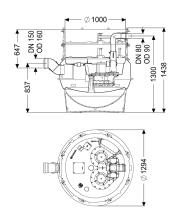


Pumping station Aquapump XL Duo, SPF 4500-S1





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: Version for deeper installation

Type of system: duo pump

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

Access steps: yes

Installation: Dry installation
Pump control: Control unit
Backflow preventer: integrated
Pressure pipe connection: 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)

Approval: Z-42.1-527

System type: Duo

Dimensions

Net weight: 151,17 kg Gross weight: 168,83 kg Groundwater resistant from lower edge of base 3000 mm

section:

1295 mm Length: Width: 1295 mm 1403 mm Height: 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 1300 mm

bottom:

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: 650 mm Inlet nominal size (OD): 160 mm Inlet nominal size (DN): 150 mm

Number of inlets: 1

1000 mm Clear width of tank (LW): Pumping volume: 160 l Tank volume: 335 l

Pumping device

Pump: SPF 4500-S1

Number of pumps: 2 31 kg Weight, pump:

Connection type: Direct connection

Operating voltage: 400 V Protection class: I F Insulation class: Cos phi - power factor: 0,88

Protection class (pump): IP 68 (3m/48h) Temperature monitoring: integrated 40°C

Max. temperature (permanent) of conveyed

material:

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 pump connection cable: H07RN-F 7G 1.5 mm² Impeller type: Multi-vane impeller

Free passage: 40 mm
Length of mains cable for pump: 10 m
Rated current: 7,5 A

Control

Control unit: Comfort Motor protection switch: yes

Alarm sensor: Immersion pipe
Level measurement instrument: Immersion pipe
Type of level measurement: pneumatic
Protection class control unit: 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

Type of fuse required (control unit): 3 x C 25 A