



## The smallest and lightest single pump lifting unit for detached and semi-detached homes.



The compact Wilo-DrainLift SANI-S single faeces lifting unit is the smallest and lightest lifting unit according to EN 12050-1 (without macerator) and is therefore ideal for use in detached and semi-detached houses. Thanks to its large pump volume, the freely selectable inlets and the optional version for particularly aggressive fluids, the Wilo-DrainLift SANI-S can be used flexibly and is easy to install. Maintenance is made particularly easy by the user-friendly construction. Space-saving compact design and lowest-possible weight make installation and transport easy

### Recommended services



Commissioning



Wilo-Live Assistant



Maintenance

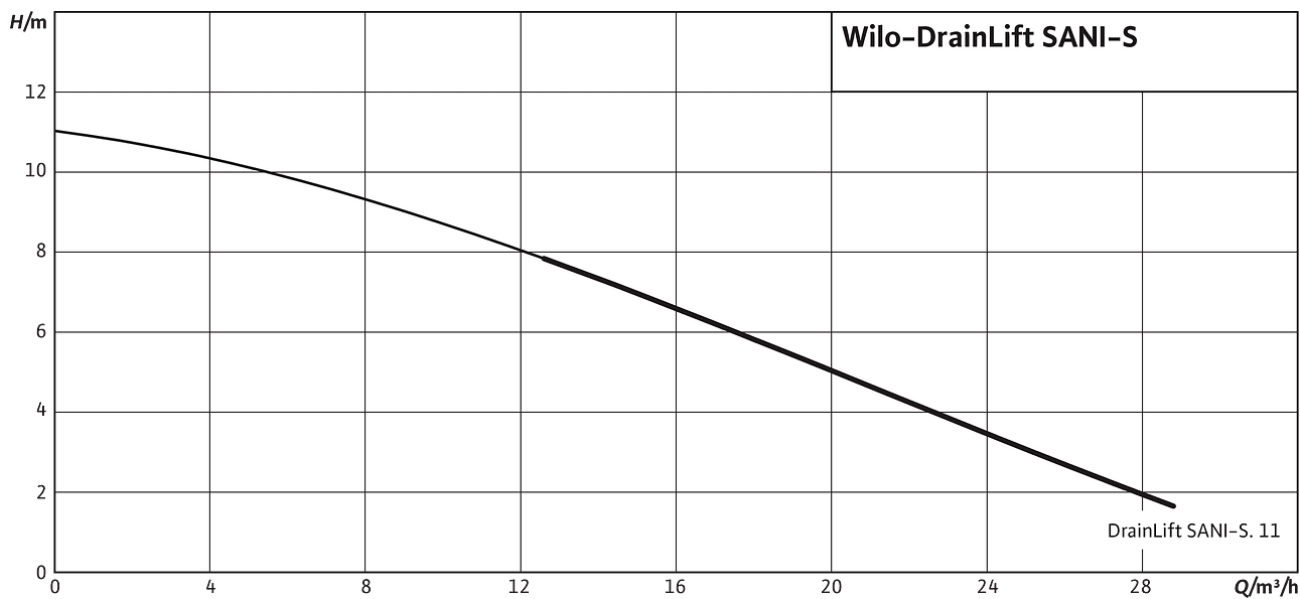
### Your advantages

- > Very easy to install and transport due to space-saving compact construction and very light weight
- > Operational reliability provided by the large switching volume, thermal motor protection and mains-independent alarm
- > Corrosion-free design with engineering plastics and stainless steel guarantees high reliability
- > Freely selectable connections for maximum installation flexibility
- > Transparent reservoir cover and cleaning opening in the non-return valve ensure easy maintenance
- > Optional Wilo-SmartHome connection for instantaneous notification directly to your mobile phone



**Product features**

- 1 Tank cover with viewing panel for visual inspection
- 2 Tank venting DN 50
- 3 Freely selectable inlet areas DN 100 – DN 150
- 4 Reliable stainless steel motor for S3 operation
- 5 Non-return valve in DN 80 with cleaning opening
- 6 Reliable vortex hydraulics
- 7 Compact tank with large switching volume
- 8 Connection for manual drain 50 mm



**Design**

Compact, ready for connection and fully submersible single pump lifting unit for pumping sewage containing faeces.

**Application**

Pumping of sewage containing faeces:

- > In cases where sewage cannot be led to the sewer system via a natural fall.
- > For the backflow resistant drainage in cases where the discharge point is below the backflow level.

### Equipment/function

- > Switchgear with mains-independent alarm and collective fault signal
- > Ready-to-plug
- > Tank with inspection opening and transparent cover
- > Analogue level measurement (4 ... 20 mA)
- > Non-return valve with inspection opening
- > Thermal motor monitoring with bimetallic strip

### Typekey

Example:	<b>DrainLift SANI-S.11M/3C</b>
<b>DrainLift</b>	Product family
<b>SANI</b>	Sewage lifting unit
<b>S</b>	Size
<b>11</b>	Max. delivery head Mains connection:
<b>M</b>	<ul style="list-style-type: none"> <li>&gt; M = 1~</li> <li>&gt; T = 3~</li> </ul> Version for motor and switchgear:
<b>3</b>	<ul style="list-style-type: none"> <li>&gt; 1 = operating mode: S3, switchgear: Control MS-L</li> <li>&gt; 3 = operating mode: S3, switchgear: Control EC-L</li> </ul>
<b>C</b>	Version for aggressive fluids

### Technical data

- > Mains connection: 1~230 V, 50 Hz or 3~400 V, 50 Hz
- > Operating mode: S3 10%
- > Fluid temperature: 3 ... 40 °C (37 ... 104 °F), max. 65 °C (149 °F) for 5 min
- > Max. ambient temperature: 3 ... 40 °C (37 ... 104 °F)
- > Vessel volume: 47 l (12.5 US.liq.gal.)
- > Usable volume with regard to the positive suction head\*: 25 l/6,5 US.liq.gal. (180 mm\*)/32 l/8.5 US.liq.gal. (250 mm\*)
- > Pressure connection: DN 80, PN 10
- > Inlet connection: DN 100/150
- > Ventilation connection: 50 mm (2 in)
- > Switchgear degree of protection: IP54
- > Lifting unit degree of protection: IP68 (2 mWG/7 d)

### Materials

- > Motor housing: 1.4404 (AISI 316L)
- > Hydraulics: PP-GF30
- > Impeller: PP-GF30
- > Reservoir: PE
- > Non-return valve: PPS

### Construction

Gas- and watertight collection reservoir with collecting space that slopes at an angle and inspection opening with transparent cover. The inlets are freely configurable, level measurement is performed with an analogue output signal 4 ... 20 mA. Pressure connection with attached non-return valve with inspection opening.

Drive via surface-cooled motor with thermal motor monitoring.

Pre-installed switchgear for automatic operation:

#### Wilo-Control MS-L

- > Collective fault signal with potential-free contact
- > Integrated and mains-independent alarm
- > Adjustable follow-up time
- > 1.5 m connection cable with attached plug

#### Wilo-Control EC-L

- > Operation via display and icon-based, alphanumeric menu
- > Collective fault signal with potential-free contact
- > Individual fault signal with potential-free contact
- > ModBus interface
- > Integrated and mains-independent alarm
- > Adjustable follow-up time
- > 1.5 m connection cable with attached plug

### Delivery state

- > Lifting unit with switchgear and connection cable with plug
- > Flange connector DN 80/100
- > Collar DN 100 for pressure connection
- > HT double socket 50 mm (2 in) for ventilation connection
- > HT double socket DN 50 for evacuation connection
- > Inlet set with hole saw 124 mm (5 in) and gasket DN 100
- > Floor fixation
- > Insulation mat
- > 9 V rechargeable battery
- > Installation and operating instructions

**Product list**

Product description	Operating mode (non-immersed)	Mains plug	Mains connection	Article number
DrainLift SANI-S.11M/1	S2-15 min	CEE7/7 (Schuko)	1~230 V, 50 Hz	2549900
DrainLift SANI-S.11M/3C	S2-15 min	CEE7/7 (Schuko)	1~230 V, 50 Hz	2549917
DrainLift SANI-S.11T/1	S2-15 min	CEE 16A, 3P+N+PE, 6h	3~400 V, 50 Hz	2549901
DrainLift SANI-S.11T/3C	S2-15 min	CEE 16A, 3P+N+PE, 6h	3~400 V, 50 Hz	2549918

## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	1 bar
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	40 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	40 °C
Max. fluid temperature, for short periods up to 5 min $T$	65 °C
Sound-pressure level	70 dB
Switching volume $V$	25 l
Useable volume at 180 mm inlet height $V$	25 l
Useable volume at 250 mm inlet height $V$	32 l

