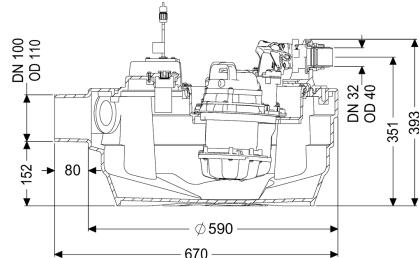


Lifting station Aqualift F Comp. Duo, SPZ 1000, Free-standing set-up



Article information

Item no.: 28718
 GTIN: 4026092093412
 Price group: 20

Advantages

- Suitable for complete basement drainage
- High-performance macerator for space-saving and secure drainage
- 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) has an enclosed pump tank. One-handed closures enable easy removal of the integrated components.

Variant

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
Backflow preventer:	integrated
Pressure pipe connection:	horizontal

General characteristics

Colour:	black
Type of wastewater:	with sewage
Installation situation:	free-standing installation
Delivery state:	Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected)
Approval:	Z-53.2-484
System type:	Duo

Dimensions	
Net weight:	34 kg
Gross weight:	36,5 kg
Groundwater resistant from lower edge of base section:	3000 mm
Length:	670 mm
Width:	580 mm
Height:	395 mm
Packaging dimension:	length
Packaging dimension:	width
Packaging dimension:	height

Tank/drain body	
Pressure pipe connection (DN):	32
Pressure pipe connection (OD):	40 mm
Venting connection (DN):	70
Distance from centre of outlet pipe to tank bottom:	350 mm
Distance pipe bottom inlet to tank bottom:	152 mm
Distance from centre of inlet pipe to tank bottom:	207 mm
Inlet nominal size (OD):	110 mm
Inlet nominal size (DN):	100 mm
Number of inlets:	1
Pumping volume:	20 l
Tank volume:	40 l

Pumping device	
Pump:	SPZ 1000
Number of pumps:	2
Weight, pump:	10 kg
Connection type:	coded plug
Operating voltage:	230 V
Protection class:	I
Insulation class:	F
Cos phi - power factor:	0,97
Protection class (pump):	IP 68
Temperature monitoring:	integrated
Max. temperature (permanent) of conveyed material:	40 °C
Max. pumping capacity:	11,5 m ³ /h
Max. pumping height:	10 m
Speed:	2800 U/min
Power P1:	1,2 kW
Power P2:	0,69 kW
Operating mode:	S3 - 50 %
Type of pump connection cable:	H07RN-F 3G 1.5 mm ²
Impeller type:	Macerator
Length of mains cable for pump:	5 m

Rated current: 5,2 A

Control

Control unit:

Control unit function:

Motor protection switch:

Alarm sensor:

Level measurement instrument:

Type of level measurement:

Protection class control unit:

Mains frequency:

Operating voltage:

Connection type:

Length of mains cable for control unit:

Potential-free contact:

GSM interface:

USB interface:

Log book function:

Multi-line display:

Battery buffering:

Self-diagnosis system (SDS):

Warning equipment version:

Type of fuse required (control unit):

Comfort

With alarm message

yes

optical probe

Immersion pipe

pneumatic

IP 54

50 Hz

230 V

coded plug

1,4 m

optional

yes

yes

yes

yes

yes

acoustic and optical signal

Fuse protection through control unit 230 V