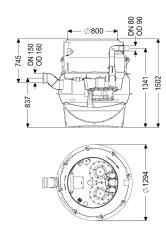


Pumping station Aquapump XL Duo, SPF 4500-S1, D0





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 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: 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)

System type: Duo

Dimensions

Net weight: 117,17 kg
Gross weight: 134,83 kg
Groundwater resistant from lower edge of base 3000 mm

section:

Length:1295 mmWidth:1295 mmHeight:1500 mmPackaging dimension:lengthPackaging dimension:widthPackaging dimension:height

Tank/drain body

Pressure pipe connection (DN):

Pressure pipe connection (OD):

90 mm

Venting connection (DN):

70

Distance from centre of outlet pipe to tank 1343 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: 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 4500-S1

Number of pumps: 2 Weight, pump: 31 kg

Connection type: Direct connection

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

Protection class (pump): IP 68 (3m/48h) Temperature monitoring: integrated Max. temperature (permanent) of conveyed $40 \,^{\circ}\text{C}$

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:

GSM interface:

Log book function:

Multi-line display:

Battery buffering:

Self-diagnosis system (SDS):

yes

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