### Motor data

Mains connection	1~230 V, 50 Hz
Rated current $I_N$	5.4 A
Phase	1
Rated speed $n$	2829 1/min
Number of poles	2
Activation type	Direct online (DOL)
Max. switching frequency $t$	60 1/h
Power consumption $P_1(Q=max.)$ of selected impeller * number of pumps $P_1$	1070 W
Operating mode (non-immersed)	S2-15 min
Insulation class	F
Protection class	IP68

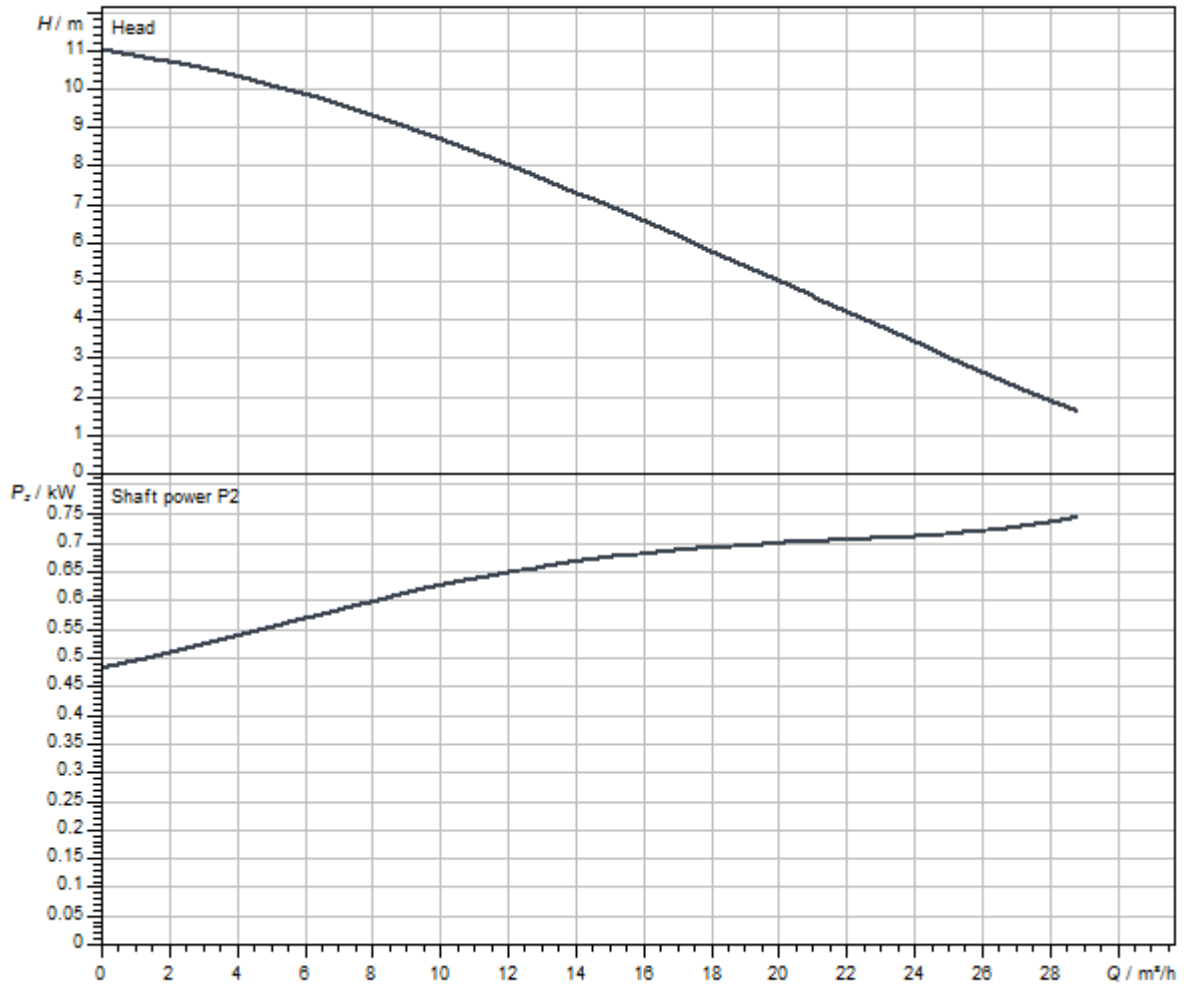
### Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Shaft	Stainless steel
Motor housing	Stainless steel

### Installation dimensions

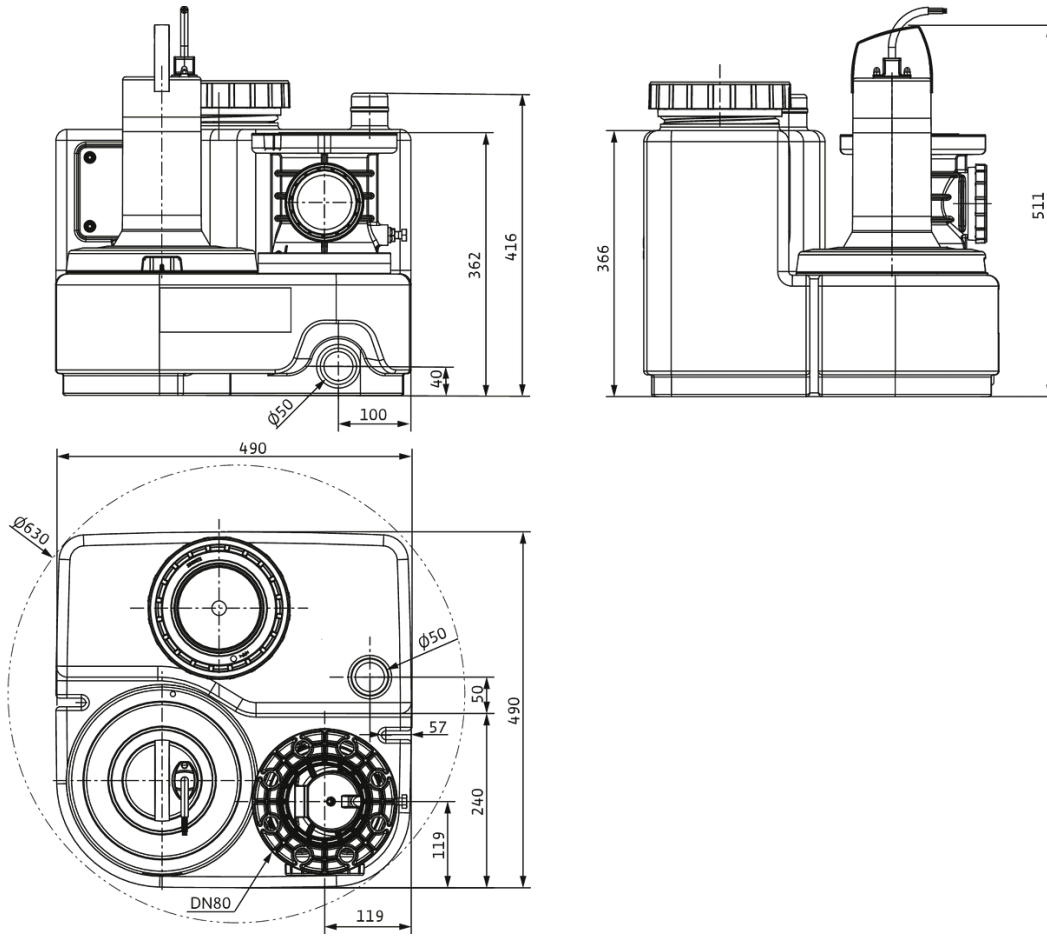
Pipe connection on the suction side $DN_s$	-
Pipe connection on the discharge side $DN_d$	DN 80

