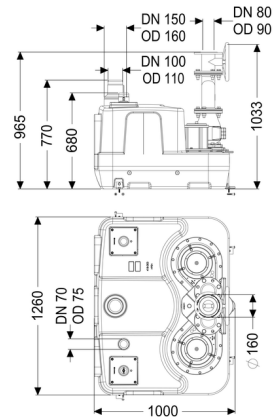


Lifting stati. Aqualift F XL 300l Duo, SPF 1500-S3, Cast-iron gate valve



Article information

Item no.: 11034
 GTIN: 4026092057018
 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: 1,260 mm
Width: 760 mm
Height: 806 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: 609 mm
Connection for manual diaphragm pump (DN): 32
Tank volume: 300 l
Pumping volume: 175 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
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