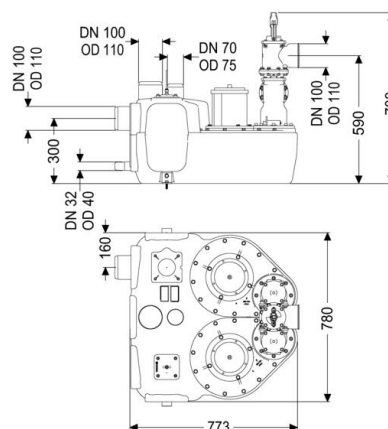


Data sheet

Lifting station Aqualift L Pro Connect, SPF 3000-S3, shut-off valve



Article information

article number: 28767

EAN code: 4026092054581

Price group: 20

Product 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.

General features

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)

Version

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

Dimensions

Net weight

78 kg

Gross weight

100 kg

Length

773 mm

Width

780 mm

Height

788 mm

Packaging dimension: length

855 mm

Packaging dimension: width

775 mm

Packaging dimension: height

570 mm

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 pipe bottom inlet to tank bottom	245 mm
Distance from centre of inlet pipe to tank bottom	300 mm
Inlet max. scoring (DN)	150
Inlet nominal size (OD)	110 mm
Inlet nominal size (DN)	100
Number of inlets	2
Pumping volume	50 l
Tank volume	120.00 l

Pumping device

Pump	SPF 3000-S3
Number of pumps	2
Weight, pump	24 kg
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 material	40 °C
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	S3 - 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

Pumping capacity



Control

Control unit	Connect Pro
Operating voltage	400 V
Mains frequency	50/60 Hz
Rated current (max.)	9 9 A
Output power (max.)	6.2 kW
Performance Active mode	3.0 W
Protection class control unit	IP 54
Motor protection	yes (electronically)
Type of fuse required (control unit)	C 16 A / C 20 A
Self-diagnosis system (SDS)	yes
Main switch	yes
Battery buffering	yes
Multi-line display	yes
Second Screen	yes (Wi-Fi)
Log book function	yes
Modbus (GLT or gateway)	yes (RTU)
Potential-free contact	yes (2)
Alarm sensor	yes
Ext. audible alarm	yes
Level measurement instrument	Immersion pipe with pressure monitor
Type of level measurement	pneumatic
SonicControl Option	yes
Filling Option	yes
USB interface	no