Pump curves

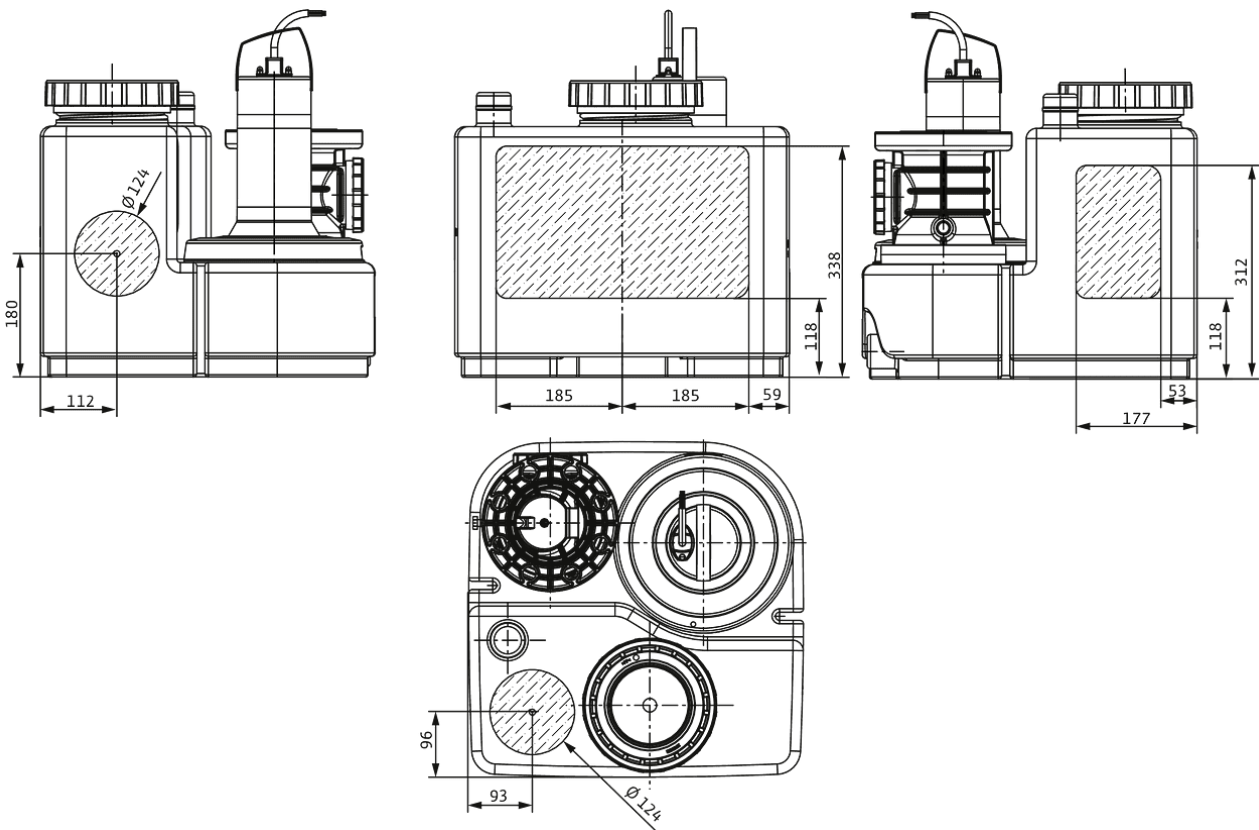


Dimensions and dimensions drawings

DrainLift SANI-S



DrainLift SANI-S - inlet areas



Ordering information

Product data

Brand	Wilo
Product description	DrainLift SANI-S.11M/1
Article number	2549900
EAN number	4062679006543
Colour	green/black
Minimum order quantity	1
Date of sales availability	2020-07-06

Dimension, weight

Length with packaging	510 mm
Length <i>L</i>	490 mm
Height with packaging	600 mm
Height <i>H</i>	511 mm
Width with packaging	510 mm
Width <i>W</i>	490 mm
Gross weight, approx. <i>m</i>	35.5 kg
Net weight, approx. <i>m</i>	27 kg

Packaging

Number per layer	1
Packaging property	Transport packaging
Packaging type	Cardboard box
Pieces per pallet	1



**Tender text**

Compact, ready for connection and fully submersible single pump lifting unit for pumping sewage containing faeces.

Gas- and watertight collection reservoir with collecting space that slopes at an angle and inspection opening with transparent cover. The inlets are freely configurable, level measurement is performed with an analogue output signal 4...20 mA. Pressure connection with attached non-return valve with inspection opening.

Drive via surface-cooled motor with thermal motor monitoring.

Pre-installed switchgear for automatic operation:

- > Collective fault signal with potential-free contact
- > Integrated and mains-independent alarm
- > Adjustable follow-up time

- > 1.5 m connection cable with attached plug
- > Lifting unit with switchgear and connection cable with plug
- > Flange connector DN 80/100
- > Collar DN 100 for pressure connection
- > Collar 50 mm for ventilation connection
- > Collar DN 50 for evacuation connection
- > Inlet set with hole saw 124 mm and gasket DN 100
- > Fixation material
- > Insulation mat
- > 9 V rechargeable battery
- > Operating and maintenance manual

**Approved field of application**

Fluid temperature <i>T</i>	3 °C
Max. fluid temperature, for short periods up to 5 min <i>T</i>	65 °C
Ambient temperature <i>T</i>	3 °C
Maximum operating pressure <i>P<sub>N</sub></i>	1 bar
Max. permissible pressure in the pressure pipe <i>P</i>	1.5 bar

**Product data**

Gross volume of the tank <i>V</i>	46 l
Useable volume at 180 mm inlet height <i>V</i>	25 l
Useable volume at 250 mm inlet height <i>V</i>	32 l
Sound-pressure level	70 dB
Operating mode (non-immersed)	S2-15 min
Height <i>H</i>	511 mm
Length <i>L</i>	490 mm
Width <i>W</i>	490 mm
Diagonal dimension <i>Diagonal axis</i>	630 mm
Free ball passage of the hydraulics	44 mm

**Motor data**

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Rated power <i>P<sub>2</sub></i>	0.75 kW
Rated speed <i>n</i>	2829 1/min
Rated current <i>I<sub>N</sub></i>	5.4 A
Insulation class	F
Protection class motor	IP68
Activation type	Direct online (DOL)
Max. switching frequency <i>t</i>	60 1/h
Motor protection	Bimetall

**Cable**

Connection cable length	4 m
Cable type	H07RN-F
Cable cross-section	3G1 mm <sup>2</sup>
Mains plug	CEE7/7 (Schuko)

**Materials**

<b>Tank</b>	PE
<b>Pump housing</b>	PP-GF30
<b>Impeller</b>	PP-GF30
<b>Shaft</b>	Stainless steel
<b>Gasket material</b>	NBR
<b>Motor housing</b>	Stainless steel

**Installation dimensions**

<b>Pipe connection on the suction side</b>	DN 100
<b>Pipe connection on the discharge side</b>	DN 80
<b>Connection venting</b>	Ø 50

**Ordering information**

<b>Brand</b>	Wilo
<b>Product description</b>	DrainLift SANI-S.11M/1
<b>Net weight, approx. <i>m</i></b>	27 kg
<b>Article number</b>	2549900

## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	1 bar
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	40 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	40 °C
Max. fluid temperature, for short periods up to 5 min $T$	65 °C
Sound-pressure level	70 dB
Switching volume $V$	25 l
Useable volume at 180 mm inlet height $V$	25 l
Useable volume at 250 mm inlet height $V$	32 l

### Motor data

Mains connection	1~230 V, 50 Hz
Rated current $I_N$	5.4 A
Phase	1
Rated speed $n$	2829 1/min
Number of poles	2
Activation type	Direct online (DOL)
Max. switching frequency $t$	60 1/h
Power consumption $P_1(Q=max.)$ of selected impeller * number of pumps $P_1$	1070 W
Operating mode (non-immersed)	S2-15 min
Insulation class	F
Protection class	IP68

