Pumping station Aquapump XXL Tronic STZ 4400-S1
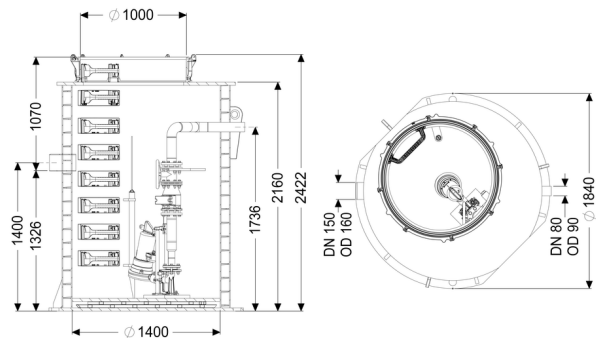

Article information

Item no.: 8743035
GTIN: 4026092078020
Price group: 60

Description

Type of wastewater:	wastewater with sewage
Installation situation:	underground installation

Version:

Type of system:	Single station
Installation:	Wet installation
Shut-off valve:	Shut-off valve made of cast iron
Pump control:	Control unit
Backflow preventer:	integrated
Access steps:	yes
Note on installation depth:	in combination with a chamber module
Passage seal for ventilation pipe (DN):	100 mm
Passage seal for conduit pipe (DN):	100 mm
Delivery state:	Pre-mounted for final assembly on site (pumps and sensor system must be fitted on site and control unit must be connected)

General characteristics:

Colour:	black
Standard:	EN 12050-1

Dimensions:

Length:	1,880 mm
Width:	1,880 mm
Height:	2,440 mm

Tank:

Number of inlets:	1 ST
Inlet nominal size (DN):	150
Inlet nominal size (OD):	160 mm
Distance pipe bottom inlet to tank bottom:	1,320 mm
Distance from centre of outlet pipe to tank bottom:	1,735 mm
Distance from centre of inlet pipe to tank bottom:	1,400 mm
Pumping volume:	820 l
Pressure pipe connection:	horizontal
Pressure pipe connection (DN):	80 mm
Pressure pipe connection (OD):	90 mm
Groundwater resistant from lower edge of base section:	3,000 mm
Clear width of tank (LW):	1,600 mm
Clear width of entry (LW):	1,000 mm
Chamber system:	Twin walled re-enforced pipe chamber

Pumping device:

Pump:	STZ 4400
Number of pumps:	1
Max. pumping capacity:	21.3 m3/h
Max. pumping height:	46.7 m
Operating mode:	S1
Power P1:	4.4 kW
Power P2:	3.7 kW
Speed:	2,840 U/min
Max. temperature (permanent) of conveyed material:	40 °C
Connection type:	Direct connection
Weight:	56 kg
Impeller type:	Macerator
Length of mains cable for pump:	10 m
Rated current:	7.5 A
Protection class (pump):	IP 68 (20m)
Protection class:	I
Type of pump connection cable:	H07RN8-F PLU 7G 1.5 mm2
Temperature monitoring:	integrated
Cos phi - power factor:	0.89

Insulation class: H

Control:

Control unit: Comfort Plus
Operating voltage: 400 V
Mains frequency: 50 Hz
Self-diagnosis system (SDS):   yes
Battery buffering: yes
Multi-line display: yes
Log book function: yes
USB interface: yes
GSM interface: yes
Potential-free contact: yes
Type of fuse required (electrical protection):   3 x C 20 A
Motor protection switch: yes
Protection class control unit: IP 54
Length of mains cable for control unit: 0 m
Type of level measurement: hydrostatic
Level measurement instrument: Level sensor
Alarm sensor: Level sensor