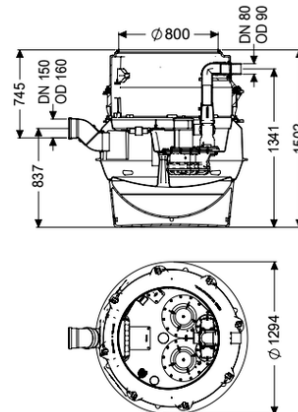


## Pumping station Aquapump XL Duo, SPF 1400-S1, D0



### Article information

Item no.: 8742020  
 GTIN: 4026092069561  
 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 with lowest installation height  
 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:                                            | 208 kg                                                                                                                     |
| Gross weight:                                          | 232 kg                                                                                                                     |
| Groundwater resistant from lower edge of base section: | 3000 mm                                                                                                                    |
| Length:                                                | 1295 mm                                                                                                                    |
| Width:                                                 | 1295 mm                                                                                                                    |
| Height:                                                | 1500 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:    | 1343 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:        | 747 mm                                                                                                                     |
| Inlet nominal size (DN):                               | 160 mm                                                                                                                     |
| Inlet nominal size (DN):                               | 150 mm                                                                                                                     |
| Inlet type:                                            | 1                                                                                                                          |
| Clear width of tank (LW):                              | 1000 mm                                                                                                                    |
| Clear width of entry (LW):                             | 800 mm                                                                                                                     |
| Pumping volume:                                        | 160 l                                                                                                                      |
| Tank volume:                                           | 335 l                                                                                                                      |
| Pumping device                                         |                                                                                                                            |
| Pump control:                                          | SPF 1400                                                                                                                   |
| Number of pumps:                                       | 2                                                                                                                          |
| Weight:                                                | 28 kg                                                                                                                      |
| Connection type:                                       | coded plug                                                                                                                 |
| Rated current:                                         | 7,3 A                                                                                                                      |
| Length of mains cable for pump:                        | 10 m                                                                                                                       |
| Self-diagnosis system (SDS):                           | I                                                                                                                          |
| Insulation class:                                      | F                                                                                                                          |
| Cos phi - power factor:                                | 0,99                                                                                                                       |
| Protection class control unit:                         | IP 68 (3m/48h)                                                                                                             |
| DSC:                                                   | integrated                                                                                                                 |
| Max. temperature (permanent) of conveyed material:     | 40 °C                                                                                                                      |

|                                |                                |
|--------------------------------|--------------------------------|
| Max. pumping capacity:         | 38 m <sup>3</sup> /h           |
| Max. pumping height:           | 7 m                            |
| Speed:                         | 1420 U/min                     |
| Power P1:                      | 1,6 kW                         |
| Power P2:                      | 1,1 kW                         |
| Operating mode:                | S1                             |
| Type of pump connection cable: | H07RN-F 3G 1.5 mm <sup>2</sup> |
| Impeller type:                 | Multi-vane impeller            |
| Free passage:                  | 40 mm                          |

|                                         |                |
|-----------------------------------------|----------------|
| Control                                 |                |
| Control unit:                           | Comfort        |
| Alarm sensor:                           | Immersion pipe |
| Level measurement instrument:           | Immersion pipe |
| Type of level measurement:              | pneumatic      |
| Protection class probe:                 | IP 54          |
| 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            |
| Rated current:                          | 7,3 A          |