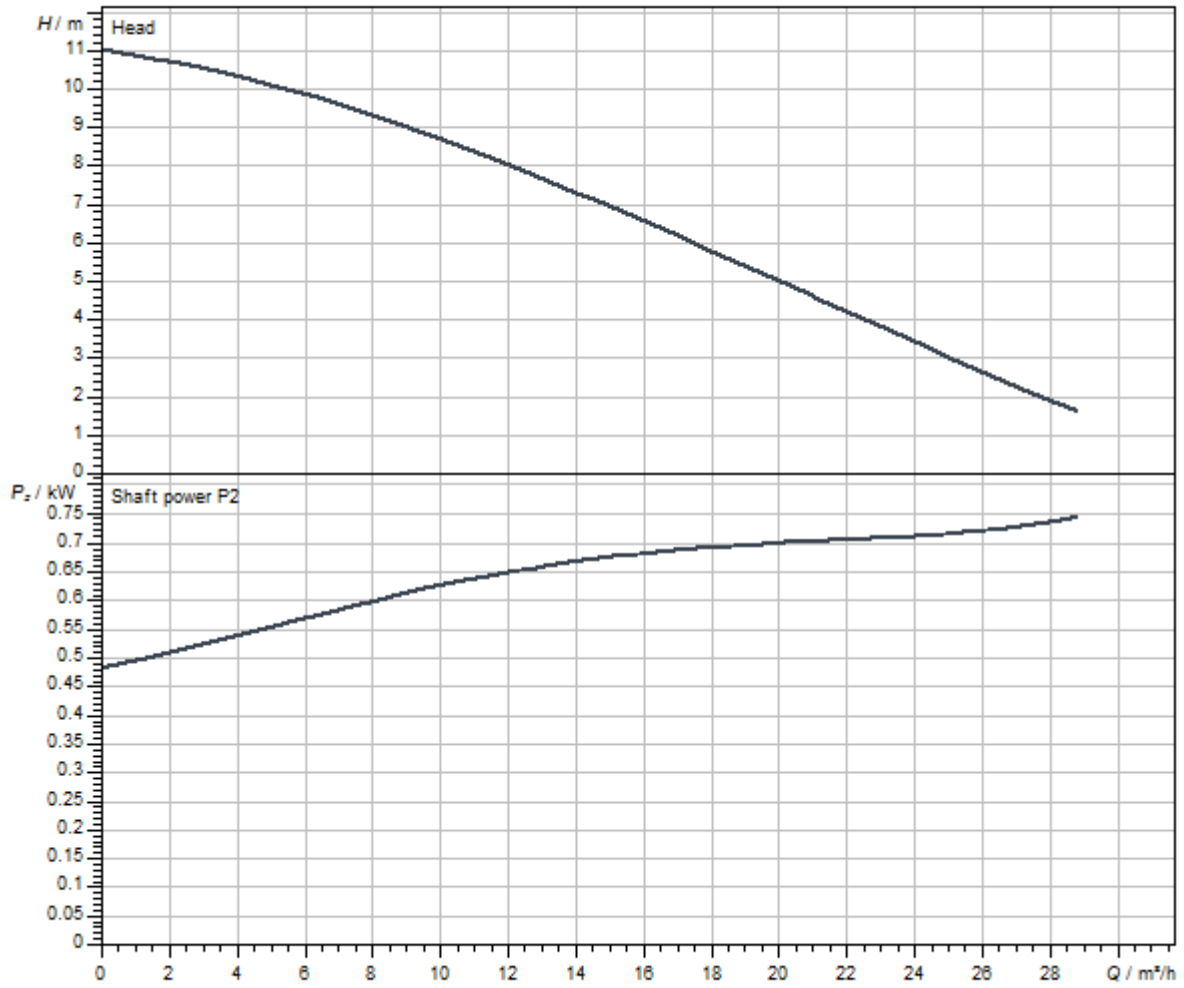
### Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Shaft	Stainless steel
Motor housing	Stainless steel

### Installation dimensions

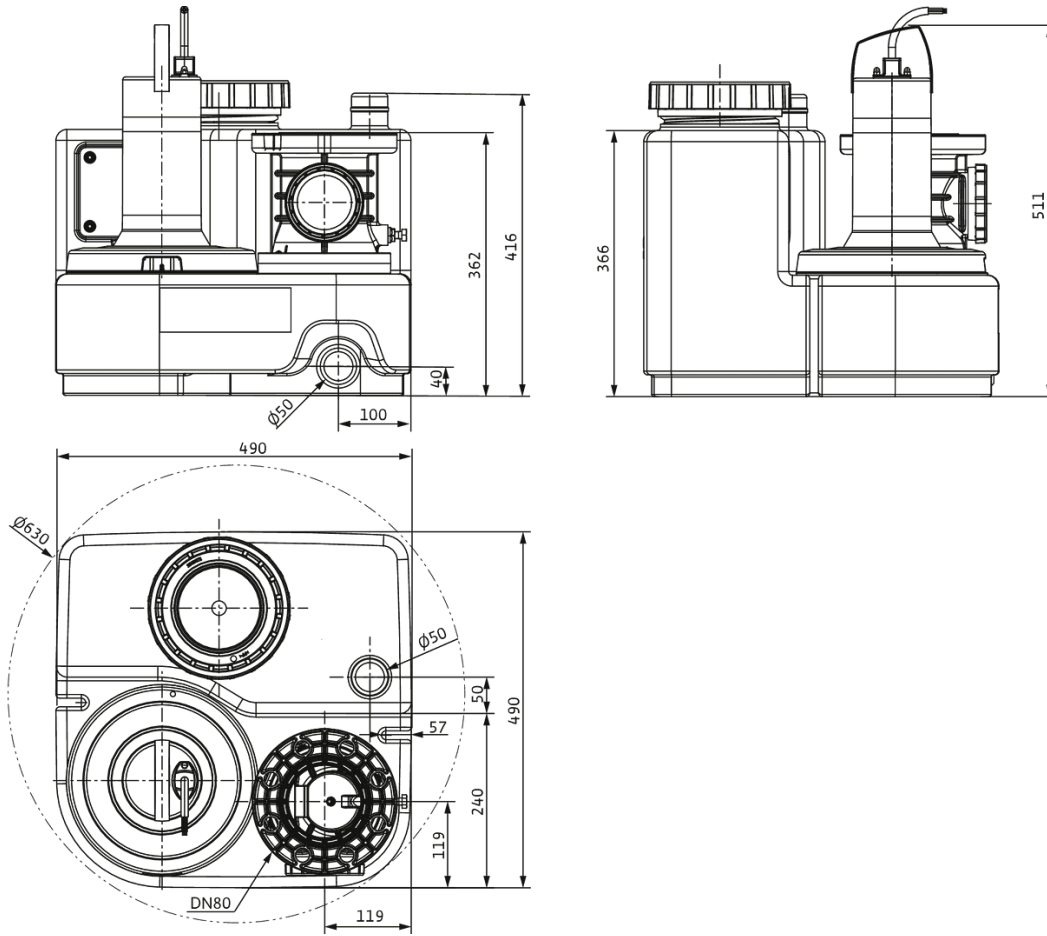
Pipe connection on the suction side $DN_s$	-
Pipe connection on the discharge side $DN_d$	DN 80

Pump curves

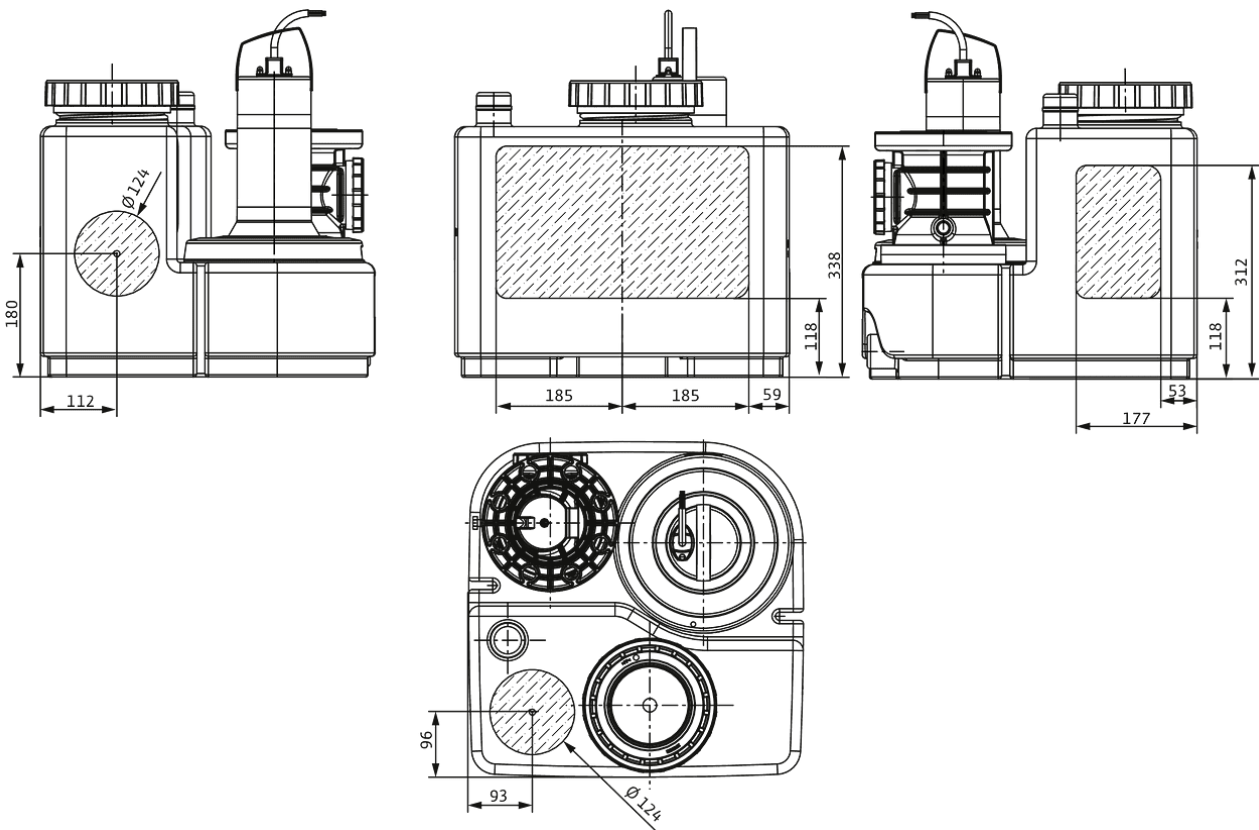


Dimensions and dimensions drawings

DrainLift SANI-S



DrainLift SANI-S - inlet areas



Ordering information

Product data

Brand	Wilo
Product description	DrainLift SANI-S.11M/3C
Article number	2549917
EAN number	4062679007014
Colour	green/black
Minimum order quantity	1
Date of sales availability	2020-07-06

Dimension, weight

Length with packaging	510 mm
Length <i>L</i>	490 mm
Height with packaging	600 mm
Height <i>H</i>	511 mm
Width with packaging	510 mm
Width <i>W</i>	490 mm
Gross weight, approx. <i>m</i>	36.5 kg
Net weight, approx. <i>m</i>	28 kg

Packaging

Number per layer	1
Packaging property	Transport packaging
Packaging type	Cardboard box
Pieces per pallet	1

### Tender text

Compact, ready for connection and fully submersible single pump lifting unit for pumping aggressive fluids.

