

## Pumping station Aquapump Medium Mono, STZ 1000, 800-1250 mm, D



### Article information

Item no.: 827710D  
GTIN: 4026092052051  
Price group: 60

### Advantages

- height-adjustable upper section

### Description

The pumping station for faecal 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.

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

### Version:

|   |                  |
|---|------------------|
| Type of system:                         | Single station   |
| Installation:                           | Wet installation |
| Pump control:                           | Float switch     |
| Backflow preventer:                     | integrated       |
| Access steps:                           | no               |
| Passage seal for ventilation pipe (DN): | 100 mm           |
| Passage seal for conduit pipe (DN):     | 100 mm           |

### General characteristics:

|           |            |
|-----------|------------|
| Standard: | EN 12050-1 |
|-----------|------------|

### Dimensions:

|                   |          |
|-------------------|----------|
| Length:           | 1,000 mm |
| Width:            | 806 mm   |
| Diameter:         | 809 mm   |
| Clear width (LW): | 600      |

**Tank:**

|  |                |
|--|----------------|
| Number of inlets:                                      | 1 ST           |
| Inlet nominal size (DN):                               | 150            |
| Distance pipe bottom inlet to tank bottom:             | 400 mm         |
| Distance from centre of outlet pipe to tank bottom:    | 482 mm         |
| Distance from centre of inlet pipe to tank bottom:     | 475 mm         |
| Connection conduit pipe (DN):                          | 100 mm         |
| Pumping volume:  | 30 l           |
| Pressure pipe connection:                              | horizontal     |
| Pressure pipe connection (DN):                         | 32 mm          |
| Pressure pipe connection (OD):                         | 40 mm          |
| Installation depth:                                    | 800 - 1,250 mm |
| Venting connection (DN):                               | 100 mm         |
| Groundwater resistant from lower edge of base section: | 2,500 mm       |
| Clear width of tank (LW):                              | 600 mm         |
| Chamber system:  | LW 600         |

**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                              |
| Max. pumping capacity:                             | 11.5 m <sup>3</sup> /h         |
| Max. pumping height:                               | 10 m                           |
| Operating voltage:                                 | 230 V                          |
| Mains frequency:                                   | 50 Hz                          |
| Operating mode:                                    | S3 - 50 %                      |
| Power P1:  | 1.2 kW                         |
| Power P2:  | 0.69 kW                        |
| Speed:   | 2,800 U/min                    |
| Type of fuse required (electrical protection):     | C 16 A                         |
| Max. temperature (permanent) of conveyed material: | 40 °C                          |
| Connection type:                                   | Schuko (earthed contact) 2-pin |
| Weight:  | 10 kg                          |
| Impeller type:                                     | Macerator                      |
| Length of mains cable for pump:                    | 10 m                           |
| Rated current:                                     | 5.2 A                          |

|                          |            |
|--------------------------|------------|
| Protection class (pump): | IP 68 (3m) |
| Protection class:        | I          |
| Insulation class:        | F          |

**Control:**

|                               |               |
|-------------------------------|---------------|
| Operating voltage:            | 230 V         |
| Mains frequency:              | 50 Hz         |
| Motor protection switch:      | yes           |
| Type of level measurement:    | mechanical    |
| Level measurement instrument: | Float switch  |
| Alarm sensor:                 | optical probe |