

GRUNDFOS

Nazwa firmy:

Autor:

Telefon:

Dane:

Pozycja	Ilo	Opis
	1	<p>MOG.09.1.2</p>  <p>Uwaga! Zdjęcie produktu może się różnić od aktualnego</p> <p>Nr katalogowy: 97901124</p> <p>Supplied as complete unit ready for installation, the Multilift consist of a fully integrated collecting tank with grinder pump and submersible motor mounted on the collecting tank and a pre-wired Controller incl. a level sensor. (Non-return valves and discharge pipes are available as accessories)</p> <p>The fully integrated collecting tank has all necessary ports for the connection of inlet pipe, discharge pipe, vent pipe and a manually operated diaphragm pump (accessory).</p> <p>The collecting tank contains 7 inlet sockets around it's shape. The back inlet DN100 is placed on a patented inlet disk to connect all inlet pipe levels (centre) between 180 and 315mm stepless. DN100 and DN50 inlet sockets on each side. DN150, DN50 sockets on the top of the tank.</p> <p>Multilift corrosion free polyethylen collecting tanks are gas- and odour-proof as well as watertight , reduction of residual water and less sedimentation by chamfered bottom design.</p> <p>The grinder pump with Vortex impeller, submersible motor, oil chamber with physiological harmless oil filling between a mechanical cartridge shaft seal. Pump discharge with inner thread of 1 1/4 inch.</p> <p>An LC221 controller with microprocessor is equipped with display for full monitoring possibilities. The pump and sensor are connected to the controller with 10m cable and tube length. The power supply cable is 1,5m with plug (incl. phase inverter for 3 phase motor)</p> <p>Contactless, piezo resistive pressure sensor pluggable inside the cabinet, monitored by controller, accurate to the millimetre shown on display. Blockage free pressure tube inside the tank without movable parts inside wastewater.</p> <p>The controller offer thermal motor protection and monitoring of pump operation. The thermal motor protection consists of thermal switches in the winding.</p> <p>Controller functions:</p> <ul style="list-style-type: none">• on/off control of one grinder pump based on a continuous signal from a piezo-resistive sensor• motor protection via motor-protective circuit breaker and/or current measurement as well as connection of thermal switches.• dry running motor protection via run-time limitation with a following emergency operation• 24h automatic test runs during long periods of inactivity• setting of delay times:<ul style="list-style-type: none">- stopping delay (time from the stop level is reached till the pumped is stopped)- starting delay (time from the start level is reached till the pumped is started)- alarm delay (time from a fault appears till an alarm is indicated) to prevents short-time high-level alarm in case of temporary high inflow to the tank.

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		<ul style="list-style-type: none">• automatic current measurement for alarm indications• operating indication of:<ul style="list-style-type: none">- operating mode (auto, manual)- operating hours- impulses (number of starts)- highest measured motor current• alarm indication of:<ul style="list-style-type: none">- pump status (running, fault)- phase-sequence fault and missing phase- thermal-switch failure- high-water alarm- time for service/maintenance (selectable).• selection of automatic alarm resetting• fault log of up to 20 alarms• selection between different start levels• selection of connected sensor type• calibration of sensor (preset)• selection of maintenance interval (0, 3, 6 or 12 months). <p>As standard, the LC 221 has 4 potential-free outputs for:</p> <ul style="list-style-type: none">– pump running– pump failure– high water-level alarm– common fault. <p>6 digital inputs for the following functions:</p> <ul style="list-style-type: none">– connecting a pressure sensor board (pre-assembled)– connecting an analogue sensor (4-20mA or 0-5V)– connecting up to four level switches or pressure switches instead of analogue sensor– connecting a separate level switch to be used for flood detection outside the Multilift. Lifting stations are often installed in a sump inside the basement - the lowest point in the building. In case of e.g. groundwater inflow or water pipe burst, an alarm will be indicated by the controller.– connecting an external alarm reset– connecting the thermal switch of the motor. <p>The Multilift range is designed due to the standard EN12050-1, approved and monitored by external institute LGA. Further approvals are VDE, GHOST, CB, EMV</p> <p>Techniczne: Typ wirnika: Z ROZDRABNIACZEM</p> <p>Materiały: Uszczelka: SIC/SIC</p> <p>Ciecz: Max. temperatura cieczy: 40 °C</p> <p>Dane elektryczne: Liczba biegunów: 2 C praca: 150 µF Moc wej ciowa P1: 1.4 kW Nominalna moc silnika - P2: 0.9 kW Cz stotliwo podstawowa: 50 Hz Napi cie nominalne: 1 x 230 V Tolerancja napi cia: +10/-10 % Rozruch: bezpo redni Max zał cze na godzin : 60</p>

