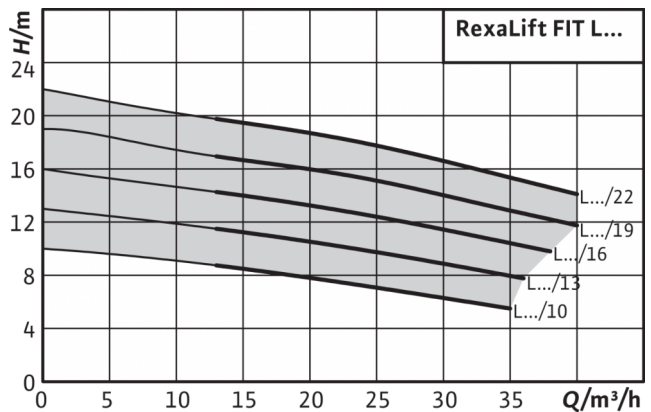


## Series description: Wilo-RexaLift FIT L

Wilo-RexaLift FIT L



RexaLift FIT L



### Design type

Sewage lifting unit as single pump system or 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

- Ready-to-plug, fully submersible sewage lifting unit incl. switchgear with:
  - Thermal motor monitoring
  - Potential-free contact for SSM and high water
  - Mains-independent alarm
- Level control with float switch
- Pump cable detachable
- Non-return valve
- Inlet seal
- Hole saw for inlet borehole
- Hose connection for venting
- Hose connection for diaphragm hand pump
- Kit for pressure pipe connection
- Fixation material
- Sound insulation material

### Special features/product advantages

- Low system weight for easy installation
- Integrated non-return valve
- Flexible due to free selection of inlets
- Operationally reliable with integrated thermic motor protection and mains-independent alarm for SSM and flooding

### Scope of delivery

Connection-ready sewage lifting unit, including:

- Switchgear with mains-independent alarm and plug:
- 1x inlet seal DN 100
- 1x hole saw for inlet connection DN 100
- 1x collar for connection of diaphragm hand pump or inlet connection Ø 50 mm
- 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
- 9 V rechargeable battery
- Sound absorption strips for sound insulation installation
- Fixation material
- Installation and operating instructions

### Type key

Example: <b>RexaLift</b> <b>FIT</b> <b>L</b> <b>1</b> <b>22</b> <b>T</b> <b>5</b> <b>40</b> <b>S3</b>  <b>A</b>  <b>C</b>  <b>x</b>	<b>Wilo-RexaLift L1-22/T-540-S3/ACx</b> Sewage lifting unit Series Size Number of attached pumps Max. delivery head in m Mains connection version: M = 1~ T = 3~ Frequency (5 = 50 Hz, 6 = 60 Hz) Code for rated voltage System operating mode: S3 = Intermittent operation S1 = Intermittent and continuous duty Switchgear version: A = Standard switchgear B = Comfort switchgear System operating mode: B = without non-return valve C = incl. non-return valve Other versions: without = free Y = customer-specific
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## Series description: Wilo-RexaLift FIT L

### Technical data

- Mains connection: 3~400 V, 50 Hz
- Power consumption P1: 2.3 ... 3.9 kW
- Cable length from system to switchgear/plug: 4/1.5 m
- Operating mode: S3-10%, 120 s
- Fluid temperature: 3 °C ... 40 °C, for short periods: 60 °C for max. 3 min.
- Ambient temperature: 3 °C ... 40 °C
- Gross tank volume:
  - - Single-pump system: 115 l
    - Double-pump system: 140 l
- Switching volume:
  - - Single-pump system: 35 l
    - Double-pump system: 50 l
- Pressure connection: DN 80
- Inlet connections: DN 50/DN 100/DN 150
- Ventilation connection: DN 70
- Free ball passage: 40 mm
- Min. positive suction head (installation level to middle of inlet): 180 mm
- Lifting unit protection class: IP67
- Switchgear protection class: IP54

### Materials

- Motor housing: stainless steel 1.4301 (AISI 304)
- Hydraulic housing: PE/PUR plastic
- Impeller: PUR plastic
- Tank: PE plastic

### Description/construction

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.

