

## Data sheet: DrainLift M 1/8 RV (1~230 V, 50 Hz)

### Materials

Motor housing	1.4301, X5CrNi18-10
Pump housing	5.1301, EN-GJL-250
Impeller	PUR Polyurethane

### Motor data

Mains connection	1~230 V, 50 Hz
Power consumption $P_1$ (Q=max.) of selected impeller * number of pumps $P_1$	1300 W
Rated current $I_N$	5.80 A
Rated speed	1
No. of poles	2
Activation type	Direct online (DOL)
Insulation class	F
Protection class	IP68
Max. switching frequency $t$	45 1/h

### Information for order placements

Net weight, approx. $m$	57 kg
Brand	Wilo
Product description	DrainLift M 1/8 RV (1~230 V, 50 Hz)
Article number	2528940

### Operating data

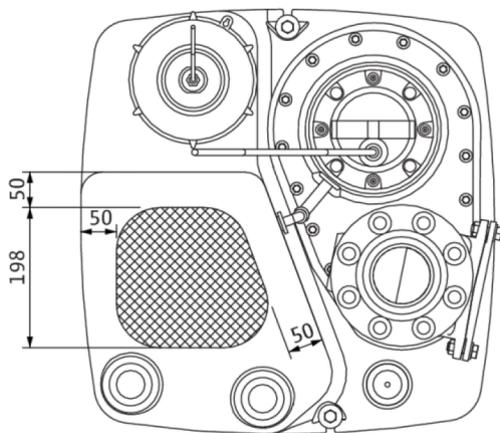
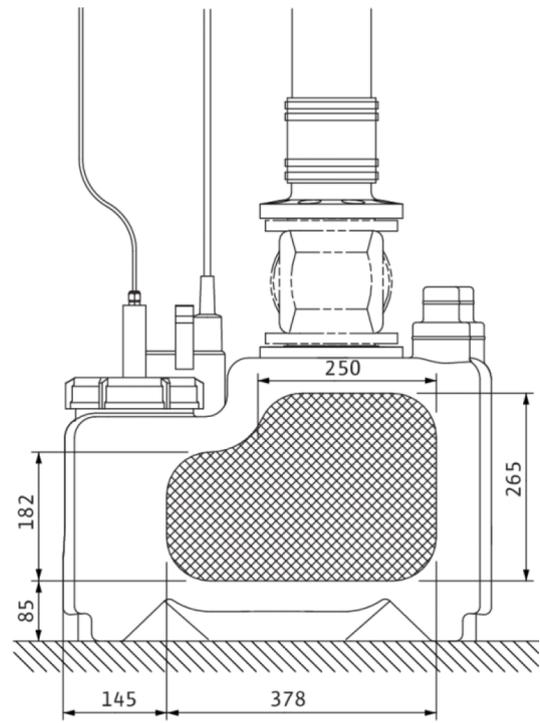
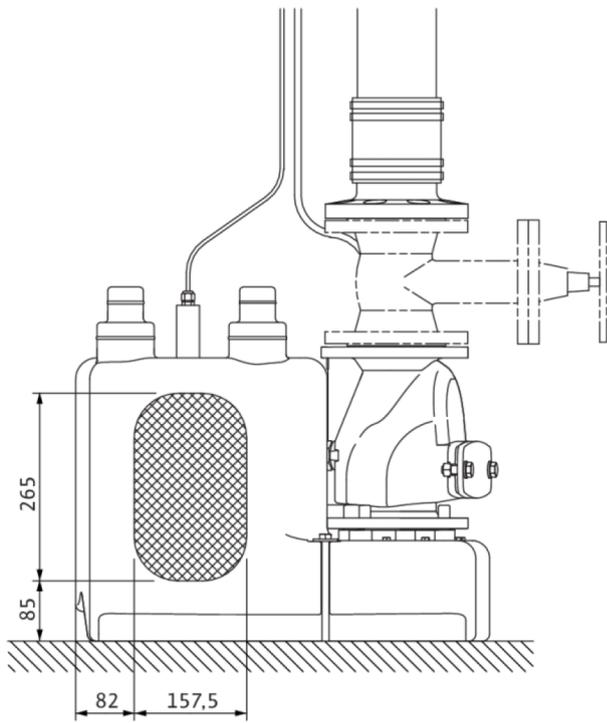
Min. fluid temperature $T$	3 °C
Max. fluid temperature $T$	40 °C
Maximum operating pressure $p$	10 bar
Max. ambient temperature $T$	40 °C

