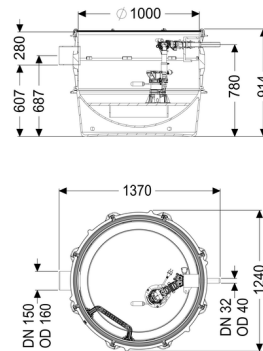


## Pumping station Aquapump XL Mono, GTF 600-S1, Float switch



### Article information

Item no.: 8743004  
 GTIN: 4026092075616  
 Price group: 60

### Advantages

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

### Description

The pumping station for faecal-free wastewater is equipped with a submersible pump 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 station is controlled by a user-friendly control unit, which is optionally integrated in the building management system via a potential-free contact. Alternatively, alarm and collective fault messages can be output via a GSM interface.

The KESSEL modular system provides different engineering chamber options as accessories for the further layout.

**Stainless steel pump removal chains available as accessory for each installation depth - Article number:**

680528 = Length 2 m  
 680529 = Length 3 m  
 680530 = Length 4 m  
 680531 = Length 5 m

Type of wastewater:  
 Installation situation:

wastewater without sewage  
 underground installation, floor slab installation

**Version:**

|                                         |                                                                                                                            |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Type of system:                         | Single station                                                                                                             |
| Installation:                           | Wet installation                                                                                                           |
| Shut-off valve:                         | without shut-off valve                                                                                                     |
| Pump control:                           | Float switch                                                                                                               |
| Backflow preventer:                     | integrated                                                                                                                 |
| Access steps:                           | yes                                                                                                                        |
| Note on installation depth:             | in combination with a chamber module                                                                                       |
| Passage seal for ventilation pipe (DN): | 100 mm                                                                                                                     |
| Passage seal for conduit pipe (DN):     | 100 mm                                                                                                                     |
| Delivery state:                         | Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected) |

**General characteristics:**

|           |            |
|-----------|------------|
| Colour:   | black      |
| Standard: | EN 12050-2 |

**Dimensions:**

|         |          |
|---------|----------|
| Length: | 1,330 mm |
| Width:  | 1,240 mm |
| Height: | 914 mm   |

**Tank:**

|                                                        |            |
|--------------------------------------------------------|------------|
| Number of inlets:                                      | 1 ST       |
| Inlet nominal size (DN):                               | 150        |
| Inlet nominal size (OD):                               | 160 mm     |
| Inlet max. scoring (DN):                               | 150 mm     |
| Distance pipe bottom inlet to tank bottom:             | 607 mm     |
| Distance from centre of outlet pipe to tank bottom:    | 780 mm     |
| Distance from centre of inlet pipe to tank bottom:     | 687 mm     |
| Pumping volume:                                        | 90 l       |
| Pressure pipe connection:                              | horizontal |
| Pressure pipe connection (DN):                         | 32 mm      |
| Pressure pipe connection (OD):                         | 40 mm      |
| Groundwater resistant from lower edge of base section: | 3,000 mm   |
| Clear width of tank (LW):                              | 1,000 mm   |

**Pumping device:**

|                                                    |                                |
|----------------------------------------------------|--------------------------------|
| Pump:                                              | GTF 600                        |
| Number of pumps:                                   | 1                              |
| Max. pumping capacity:                             | 12 m <sup>3</sup> /h           |
| Max. pumping height:                               | 8 m                            |
| Operating voltage:                                 | 230 V                          |
| Mains frequency:                                   | 50 Hz                          |
| Operating mode:                                    | S1                             |
| Power P1:                                          | 0.6 kW                         |
| Power P2:                                          | 0.36 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:                                            | 6 kg                           |
| Impeller type:                                     | Multi-vane impeller            |
| Length of mains cable for pump:                    | 10 m                           |
| Rated current:                                     | 2.7 A                          |
| Protection class (pump):                           | IP 68 (3m)                     |
| Protection class:                                  | I                              |
| Type of pump connection cable:                     | H07RN-F 3G 1.0 mm <sup>2</sup> |
| Temperature monitoring:                            | integrated                     |
| Cos phi - power factor:                            | 0.91                           |
| Insulation class:                                  | F                              |

**Control:**

|                               |              |
|-------------------------------|--------------|
| Operating voltage:            | 230 V        |
| Mains frequency:              | 50 Hz        |
| Type of level measurement:    | mechanical   |
| Level measurement instrument: | Float switch |