

Series description: Wilo-Initial Drain

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Construction

Submersible drainage pump

Application

Pumping of

- Sewage without faeces or long-fibre constituents
- Wastewater

Equipment/function

- Connection cable with plug
- Fitted float switch
- Thermal motor protection

Scope of delivery

- Pump with a 10 m cable, mains plug and fitted float switch
- Hose connection nozzle \varnothing 24/32 mm and thread Rp 1"
- Installation and operating instructions

Type key

Example	Wilo-Initial DRAIN 10-7
Initial	Wilo-Initial Line
DRAIN	Standard
10	Rated volume flow in m³/h
-7	Rated delivery head in m

Technical data

- Mains connection 1~ 230 V, 50 Hz
- Protection class: IP68
- Max. immersion depth: 5 m
- Fluid temperature: +3 to +35 °C
- Cable length: 10 m
- Pressure port: G 1½

Materials

- Motor housing: Galvanised Fe 370
- Pump housing: PP
- Impeller: PA6 GF30
- Shaft: 1.4005 (AISI 416)
- Lip seal: NBR
- Gasket: NBR

Your advantages

- Automatic motor protection provided by the temperature sensor
- Automatic mode due to the float switch
- Excellent reliability due to its robust material and double gasket

Series description: Wilo-Initial Drain

Description/construction

Submersible pump for stationary and portable wet-well installation in fully automatic mode with attached float switch.

Hydraulics

The pumps in the Initial Drain series are equipped with a radial impeller and have a free ball passage of 5 mm.

The pressure connection is an Rp 1½ horizontal threaded connection.

Motor

Submersible motor in a single-phase AC version and integrated thermal overload protection with automatic reactivation.

Cable

The pump is equipped with a 10 m connection cable with shockproof plug and an attached float switch.

Product list: Wilo-Initial Drain

Product description	Mains connection	Optimal volume flow Q_{opt}	Article number
Initial DRAIN 10-7	1~230 V, 50 Hz	8.667 m ³ /h	4168021
Initial DRAIN 13-9	1~230 V, 50 Hz	10.27 m ³ /h	4186548

Data sheet: Initial DRAIN 10-7

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	General impeller
Free ball passage of the hydraulics	5 mm
Min. fluid temperature T_{\min}	5 °C
Max. fluid temperature T_{\max}	35 °C
Min. ambient temperature T_{\min}	1 °C
Max. ambient temperature T_{\max}	35 °C

Materials

Pump housing	PP
Impeller	PA-GF30
Shaft	1.4005
Shaft seal	BQ1PFF
Gasket material	NBR
Motor housing	1.4301

Information for order placements

Brand	Wilo
Product description	Initial DRAIN 10-7
EAN number	4048482250830
Article number	4168021
Net weight, approx. m	5 kg
Gross weight, approx. m	5.5 kg
Length with packaging	200 mm
Height with packaging	397 mm
Width with packaging	230 mm
Packaging property	Sales packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	0.37 kW
Rated current I_N	3.00 A
Rated speed n	2800 rpm
Power consumption $P_{1\max}$	550.0 W
Max. switching frequency t	60 1/h
Activation type	Direct online (DOL)
Insulation class	F
Protection class motor	IP68

Installation dimensions

Pipe connection on the suction side	-
DNs	
Pipe connection on the pressure side	Rp 1½
DNd	

Data sheet: Initial DRAIN 13-9

Hydraulic data

Maximum operating pressure p	10 bar
Impeller type	General impeller
Free ball passage of the hydraulics	5 mm
Min. fluid temperature T_{\min}	5 °C
Max. fluid temperature T_{\max}	35 °C
Min. ambient temperature T_{\min}	1 °C
Max. ambient temperature T_{\max}	35 °C

Materials

Pump housing	PP
Impeller	PA-GF30
Shaft	1.4005
Shaft seal	BQ1PFF
Gasket material	NBR
Motor housing	1.4301

Information for order placements

Brand	Wilo
Product description	Initial DRAIN 13-9
EAN number	4048482391731
Article number	4186548
Net weight, approx. m	5 kg
Gross weight, approx. m	5.7 kg
Length with packaging	200 mm
Height with packaging	397 mm
Width with packaging	230 mm
Packaging property	Sales packaging
Packaging type	Cardboard box
Minimum order quantity	1

Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Rated power P_2	0.50 kW
Rated current I_N	3.50 A
Rated speed n	2800 rpm
Power consumption $P_{1\max}$	750.0 W
Max. switching frequency t	60 1/h
Activation type	Direct online (DOL)
Insulation class	F
Protection class motor	IP68

Installation dimensions

Pipe connection on the suction side DNs	-
Pipe connection on the pressure side DNd	Rp 1½