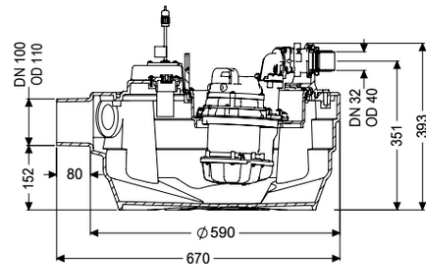


Lifting station Aqualift F Comp. Mono, SPZ 1000-S3, Free-standing set-up



Article information

Item no.: 28717
GTIN: 4026092093405
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:	Single unit
Shut-off valve:	without shut-off valve
Retaining bracket for the lift protection:	yes
Tested sound insulation as per test report:	yes
Rim width:	Control unit
Backwater protection:	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)

Inlet max. scoring (DN): Z-53.2-484
System type: Mono

Dimensions

Net weight: 24 kg
Gross weight: 26,5 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 (DN): 110 mm
Inlet nominal size (DN): 100 mm
Inlet type: 1
Pumping volume: 20 l
Tank volume: 40 l

Pumping device

Pump control: SPZ 1000
Number of pumps: 1
Weight: 10 kg
Connection type: coded plug
Rated current: 5,2 A
Length of mains cable for pump: 5 m
Self-diagnosis system (SDS): I
Insulation class: F
Cos phi - power factor: 0,97
Protection class control unit: IP 68
DSC: integrated
Max. temperature (permanent) of conveyed material: 40 °C
Max. pumping capacity: 11,5 m³/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 fuse required (electrical protection):	Fuse protection through control unit 230 V
Type of pump connection cable:	H07RN-F 3G 1.5 mm ²
Impeller type:	Macerator
Control	Comfort
Control unit:	With alarm message
Control unit function:	yes
Motor protection switch:	optical probe
Alarm sensor:	Immersion pipe
Level measurement instrument:	pneumatic
Type of level measurement:	IP 54
Protection class probe:	50 Hz
Mains frequency:	230 V
Operating voltage:	coded plug
Connection type:	1,4 m
Length of mains cable for control unit:	optional
Potential-free contact:	yes
GSM interface:	yes
USB interface:	yes
Log book function:	yes
Multi-line display:	yes
Battery buffering:	yes
Self-diagnosis system (SDS):	yes
Warning equipment version:	acoustic and optical signal
Rated current:	5,2 A