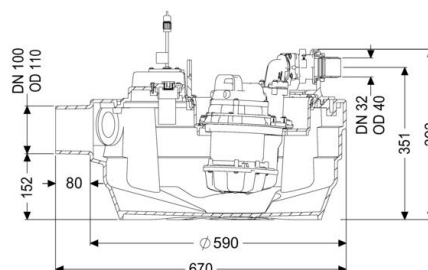


Data sheet

Lifting station Aqualift M Mono, SPZ 1000



Article information

article number: 28717
EAN code: 4026092093405
Price group: 20

Product 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.

General features

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	Mono

Version

Type of system	Single unit
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

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	620 mm
Packaging dimension: width	620 mm
Packaging dimension: height	515 mm

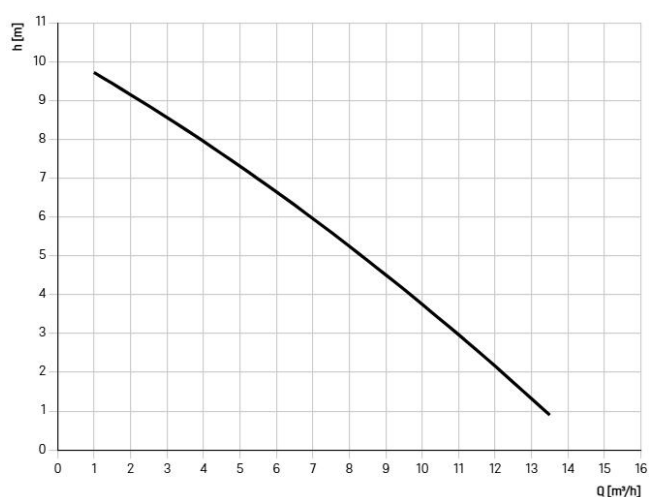
Tank/drain body

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
Number of inlets	1
Pumping volume	20 l
Tank volume	40.00 l

Pumping device

Pump	SPZ 1000
Number of pumps	1
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 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 pump connection cable	H07RN-F 3G 1.5 mm²
Impeller type	Macerator
Length of mains cable for pump	5 m
Rated current	5,2 A

Pumping capacity



Control

Control unit	Comfort
Control unit function	With alarm message
Motor protection switch	yes
Alarm sensor	optical probe
Level measurement instrument	Immersion pipe
Type of level measurement	pneumatic
Protection class control unit	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
Warning equipment version	acoustic and optical signal
Type of fuse required (control unit)	Fuse protection through control unit 230 V
Rated current	