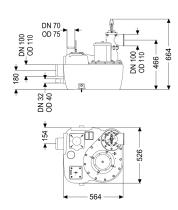


Lifting station Aqualift F Mono, Standard, SPF 1500-S3, shut-off val





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

Dimensions



Net weight: 42 kg Gross weight: 47,5 kg Length: 564 mm Width: 525 mm Height: 664 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 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 mmInlet nominal size (OD):110 mmInlet nominal size (DN):100 mm

Number of inlets: 1
Pumping volume: 20 l
Tank volume: 50 l

Pumping device

Pump: SPF 1500-S3

Number of pumps: 1
Weight, pump: 24 kg

Connection type: Direct connection

Protection class: I
Insulation class: F
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: \$3 - 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: 2,7 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