KESSEL

Pump system Aquapump Retrofit Duo, GTK3700-S1, level sensor

Article information

Item no.: GTK3700-D
GTIN:
Price group: 60

Description

Pump system, wet installation, for installation in an on-site chamber module. - For wastewater without sewage - Pressure pipe, pre-assembled at the factory, with mounting parts, a backflow preventer and shut-off valve - Pump with a single-vane impeller for optimum energy efficiency - Including a level probe for level measurement - Including a KESSEL Aqualift Comfort 400 V control unit User-friendly menu navigation in a multi-line display. With a self-diagnosis system (SDS) and reminder function for the next maintenance. Display of the current measured values. Simple adjustment of the function-related parameters, including an operating hour counter and potential-free contact. Optional forwarding of alarm and collective fault messages via a GSM interface. -Required minimum diameter of the on-site chamber module:

1000 mm

Variant
Type of system:	duo pump
Shut-off valve:	yes
Rim width:	Control unit
Backwater protection:	integrated
Pressure pipe connection:	horizontal

General characteristics
Standard:	EN 12050-2
Type of wastewater:	without sewage
Installation situation:	installation in on-site collecting tank
Delivery state:	Modular set for assembly on site
System type:	Duo

Dimensions
Net weight:	197 kg
Gross weight:	220 kg

Subject to technical changes.

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Tank/drain body
Pressure pipe connection (DN):   50
Pressure pipe connection (OD):   63 mm

Pumping device
Pump control: GTK 3700
Number of pumps: 2
Weight: 12 kg
Connection type: coded plug
Rated current: 6,5 A
Length of mains cable for pump: 10 m
Self-diagnosis system (SDS):   I
Protection class control unit: IP 68 (3m)
DSC: integrated
Max. temperature (permanent) of conveyed   40 °C
material:
Max. pumping capacity: 82 m³/h
Max. pumping height: 23,5 m
Speed: 2900 U/min
Power P1:   3,7 kW
Power P2:   3,1 kW
Operating mode: S1
Type of fuse required (electrical protection):   3 x C 32 A
Type of pump connection cable: H07RN-F 7G 1.5 mm²
Impeller type: Single-vane impeller

Control
Alarm sensor: Level sensor
Level measurement instrument: Level sensor
Type of level measurement: hydrostatic
Protection class probe: IP 54
Mains frequency: 50 Hz
Operating voltage: 400 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
Max. permissible switching frequency: Comfort