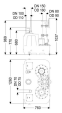
Data sheet

# Lifting station Aqualift XL 300l Duo, SPF 3000-S1,Cast-iron shut-off val.



## Article information
article number: 11113
EAN code: 4026092057803
Price group: 50

## Product advantages
- Different performance classes available
- Pressure sensor for reliable pneumatic level measurement
- Maximum operating reliability due to intelligent control unit

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

## General features

| | |
|---|---|
| Colour | black |
| Standard | EN 12050-1 |
| Type of wastewater | with sewage |
| Installation situation | free-standing installation |
| Delivery state | Installation-ready (electrical components, connection parts must be connected on site) |
| System type | Duo |

## Version

| | |
|---|---|
| Type of system | duo pump |
| Shut-off valve | Shut-off valve made of cast iron |
| Retaining bracket for the lift protection | yes |
| Sound absorption mat | yes |
| Pump control | Control unit |
| Backflow preventer | integrated |
| Pressure pipe connection | vertical |

## Dimensions

| | |
|---|---|
| Net weight | 205 kg |
| Gross weight | 225 kg |
| Length | 1260 mm |
| Width | 889 mm |
| Height | 1042 mm |
| Packaging dimension: length | 1650 mm |
| Packaging dimension: width | 1150 mm |
| Packaging dimension: height | 890 mm |

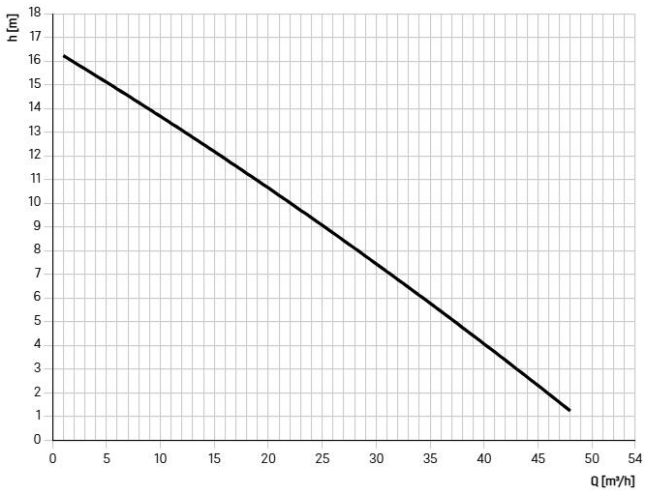
## Tank/drain body

| | |
|---|---|
| Pressure pipe connection (DN) | 80 |
| Pressure pipe connection (OD) | 90 mm |
| Connection for manual diaphragm pump (DN) | 32 |
| Venting connection (DN) | 70 |
| Inlet max. scoring (DN) | 200 |
| Inlet nominal size (OD) | 110 mm |
| Inlet nominal size (DN) | 100 |
| Number of inlets | 1 |
| Pumping volume | 175 l |
| Tank volume | 300.00 l |

## Pumping device

| | |
|---|---|
| Pump | SPF 3000-S1 |
| Number of pumps | 2 |
| Weight, pump | 26 kg |
| Protection class | I |
| Insulation class | F |
| Cos phi - power factor | 0.77 |
| Protection class (pump) | IP 68 (3m/48h) |
| Temperature monitoring | integrated |
| Max. temperature (permanent) of conveyed material | 40 °C |
| Max. pumping capacity | 47 m³/h |
| Max. pumping height | 16 m |
| Speed | 2890 U/min |
| Power P1 | 3.2 kW |
| Power P2 | 2.7 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 | 5 m |
| Rated current | 5,4\| A |

## Pumping capacity



## Control

| | |
|---|---|
| Control unit | Connect Pro |
| Operating voltage | 400 V |
| Mains frequency | 50/60 Hz |
| Rated current (max.) | 9\|9 A |
| Output power (max.) | 6.2 kW |
| Performance Active mode | 3.0 W |
| Protection class control unit | IP 54 |
| Motor protection | yes (electronically) |
| Type of fuse required (control unit) | C 16 A / C 20 A |
| Self-diagnosis system (SDS) | yes |
| Main switch | yes |
| Battery buffering | yes |
| Multi-line display | yes |
| Second Screen | yes (Wi-Fi) |
| Log book function | yes |
| Modbus (GLT or gateway) | yes (RTU) |
| Potential-free contact | yes (2) |
| Alarm sensor | yes |
| Ext. audible alarm | yes |
| Level measurement instrument | Immersion pipe |
| Type of level measurement | pneumatic |
| SonicControl Option | yes |
| Filling Option | yes |
| USB interface | no |