Gas- and watertight collection reservoir with collecting space that slopes at an angle and inspection opening with transparent cover. The inlets are freely configurable, level measurement is performed with an analogue output signal 4...20 mA. Pressure connection with attached non-return valve with inspection opening.

Drive via surface-cooled motor with thermal motor monitoring.

Pre-installed switchgear for automatic operation:

- > Operation via display and icon-based, alphanumeric menu
- > Collective fault signal with potential-free contact
- > Individual fault signal with potential-free contact
- > ModBus interface
- > Integrated and mains-independent alarm
- > Adjustable follow-up time

- > 1.5 m connection cable with attached plug
- > Lifting unit with switchgear and connection cable with plug
- > Flange connector DN 80/100
- > Collar DN 100 for pressure connection
- > Collar 50 mm for ventilation connection
- > Collar DN 50 for evacuation connection
- > Inlet set with hole saw 124 mm and gasket DN 100
- > Fixation material
- > Insulation mat
- > 9 V rechargeable battery
- > Operating and maintenance manual

### Approved field of application

Fluid temperature $T$	3 °C
Max. fluid temperature, for short periods up to 5 min $T$	65 °C
Ambient temperature $T$	3 °C
Maximum operating pressure $P_N$	1 bar
Max. permissible pressure in the pressure pipe $P$	1.5 bar

### Product data

Gross volume of the tank $V$	46 l
Useable volume at 180 mm inlet height $V$	25 l
Useable volume at 250 mm inlet height $V$	32 l
Sound-pressure level	70 dB
Operating mode (non-immersed)	S2-15 min
Height $H$	511 mm
Length $L$	490 mm
Width $W$	490 mm
Diagonal dimension <i>Diagonal axis</i>	630 mm
Free ball passage of the hydraulics	44 mm

### Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Rated power $P_2$	0.75 kW
Rated speed $n$	2829 1/min
Rated current $I_N$	5.4 A
Insulation class	F
Protection class motor	IP68
Activation type	Direct online (DOL)
Max. switching frequency $t$	60 1/h
Motor protection	Bimetal

### Cable

Connection cable length	4 m
Cable type	H07RN-F
Cable cross-section	3G1 mm <sup>2</sup>
Mains plug	CEE7/7 (Schuko)

**Materials**

<b>Tank</b>	PE
<b>Pump housing</b>	PP-GF30
<b>Impeller</b>	PP-GF30
<b>Shaft</b>	Stainless steel
<b>Gasket material</b>	NBR
<b>Motor housing</b>	Stainless steel

**Installation dimensions**

<b>Pipe connection on the suction side</b>	DN 100
<b>Pipe connection on the discharge side</b>	DN 80
<b>Connection venting</b>	Ø 50

**Ordering information**

<b>Brand</b>	Wilo
<b>Product description</b>	DrainLift SANI-S.11M/3C
<b>Net weight, approx. <i>m</i></b>	28 kg
<b>Article number</b>	2549917



## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	1 bar
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	40 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	40 °C
Max. fluid temperature, for short periods up to 5 min $T$	65 °C
Sound-pressure level	70 dB
Switching volume $V$	25 l
Useable volume at 180 mm inlet height $V$	25 l
Useable volume at 250 mm inlet height $V$	32 l

### Motor data

Mains connection	3~400 V, 50 Hz
Rated current $I_N$	1.9 A
Phase	3
Rated speed $n$	2840 1/min
Number of poles	2
Activation type	Direct online (DOL)
Max. switching frequency $t$	60 1/h
Power consumption $P_1(Q=max.)$ of selected impeller * number of pumps $P_1$	1030 W
Operating mode (non-immersed)	S2-15 min
Insulation class	F
Protection class	IP68

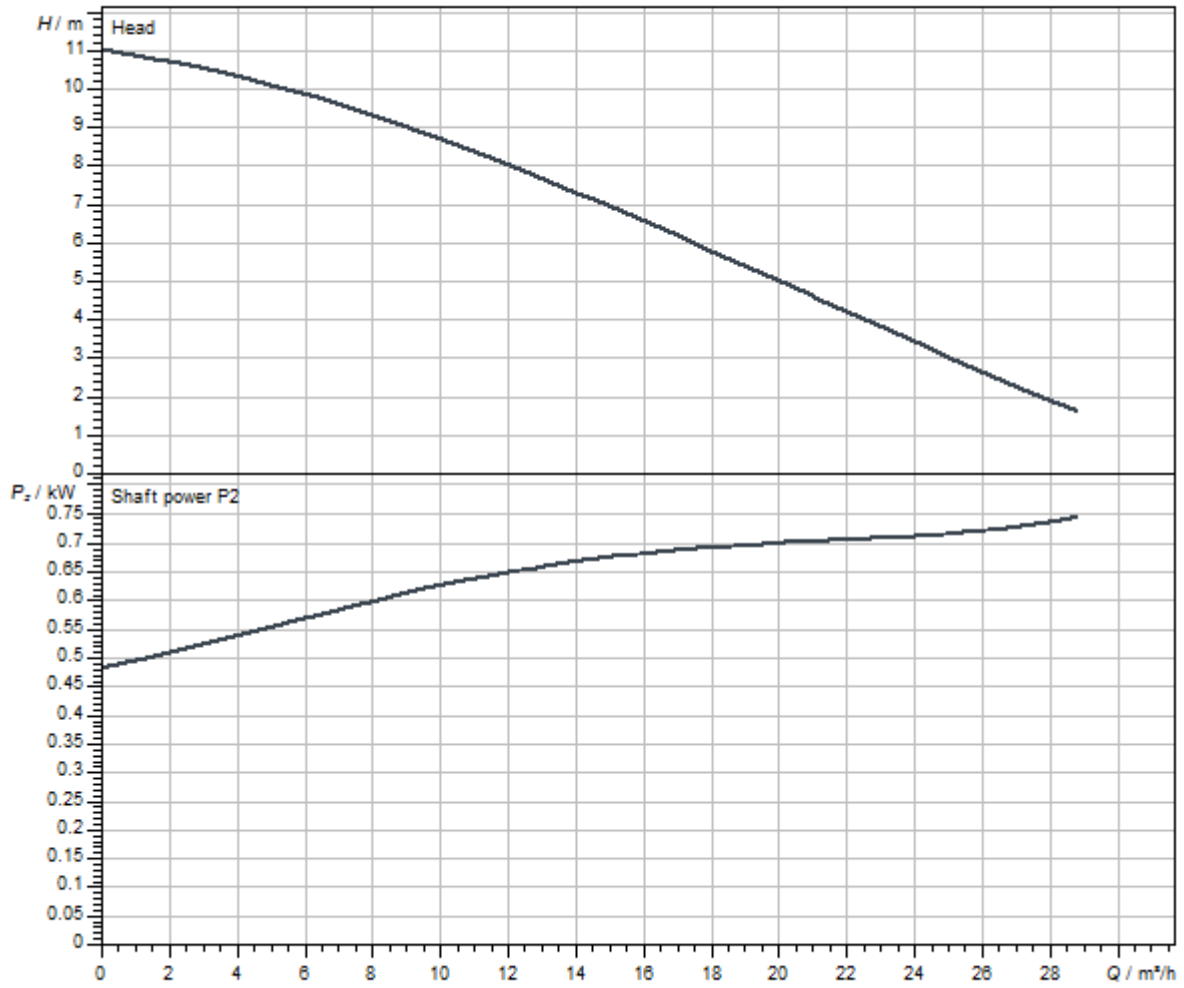
### Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Shaft	Stainless steel
Motor housing	Stainless steel

