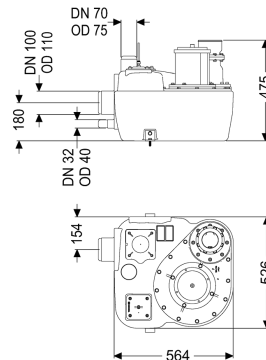
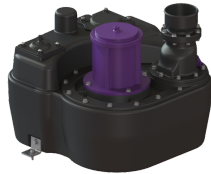


## Lifting station Aqualift F Mono, Standard, SPF 1500-S3



### Article information

Item no.: 28645  
 GTIN: 4026092005521  
 Price group: 20

### Advantages

- Different performance classes available
- Pressure sensor for reliable pneumatic level measurement
- Including sound absorption mat

### Description

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

#### Variant

|  |                        |
|--|------------------------|
| Type of system:                            | Single unit            |
| Shut-off valve:                            | without shut-off valve |
| Retaining bracket for the lift protection: | yes                    |
| Sound absorption mat:                      | yes                    |
| Pump control:                              | Control unit           |
| Backflow preventer:                        | integrated             |
| Pressure pipe connection:                  | vertical               |

#### General characteristics

|                         |  |
|-------------------------|--|
| 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:            | Mono   |

#### Dimensions

|  |                                |
|--|--------------------------------|
| Net weight:  | 48,2 kg                        |
| Gross weight:                                      | 48,2 kg                        |
| Length:  | 564 mm                         |
| Width:   | 525 mm                         |
| Height:  | 539 mm                         |
| Packaging dimension:                               | length                         |
| Packaging dimension:                               | width                          |
| Packaging dimension:                               | height                         |
| 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 pipe bottom inlet to tank bottom:         | 125 mm                         |
| Distance from centre of inlet pipe to tank bottom: | 180 mm                         |
| Inlet max. scoring (DN):                           | 150 mm                         |
| Inlet nominal size (OD):                           | 110 mm                         |
| Inlet nominal size (DN):                           | 100 mm                         |
| Number of inlets:                                  | 1                              |
| Pumping volume:                                    | 20 l                           |
| Tank volume:                                       | 50 l                           |
| Pumping device                                     |                                |
| Pump:  | SPF 1500-S3                    |
| Number of pumps:                                   | 1                              |
| Weight, pump:                                      | 24 kg                          |
| Connection type:                                   | Direct connection              |
| Rated current:                                     | 2,7 A                          |
| Protection class:                                  | I                              |
| Insulation class:                                  | F                              |
| Cos phi - power factor:                            | 0,77                           |
| Protection class (pump):                           | IP 68 (3m/48h)                 |
| Temperature monitoring:                            | integrated                     |
| Max. temperature (permanent) of conveyed material: | 40 °C                          |
| Max. pumping capacity:                             | 40 m <sup>3</sup> /h           |
| Max. pumping height:                               | 8 m                            |
| Speed:   | 1415 U/min                     |
| Power P1:  | 1,4 kW                         |
| Power P2:  | 1,1 kW                         |
| Operating mode:                                    | S3 - 50 %                      |
| Type of pump connection cable:                     | H07RN-F 7G 1.5 mm <sup>2</sup> |
| Impeller type:                                     | Multi-vane impeller            |
| Free passage:                                      | 40 mm                          |
| Length of mains cable for pump:                    | 5 m                            |
| Control  |                                |
| Control unit:                                      | Standard                       |

|                                |                   |
|--------------------------------|-------------------|
| Motor protection switch:       | yes               |
| Alarm sensor:                  | Immersion pipe    |
| Level measurement instrument:  | Immersion pipe    |
| Type of level measurement:     | pneumatic         |
| Protection class control unit: | IP 54             |
| Operating voltage:             | 400 V             |
| Connection type:               | Direct connection |
| Potential-free contact:        | yes               |
| Log book function:             | yes               |
| Multi-line display:            | no                |
| Battery buffering:             | yes               |
| Self-diagnosis system (SDS):   | yes               |