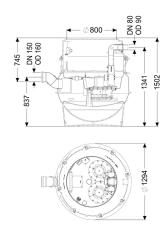


Pumping station Aquapump F XL Duo, SPF 4500-S1, D0





Article information

Item no.: 8742023 GTIN: 4026092069486

Price group: 60

Advantages

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

Description

The pumping station for faecal and faecal-free wastewater is equipped with a submersible pump, 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.

Type of wastewater: wastewater with sewage

Installation situation: underground installation, floor slab installation

Version:

Type of system: Twin pump station Installation: Dry installation

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

Pump control: Control unit
Backflow preventer: integrated

Access steps: yes



Note on installation depth: Version with lowest installation height

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 12050-1

Dimensions:

 Length:
 1,295 mm

 Width:
 1,295 mm

 Height:
 1,500 mm

Tank:

Number of inlets: 1 ST
Inlet nominal size (DN): 150
Inlet nominal size (OD): 160 mm
Distance pipe bottom inlet to tank bottom: 753 mm
Distance from centre of outlet pipe to tank 1,343 mm

bottom:

Distance from centre of inlet pipe to tank 833 mm

bottom:

Tank volume:

Pumping volume:

Pressure pipe connection:

Pressure pipe connection (DN):

Pressure pipe connection (OD):

Venting connection (DN):

Groundwater resistant from lower edge of base

3,000 mm

section:

Clear width of tank (LW): 1,000 mm Clear width of entry (LW): 800 mm

Free passage: 40 mm

Pumping device:

Pump: SPF 4500

Number of pumps: 2

Max. pumping capacity:55 m3/hMax. pumping height:20 mOperating mode:S1



Power P1: 4.2 kW Power P2: 3.5 kW Speed: 2,850 U/min Type of fuse required (electrical protection): $3 \times C \times 25 \text{ A}$ Max. temperature (permanent) of conveyed 40 °C

material:

Connection type: Direct connection

Weight: 31 kg

Impeller type: Multi-vane impeller

Length of mains cable for pump: 10 m Rated current: 7.5 A

Protection class (pump): IP 68 (3m/48h)

Protection class:

Type of pump connection cable: H07RN-F 7G 1.5 mm2

Temperature monitoring: integrated Cos phi - power factor: 0.88 Insulation class: F

Control:

Control unit: Comfort Operating voltage: 400 V Mains frequency: 50 Hz Self-diagnosis system (SDS): yes Battery buffering: yes Multi-line display: yes Log book function: yes GSM interface: yes Potential-free contact: yes

Type of fuse required (electrical protection): 3 x C 32 A Motor protection switch: yes

Protection class control unit: IP 54 Length of mains cable for control unit: 0 m

Type of level measurement: pneumatic
Level measurement instrument: Immersion pipe
Alarm sensor: Immersion pipe