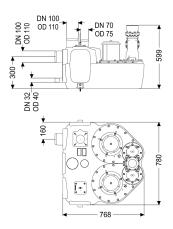


## Lifting station Aqualift F Duo Standard, SPF 3000-S3





## **Article information**

Item no.: 28634

GTIN: 4026092005989

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: without shut-off valve

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

Pump control: Control unit Backflow preventer: integrated Pressure pipe connection: vertical

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)

**Dimensions** 

Net weight: 90,25 kg



Gross weight: 109 kg
Length: 773 mm
Width: 780 mm
Height: 539 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 pipe bottom inlet to tank bottom:

Distance from centre of inlet pipe to tank

100

110 mm

225

70

245 mm

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-S3

Number of pumps: 2 Weight, pump: 24 kg

Connection type: Direct connection

Operating voltage: 400 V
Protection class: I
Insulation class: F
Cos phi - power factor: 0,89

Protection class (pump): IP 68 (3m/48h) Temperature monitoring: integrated Max. temperature (permanent) of conveyed 40 °C

material:

Max. pumping capacity: 47 m³/h Max. pumping height: 16 m

 Speed:
 2845 U/min

 Power P1:
 3,2 kW

 Power P2:
 2,7 kW

 Operating mode:
 \$3 - 50 %

Type of pump connection cable: H07RN-F 7G 1.5 mm<sup>2</sup> 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