

Lifting station Aqualift F Mono, Comfort, SPF 3000-S3, shut-off val



Article information

Item no.: 28754
 GTIN: 4026092054543
 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:	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

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
ATEX:	no

Dimensions

Net weight:	49,16 kg
Gross weight:	50,45 kg
Length:	564 mm
Width:	525 mm
Height:	664 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 from centre of outlet pipe to tank bottom:	466 mm
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 3000
Number of pumps:	1
Weight, pump:	24 kg
Connection type:	Direct connection
Rated current:	5,4 A
Length of mains cable for pump:	5 m
Protection class:	I
Insulation class:	F
Cos phi - power factor:	0,89
Protection class (pump):	IP 68 (3m/48h)
Temperature monitoring:	integrated
Max. temperature (permanent) of conveyed material:	40 °C
Max. pumping capacity:	47 m ³ /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 ²
Impeller type:	Multi-vane impeller
Free passage:	40 mm

Control	
Control unit:	Comfort
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
GSM interface:	yes
Log book function:	yes
Multi-line display:	yes
Battery buffering:	yes
Self-diagnosis system (SDS):	yes
Rated current:	5,4 A