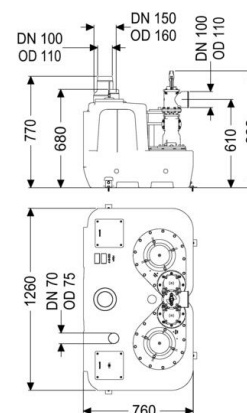


Data sheet

## Lifting station Aqualift XL 300l Duo, SPF 1400-S1, shut-off valve



### Article information

article number: 11091  
EAN code: 4026092057582  
Price group: 50

### Product advantages

- Different performance classes available
- Pressure sensor for reliable pneumatic level measurement
- Maximum operating reliability due to intelligent control unit

### Description

The lifting station for faecal and faecal-free wastewater is equipped with one or two submersible pumps and a backflow preventer. The collection tank made of permanently resistant polymer (PE) offers universal connection options and has a screwed access cover.

### General features

|                        |                                                                                        |
|------------------------|----------------------------------------------------------------------------------------|
| Colour                 | black                                                                                  |
| Standard               | EN 12050-1                                                                             |
| Type of wastewater     | with sewage                                                                            |
| Installation situation | free-standing installation                                                             |
| Delivery state         | Installation-ready (electrical components, connection parts must be connected on site) |
| System type            | Duo                                                                                    |

### Version

|                                           |                                |
|-------------------------------------------|--------------------------------|
| Type of system                            | duo pump                       |
| Shut-off valve                            | Shut-off valve made of polymer |
| Retaining bracket for the lift protection | yes                            |
| Sound absorption mat                      | yes                            |
| Pump control                              | Control unit                   |
| Backflow preventer                        | integrated                     |
| Pressure pipe connection                  | horizontal                     |

### Dimensions

|                             |         |
|-----------------------------|---------|
| Net weight                  | 126 kg  |
| Gross weight                | 146 kg  |
| Length                      | 1260 mm |
| Width                       | 760 mm  |
| Height                      | 806 mm  |
| Packaging dimension: length | 1650 mm |
| Packaging dimension: width  | 1150 mm |
| Packaging dimension: height | 890 mm  |

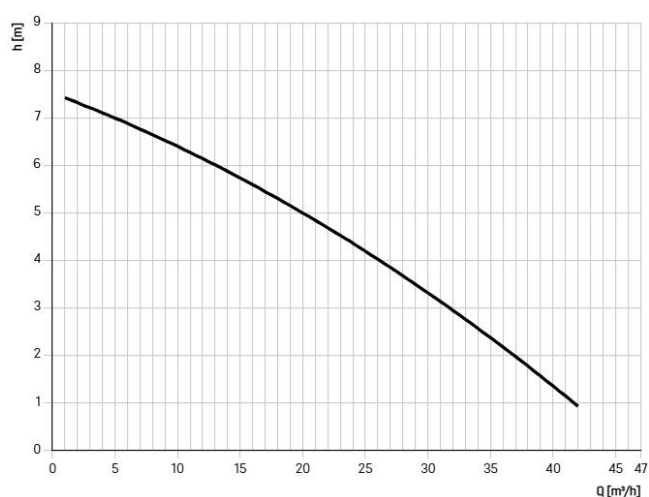
### Tank/drain body

|                                                    |          |
|----------------------------------------------------|----------|
| Pressure pipe connection (DN)                      | 100      |
| Pressure pipe connection (OD)                      | 110 mm   |
| Connection for manual diaphragm pump (DN)          | 32       |
| Venting connection (DN)                            | 70       |
| Distance from centre of outlet pipe to tank bottom | 609 mm   |
| Inlet max. scoring (DN)                            | 200      |
| Inlet nominal size (OD)                            | 110 mm   |
| Inlet nominal size (DN)                            | 100      |
| Number of inlets                                   | 1        |
| Pumping volume                                     | 175 l    |
| Tank volume                                        | 300.00 l |

### Pumping device

|                                                   |                     |
|---------------------------------------------------|---------------------|
| Pump                                              | SPF 1400-S1         |
| Number of pumps                                   | 2                   |
| Weight, pump                                      | 28 kg               |
| Connection type                                   | coded plug          |
| Protection class                                  | I                   |
| Insulation class                                  | F                   |
| Cos phi - power factor                            | 0.99                |
| Protection class (pump)                           | IP 68 (3m/48h)      |
| Temperature monitoring                            | integrated          |
| Max. temperature (permanent) of conveyed material | 40 °C               |
| Max. pumping capacity                             | 38 m³/h             |
| Max. pumping height                               | 7 m                 |
| Speed                                             | 1420 U/min          |
| Power P1                                          | 1.6 kW              |
| Power P2                                          | 1.1 kW              |
| Operating mode                                    | S1                  |
| Type of pump connection cable                     | H07RN-F 3G 1.5 mm²  |
| Impeller type                                     | Multi-vane impeller |
| Free passage                                      | 40 mm               |
| Length of mains cable for pump                    | 5 m                 |
| Rated current                                     | 7,3 A               |

### Pumping capacity



### Control

|                                        |                |
|----------------------------------------|----------------|
| Control unit                           | Comfort        |
| Operating voltage                      | 230 V          |
| Rated current (max.)                   |                |
| Protection class control unit          | IP 54          |
| Self-diagnosis system (SDS)            | yes            |
| Battery buffering                      | yes            |
| Multi-line display                     | yes            |
| Log book function                      | yes            |
| Potential-free contact                 | optional       |
| Alarm sensor                           | Immersion pipe |
| Level measurement instrument           | Immersion pipe |
| Type of level measurement              | pneumatic      |
| USB interface                          | yes            |
| Connection type                        | coded plug     |
| Length of mains cable for control unit | 1.4 m          |
| GSM interface                          | yes            |