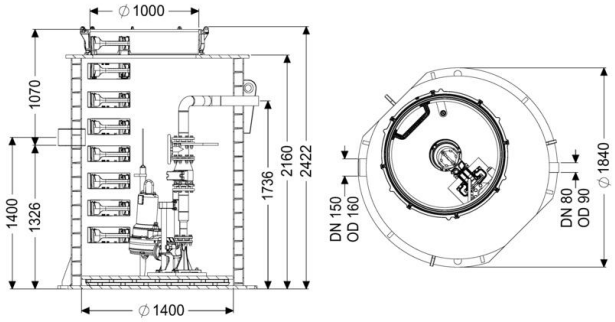
Data sheet

Pumping station Aquapump XXL Tronic, STZ 11000-S1



Article information
article number: 8743038
EAN code: 4026092078068
Price group: 60

Product advantages
- Maximum safety
- Flexible installation
- Also handles large quantities of wastewater without sewage

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 12050-1
Type of wastewater	with 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	Tronic

Version

Note on installation depth	in combination with a chamber module
Type of system	Single unit
Shut-off valve	Shut-off valve made of cast iron
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
Chamber system	Twin walled re-enforced pipe chamber

Dimensions

Net weight	671.7 kg
Gross weight	739.7 kg
Groundwater resistant from lower edge of base section	3000 mm
Length	1880 mm
Width	1880 mm
Height	2440 mm
Packaging dimension: length	3400 mm
Packaging dimension: width	1800 mm
Packaging dimension: height	1760 mm

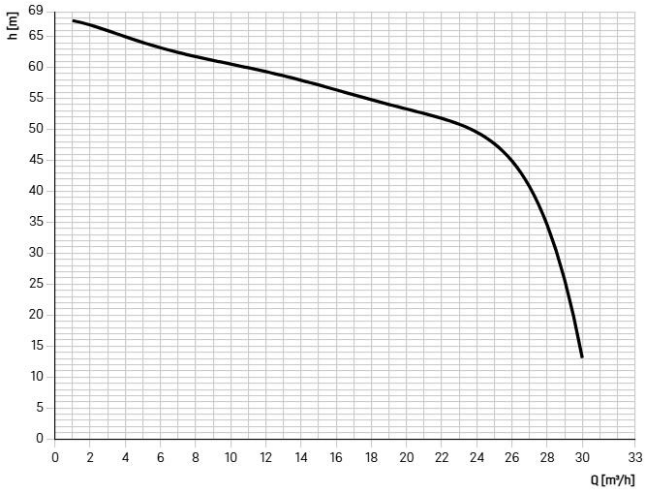
Tank/drain body

Pressure pipe connection (DN)	80
Pressure pipe connection (OD)	90 mm
Distance from centre of outlet pipe to tank bottom	1735 mm
Distance pipe bottom inlet to tank bottom	1320 mm
Distance from centre of inlet pipe to tank bottom	1400 mm
Distance from inlet pipe invert to top of tank	1090 mm
Inlet nominal size (OD)	160 mm
Inlet nominal size (DN)	150
Number of inlets	1
Clear width of tank (LW)	1600 mm
Clear width of entry (LW)	1000 mm
Pumping volume	820 l

Pumping device

Pump	STZ 11000
Number of pumps	1
Weight, pump	107 kg
Connection type	Direct connection
Operating voltage	400 V
Protection class	I
Insulation class	H
Cos phi - power factor	0.89
Protection class (pump)	IP 68 (20m)
Temperature monitoring	integrated
Max. temperature (permanent) of conveyed material	40 °C
Max. pumping capacity	30.6 m³/h
Max. pumping height	68 m
Speed	2900 U/min
Power P1	11 kW
Power P2	9.5 kW
Operating mode	S1
Type of pump connection cable	H07RN8-F PLU 10G 1.5 mm²
Impeller type	Macerator
Length of mains cable for pump	10 m
Rated current	18,8| A

Pumping capacity



Control

Control unit	Comfort Plus SD
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	0 m
Potential-free contact	yes
GSM interface	yes
USB interface	yes
Log book function	yes
Multi-line display	yes
Battery buffering	yes
Self-diagnosis system (SDS)	yes
Rated current	|