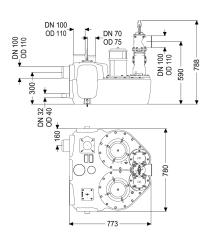


Lifting station Aqualift F Duo Comfort, SPF 1400-S3, shut-off valve





Article information

Item no.: 28629-C GTIN: 4026092058503

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)

Dimensions

Net weight: 108 kg



Gross weight: 108 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 1400-S3

Number of pumps:2Weight, pump:25 kgConnection type:coded plug

Protection class:
Insulation class:
Cos phi - power factor:

I power factor:
F

Protection class (pump): IP 68 (3m/48h) Temperature monitoring: integrated Max. temperature (permanent) of conveyed $40 \,^{\circ}\text{C}$

material:

Max. pumping capacity: 38 m³/h Max. pumping height: 7 m

 Speed:
 1370 U/min

 Power P1:
 1,6 kW

 Power P2:
 1,1 kW

 Operating mode:
 \$3 - 50 %

Type of pump connection cable: H07RN-F 3G 1.5 mm² Impeller type: Multi-vane impeller

Free passage: 40 mm
Length of mains cable for pump: 5 m
Rated current: 7,3 A

Control



Comfort Control unit:

Alarm sensor: Immersion pipe

Level measurement instrument: Immersion pipe with pressure monitor

yes

Type of level measurement: pneumatic IP 54 Protection class control unit: Mains frequency: 50 Hz Operating voltage: 230 V Connection type: coded plug Length of mains cable for control unit: 1,4 m Potential-free contact: optional GSM interface: yes USB interface: yes

Multi-line display: yes Battery buffering: yes yes

Self-diagnosis system (SDS):

Log book function: