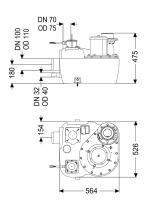


Lifting station Aqualift F Mono, Standard, SPF 3000-S3





Article information

Item no.: 28647

GTIN: 4026092005996

Price group: 20

Advantages

- Different performance classes available
- Pressure sensor for reliable pneumatic level measurement
- Including sound absorption mat

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.

Variant

Type of system: Single unit

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)

System type: Mono

Dimensions



Net weight: 48,1 kg Gross weight: 49,4 kg Length: 564 mm Width: 525 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

125 mm

bottom:

Inlet max. scoring (DN):

Inlet nominal size (OD):

Inlet nominal size (DN):

Number of inlets:

Pumping volume:

20 l

Tank volume:

50 l

Pumping device

Pump: SPF 3000-S3

Number of pumps: 1
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 $40 \,^{\circ}\text{C}$

material:

Max. pumping capacity:

Max. pumping height:

Speed:

Power P1:

Power P2:

Operating mode:

47 m³/h

16 m

2845 U/min

3,2 kW

2,7 kW

53 - 50 %

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
Type of level measurement: pneumatic

Protection class control unit: IP 54
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