### Installation dimensions

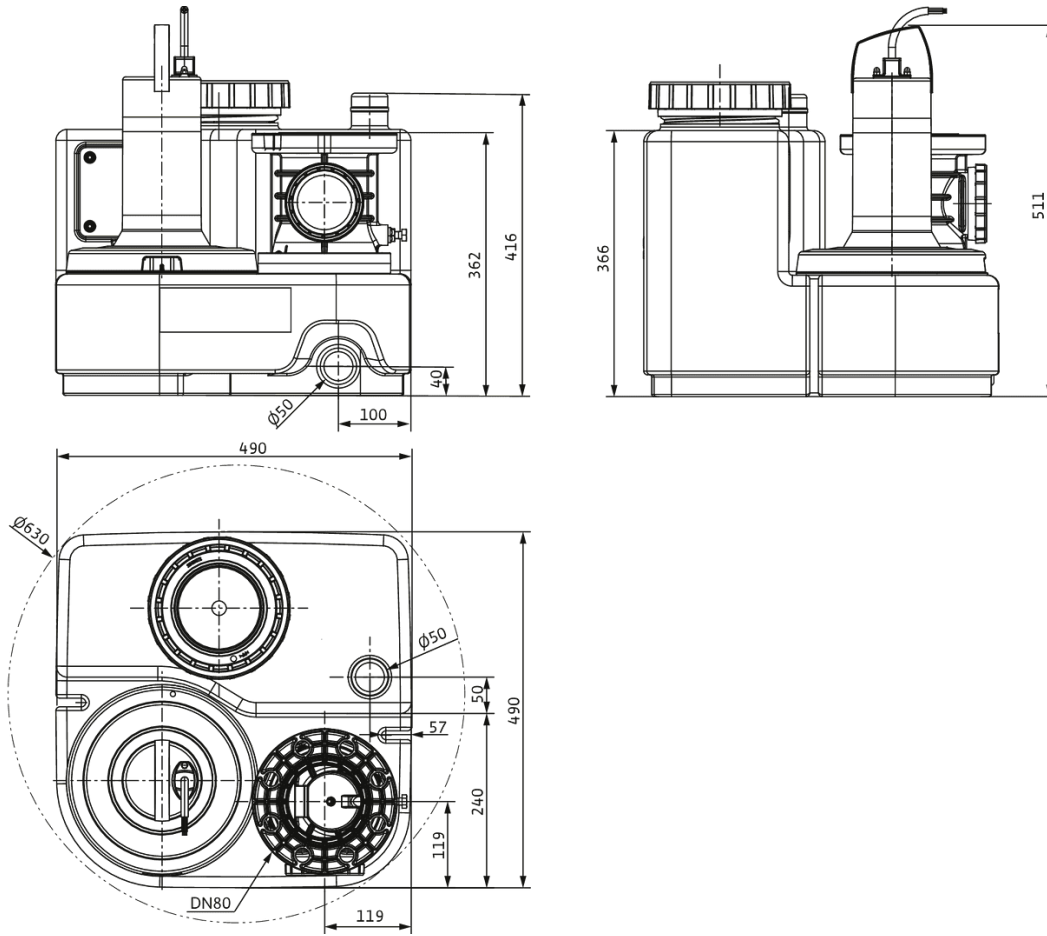
Pipe connection on the suction side $DN_s$	-
Pipe connection on the discharge side $DN_d$	DN 80

Pump curves

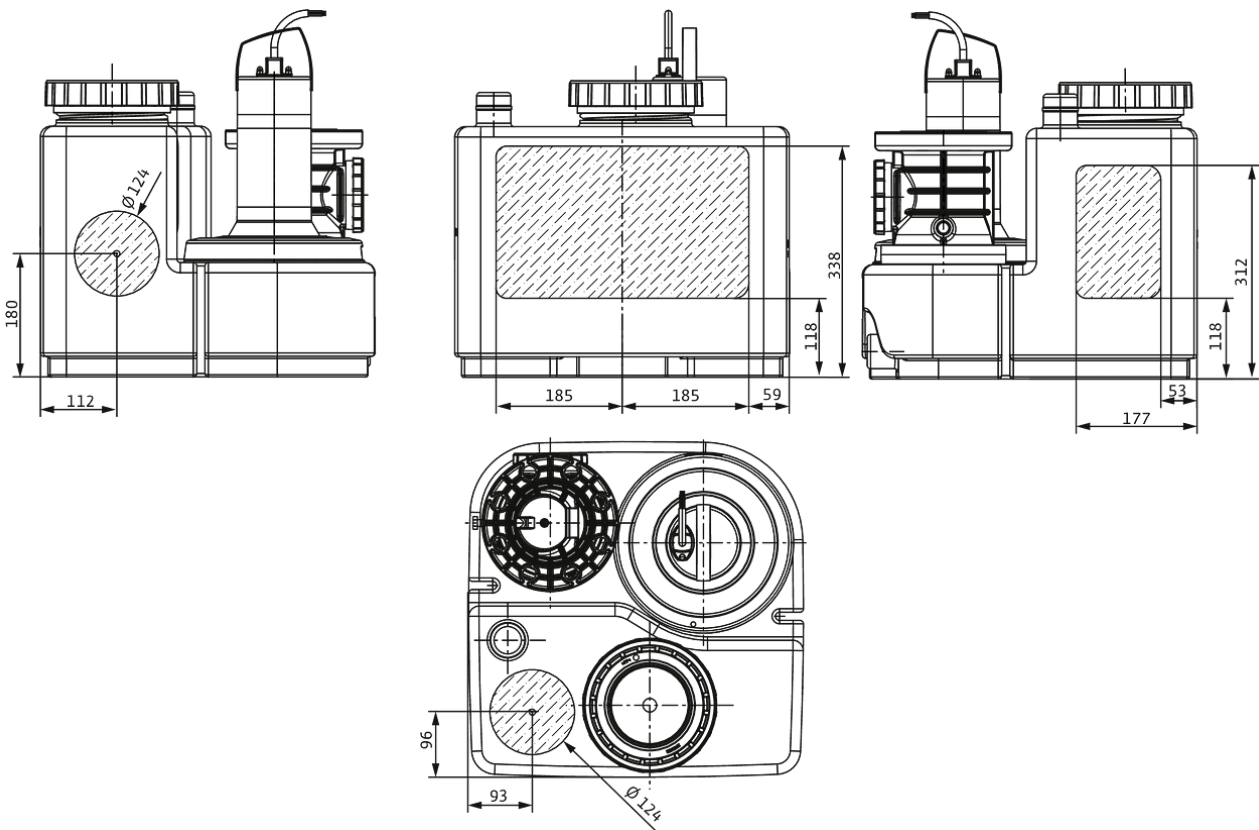


Dimensions and dimensions drawings

DrainLift SANI-S



DrainLift SANI-S - inlet areas



Ordering information

Product data

Brand	Wilo
Product description	DrainLift SANI-S.11T/1
Article number	2549901
EAN number	4062679006550
Colour	green/black
Minimum order quantity	1
Date of sales availability	2020-07-06

Dimension, weight

Length with packaging	510 mm
Length <i>L</i>	490 mm
Height with packaging	600 mm
Height <i>H</i>	511 mm
Width with packaging	510 mm
Width <i>W</i>	490 mm
Gross weight, approx. <i>m</i>	36.5 kg
Net weight, approx. <i>m</i>	28 kg

Packaging

Number per layer	1
Packaging property	Transport packaging
Packaging type	Cardboard box
Pieces per pallet	1

**Tender text**

Compact, ready for connection and fully submersible single pump lifting unit for pumping sewage containing faeces.

Gas- and watertight collection reservoir with collecting space that slopes at an angle and inspection opening with transparent cover. The inlets are freely configurable, level measurement is performed with an analogue output signal 4...20 mA. Pressure connection with attached non-return valve with inspection opening.

Drive via surface-cooled motor with thermal motor monitoring.

