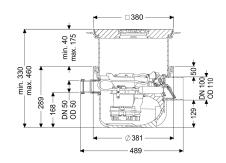


Pumpfix S backwater pump station DN 100, with black cover plate





Article information

Item no.: 280451S GTIN: 4026092085516 Price group: 10

Advantages

- Drains reliably against backwater pressure
- Continuous running pump with multi-vane vortex impeller for maximum reliability
- System suitable for installation in waterproof concrete

Description

The backwater pumping station for faecal-free wastewater is equipped with one pump and two mechanical backwater valves which close automatically in the event of backwater.

Normally, draining takes place via the natural gradient to the sewer. During the backwater phase, draining takes place via the integrated pump against backwater pressure directly into the sewage channel.

- With vertically adjustable upper section for continuous height and level compensation and integrated floor drain

- System suitable for installation in waterproof concrete, groundwater resistant up to 3 $\ensuremath{\mathsf{m}}$

- Backwater protection in accordance with EN 13564 type 5
- Including socket DN 50 for inlet and cable conduit

- Pump suitable for permanent operation with multi-vane impeller for maximum operational safety

- Including float switch for level measurement

Variant	
Note on installation depth:	System suitable for installation in waterproof
	concrete
Discharge rate (l/s) with 20 mm threshold:	1,6
Mechanical backwater flaps:	2
System installation:	Waterproof concrete



General characteristics Standard: Nominal size (DN): Outer diameter (OD): Type of wastewater: Delivery state: Backwater protection:	EN 13564 100 110 mm without sewage plug-in ready Type 5
Dimensions Net weight: Gross weight: Groundwater resistant from lower edge of base section: Cutout dimension, width: Cutout dimension, length: Installation depth: Length: Width: Packaging dimension: Packaging dimension: Packaging dimension:	10,8 kg 12,1 kg 3000 mm 600 mm 600 mm 330 - 460 mm 485 mm 380 mm length width height
Tank/drain body Connection conduit pipe (DN): Inlet nominal size (DN):	50 50 mm
Coverage features Type of cover: Cover material: Colour of cover: Width of cover: Length of cover: Drainage function: Locking: Load class: Rim width: Rim length: Max. flooring height: Shape of upper section:	Cover plate Polymer black 366 mm 366 mm yes Lock & Lift K 3 (EN 1253-1) 380 mm 380 mm 16 mm square
Pumping device Pump: Number of pumps: Weight, pump: Connection type: Operating voltage: Protection class: Insulation class: Cos phi - power factor:	GTF 500 1 6 kg Schuko (earthed contact) 2-pin 230 V I F 0,91



Protection class (pump): Temperature monitoring: Max. temperature (permanent) of conveyed material: Max. pumping height: Speed: Power P1: Power P1: Power P2: Operating mode: Type of pump connection cable: Impeller type: Length of mains cable for pump: Rated current:

40 °C 8 m 2800 U/min 0,6 kW 0,36 kW S1 H07RN-F 3G 1.5 mm² Multi-vane impeller 5 m 2,7 A

IP 68

integrated

Control Mains frequency: Operating voltage: Connection type: Type of fuse required (electrical protection):

50 Hz 230 V Schuko (earthed contact) 2-pin C 16 A