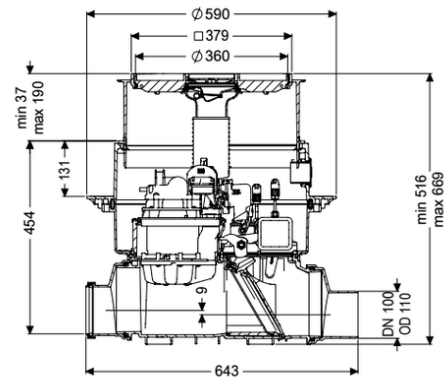
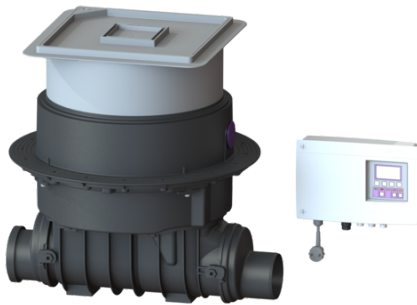


## Backwater pump station, Pumpfix F DN 100, Floor slab, tileable



### Article information

Item no.: 24100X  
 GTIN: 4026092046531  
 Price group: 30

### 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.

#### Variant

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

#### General characteristics

|                         |                         |
|-------------------------|-------------------------|
| Colour:                 | black                   |
| Nominal size (DN):      | 100                     |
| Outer diameter (OD):    | 110 mm                  |
| 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) |
| Inlet max. scoring (DN):                               | Z-53.2-388                                                                                                                 |
| Motor type:                                            | KSM 140                                                                                                                    |
| Protection class (pump):                               | IP 68 (3m/48h)                                                                                                             |
| Dimensions                                             |                                                                                                                            |
| Net weight:                                            | 28,2 kg                                                                                                                    |
| Gross weight:                                          | 31 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                                                                                                               |
| Vertical adjustment:                                   | vertically adjustable upper section                                                                                        |
| Length:                                                | 642 mm                                                                                                                     |
| Width:                                                 | 590 mm                                                                                                                     |
| Packaging dimension:                                   | length                                                                                                                     |
| Packaging dimension:                                   | width                                                                                                                      |
| Packaging dimension:                                   | height                                                                                                                     |
| Tank/drain body                                        |                                                                                                                            |
| System:                                                | 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                                                                                                                        |
| Cover locking:                                         | Lock & Lift                                                                                                                |
| Load class:                                            | K 3 (EN 1253-1)                                                                                                            |
| Max. flooring height:                                  | 16 mm                                                                                                                      |
| Odour trap:                                            | Multistop                                                                                                                  |
| Pumping device                                         |                                                                                                                            |
| Pump control:                                          | SPZ 1000                                                                                                                   |
| Number of pumps:                                       | 1                                                                                                                          |
| Weight:                                                | 10 kg                                                                                                                      |
| Connection type:                                       | coded plug                                                                                                                 |
| Rated current:                                         | 5,2 A                                                                                                                      |
| Length of mains cable for pump:                        | 5 m                                                                                                                        |
| Self-diagnosis system (SDS):                           | I                                                                                                                          |
| Insulation class:                                      | F                                                                                                                          |
| Cos phi - power factor:                                | 0,97                                                                                                                       |
| Protection class control unit:                         | IP 68 (3m/48h)                                                                                                             |
| DSC:                                                   | 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 fuse required (electrical protection):     | C 16 A                                |
| 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 |
| Control                                            |                                       |
| Control unit:                                      | Comfort                               |
| Alarm sensor:                                      | optical probe                         |
| Level measurement instrument:                      | optical probe                         |
| Type of level measurement:                         | optical                               |
| Protection class probe:                            | 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                                   |
| Rated current:                                     | 5,2 A                                 |