Pre-installed switchgear for automatic operation:

- > Collective fault signal with potential-free contact
- > Integrated and mains-independent alarm
- > Adjustable follow-up time

- > 1.5 m connection cable with attached plug
- > Lifting unit with switchgear and connection cable with plug
- > Flange connector DN 80/100
- > Collar DN 100 for pressure connection
- > Collar 50 mm for ventilation connection
- > Collar DN 50 for evacuation connection
- > Inlet set with hole saw 124 mm and gasket DN 100
- > Fixation material
- > Insulation mat
- > 9 V rechargeable battery
- > Operating and maintenance manual

**Approved field of application**

Fluid temperature <i>T</i>	3 °C
Max. fluid temperature, for short periods up to 5 min <i>T</i>	65 °C
Ambient temperature <i>T</i>	3 °C
Maximum operating pressure <i>P<sub>N</sub></i>	1 bar
Max. permissible pressure in the pressure pipe <i>P</i>	1.5 bar

**Product data**

Gross volume of the tank <i>V</i>	46 l
Useable volume at 180 mm inlet height <i>V</i>	25 l
Useable volume at 250 mm inlet height <i>V</i>	32 l
Sound-pressure level	70 dB
Operating mode (non-immersed)	S2-15 min
Height <i>H</i>	511 mm
Length <i>L</i>	490 mm
Width <i>W</i>	490 mm
Diagonal dimension <i>Diagonal axis</i>	630 mm
Free ball passage of the hydraulics	44 mm

**Motor data**

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power <i>P<sub>2</sub></i>	0.75 kW
Rated speed <i>n</i>	2840 1/min
Rated current <i>I<sub>N</sub></i>	1.9 A
Insulation class	F
Protection class motor	IP68
Activation type	Direct online (DOL)
Max. switching frequency <i>t</i>	60 1/h
Motor protection	Bimetall

**Cable**

Connection cable length	4 m
Cable type	H07RN-F
Cable cross-section	6G1 mm <sup>2</sup>
Mains plug	CEE 16A, 3P+N+PE, 6h

**Materials**

<b>Tank</b>	PE
<b>Pump housing</b>	PP-GF30
<b>Impeller</b>	PP-GF30
<b>Shaft</b>	Stainless steel
<b>Gasket material</b>	NBR
<b>Motor housing</b>	Stainless steel

**Installation dimensions**

<b>Pipe connection on the suction side</b>	DN 100
<b>Pipe connection on the discharge side</b>	DN 80
<b>Connection venting</b>	Ø 50

**Ordering information**

<b>Brand</b>	Wilo
<b>Product description</b>	DrainLift SANI-S.11T/1
<b>Net weight, approx. <i>m</i></b>	28 kg
<b>Article number</b>	2549901

## Data sheet

### Hydraulic data

Maximum operating pressure $P_N$	1 bar
Min. fluid temperature $T_{min}$	3 °C
Max. fluid temperature $T_{max}$	40 °C
Min. ambient temperature $T_{min}$	3 °C
Max. ambient temperature $T_{max}$	40 °C
Max. fluid temperature, for short periods up to 5 min $T$	65 °C
Sound-pressure level	70 dB
Switching volume $V$	25 l
Useable volume at 180 mm inlet height $V$	25 l
Useable volume at 250 mm inlet height $V$	32 l

### Motor data

Mains connection	3~400 V, 50 Hz
Rated current $I_N$	1.9 A
Phase	3
Rated speed $n$	2840 1/min
Number of poles	2
Activation type	Direct online (DOL)
Max. switching frequency $t$	60 1/h
Power consumption $P_1(Q=max.)$ of selected impeller * number of pumps $P_1$	1030 W
Operating mode (non-immersed)	S2-15 min
Insulation class	F
Protection class	IP68

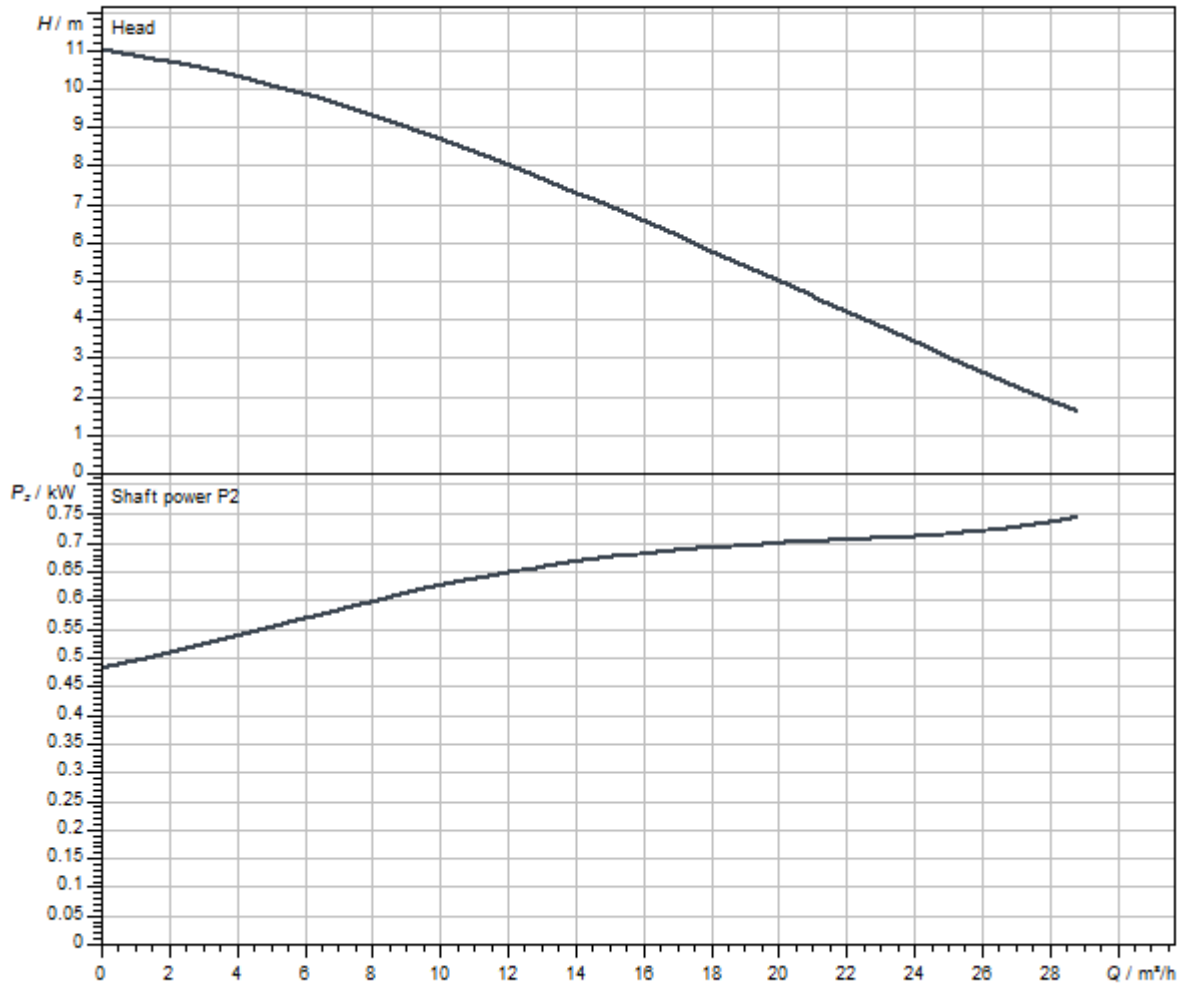
### Materials

Pump housing	PP-GF30
Impeller	PP-GF30
Shaft	Stainless steel
Motor housing	Stainless steel

### Installation dimensions

Pipe connection on the suction side $DN_s$	-
Pipe connection on the discharge side $DN_d$	DN 80

