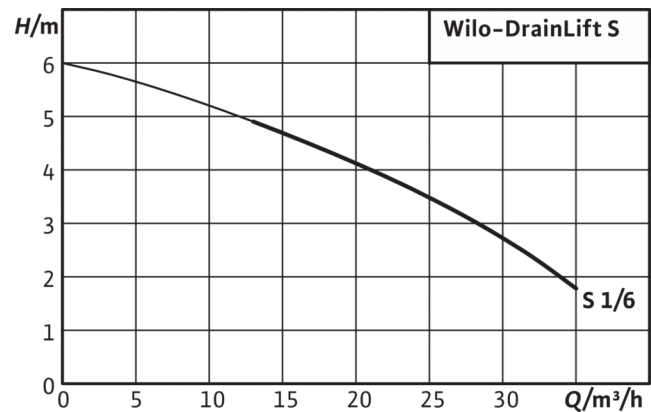


Series description: Wilo-DrainLift S

Wilo-DrainLift S



DrainLift S



Design type

Compact sewage lifting unit as single 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
- Thermal motor monitoring
- Level control with float switch
- Switchgear with potential-free output for collective fault signal
- Non-return valve integrated ("RV" version)

Scope of delivery

Sewage lifting unit ready for connection with connected switchgear and plug:

- Switchgear with mains-independent alarm and plug:
- 1x inlet seal DN 100
- 1x hole saw for inlet connection DN 100
- 1x non-return valve DN 80 (version "RV")
- 1x collar for connection of diaphragm hand pump or inlet connection Ø50 mm
- 1x collar for ventilation connection DN 70
- 3x sound absorption strips for sound insulation installation
- Fixation material
- Installation and operating instructions

Type key

Example:	DrainLift S 1/6T-RV
S	Size
1	Number of integrated pumps
6	Max. delivery head in m
T	Mains connection version: M = 1~230 V T = 3~400 V
RV	Pressure connection version without = no non-return valve RV = with non-return valve

Technical data

- Mains connection: 1~230 V, 50 Hz or 3~400 V, 50 Hz
- Operating mode: S3-15%, 120 sec
- Fluid temperature: 3...40 °C, short-term 60 °C
- Max. ambient temperature: 40 °C
- Max. switching volume: 21 l
- Flooding height: 2 mWs for max. 7 days
- Pressure connection: DN 80
- Inlet connections: 1x DN 40 / 1x DN 100 (freely selectable)
- Ventilation connection: DN 70
- Lifting unit protection class: IP68
- Switchgear protection class: IP54

Materials

- Tank: PE plastic
- Motor housing: stainless steel 1.4404 (AISI 316L)
- Hydraulic housing: PE/PUR plastic
- Impeller: PUR plastic

Special features/product advantages

- Space-saving installation
- Easy to install thanks to an integrated non-return valve (type "RV")
- Flexible due to free selection of inlets
- Reduced residual water volume

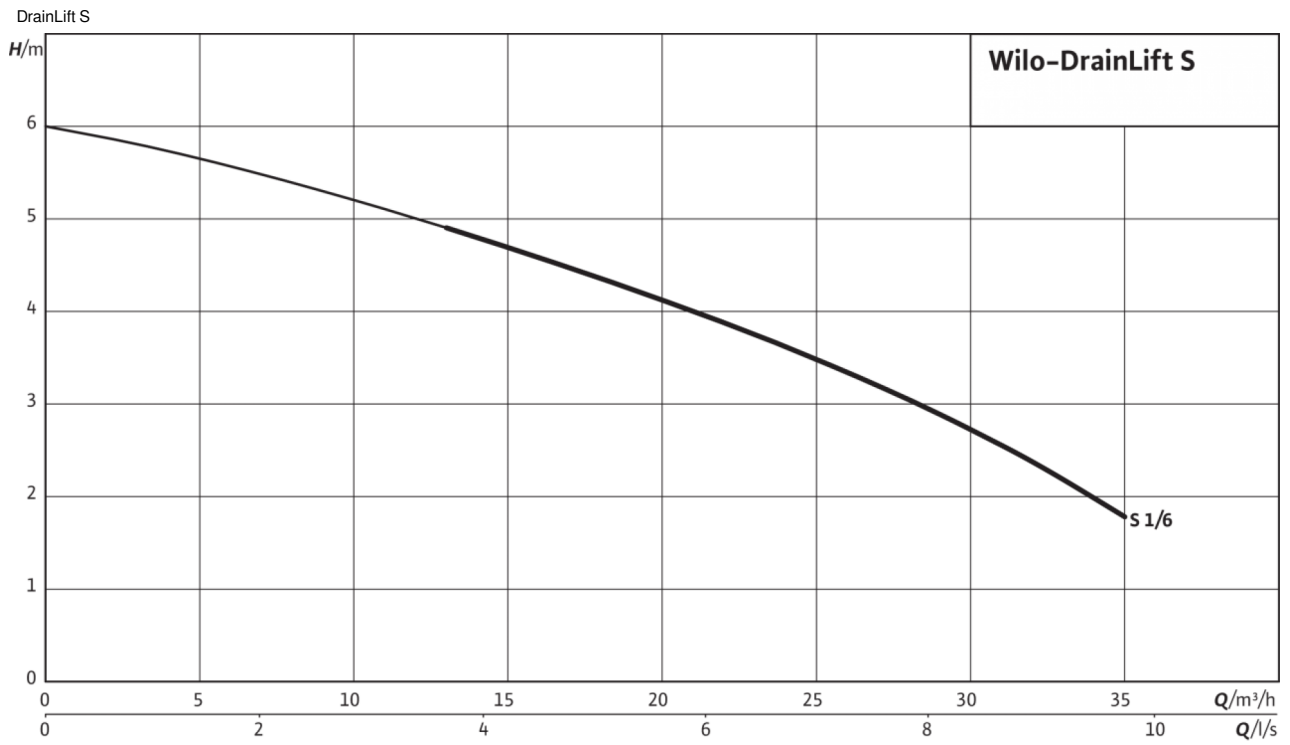
Series description: Wilo-DrainLift S

Description/construction

Ready for connection, fully submersible sewage lifting unit as single-pump system, with gastight and watertight collection reservoir with diagonally running collection chamber for deposit-free and safe operation, freely selectable inlets, level control with float switch and single-phase or three-phase motor with thermal motor monitoring.

Preinstalled switchgear for automatic operation, with a potential-free contact for the collective fault signal, integrated and mains-independent alarm, adjustable follow-up time and attached plug.

Duty chart: Wilo-DrainLift S



Product list: Wilo-DrainLift S

Product description	Article number
DrainLift S 1/6T RV (3~)	2544877
DrainLift S 1/6M RV (1~)	2544876
DrainLift S 1/6T (3~)	2544861
DrainLift S 1/6M (1~)	2544860