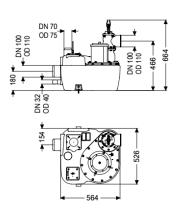


Lifting station Aqualift F Mono, Standard, SPF 1500-S3, shut-off val





Article information

Item no.: 28644

GTIN: 4026092007693

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: 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)

System type: Mono ATEX: no



Dimensions

Net weight: 42 kg 47,5 kg Gross weight: 564 mm Length: Width: 525 mm 664 mm Height: 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 70 Venting connection (DN): Distance from centre of outlet pipe to tank 466 mm

bottom:

Distance pipe bottom inlet to tank bottom: 125 mm Distance from centre of inlet pipe to tank 180 mm

bottom:

Inlet max. scoring (DN): 150 mm Inlet nominal size (OD): 110 mm Inlet nominal size (DN): 100 mm Number of inlets: 1 20 l Pumping volume: Tank volume: 50 l

Pumping device

Pump: SPF 1500

Number of pumps: 1 Weight, pump: 24 kg

Connection type: Direct connection

Rated current: 2,7 A Length of mains cable for pump: 5 m Protection class: I F Insulation class: Cos phi - power factor: 0,77

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

material:

Max. pumping capacity: 40 m³/h Max. pumping height: 8 m

Speed: 1415 U/min Power P1: 1,4 kW Power P2: 1,1 kW Operating mode: S3 - 50 %

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 Immersion pipe Level measurement instrument: 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 Rated current: 2,7 A