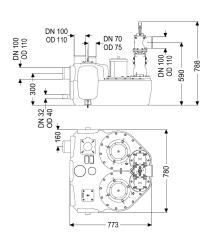


## Lifting station Aqualift F Duo Standard, SPF 3000-S1, shut-off valve





## **Article information**

Item no.: 11603

GTIN: 4026092071014

Price group: 20

## **Advantages**

- Different performance classes available
- Pressure sensor for reliable pneumatic level measurement
- Control unit with self-diagnosis system

## **Description**

The lifting station for faecal and faecal-free wastewater is equipped with 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.

Variant

Type of system: duo pump

Shut-off valve: Shut-off valve made of polymer

Retaining bracket for the lift protection: yes Sound absorption mat: yes

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: free-standing installation

Delivery state: Installation-ready (electrical compo

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

Dimensions

Net weight: 58,83 kg



Gross weight: 84 kg
Length: 773 mm
Width: 780 mm
Height: 788 mm
Packaging dimension: length
Packaging dimension: width
Packaging dimension: height

Tank/drain body

Pressure pipe connection (DN):

Pressure pipe connection (OD):

Connection for manual diaphragm pump (DN):

Venting connection (DN):

Distance from centre of outlet pipe to tank

100

110 mm

32

70

590 mm

bottom:

Distance pipe bottom inlet to tank bottom: 245 mm
Distance from centre of inlet pipe to tank 300 mm

bottom:

Inlet max. scoring (DN):

Inlet nominal size (OD):

Inlet nominal size (DN):

Number of inlets:

Pumping volume:

Tank volume:

150 mm

100 mm

50 l

120 l

Pumping device

Pump: SPF 3000-S1

Number of pumps: 2 Weight, pump: 26 kg

Connection type: Direct connection

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  $40 \,^{\circ}\text{C}$ 

material:

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

Control



Control unit: Standard Motor protection switch: yes

Alarm sensor: Immersion pipe

Level measurement instrument: Immersion pipe with pressure monitor

Type of level measurement: pneumatic Protection class control unit: IP 54 Mains frequency: 50 Hz Operating voltage: 400 V

Connection type: Direct connection

Potential-free contact: yes
Log book function: yes
Multi-line display: no
Battery buffering: yes
Self-diagnosis system (SDS): yes