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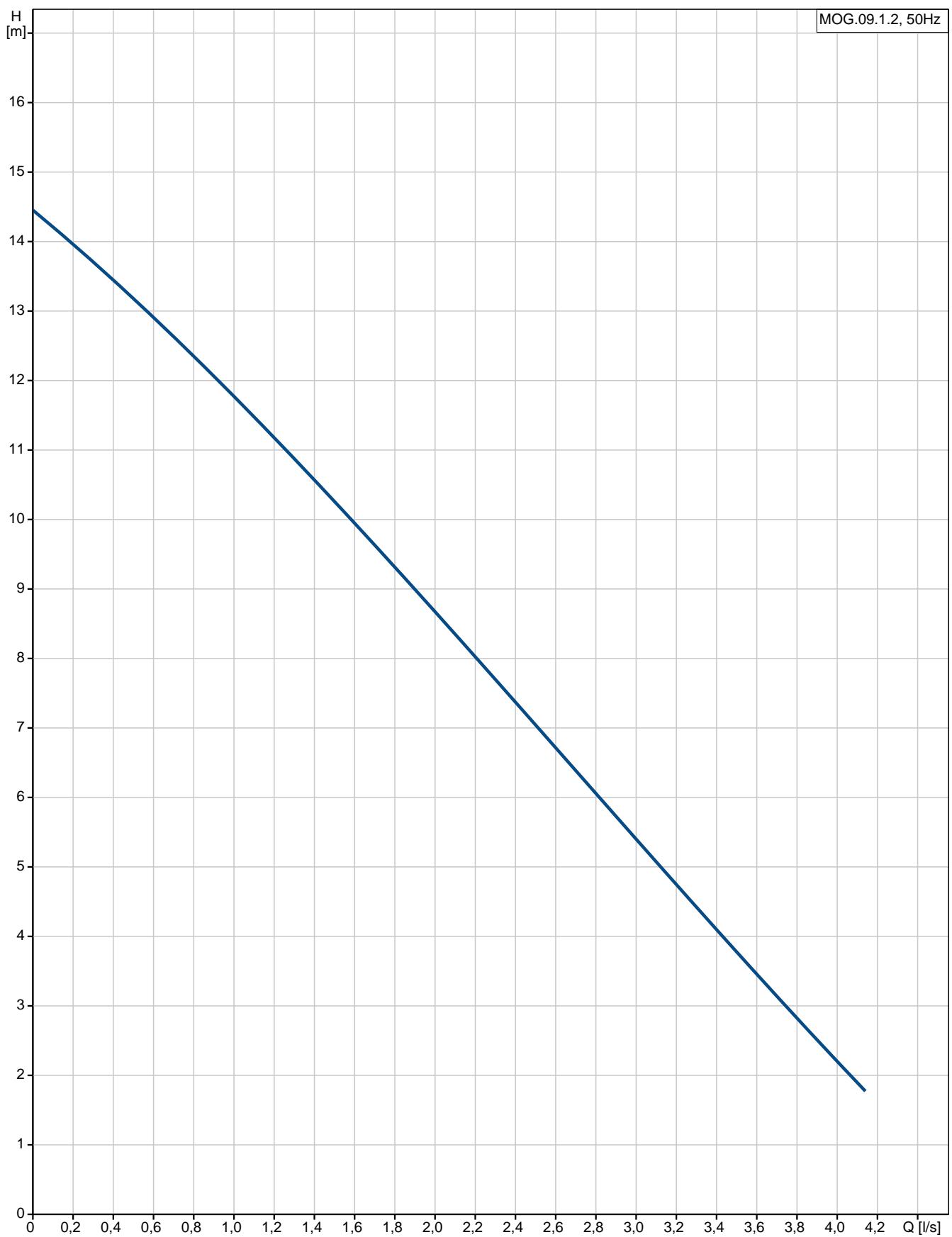
Pozycja	Ilo	Opis
		<p>Pr d znamionowy: 6.2 A Cos phi - współczynnik mocy: 0,99 Pr dko nominalna: 2890 obr/min Sprawno silnika przy pełnym obcienu: 71 % Wielko kondensatora - praca: 150 µF Rodzaj ochrony (IEC 34-5): IP68 Klasa izolacji (IEC 85): F Rodzaj wtyczki kabla: SCHUKO Kabel zasilajcy: 1.5 m</p> <p>Układy sterowania: Typ szafy sterującej: LC221.1</p> <p>Zbiornik: Całkowita pojemność zbiornika: 93 l Całkowita pojemność ujtkowa zbiornika - wlot 180 mm: 23 l Całkowita pojemność ujtkowa zbiornika - wlot 250 mm: 37 l Total effective volume of collecting tank at 315 mm inlet: 50 l</p>

