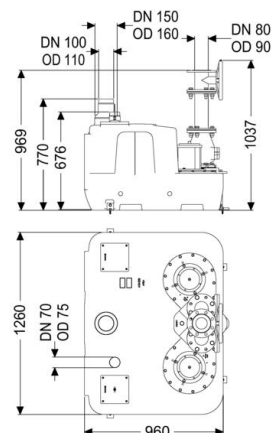


Data sheet

Lifting station Aqualift XL 450 L Duo, SPF 3000-S3, Cast-iron shut-off val.



Article information

article number: 11057

EAN code: 4026092057247

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

Delivery state

Installation-ready (electrical components, connection parts must be connected on site)

System type

Duo

Version

Type of system

duo pump

Shut-off valve

Shut-off valve made of cast iron

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

202 kg

Gross weight

225 kg

Length

1260 mm

Width

1089 mm

Height

1027 mm

Packaging dimension: length

1650 mm

Packaging dimension: width

1150 mm

Packaging dimension: height

890 mm

Tank/drain body

Pressure pipe connection (DN)	80
Pressure pipe connection (OD)	90 mm
Connection for manual diaphragm pump (DN)	32
Venting connection (DN)	70
Inlet max. scoring (DN)	200
Inlet nominal size (OD)	110 mm
Inlet nominal size (DN)	100
Number of inlets	1
Pumping volume	250 l
Tank volume	450.00 l

Pumping device

Pump	SPF 3000-S3
Number of pumps	2
Weight, pump	24 kg
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
Type of level measurement	pneumatic
SonicControl Option	yes
Filling Option	yes
USB interface	no