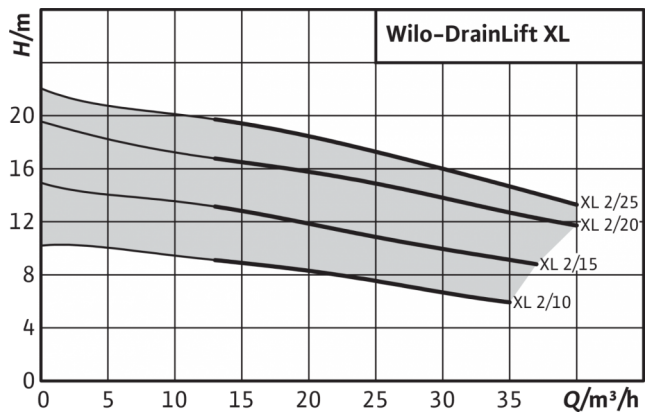


## Series description: Wilo-DrainLift XL

Wilo-DrainLift XL



DrainLift XL



### Design type

Sewage lifting unit as double-pump system

### Application

Pumping of sewage containing faeces (according to DIN EN 12050-1) that cannot be returned to the sewer system using natural falls, and backflow resistant drainage of discharge points below the backflow level (according to DIN EN 12056-1).

### Equipment/function

- Thermal motor monitoring
- Level control with level sensor
- Potential-free contact
- Switchgear with Zener barrier and mains-dependent alarm
- Pump cable detachable
- Inlet seal DN 150
- Hole saw for inlet seal
- Non-return flap valve
- Hose connection for venting
- Hose connection for diaphragm hand pump
- Fixation material

### Scope of delivery

Connection-ready sewage lifting unit, including:

- Switchgear with mains-dependent alarm and plug
- Zener barrier
- 1x inlet seal DN 150
- 1x hole saw for inlet connection DN 150
- 1x collar for diaphragm hand pump connection
- 1x collar for ventilation connection DN 70
- 1x flange connector DN 80/100 with flat gasket, collar and fixing material for pressure connection DN 100
- Fixation material
- Installation and operating instructions

### Type key

Example:	<b>Wilo-DrainLift XL 2/25 (3~)</b>
<b>XL2</b>	Double-pump system
<b>/25</b>	Max. delivery head [m]
<b>(3~)</b>	3~: Three-phase version

### Technical data

- Mains connection 3~400 V, 50 Hz
- Power consumption P1 from 3 to 5.3 kW, depending on type
- Cable length from system to switchgear 4 m / plug cable 1.5 m
- Operating mode S1 / S3 - 60%
- Fluid temperature max. 40 °C, for short periods up to 60 °C
- Ambient temperature max. 40 °C
- Free ball passage 40 mm
- Pressure port DN 80
- Inlet connection DN 100 / DN 150
- Ventilation connection DN 70
- Min. suction head (installation level to middle of inlet) 700 mm
- Protection class (without switchgear) IP 67
- Gross tank volume 380 l
- Switching volume 260 l

### Materials

- Motor housing: Stainless steel 1.4404 (AISI 316L)
- Hydraulics: PE/PUR plastic
- Tank: PE plastic

### Special features/product advantages

- Flexible thanks to a height-adjustable and swivel-capable inlet connection
- Easy to use thanks to built-in switchgear
- Integrated non-return valve
- Operational reliability via high switching volumes and reliable level recording
- Suitable for continuous duty (S1) with the use of self-cooling motors

## Series description: Wilo-DrainLift XL

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### Description/construction

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Fully submersible sewage lifting unit, ready for connection (flooding height: 2 mWS, overflow time: 7 days) with a collection tank that is impermeable to gas and water and that is equipped with a buoyancy safeguard. Centrifugal pump with vortex impeller.

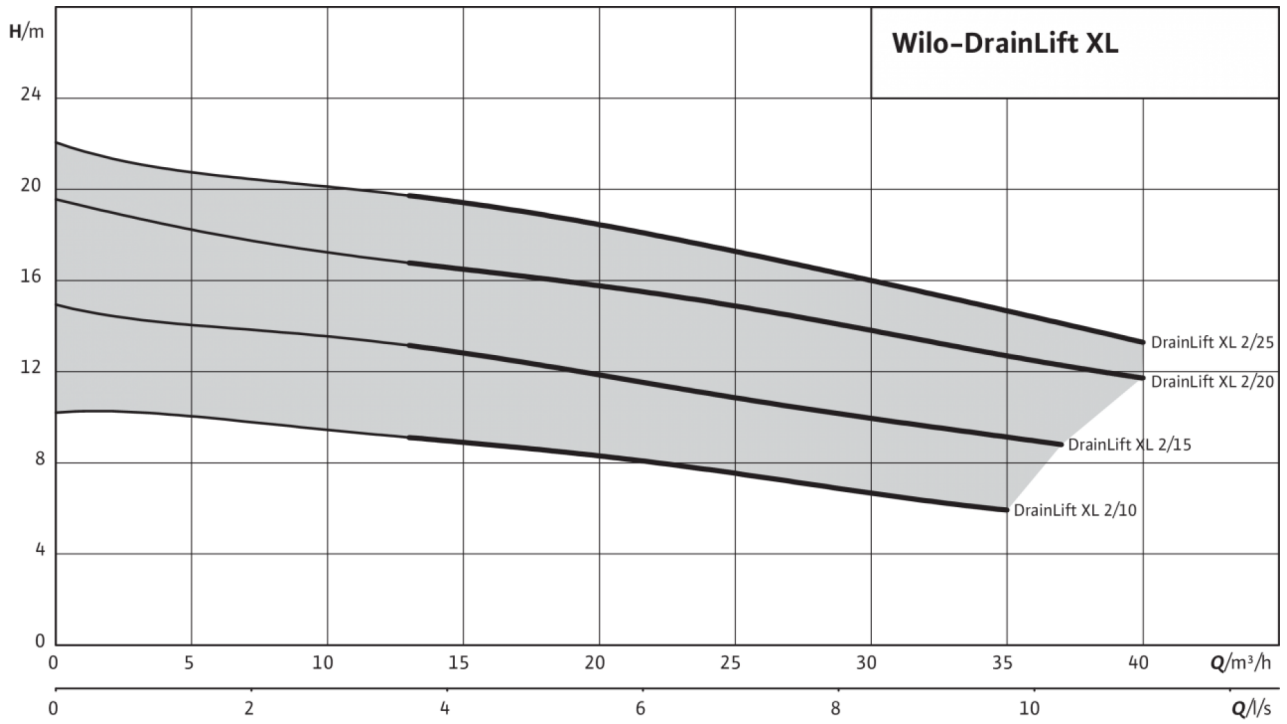
#### **DrainLift XL2:**

Double-pump system for automatic operation (with automatic duty cycling, standby and peak-load operation). Due to the integrated double non-return valve, only one pressure pipe connection is required. Switchgear with CEE plug, potential-free contact, integrated and mains-dependent alarm. Pumps with integrated sheath current cooling.

**Attention:** The switchgear is not submersible and must therefore be arranged in such a way that it is overflow-proof.

## Duty chart: Wilo-DrainLift XL

DrainLift XL



## Product list: Wilo-DrainLift XL

Product description	Article number
DrainLift XL 2/25	2532143
DrainLift XL 2/20	2532142
DrainLift XL 2/15	2532141
DrainLift XL 2/10	2532140