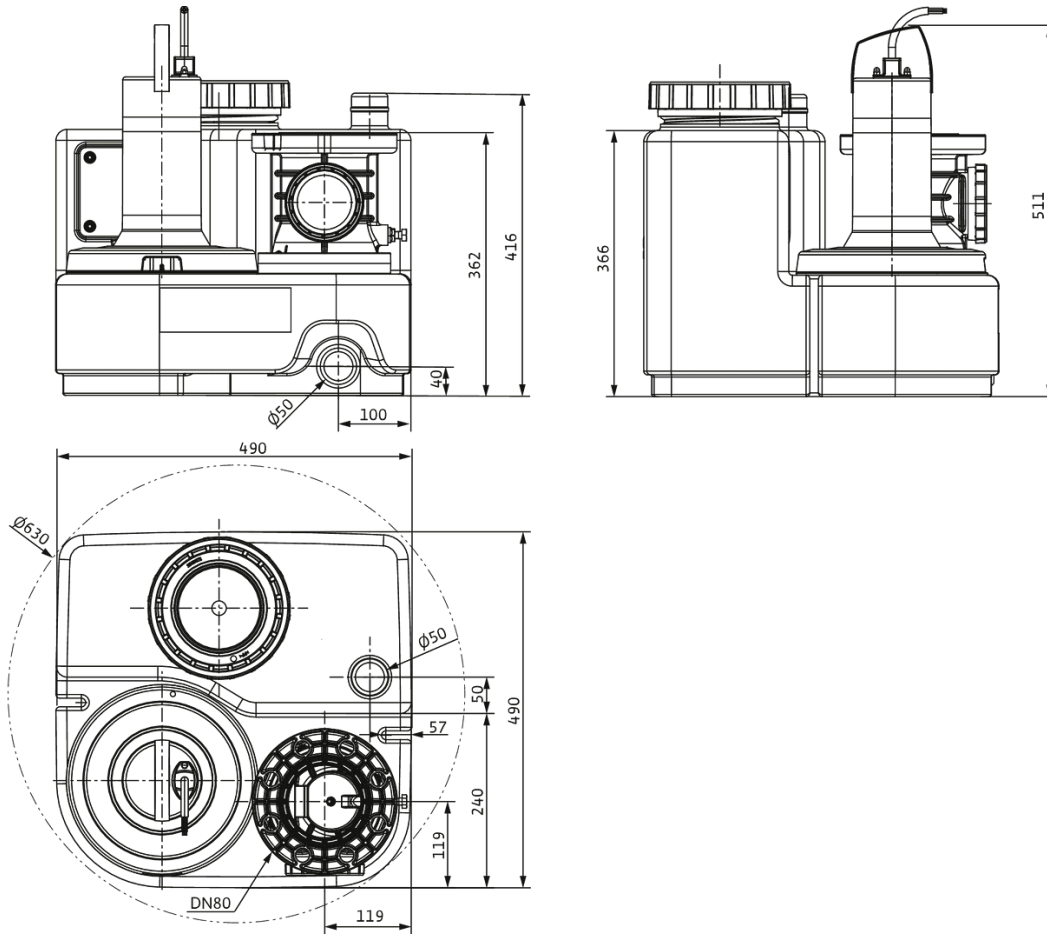
Pump curves



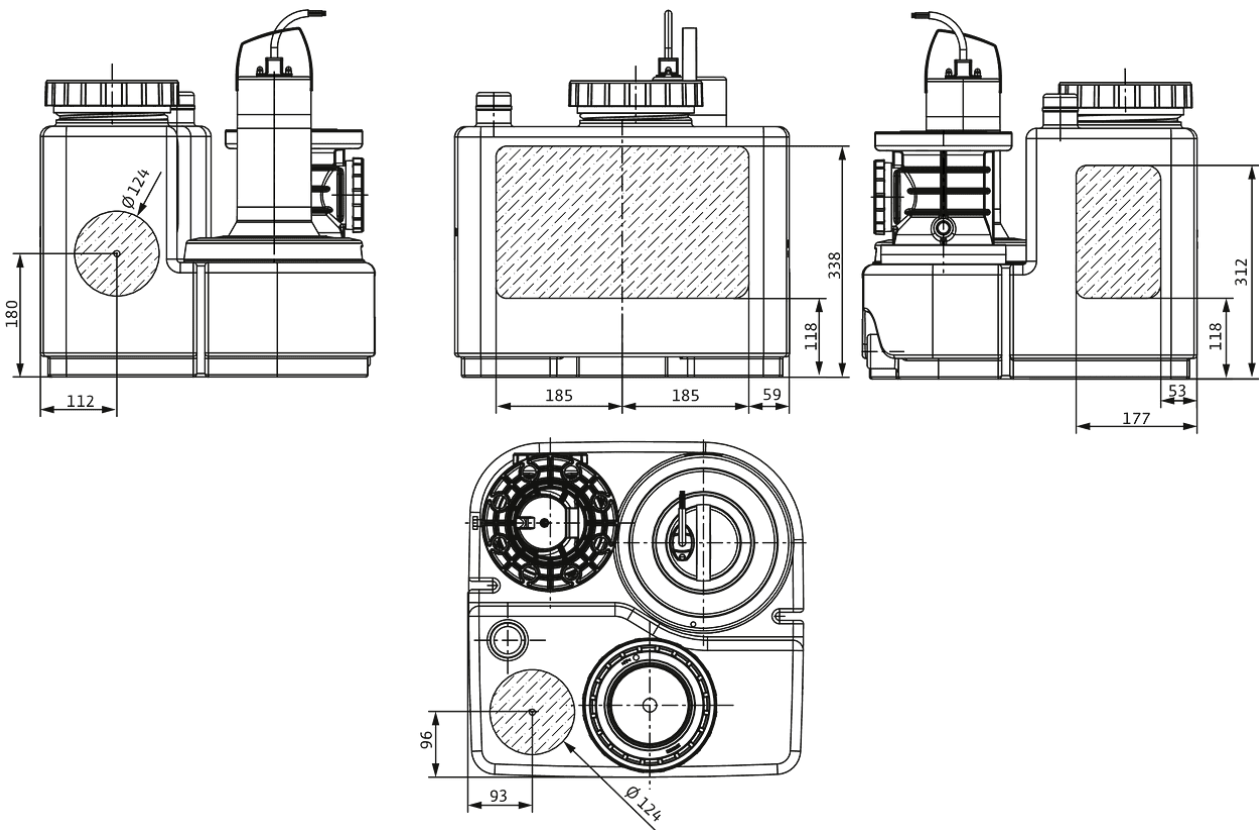


Dimensions and dimensions drawings

DrainLift SANI-S



DrainLift SANI-S - inlet areas



Ordering information

Product data

Brand	Wilo
Product description	DrainLift SANI-S.11T/3C
Article number	2549918
EAN number	4062679007021
Colour	green/black
Minimum order quantity	1
Date of sales availability	2020-07-06

Dimension, weight

Length with packaging	510 mm
Length <i>L</i>	490 mm
Height with packaging	600 mm
Height <i>H</i>	511 mm
Width with packaging	510 mm
Width <i>W</i>	490 mm
Gross weight, approx. <i>m</i>	37 kg
Net weight, approx. <i>m</i>	29 kg

Packaging

Number per layer	1
Packaging property	Transport packaging
Packaging type	Cardboard box
Pieces per pallet	1

### Tender text

Compact, ready for connection and fully submersible single pump lifting unit for pumping aggressive fluids.

Gas- and watertight collection reservoir with collecting space that slopes at an angle and inspection opening with transparent cover. The inlets are freely configurable, level measurement is performed with an analogue output signal 4...20 mA. Pressure connection with attached non-return valve with inspection opening.

Drive via surface-cooled motor with thermal motor monitoring.

Pre-installed switchgear for automatic operation:

- > Operation via display and icon-based, alphanumeric menu
- > Collective fault signal with potential-free contact
- > Individual fault signal with potential-free contact
- > ModBus interface
- > Integrated and mains-independent alarm
- > Adjustable follow-up time

- > 1.5 m connection cable with attached plug
- > Lifting unit with switchgear and connection cable with plug
- > Flange connector DN 80/100
- > Collar DN 100 for pressure connection
- > Collar 50 mm for ventilation connection
- > Collar DN 50 for evacuation connection
- > Inlet set with hole saw 124 mm and gasket DN 100
- > Fixation material
- > Insulation mat
- > 9 V rechargeable battery
- > Operating and maintenance manual

### Approved field of application

Fluid temperature $T$	3 °C
Max. fluid temperature, for short periods up to 5 min $T$	65 °C
Ambient temperature $T$	3 °C
Maximum operating pressure $P_N$	1 bar
Max. permissible pressure in the pressure pipe $P$	1.5 bar

### Product data

Gross volume of the tank $V$	46 l
Useable volume at 180 mm inlet height $V$	25 l
Useable volume at 250 mm inlet height $V$	32 l
Sound-pressure level	70 dB
Operating mode (non-immersed)	S2-15 min
Height $H$	511 mm
Length $L$	490 mm
Width $W$	490 mm
Diagonal dimension <i>Diagonal axis</i>	630 mm
Free ball passage of the hydraulics	44 mm

### Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power $P_2$	0.75 kW
Rated speed $n$	2840 1/min
Rated current $I_N$	1.9 A
Insulation class	F
Protection class motor	IP68
Activation type	Direct online (DOL)
Max. switching frequency $t$	60 1/h
Motor protection	Bimetal

### Cable

Connection cable length	4 m
Cable type	H07RN-F
Cable cross-section	6G1 mm <sup>2</sup>
Mains plug	CEE 16A, 3P+N+PE, 6h

**Materials**

<b>Tank</b>	PE
<b>Pump housing</b>	PP-GF30
<b>Impeller</b>	PP-GF30
<b>Shaft</b>	Stainless steel
<b>Gasket material</b>	NBR
<b>Motor housing</b>	Stainless steel

**Installation dimensions**

<b>Pipe connection on the suction side</b>	DN 100
<b>Pipe connection on the discharge side</b>	DN 80
<b>Connection venting</b>	Ø 50

**Ordering information**

<b>Brand</b>	Wilo
<b>Product description</b>	DrainLift SANI-S.11T/3C
<b>Net weight, approx. <i>m</i></b>	29 kg
<b>Article number</b>	2549918