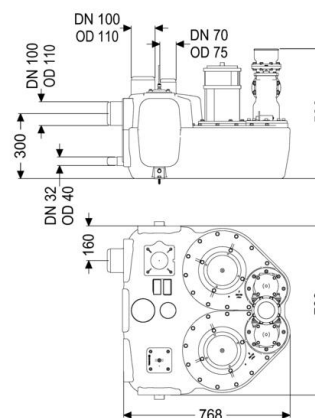


Data sheet

Lifting station Aqualift L Pro Duo, Comfort, SPF 1400-S1



Article information

article number: 11605

EAN code: 4026092071038

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

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

Dimensions

Net weight

58.83 kg

Gross weight

84 kg

Length

773 mm

Width

780 mm

Height

539 mm

Packaging dimension: length

773 mm

Packaging dimension: width

780 mm

Packaging dimension: height

539 mm

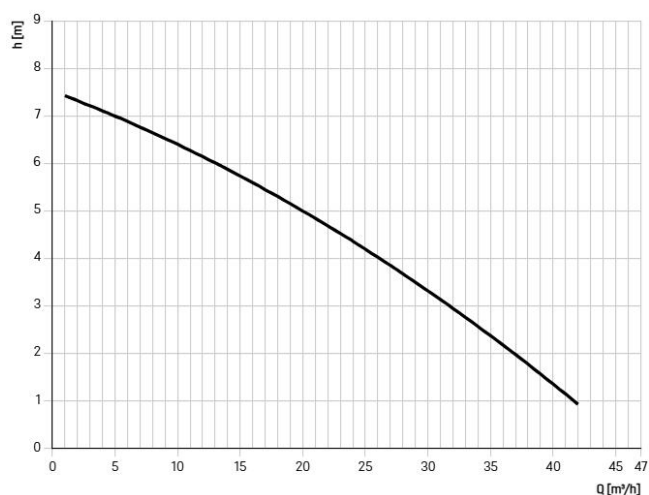
Tank/drain body

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 1400-S1
Number of pumps	2
Weight, pump	28 kg
Connection type	coded plug
Protection class	I
Insulation class	F
Cos phi - power factor	0.99
Protection class (pump)	IP 68 (3m/48h)
Temperature monitoring	integrated
Max. temperature (permanent) of conveyed material	40 °C
Max. pumping capacity	38 m³/h
Max. pumping height	7 m
Speed	1420 U/min
Power P1	1.6 kW
Power P2	1.1 kW
Operating mode	S1
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

Pumping capacity



Control

Control unit	Comfort
Operating voltage	230 V
Rated current (max.)	
Protection class control unit	IP 54
Self-diagnosis system (SDS)	yes
Battery buffering	yes
Multi-line display	yes
Log book function	yes
Potential-free contact	optional
Alarm sensor	Immersion pipe
Level measurement instrument	Immersion pipe with pressure monitor
Type of level measurement	pneumatic
USB interface	yes
Connection type	coded plug
Length of mains cable for control unit	1.4 m
GSM interface	yes