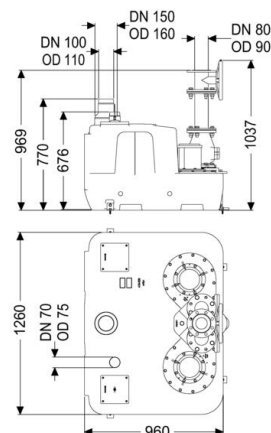


Data sheet

Lifting station Aqualift XL 450 L Duo, SPF 5600, Cast-iron shut-off val



Article information

article number: 11083
EAN code: 4026092057506
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	220 kg
Gross weight	240 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 5600
Number of pumps	2
Weight, pump	38 kg
Connection type	Direct connection
Operating voltage	400 V
Mains frequency	50 Hz
Protection class	I
Insulation class	F
Protection class (pump)	IP 68 (3m/48h)
Temperature monitoring	integrated
Max. temperature (permanent) of conveyed material	40 °C
Max. pumping capacity	60 m³/h
Max. pumping height	28 m
Speed	2800 U/min
Power P1	5.7 kW
Power P2	4.8 kW
Operating mode	S3 - 30 %
Type of pump connection cable	H07RN8-F 6G 1 mm²
Impeller type	Multi-vane impeller
Free passage	40 mm
Length of mains cable for pump	5 m
Rated current	9,1 A

Pumping capacity



Control

Control unit	Comfort
Operating voltage	400 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	yes
Alarm sensor	Immersion pipe
Level measurement instrument	Immersion pipe
Type of level measurement	pneumatic
Connection type	Direct connection
Length of mains cable for control unit	0 m
GSM interface	yes
Motor protection switch	yes