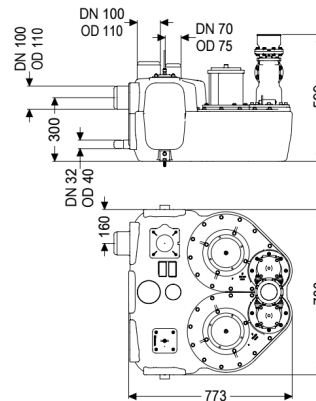


## Lifting station Aqualift F Mono Comfort, SPF 3000-S3



### Article information

Item no.: 28765  
 GTIN: 4026092054567  
 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 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.

#### Variant

Type of system:	Double plant
Shut-off valve:	without shut-off valve
Retaining bracket for the lift protection:	yes
Tested sound insulation as per test report:	yes
Rim width:	Control unit
Backwater protection:	integrated
Pressure pipe connection:	vertical
<b>General characteristics</b>	
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)

#### Dimensions

Net weight:	78 kg
Gross weight:	100 kg
Width:	780 mm
Height:	539 mm
Length:	773 mm
Packaging dimension:	width
Packaging dimension:	height
Packaging dimension:	length

#### 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:	245 mm
Distance from centre of inlet pipe to tank bottom:	300 mm
Number of inlets:	150 mm
Inlet nominal size (DN):	110 mm
Inlet nominal size (DN):	100
Inlet type:	2
Pumping volume:	50 l
Tank volume:	120 l

#### Pumping device

Pump control:	SPF 3000
Number of pumps:	2
Weight:	24 kg
Connection type:	Direct connection
Rated current:	5,4 A
Length of mains cable for pump:	5 m
Self-diagnosis system (SDS):	I
Insulation class:	F
Cos phi - power factor:	0,89
Protection class control unit:	IP 68 (3m/48h)
DSC:	integrated
Max. temperature (permanent) of conveyed material:	40 °C
Max. pumping capacity:	47 m <sup>3</sup> /h
Max. pumping height:	16 m
Speed:	2845 U/min
Power P1:	3,2 kW
Power P2:	2,7 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

#### Control

Motor protection switch:	yes
Alarm sensor:	Immersion pipe
Level measurement instrument:	Immersion pipe with pressure monitor
Type of level measurement:	pneumatic
Protection class probe:	IP 54
Mains frequency:	50 Hz
Operating voltage:	400 V
Connection type:	Direct connection
Potential-free contact:	yes
GSM interface:	yes
Log book function:	yes
Multi-line display:	yes
Battery buffering:	yes
Self-diagnosis system (SDS):	yes
Max. permissible switching frequency:	Comfort