### Installation dimensions

Pipe connection on the suction side	-
Pipe connection on the pressure side	DN 80

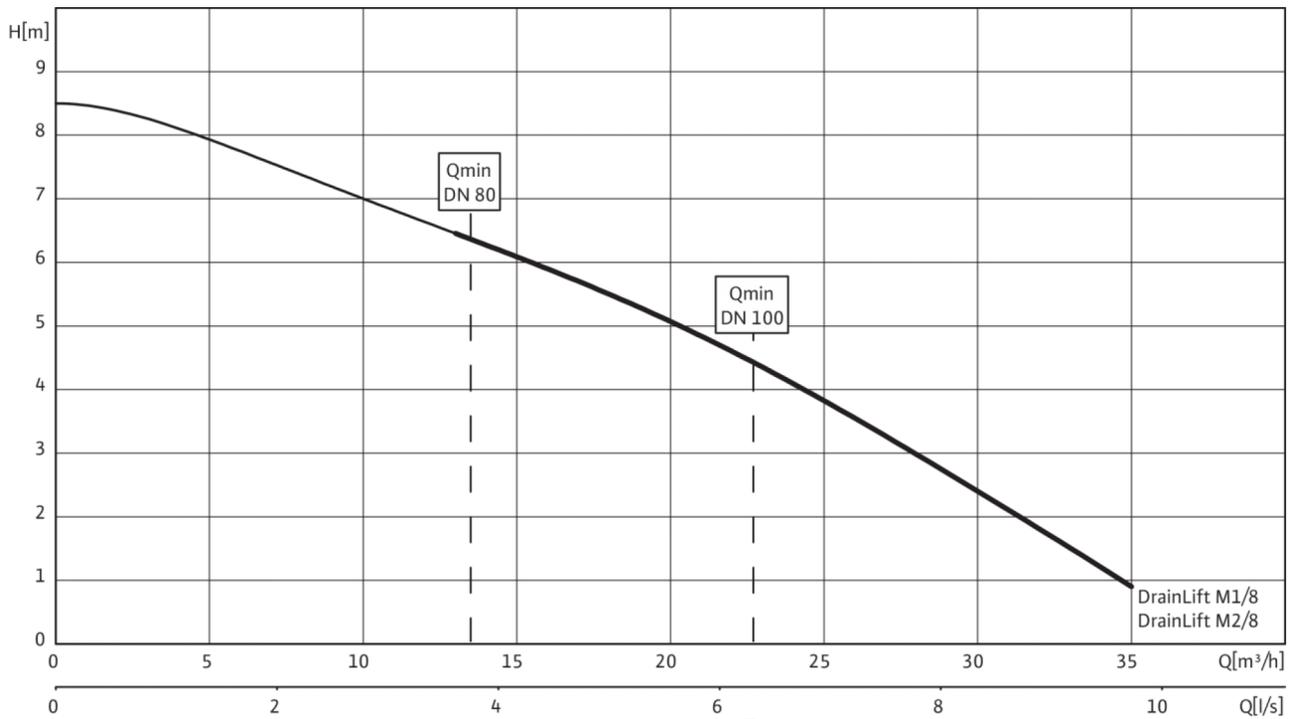
Dimensions and dimensions drawings: DrainLift M 1/8 RV (1~230 V, 50 Hz)

DrainLift M 1/8



## Pump curves: DrainLift M 1/8 RV (1~230 V, 50 Hz)

DrainLift M



According to EN 12056-4, 6.1, flow velocity (in the pressure pipe) must be kept between 0.7 and 2.3 m/s. The stated  $Q_{min}$  values apply to the inside diameter of single-walled steel pipes.

## Tender text: DrainLift M 1/8 RV (1~230 V, 50 Hz)

Ready for connection, fully submersible and automatic sewage lifting unit as a single pump system. Dry motor in single-phase version with stainless steel housing and thermal motor monitoring. Gas-tight and water-tight collection reservoir made from plastic with tapering collection chamber for reliable operation without any build-up of deposits, freely selectable inlets and a level control device with a rod float switch. Microprocessor-controlled switchgear with

- LEDs for displaying operating status and error messages
- Adjustable run-on time
- Integrated and mains-independent alarm
- 1x potential-free contact for connection of a collective fault signal (SSM)

### Scope of delivery:

- Sewage lifting unit ready for connection with switchgear and plug
- 1x inlet seal DN 100
- 1x hole saw for inlet DN 100
- 1x lip seal 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, flexible hose section and fixing material for discharge pipe connection DN 100
- 1x non-return valve DN 80
- 6x sound absorption strips for sound insulation installation
- 9V rechargeable battery
- Fixation material

Materials		Operating data	
Motor housing	1.4301, X5CrNi18-10	Fluid media	Water
Tank material	2528940, WILO-DRAINLIFT M1/8 (1~) NRV	Min. fluid temperature $T$	3 °C
Pump housing	5.1301, EN-GJL-250	Max. fluid temperature $T$	40 °C
Impeller	PUR Polyurethane	Maximum operating pressure $p$	10 bar
		Max. ambient temperature $T$	40 °C
Motor data		Installation dimensions	
Mains connection	1~230 V, 50 Hz	Inlet connection	DN 40/DN 100/DN 150
Rated current $I_N$	5.80 A	Pipe connection on the suction side	-
Protection class motor	IP68	Pipe connection on the pressure side	DN 80
Insulation class	F		
Information for order placements			
Net weight, approx. $m$	57 kg		
Brand	Wilo		
Product description	DrainLift M 1/8 RV (1~230 V, 50 Hz)		
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