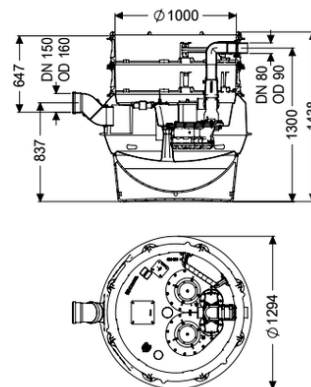


## Pumping station Aquapump XL Duo, SPF 4500-S1



### Article information

Item no.: 8742011  
 GTIN: 4026092068663  
 Price group: 60

### Advantages

- Maximum safety
- Flexible installation
- Hygienic advantages for maintenance and repair

### Description

The pumping station for wastewater with and without sewage is equipped with one or two submersible pumps, a backflow preventer and a shut-off valve for the pressure pipe. The collection tank made of permanently resistant polymer (PE) has a closed pump tank (dry installation) with a screwed-on access cover. 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 upper sections and engineering chamber options as accessories.

#### Variant

Note on installation depth:  
 Type of system:  
 Shut-off valve:  
 Access steps:  
 Installation:  
 Rim width:  
 Backwater protection:  
 Pressure pipe connection:

Version for deeper installation  
 duo pump  
 Shut-off valve made of polymer  
 yes  
 Dry installation  
 Control unit  
 integrated  
 horizontal

#### General characteristics

Colour: black  
 Standard: EN 12050-1  
 Type of wastewater: with 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:   | Duo  |
| Dimensions   |  |
| Net weight:  | 151,17 kg  |
| Gross weight:  | 168,83 kg  |
| Groundwater resistant from lower edge of base section: | 3000 mm  |
| Length:  | 1295 mm  |
| Width:   | 1295 mm  |
| Height:  | 1403 mm  |
| Packaging dimension:                                   | length   |
| Packaging dimension:                                   | width  |
| Packaging dimension:                                   | height   |
| Tank/drain body  |  |
| Pressure pipe connection (DN):                         | 80   |
| Pressure pipe connection (OD):                         | 90 mm  |
| Venting connection (DN):                               | 70   |
| Distance from centre of outlet pipe to tank bottom:    | 1300 mm  |
| Distance pipe bottom inlet to tank bottom:             | 753 mm   |
| Distance from centre of inlet pipe to tank bottom:     | 833 mm   |
| Distance from inlet pipe invert to top of tank:        | 650 mm   |
| Inlet nominal size (DN):                               | 160 mm   |
| Inlet nominal size (DN):                               | 150 mm   |
| Inlet type:  | 1  |
| Clear width of tank (LW):                              | 1000 mm  |
| Pumping volume:  | 160 l  |
| Tank volume:   | 335 l  |
| Pumping device   |  |
| Pump control:  | SPF 4500   |
| Number of pumps:                                       | 2  |
| Weight:  | 31 kg  |
| Connection type:                                       | Direct connection  |
| Rated current:   | 7,5 A  |
| Length of mains cable for pump:                        | 10 m   |
| Self-diagnosis system (SDS):                           | I  |
| Insulation class:                                      | F  |
| Cos phi - power factor:                                | 0,88   |
| Protection class control unit:                         | IP 68 (3m/48h)   |
| DSC:   | integrated   |
| Max. temperature (permanent) of conveyed material:     | 40 °C  |
| Max. pumping capacity:                                 | 55 m³/h  |

|  |                                |
|--|--------------------------------|
| Max. pumping height:                           | 20 m                           |
| Speed:   | 2850 U/min                     |
| Power P1:                                      | 4,2 kW                         |
| Power P2:                                      | 3,5 kW                         |
| Operating mode:                                | S1                             |
| Type of fuse required (electrical protection): | 3 x C 25 A                     |
| Type of pump connection cable:                 | H07RN-F 7G 1.5 mm <sup>2</sup> |
| Impeller type:                                 | Multi-vane impeller            |
| Free passage:                                  | 40 mm                          |
| Control  |                                |
| Control unit:                                  | Comfort                        |
| Motor protection switch:                       | yes                            |
| Alarm sensor:                                  | Immersion pipe                 |
| Level measurement instrument:                  | Immersion pipe                 |
| Type of level measurement:                     | pneumatic                      |
| Protection class probe:                        | IP 54                          |
| Operating voltage:                             | 400 V                          |
| Connection type:                               | Direct connection              |
| Potential-free contact:                        | yes                            |
| GSM interface:                                 | yes                            |
| Log book function:                             | yes                            |
| Multi-line display:                            | yes                            |
| Battery buffering:                             | yes                            |
| Self-diagnosis system (SDS):                   | yes                            |
| Rated current:                                 | 7,5 A                          |