

Pumping station Aquapump Medium Mono, STZ 1000, 1300-1750 mm, D



Article information

Item no.: 827720D
 GTIN: 4026092052075
 Price group: 60

Advantages

- height-adjustable upper section
- Preconfigured in the factory
- LW 600 chamber system suitable for underground installation

Description

The pumping station with sewage wastewater is suitable for underground installation and is equipped with a non-return flap for the pressure pipe. The PE-LLD tank is resistant to aggressive media and can be delivered with load class A, B or D covers. The pump with macerator ensures maximum operating reliability. The components are pre-assembled for final assembly on site. Including openings for ventilation and cable duct.

Variant

| | |
|---|------------------|
| Type of system: | Single unit |
| Passage seal for conduit pipe (DN): | 100 |
| Access steps: | no |
| Passage seal for ventilation pipe (DN): | 100 |
| Installation: | Wet installation |
| Rim width: | Float switch |
| Backwater protection: | integrated |
| Pressure pipe connection: | horizontal |
| Sound absorption mat: | LW 600 |

General characteristics

| | |
|-------------------------|--|
| Standard: | EN 12050-1 |
| Type of wastewater: | for wastewater with and without sewage |
| Installation situation: | underground installation |
| System type: | Mono |

Dimensions

| | |
|--|---------|
| Net weight: | 159 kg |
| Gross weight: | 171 kg |
| Groundwater resistant from lower edge of base section: | 2500 mm |

| | |
|---|---------------------------------|
| Diameter: | 809 mm |
| Clear width (LW): | 600 mm |
| Installation depth: | 1300 - 1750 mm |
| Length: | 1000 mm |
| Width: | 806 mm |
| Packaging dimension: | length |
| Packaging dimension: | width |
| Packaging dimension: | height |
| | |
| Tank/drain body | |
| Pressure pipe connection (DN): | 32 |
| Pressure pipe connection (OD): | 40 mm |
| Connection conduit pipe (DN): | 100 |
| Venting connection (DN): | 100 |
| Distance from centre of outlet pipe to tank bottom: | 894 mm |
| Distance pipe bottom inlet to tank bottom: | 400 mm |
| Distance from centre of inlet pipe to tank bottom: | 475 mm |
| Inlet nominal size (DN): | 150 mm |
| Inlet type: | 1 |
| Clear width of tank (LW): | 600 mm |
| Pumping volume: | 30 l |
| | |
| Coverage features | |
| Type of cover: | Round cover plate |
| Cover material: | Grey iron with concrete filling |
| Load class: | D 400 (EN 124) |
| | |
| Pumping device | |
| Pump control: | STZ 1000 |
| Number of pumps: | 1 |
| Weight: | 10 kg |
| Connection type: | Schuko (earthed contact) 2-pin |
| Rated current: | 5,2 A |
| Length of mains cable for pump: | 10 m |
| Self-diagnosis system (SDS): | I |
| Insulation class: | F |
| Protection class control unit: | IP 68 (3m) |
| Max. temperature (permanent) of conveyed material: | 40 °C |
| Max. pumping capacity: | 11,5 m³/h |
| Max. pumping height: | 10 m |
| Speed: | 2800 U/min |
| Power P1: | 1,2 kW |
| Power P2: | 0,69 kW |
| Operating mode: | S3 - 50 % |
| Type of fuse required (electrical protection): | C 16 A |
| Impeller type: | Macerator |

| | |
|-------------------------------|--------------------------------|
| Control | |
| Motor protection switch: | yes |
| Alarm sensor: | optical probe |
| Level measurement instrument: | Float switch |
| Type of level measurement: | mechanical |
| Mains frequency: | 50 Hz |
| Operating voltage: | 230 V |
| Connection type: | Schuko (earthed contact) 2-pin |
| Rated current: | 5,2 A |