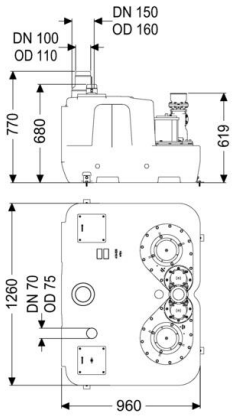
Data sheet

Lifting station Aqualift XL 900l Duo, SPF 3000-S3



Article information

article number: 11054-900L
EAN code
Price group: 50

Product advantages

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

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
Material	PE
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	without shut-off valve
Retaining bracket for the lift protection	yes
Sound absorption mat	yes
Pump control	Control unit
Pressure pipe connection	vertical

Dimensions

Net weight	0 kg
Gross weight	0 kg
Set-up area, length	2120 mm
Set-up area, width	1260 mm
Set-up area, height	770 mm
Length	1260 mm
Width	1000 mm
Height	770 mm
Packaging dimension: length	0 mm
Packaging dimension: width	0 mm
Packaging dimension: height	0 mm

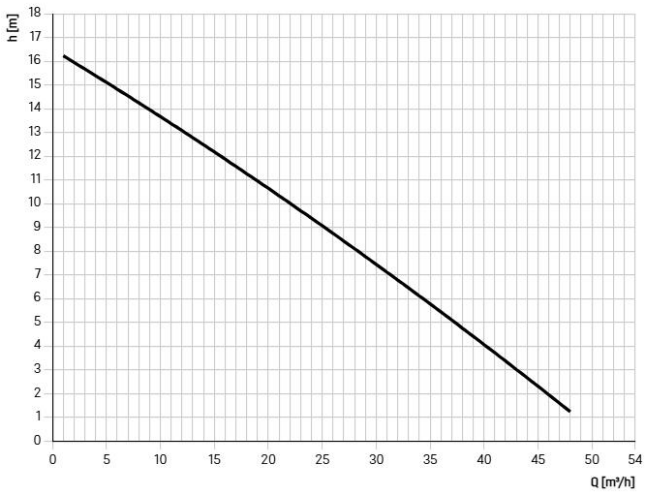
Tank/drain body

Pressure pipe connection (DN)	100
Pressure pipe connection (OD)	110 mm
Connection for manual diaphragm pump (DN)	32
Venting connection (DN)	70
Inlet max. scoring (DN)	200
Inlet nominal size (OD)	110 mm
Inlet nominal size (DN)	100
Pumping volume	500 l
Tank volume	900.00 l

Pumping device

Pump	SPF 3000-S3
Number of pumps	2
Weight, pump	24 kg
Connection type	Direct connection
Operating voltage	400 V
Mains frequency	50 Hz
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	3.5 kW
Power P2	2.8 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	Comfort
Motor protection switch	yes
Alarm sensor	Immersion pipe
Level measurement instrument	Immersion pipe
Type of level measurement	pneumatic
Protection class control unit	IP 54
Connection type	Direct connection
Length of mains cable for control unit	0 m
Potential-free contact	yes
GSM interface	yes
Log book function	yes
Multi-line display	yes
Battery buffering	yes
Self-diagnosis system (SDS)	yes
Type of fuse required (control unit)	3 x C 16 A