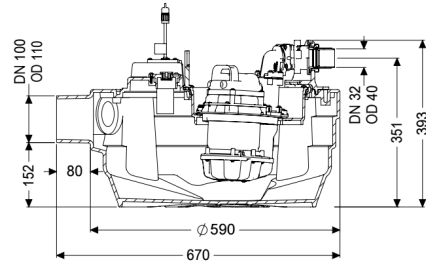


Lifting station Aqualift F Comp. Mono, SPZ 1000-S3, Free-standing set-up



Article information

Item no.: 28717
 GTIN: 4026092093405
 Price group: 20

Advantages

- Suitable for complete basement drainage
- Integrated drainage function when installed in the floor slab
- 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
Width:	580 mm
Height:	395 mm
Length:	670 mm
Packaging dimension:	width
Packaging dimension:	height
Packaging dimension:	length

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
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	
Motor protection switch:	yes
Alarm sensor:	optical probe
Level measurement instrument:	Immersion pipe
Type of level measurement:	pneumatic
Protection class probe:	IP 54
Mains frequency:	50 Hz
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
Max. permissible switching frequency:	Comfort
Control unit function:	With alarm message
Warning equipment version:	acoustic and optical signal