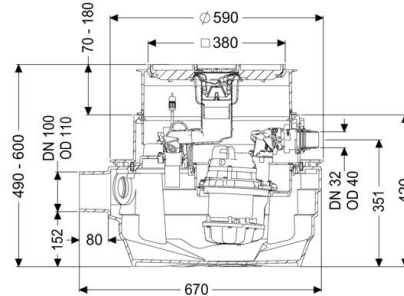


Data sheet

Lifting station Aqualift M Underfloor, Duo, SPZ 1000, tileable



Article information

article number: 28704X
 EAN code: 4026092093399
 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 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	floor slab 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

Version

Type of system	duo pump
Shut-off valve	without shut-off valve
Pump control	Control unit
Backflow preventer	integrated
Pressure pipe connection	horizontal

Dimensions

Net weight	44.2 kg
Gross weight	46 kg
Groundwater resistant from lower edge of base section	3000 mm
Cutout dimension, width	800 mm
Cutout dimension, length	800 mm
Installation depth	490 600 mm
Type of height adjustability	vertically adjustable upper section
Length	670 mm
Width	590 mm
Packaging dimension: length	620 mm
Packaging dimension: width	620 mm
Packaging dimension: height	1030 mm

Tank/drain body

Pressure pipe connection (DN)	32
Pressure pipe connection (OD)	40 mm
Connection conduit pipe (DN)	50
Venting connection (DN)	70
Distance from centre of outlet pipe to tank bottom	351 mm
Distance pipe bottom outlet to tank bottom	351 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

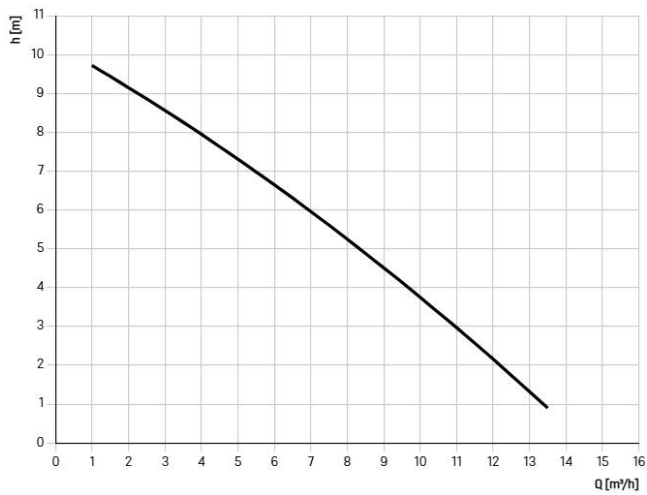
Coverage features

Type of cover	tileable cover plate
Cover material	Polymer
Width of cover	366 mm
Length of cover	366 mm
Drainage function	yes
Locking	Lock & Lift
Max. flooring height	16 mm
geruchsverschluss_hebeanlagen	Multistop

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
Hot water resistance for a short time (2 min)	80 °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

Pumping capacity



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)
 Rated current

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
 yes
 acoustic and optical signal
 Fuse protection through control unit 230 V
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