

Data sheet

Lifting station Aqualift XL 450 L Duo, SPF 4500-S3, 2 shut-off valves



Article information

article number: 11071
EAN code: 4026092057384
Price group: 50

Product advantages

- Different performance classes available
- Pressure sensor for reliable pneumatic level measurement
- Maximum operating reliability due to intelligent control unit

Description

The lifting station for faecal and faecal-free wastewater is equipped with one or 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
System type	Duo

Version

Type of system	duo pump
Shut-off valve	2 shut-off valves made of cast iron
Pressure pipe connection	vertical

Dimensions

Net weight	220.6 kg
Gross weight	240.6 kg
Packaging dimension: length	1650 mm
Packaging dimension: width	1150 mm
Packaging dimension: height	890 mm

Tank/drain body

Tank volume	450.00 l
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Pumping device

Pump	SPF 4500-S3
Number of pumps	2
Weight, pump	26 kg
Operating voltage	400 V
Protection class	I
Insulation class	F
Cos phi - power factor	0.85
Protection class (pump)	IP 68 (3m/48h)
Temperature monitoring	integrated
Max. temperature (permanent) of conveyed material	40 °C
Max. pumping capacity	55 m³/h
Max. pumping height	20 m
Speed	2850 U/min
Power P1	4.2 kW
Power P2	3.5 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	7,5 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)
Alarm sensor	yes
Ext. audible alarm	yes
Level measurement instrument	Immersion pipe
Type of level measurement	pneumatic
SonicControl Option	yes
USB interface	no