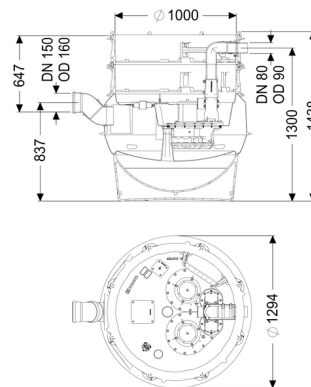


Pumping station Aquapump F XL Duo, SPF 4500-S1



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 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 for deeper installation, in combination with a chamber module

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:

1,403 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:

1,300 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

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

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:

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