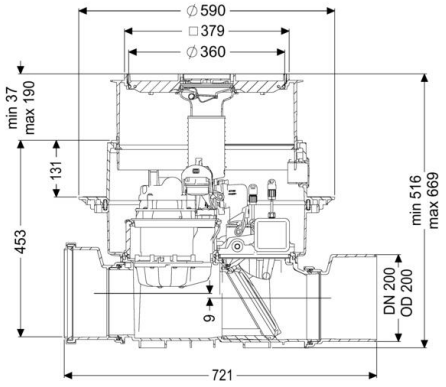
Data sheet

Backwater pump station Pumpfix M Underfloor, DN 200, tileable



Article information

article number: 24200X
EAN code: 4026092046593
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
Nominal size (DN)	200
Outer diameter (OD)	200 mm
Note on nominal size	Hydraulics correspond to DN 150
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-53.2-388,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	28 kg
Gross weight	33.5 kg
Groundwater resistant from lower edge of base section	3000 mm
Cutout dimension, width	750 mm
Cutout dimension, length	750 mm
Vertical drop between inlet and outlet	9 mm
Installation depth	516|669 mm
Type of height adjustability	vertically adjustable upper section
Length	720 mm
Width	590 mm
Packaging dimension: length	785 mm
Packaging dimension: width	615 mm
Packaging dimension: height	550 mm

Tank/drain body

Socket version	including spigot and socket

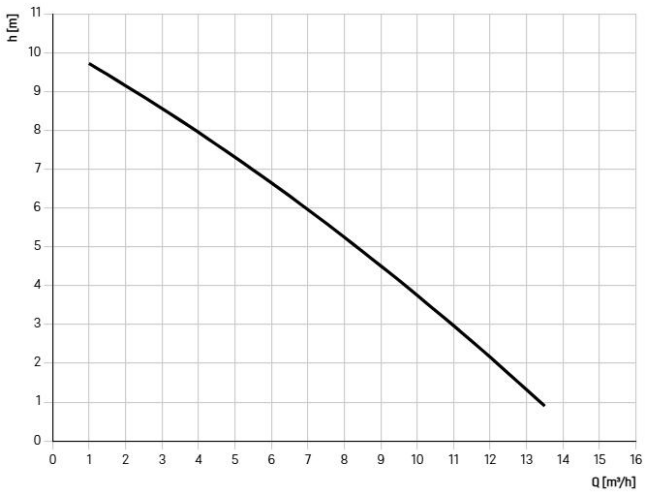
Coverage features

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
Load class	K 3 (EN 1253-1)
Max. flooring height	16 mm
geruchsverschluss_hebeanlagen	Multistop

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 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
Motor connection cable type	ÖPVC-JB/OB 300/500 V/3 x 0,75 mm2 mm^2
Sensor connection cable type	ÖPVC-JB/OB 300/500 V/3 x 0,75 mm2 mm^2
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	|