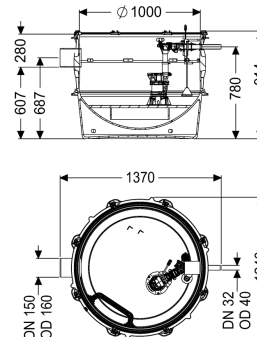
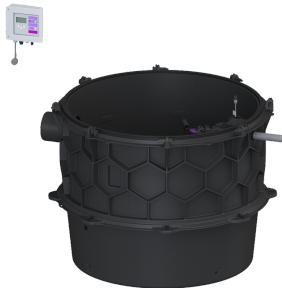


## Pumping station Aquapump XL Mono, GTF 600-S1, Subm. pressure switch



### Article information

Item no.: 8743005  
GTIN: 4026092075623  
Price group: 60

### Advantages

- Maximum safety
- Flexible installation
- Also handles large quantities of wastewater

### Description

The pumping station without sewage wastewater is equipped with one or two submersible pumps and a backflow preventer. The collection tank made of permanently resistant polymer (PE) has an open pump tank with universal connection options. Quick-release closures enable the integrated components to be removed easily. The KESSEL modular system provides different engineering chamber options as accessories for the further layout.

#### Variant

|                                         |                                      |
|-----------------------------------------|--------------------------------------|
| Note on installation depth:             | in combination with a chamber module |
| Type of system:                         | Single unit                          |
| Shut-off valve:                         | without shut-off valve               |
| Passage seal for conduit pipe (DN):     | 100                                  |
| Access steps:                           | yes                                  |
| Passage seal for ventilation pipe (DN): | 100                                  |
| Installation:                           | Wet installation                     |
| Pump control:                           | Control unit                         |
| Backflow preventer:                     | integrated                           |
| Pressure pipe connection:               | horizontal                           |

#### General characteristics

|                     |                |
|---------------------|----------------|
| Colour:             | black          |
| Standard:           | EN 12050-2     |
| Type of wastewater: | without sewage |

|                                                        |                                                                                                                            |
|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Installation situation:                                | underground installation                                                                                                   |
| Delivery state:                                        | Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected) |
| System type:                                           | Tronic                                                                                                                     |
| Dimensions                                             |                                                                                                                            |
| Net weight:                                            | 92 kg                                                                                                                      |
| Gross weight:                                          | 107 kg                                                                                                                     |
| Groundwater resistant from lower edge of base section: | 3000 mm                                                                                                                    |
| Length:                                                | 1330 mm                                                                                                                    |
| Width:                                                 | 1240 mm                                                                                                                    |
| Height:                                                | 914 mm                                                                                                                     |
| Packaging dimension:                                   | length                                                                                                                     |
| Packaging dimension:                                   | width                                                                                                                      |
| Packaging dimension:                                   | height                                                                                                                     |
| Tank/drain body                                        |                                                                                                                            |
| Pressure pipe connection (DN):                         | 32                                                                                                                         |
| Pressure pipe connection (OD):                         | 40 mm                                                                                                                      |
| Distance from centre of outlet pipe to tank bottom:    | 780 mm                                                                                                                     |
| Distance pipe bottom inlet to tank bottom:             | 607 mm                                                                                                                     |
| Distance from centre of inlet pipe to tank bottom:     | 687 mm                                                                                                                     |
| Distance from inlet pipe invert to top of tank:        | 281 mm                                                                                                                     |
| Inlet max. scoring (DN):                               | 150 mm                                                                                                                     |
| Inlet nominal size (OD):                               | 160 mm                                                                                                                     |
| Inlet nominal size (DN):                               | 150 mm                                                                                                                     |
| Number of inlets:                                      | 1                                                                                                                          |
| Clear width of tank (LW):                              | 1000 mm                                                                                                                    |
| Pumping volume:                                        | 90 l                                                                                                                       |
| Pumping device                                         |                                                                                                                            |
| Pump:                                                  | GTF 600                                                                                                                    |
| Number of pumps:                                       | 1                                                                                                                          |
| Weight, pump:                                          | 6 kg                                                                                                                       |
| Connection type:                                       | coded plug                                                                                                                 |
| Operating voltage:                                     | 230 V                                                                                                                      |
| Protection class:                                      | I                                                                                                                          |
| Insulation class:                                      | F                                                                                                                          |
| Cos phi - power factor:                                | 0,91                                                                                                                       |
| Protection class (pump):                               | IP 68 (3m)                                                                                                                 |
| Temperature monitoring:                                | 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:                               | 0,65 kW                        |
| Power P2:                               | 0,4 kW                         |
| Operating mode:                         | S1                             |
| Type of pump connection cable:          | H07RN-F 3G 1.5 mm <sup>2</sup> |
| Impeller type:                          | Multi-vane impeller            |
| Length of mains cable for pump:         | 10 m                           |
| Rated current:                          | 2,9 A                          |
| Control                                 |                                |
| Control unit:                           | Comfort                        |
| Alarm sensor:                           | optical probe                  |
| Level measurement instrument:           | Submersible pressure switch    |
| Type of level measurement:              | pneumatic                      |
| Protection class control unit:          | 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                            |
| Type of fuse required (control unit):   | C 16 A                         |