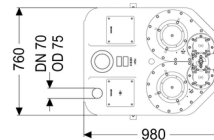
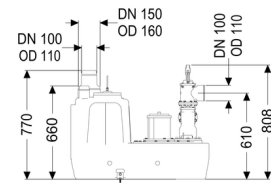


Lifting stati. Aqualift F XL 200l Duo, SPF 1500-S1, Gate valve



Article information

Item no.: 11096
 GTIN: 4026092057636
 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
 Shut-off valve: Shut-off valve made of polymer
 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: | horizontal |
| Pressure pipe connection (DN): | 100 mm |
| Pressure pipe connection (OD): | 110 mm |
| Venting connection (DN): | 70 mm |

Pumping device:

| | |
|----------------------------------------------------|----------------------|
| Pump: | SPF 1500 |
| Number of pumps: | 2 |
| Max. pumping capacity: | 40 m ³ /h |
| Max. pumping height: | 8 m |
| Operating mode: | S1 |
| 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: | 27 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 |
| 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 |