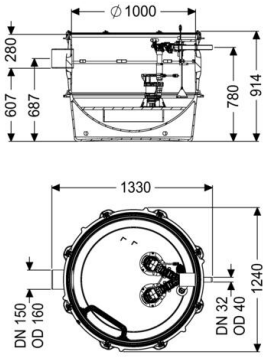
Data sheet

Pumping station Aquapump XL Duo, GTF 600-S1, Subm. pressure switch



Article information

article number: 8743007
EAN code: 4026092075630
Price group: 60

Product advantages

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

Description

The pumping station without sewage wastewater 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.

General features

Colour	black
Standard	EN 12050-2
Type of wastewater	without sewage
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	without shut-off valve
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	97 kg
Gross weight	120 kg
Groundwater resistant from lower edge of base section	3000 mm
Length	1330 mm
Width	1240 mm
Height	914 mm
Packaging dimension: length	1300 mm
Packaging dimension: width	1300 mm
Packaging dimension: height	1050 mm

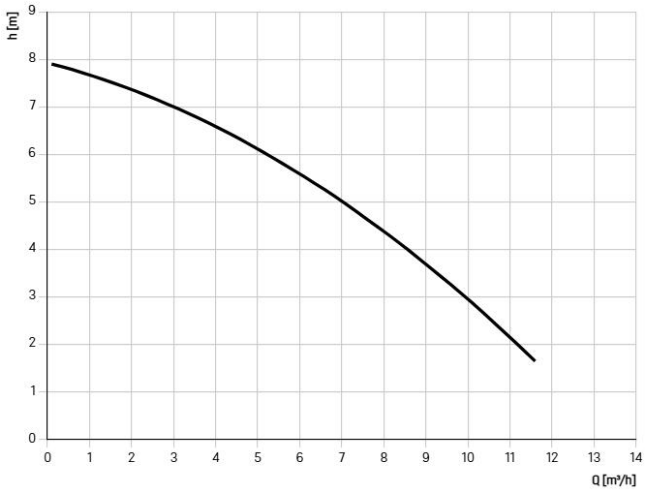
Tank/drain body

Pressure pipe connection (DN)	32
Pressure pipe connection (OD)	40 mm
Distance from centre of outlet pipe to tank bottom	780 mm
Distance pipe bottom inlet to tank bottom	607 mm
Distance from centre of inlet pipe to tank bottom	687 mm
Distance from inlet pipe invert to top of tank	281 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	90 l

Pumping device

Pump	GTF 600
Number of pumps	2
Weight, pump	6 kg
Connection type	coded plug
Operating voltage	230 V
Protection class	I
Insulation class	F
Cos phi - power factor	0.91
Protection class (pump)	IP 68 (3m)
Temperature monitoring	integrated
Max. temperature (permanent) of conveyed material	40 °C
Max. pumping capacity	12 m³/h
Max. pumping height	8 m
Speed	2800 U/min
Power P1	0.65 kW
Power P2	0.4 kW
Operating mode	S1
Type of pump connection cable	H07RN-F 3G 1.5 mm²
Impeller type	Multi-vane impeller
Length of mains cable for pump	10 m
Rated current	2,9| A

Pumping capacity



Control

Control unit	Comfort
Alarm sensor	optical probe
Level measurement instrument	Submersible pressure switch
Type of level measurement	pneumatic
Protection class control unit	IP 54
Mains frequency	50 Hz
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 (control unit)	C 16 A
Rated current	|