressure pipe. The PE-LLD tank is resistant to aggressive media and can be delivered with load class A, B or D covers. The pump with macerator ensures maximum operating reliability. The components are pre-assembled for final assembly on site. Including openings for ventilation and cable duct.

#### 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 |
| Rim width:                              | Float switch     |
| Backwater protection:                   | integrated       |
| Pressure pipe connection:               | horizontal       |
| Sound absorption mat:                   | LW 600           |

#### General characteristics

|                         |  |
|-------------------------|--|
| Standard:               | EN 12050-1                             |
| Type of wastewater:     | for wastewater with and without sewage |
| Installation situation: | underground installation               |
| System type:            | Mono                                   |

#### 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                          |
| Inlet type:   | 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 control:                                       | STZ 1000                        |
| Number of pumps:                                    | 1                               |
| Weight:   | 10 kg                           |
| Connection type:                                    | Schuko (earthed contact) 2-pin  |
| Rated current:                                      | 5,2 A                           |
| Length of mains cable for pump:                     | 10 m                            |
| Self-diagnosis system (SDS):                        | I                               |
| Insulation class:                                   | F                               |
| Protection class control unit:                      | IP 68 (3m)                      |
| Max. temperature (permanent) of conveyed material:  | 40 °C                           |
| Max. pumping capacity:                              | 11,5 m³/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                       |

|                               |                                |
|-------------------------------|--------------------------------|
| 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 |
| Rated current:                | 5,2 A                          |