

Data sheet

Techn. kit Aqualift M Underfloor Duo



Article information

article number: 28704-TK
EAN code: 4026092107423
Price group: 20

Product advantages

Description

For combination with a KESSEL shell kit for creating a Duo lifting station for wastewater with sewage with an SPZ1000 wastewater pump.

The ready to plug in lifting station for wastewater with sewage is equipped with a submersible pump and a backflow preventer. The collection tank made of permanently resistant polymer (PE) has an open pump tank. One-handed closures enable easy removal of the integrated components. The system for installation in the floor slab is pre-assembled for final installation on site. The station is controlled by a user-friendly control unit, which is optionally integrated in the building management system using a potential-free contact or alarm and collective fault messages that can be output through a GSM interface.

KESSEL technology kit consisting of:

- Pumps with macerator and multi-vane vortex impeller for maximum operating safety
- Comfort control unit 230 V
- Optical alarm probe
- Pneumatic level measurement

Version

Type of system	Single unit
Pump control	Control unit

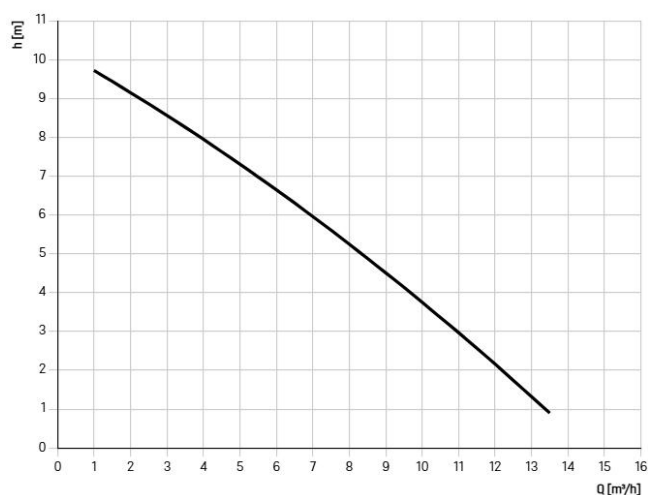
Dimensions

Net weight	25 kg
Gross weight	25 kg
Packaging dimension: length	785 mm
Packaging dimension: width	385 mm
Packaging dimension: height	465 mm

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 (3m/48h)
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 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	