

Pumpfix F conversion kit DN 100-200, fr. 01/2011, exposed



Article information

Item no.: 80097
 GTIN: 4026092048269
 Price group: 30

Description

The conversion kit 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.

The conversion kit is used to retrofit Staufix FKA, Staufix SWA and Controlfix for Pumpfix F backwater pumping station.

General characteristics

Nominal size (DN):	100-200
Note on nominal size:	Hydraulics correspond to DN 150
Type of wastewater:	for wastewater with and without sewage
Installation situation:	exposed drainage pipe
Approval:	Z-53.2-388

Dimensions

Net weight:	16,57 kg
Gross weight:	18,78 kg
Packaging dimension:	length
Packaging dimension:	width
Packaging dimension:	height

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:	35 °C
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
Length of mains cable for pump:	5 m
Rated current:	5,2 A

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 (electrical protection):	C 16 A