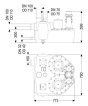
Data sheet

Lifting station Aqualift L Pro Duo, Connect, SPF 1500-S3



Article information
article number: 28764
EAN code: 4026092054550
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	76 kg
Gross weight	98 kg
Length	773 mm
Width	780 mm
Height	539 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 1500-S3
Number of pumps	2
Weight, pump	24 kg
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 material	40 °C
Max. pumping capacity	40 m^3/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 mm^2
Impeller type	Multi-vane impeller
Free passage	40 mm
Length of mains cable for pump	5 m
Rated current	2,7| 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
Power standby	3.0 W
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)
Ext. audible alarm	yes
Level measurement instrument	Immersion pipe with pressure monitor
Type of level measurement	pneumatic
SonicControl Option	yes
USB interface	no