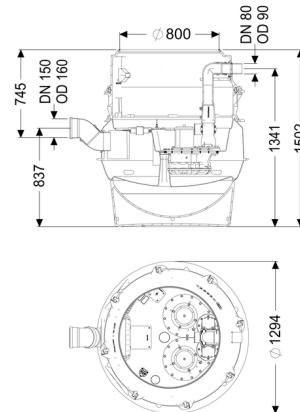


Pumping station Aquapump F XL Duo, SPF 4500-S1, D0



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.

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|-------------------------|---|
| 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 bottom: 1,343 mm
Distance from centre of inlet pipe to tank bottom: 833 mm
Tank volume: 335 l
Pumping volume: 160 l
Pressure pipe connection: horizontal
Pressure pipe connection (DN): 80 mm
Pressure pipe connection (OD): 90 mm
Venting connection (DN): 70 mm
Groundwater resistant from lower edge of base section: 3,000 mm
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/h
Max. pumping height: 20 m
Operating mode: S1

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|--|--------------------------------|
| Power P1: | 4.2 kW |
| Power P2: | 3.5 kW |
| Speed: | 2,850 U/min |
| Type of fuse required (electrical protection): | 3 x C 25 A |
| Max. temperature (permanent) of conveyed material: | 40 °C |
| 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: | I |
| Type of pump connection cable: | H07RN-F 7G 1.5 mm ² |
| Temperature monitoring: | integrated |
| Cos phi - power factor: | 0.88 |
| Insulation class: | F |

Control:

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|--|----------------|
| 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 |