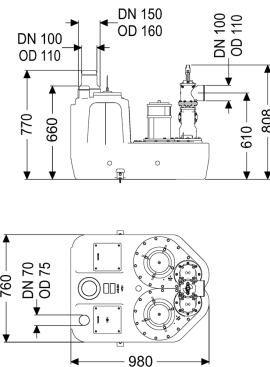


Aqualift F XL, 200 L lift. stat. Duo, SPF 1400-S3, shut-off valve



Article information

Item no.: 11003
 GTIN: 4026092056707
 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:	99,93 kg
Gross weight:	119,93 kg
Length:	980 mm
Width:	760 mm
Height:	807 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:	610 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:	120 l
Tank volume:	200 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 m³/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 mm²
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
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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