Data sheet

Pumping station Aquapump XL Duo, GTK 3700-S1, Level sensor

Article information

article number: 8743031
EAN code: 4026092077115
Price group: 60

Product 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

General features

Colour	black
Standard	EN 12050-2 as well as EN 12050-1 (without ATEX requirements)
Type of wastewater	for wastewater with or without sewage (in installation situations without ATEX requirements)
Installation situation	underground 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	Duo

Version

Note on installation depth	in combination with a chamber module
Type of system	duo pump
Shut-off valve	Shut-off valve made of polymer
Passage seal for conduit pipe (DN)	100
Access steps	yes
Passage seal for ventilation pipe (DN)	100
Installation	Wet installation
Pump control	Control unit
Backflow preventer	integrated
Pressure pipe connection	horizontal

Dimensions

Net weight	258 kg
Gross weight	282 kg
Groundwater resistant from lower edge of base section	3000 mm
Length	1370 mm
Width	1240 mm
Height	1416 mm
Packaging dimension: length	2000 mm
Packaging dimension: width	1300 mm
Packaging dimension: height	1550 mm

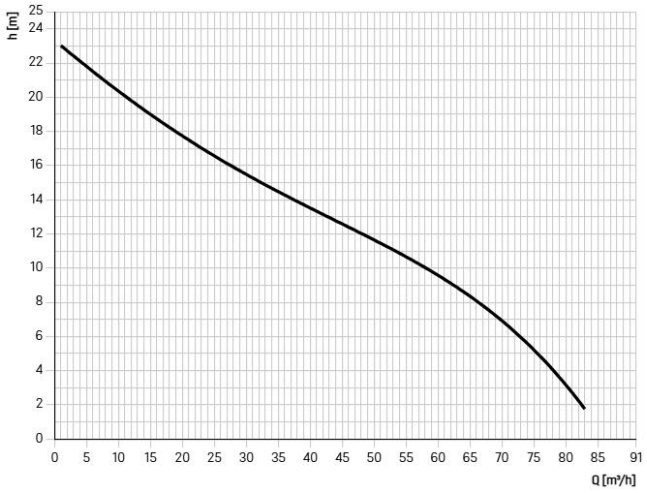
Tank/drain body

Pressure pipe connection (DN)	80
Pressure pipe connection (OD)	90 mm
Distance from centre of outlet pipe to tank bottom	1134 mm
Distance pipe bottom inlet to tank bottom	1054 mm
Distance from centre of inlet pipe to tank bottom	1134 mm
Distance from inlet pipe invert to top of tank	330 mm
Inlet max. scoring (DN)	150
Inlet nominal size (OD)	160 mm
Inlet nominal size (DN)	150
Number of inlets	1
Clear width of tank (LW)	1000 mm
Pumping volume	340 l

Pumping device

Pump	GTK 3700
Number of pumps	2
Weight, pump	45 kg
Connection type	Direct connection
Operating voltage	400 V
Protection class	I
Insulation class	H
Cos phi - power factor	0.8
Protection class (pump)	IP 68 (20m)
Temperature monitoring	integrated
Max. temperature (permanent) of conveyed material	40 °C
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 pump connection cable	H07RN-F 7G 1.5 mm²
Impeller type	Single-vane impeller
Length of mains cable for pump	10 m
Rated current	6,5| A

Pumping capacity



Control

Control unit	Comfort
Operating voltage	400 V
Rated current (max.)	|
Protection class control unit	IP 54
Self-diagnosis system (SDS)	yes
Battery buffering	yes
Multi-line display	yes
Log book function	yes
Potential-free contact	yes
Alarm sensor	Level sensor
Level measurement instrument	Level sensor
Type of level measurement	hydrostatic
Connection type	Direct connection
Length of mains cable for control unit	0 m
GSM interface	yes
Motor protection switch	yes