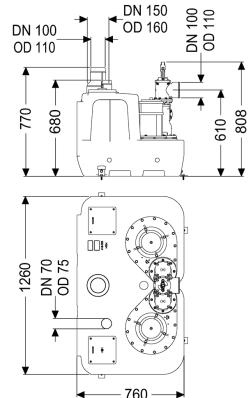


Lifting stati. Aqualift F XL 300l Duo, SPF 1400-S3, shut-off valve



Article information

Item no.: 11012
 GTIN: 4026092056790
 Price group: 50

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 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.

Variant

Type of system: duo pump
 Shut-off valve: Shut-off valve made of polymer
 Retaining bracket for the lift protection: yes
 Sound absorption mat: yes
 Pump control: Control unit
 Backflow preventer: integrated
 Pressure pipe connection: horizontal

General characteristics

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

Dimensions	
Net weight:	111,59 kg
Gross weight:	131,59 kg
Length:	1260 mm
Width:	760 mm
Height:	806 mm
Packaging dimension:	length
Packaging dimension:	width
Packaging dimension:	height

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 from centre of outlet pipe to tank bottom:	609 mm
Inlet max. scoring (DN):	200 mm
Inlet nominal size (OD):	110 mm
Inlet nominal size (DN):	100 mm
Number of inlets:	1
Pumping volume:	175 l
Tank volume:	300 l

Pumping device	
Pump:	SPF 1400-S3
Number of pumps:	2
Weight, pump:	25 kg
Connection type:	coded plug
Protection class:	I
Insulation class:	F
Cos phi - power factor:	0,98
Protection class (pump):	IP 68 (3m/48h)
Temperature monitoring:	integrated
Max. temperature (permanent) of conveyed material:	40 °C
Max. pumping capacity:	38 m ³ /h
Max. pumping height:	7 m
Speed:	1370 U/min
Power P1:	1,6 kW
Power P2:	1,1 kW
Operating mode:	S3 - 50 %
Type of pump connection cable:	H07RN-F 3G 1.5 mm ²
Impeller type:	Multi-vane impeller
Free passage:	40 mm
Length of mains cable for pump:	5 m
Rated current:	7,3 A

Control	
Control unit:	Comfort

Alarm sensor:	Immersion pipe
Level measurement instrument:	Immersion pipe
Type of level measurement:	pneumatic
Protection class control unit:	IP 54
Operating voltage:	230 V
Connection type:	coded plug
Length of mains cable for control unit:	1,4 m
Potential-free contact:	optional
GSM interface:	yes
USB interface:	yes
Log book function:	yes
Multi-line display:	yes
Battery buffering:	yes
Self-diagnosis system (SDS):	yes