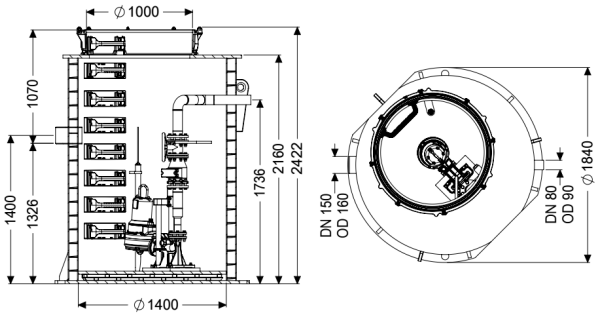
# Aquapump XXL Tronic STZ7500-S1






## Article information

Item no.: 8743037
GTIN: 4026092078051
Price group: 60

## Description

The pumping station approval for wastewater with and without sewage is equipped with one or two submersible pumps, backflow preventer and shut-off valve for the pressure pipe. The collection tank made of permanently resistant polymer (PE) has an open pump tank (wet installation) with universal connection options. The KESSEL modular system provides different engineering chamber options as accessories for the further layout. Stainless steel pump removal chain available as accessory. Art. no. 680 528 = length 2 m 680 529 = length 3 m 680 530 = length 4 m 680 531 = length 5 m

| Variant | |
|---|---|
| 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 |
| Rim width: | Control unit |
| Backwater protection: | integrated |
| Pressure pipe connection: | horizontal |
| Sound absorption mat: | Twin walled re-enforced pipe chamber |

| General characteristics | |
|---|---|
| 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 |

| Dimensions | |
|---|---|
| Net weight: | 668,7 kg |
| Gross weight: | 736,7 kg |
| Groundwater resistant from lower edge of base section: | 3000 mm |
| Width: | 1880 mm |
| Height: | 2440 mm |
| Length: | 1880 mm |
| Packaging dimension: | width |
| Packaging dimension: | height |
| Packaging dimension: | length |

| 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 (DN): | 160 mm |
| Inlet nominal size (DN): | 150 |
| Inlet type: | 1 |
| Clear width of tank (LW): | 1600 mm |
| Clear width of entry (LW): | 1000 mm |
| Pumping volume: | 820 l |

| Pumping device | |
|---|---|
| Pump control: | STZ 7500 |
| Number of pumps: | 1 |
| Weight: | 104 kg |
| Connection type: | Direct connection |
| Rated current: | 13 A |
| Length of mains cable for pump: | 10 m |
| Self-diagnosis system (SDS): | I |
| Insulation class: | H |
| Cos phi - power factor: | 0,88 |
| Protection class control unit: | IP 68 (20m) |
| DSC: | integrated |
| Max. temperature (permanent) of conveyed material: | 40 °C |
| Max. pumping capacity: | 30,7 $m^3/h$ |

| | |
|---|---|
| Max. pumping height: | 42 m |
| Speed: | 2900 U/min |
| Power P1: | 7,5 kW |
| Power P2: | 6,4 kW |
| Operating mode: | S1 |
| Type of pump connection cable: | H07RN8-F PLU 10G 1.5 mm² |
| Impeller type: | Macerator |

| Control | |
|---|---|
| Motor protection switch: | yes |
| 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: | Direct connection |
| 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 |
| Max. permissible switching frequency: | Comfort Plus SD |