#### RexaLift FIT L1:

Single-pump system with three-phase motor, switchgear for automatic operation, CEE plug, potential-free contact for collective fault signal, integrated and mains-independent alarm and adjustable follow-up time.

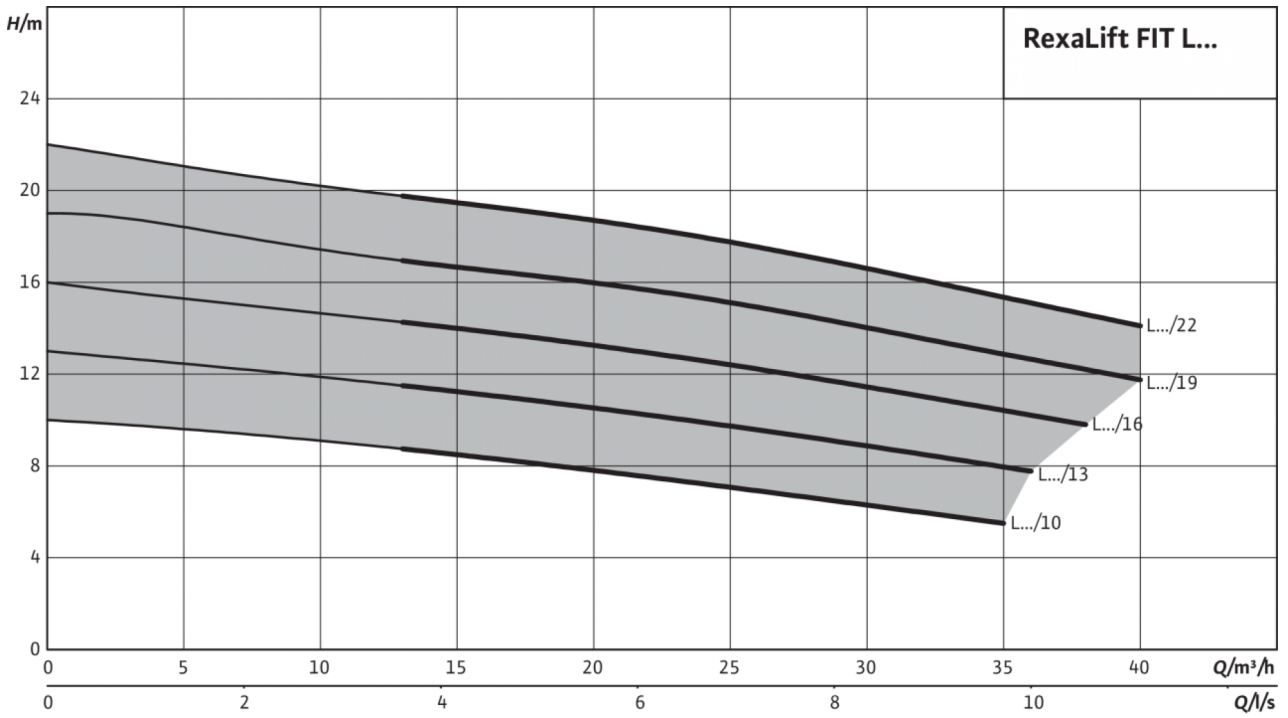
#### RexaLift FIT L2:

Double-pump system with three-phase motor, switchgear for automatic operation (with automatic switch, reserve and peak-load operation), CEE plug, potential-free contact for collective fault signal, integrated and mains-independent alarm and adjustable follow-up time. Only one pressure pipe connection is required due to an integrated double non-return valve.

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

## Duty chart: Wilo-RexaLift FIT L

RexaLift FIT L



## Product list: Wilo-RexaLift FIT L

Product description	Article number
RexaLift FIT L 2-22	2536969
RexaLift FIT L 2-19	2536968
RexaLift FIT L 2-16	2536967
RexaLift FIT L 2-13	2536966
RexaLift FIT L 2-10	2536965
RexaLift FIT L 1-22	2536964
RexaLift FIT L 1-19	2536963
RexaLift FIT L 1-16	2536962
RexaLift FIT L 1-13	2536961
RexaLift FIT L 1-10	2536960