

Pumping station Aquapump XL Mono, GTF1400-S1, 400V



Article information

Item no.: 8743047

GTIN:

Price group: 60

Advantages

- Maximum safety
- Flexible installation
- Also handles large quantities of wastewater

Description

The pumping station is equipped with one or two submersible pumps and a backflow preventer. The collection tank made of permanently resistant polymer (PE) has an open pump tank with universal connection options. Quick-release closures enable the integrated components to be removed easily. The KESSEL modular system provides different engineering chamber options as accessories for the further layout. Stainless steel pump removal chains available as accessory for each installation depth - Article number:

680528 = Length 2 m 680529 = Length 3 m
680530 = Length 4 m 680531 = Length 5 m

Variant

Type of system:	Single unit
Passage seal for conduit pipe (DN):	63
Passage seal for ventilation pipe (DN):	50
Installation:	Wet installation
Backflow preventer:	integrated
Pressure pipe connection:	horizontal

General characteristics

Colour:	black
Standard:	EN 12050-2 as well as EN 12050-1 (without ATEX requirements)
Type of wastewater:	for wastewater with and without 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)
System type:	Mono

Dimensions

Net weight:	150 kg
Gross weight:	170 kg
Groundwater resistant from lower edge of base section:	3000 mm
Length:	1300 mm
Width:	1300 mm
Height:	1416 mm

Tank/drain body

Pressure pipe connection (DN):	80
Pressure pipe connection (OD):	90 mm
Inlet nominal size (OD):	160 mm
Inlet nominal size (DN):	150 mm
Number of inlets:	1
Pumping volume:	350 l

Pumping device

Pump:	GTF 1400
Number of pumps:	1
Weight, pump:	22 kg
Connection type:	Direct connection
Protection class:	I
Insulation class:	H
Protection class (pump):	IP 68 (20m)
Temperature monitoring:	integrated
Max. temperature (permanent) of conveyed material:	40 °C
Max. pumping capacity:	31 m ³ /h
Max. pumping height:	10,5 m
Speed:	2900 U/min
Power P1:	1,5 kW
Power P2:	1,1 kW
Operating mode:	S1
Type of pump connection cable:	H07RN-F 4G 1.5 mm ² mm ²
Impeller type:	Multi-vane impeller
Length of mains cable for pump:	10 m
Rated current:	6,5 A

Control

Control unit:	Comfort
Motor protection switch:	yes
Alarm sensor:	Level sensor
Level measurement instrument:	Level sensor
Type of level measurement:	hydrostatic
Protection class control unit:	IP 54
Mains frequency:	50 Hz
Operating voltage:	400 V
Connection type:	Direct connection

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