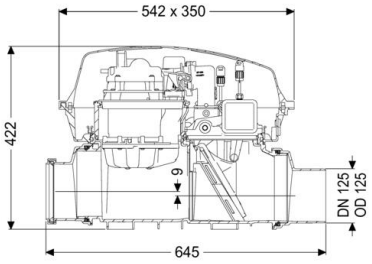
Data sheet

# Backwater pump station Pumpfix M DN 125




## Article information

article number: 24125
EAN code: 4026092046494
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) | 125 |
| Outer diameter (OD) | 125 mm |
| 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 kg |
| Gross weight | 25.5 kg |
| Vertical drop between inlet and outlet | 9 mm |
| Length | 645 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 | including spigot and socket |

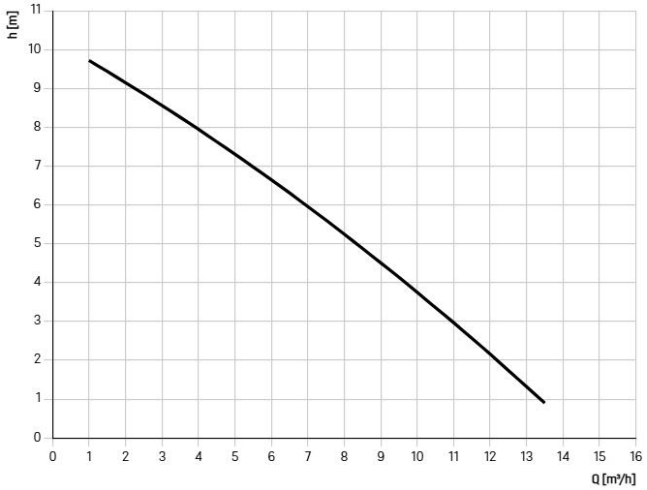
## Coverage features

| | |
|---|---|
| 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 | \| |