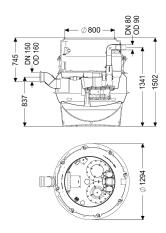


## Pumping station Aquapump XL Mono SPF1400-S3, D0





## Article information

Item no.: 8742012 GTIN: 4026092069479

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: Version with lowest installation height

Type of system: Single unit

Shut-off valve: Shut-off valve made of polymer

Access steps: yes

Installation:

Pump control:

Backflow preventer:

Pressure pipe connection:

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)

**Dimensions** 

Net weight: 106,3 kg Gross weight: 127 kg Groundwater resistant from lower edge of base 3000 mm

section:

Lenath: 1295 mm Width: 1295 mm Height: 1500 mm Packaging dimension: length Packaging dimension: width Packaging dimension: height

Tank/drain body

80 Pressure pipe connection (DN): Pressure pipe connection (OD): 90 mm Venting connection (DN): 70 1343 mm

Distance from centre of outlet pipe to tank

Distance pipe bottom inlet to tank bottom: 753 mm Distance from centre of inlet pipe to tank 833 mm

bottom:

Distance from inlet pipe invert to top of tank: 747 mm Inlet nominal size (OD): 160 mm Inlet nominal size (DN): 150 mm Number of inlets: 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: SPF 1400-S3

Number of pumps: 1 Weight, pump: 25 kg Connection type: coded plug

Protection class: I F Insulation class: 0.98 Cos phi - power factor:

Protection class (pump): IP 68 (3m/48h) Temperature monitoring: integrated Max. temperature (permanent) of conveyed 40 °C

material:

38 m³/h Max. pumping capacity: Max. pumping height: 7 m

Speed: 1370 U/min



Power P1: 1,6 kW
Power P2: 1,1 kW
Operating mode: \$3 - 50 %

Type of pump connection cable: H07RN-F 3G 1.5 mm² Impeller type: Multi-vane impeller

Free passage: 40 mm
Length of mains cable for pump: 10 m
Rated current: 7,3 A

Control

Self-diagnosis system (SDS):

Control unit: Comfort

Alarm sensor: Immersion pipe Immersion pipe Level measurement instrument: Type of level measurement: pneumatic IP 54 Protection class control unit: 230 V Operating voltage: 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

yes