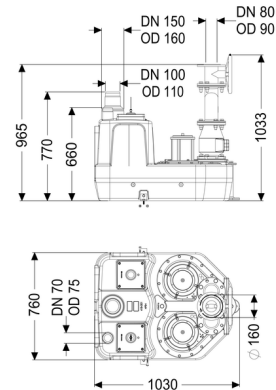


Lifting stati. Aqualift F XL 200l Duo, SPF 1500-S3, Cast-iron gate valve



Article information

Item no.: 11025
 GTIN: 4026092056929
 Price group: 50

Advantages

- Different performance classes available
- Pressure sensor for reliable pneumatic level measurement
- Maximum operating reliability due to intelligent control unit (Duo)

Description

The lifting station for faecal and faecal-free wastewater is equipped with a submersible pump and a backflow preventer. The collection tank made of permanently resistant polymer (PE) offers universal connection options and has a screwed access cover.

The station is controlled by a user-friendly control unit, which can be optionally integrated in the building management system via a potential-free contact or alarm and collective fault messages can be output via a GSM interface (Comfort control unit).

Type of wastewater: wastewater with sewage
 Installation situation: free-standing set-up

Version:

Type of system: Twin pump station
 Installation: Dry installation
 Shut-off valve: Shut-off valve made of cast iron
 Pump control: Control unit
 Backflow preventer: integrated
 Sound absorption mat: yes

Delivery state:

Installation-ready (electrical components,
connection parts must be connected on site)

General characteristics:

Colour: black
Standard: EN 12050-1

Dimensions:

Length: 980 mm
Width: 760 mm
Height: 807 mm

Tank:

Number of inlets: 1 ST
Inlet nominal size (DN): 100
Inlet nominal size (OD): 110 mm
Inlet max. scoring (DN): 200 mm
Distance from centre of outlet pipe to tank
bottom: 610 mm
Connection for manual diaphragm pump (DN): 32
Tank volume: 200 l
Pumping volume: 120 l
Pressure pipe connection: vertical
Pressure pipe connection (DN): 100 mm
Pressure pipe connection (OD): 110 mm
Venting connection (DN): 70 mm

Free passage: 40 mm

Pumping device:

Pump: SPF 1500
Number of pumps: 2
Max. pumping capacity: 40 m³/h
Max. pumping height: 8 m
Operating mode: S3 - 50 %
Power P1: 1.4 kW
Power P2: 1.1 kW
Speed: 1,415 U/min
Max. temperature (permanent) of conveyed
material: 40 °C
Connection type: Direct connection
Weight: 24 kg
Impeller type: Multi-vane impeller

| | |
|---------------------------------|--------------------------------|
| Length of mains cable for pump: | 5 m |
| Rated current: | 2.7 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: | 0.77 |
| 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 |
| USB interface: | yes |
| GSM interface: | yes |
| Potential-free contact: | yes |
| Type of fuse required (electrical protection): | 3 x C 16 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 |