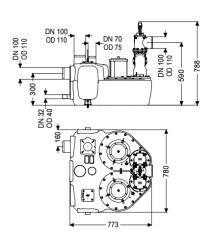


Lifting station Aqualift F Duo Standard, SPF 3000-S1, shut-off valve





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 components, connection parts must be connected on site)

ATEX: no

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): 100 Pressure pipe connection (OD): 110 mm Connection for manual diaphragm pump (DN): 32 Venting connection (DN): 70

Distance from centre of outlet pipe to tank 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): 150 mm Inlet nominal size (OD): 110 mm Inlet nominal size (DN): 100 mm Number of inlets: 2 50 l Pumping volume: Tank volume: 120 l

Pumping device

Pump: **SPF 3000**

Number of pumps: 2 Weight, pump: 26 kg

Connection type: Direct connection

Rated current: 5.4 A Length of mains cable for pump: 5 m Protection class: I F Insulation class: 0,77 Cos phi - power factor:

Protection class (pump): IP 68 (3m/48h) Temperature monitoring: integrated 40°C

Max. temperature (permanent) of conveyed

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:

Type of pump connection cable: H07RN-F 7G 1.5 mm² Impeller type: Multi-vane impeller

Free passage: 40 mm



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:

Log book function:

Multi-line display:

Battery buffering:

Self-diagnosis system (SDS):

Rated current:

yes

yes

5,4 A