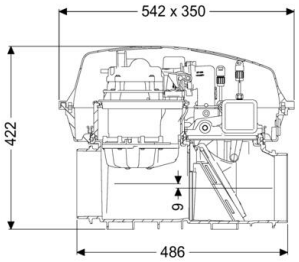
Data sheet

Backwater pump station Pumpfix M without socket





Article information

article number: 24000
EAN code: 4026092053898
Price group: 30

Product advantages

- Backwater pumping station: uses the natural fall to the sewer - pump is only used for backwater
- Flexible installation, different covers with drain function available for installation in the floor slab
- Quiet and energy-saving

Description

The premium backwater pumping station for faecal and non-faecal wastewater is equipped with a pump and a motor-driven closure system. The pipe cross-section is normally open. In case of backwater, the motor-driven closure system is closed automatically. During the backwater phase, the water drains via the pump with integrated macerator. The station is controlled by a user-friendly control unit, which is optionally integrated in the building management system via a potential-free contact, or alarm and collective fault messages can be output via a GSM interface.

General features

Colour	black
Type of wastewater	with sewage
Installation situation	exposed drainage pipe
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-53.2-388,Z-53.2-388_V
Motor type	KSM 140
Type de protection moteur	IP 68 (3m/48h)

Version

Emergency closure	yes
Pump control	Control unit
Protection class, probe	IP 68 (3m/48h)
Motor-driven backwater flaps	1

Dimensions

Net weight	20.5 kg
Gross weight	22 kg
Vertical drop between inlet and outlet	9 mm
Length	542 mm
Width	350 mm
Height	422 mm
Packaging dimension: length	785 mm
Packaging dimension: width	385 mm
Packaging dimension: height	465 mm

Tank/drain body

Socket version	optional

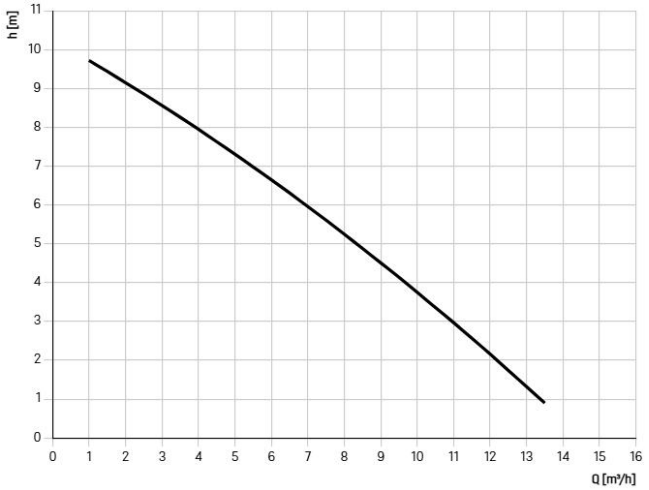
Coverage features

Type of cover	Protective cover
Cover material	Polymer
Colour of cover	transparent
Width of cover	350 mm
Height of cover	165 mm
Length of cover	542 mm
Locking	Clip closure

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 (3m/48h)
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
Motor connection cable type	ÖPVC-JB/OB 300/500 V/3 x 0,75 mm2 mm²
Sensor connection cable type	ÖPVC-JB/OB 300/500 V/3 x 0,75 mm2 mm²
Length of mains cable for pump	5 m
Rated current	5,2| A

Pumping capacity



Control

Control unit	Comfort
Alarm sensor	optical probe
Level measurement instrument	optical probe
Type of level measurement	optical
Protection class control unit	IP 54
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
Type of fuse required (control unit)	C 16 A
Rated current	|