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97901124 MOG.09.1.2 50 Hz



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Dane:

Opis	Warto
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Informacje ogólne:

Nazwa wyrobu:	MOG.09.1.2
Pozycja	
Nr katalogowy:	97901124
Numer EAN:	5710626081240
Cena:	Na życzenie

Techniczne:

Max flow:	4.1 l/s
H max:	14.4 m
Typ wirnika:	Z ROZDRABNIACZEM

Materiały:

Uszczelka:	SIC/SIC
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Ciecz:

Max. temperatura cieczy:	40 °C
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Dane elektryczne:

Liczba biegów:	2
C praca:	150 µF
Moc wej ciowa P1:	1.4 kW
Nominalna moc silnika - P2:	0.9 kW
Cz stotliwo podstawowa:	50 Hz
Napi cie nominalne:	1 x 230 V
Tolerancja napi cia:	+10/-10 %
Rozruch:	bezpo redni
Max zał cze na godzin :	60
Pr d znamionowy:	6.2 A
Cos phi - współczynnik mocy:	0,99
Pr dko nominalna:	2890 obr/min
Sprawno silnika przy pełnym obci eniu:	71 %

Wielko kondensatora - praca:	150 µF
Rodzaj ochrony (IEC 34-5):	IP68
Klasa izolacji (IEC 85):	F
Zabezpieczenie silnika:	Ł cznik termiczny
Długo kabla:	10 m
Typ kabla:	H07RN-F
Rodzaj wtyczki kabla:	SCHUKO
Kabel zasilaj cy:	1.5 m H05 VV-F

Układy sterowania:

Typ szafy steruj cej:	LC221.1
Tryb pracy:	S3-35%, 1MIN

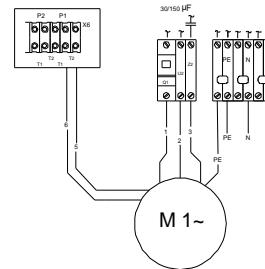
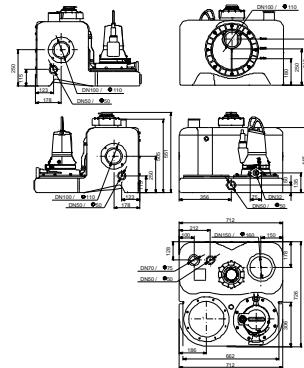
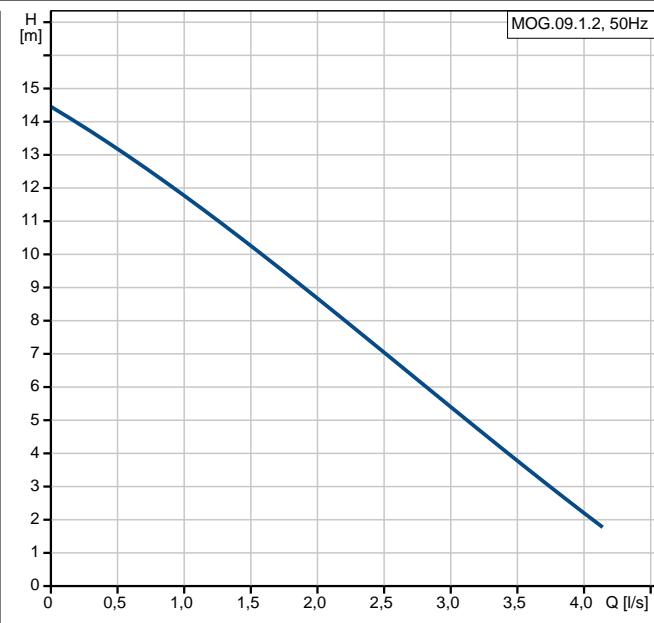
Zbiornik:

Całkowita pojemno zbiornika:	93 l
Całkowita pojemno u ytkowa zbiornika -	23 l

wlot 180 mm:	
Całkowita pojemno u ytkowa zbiornika -	37 l

wlot 250 mm:	
Total effective volume of collecting tank at 50 l	

315 mm inlet:



GRUNDFOS®



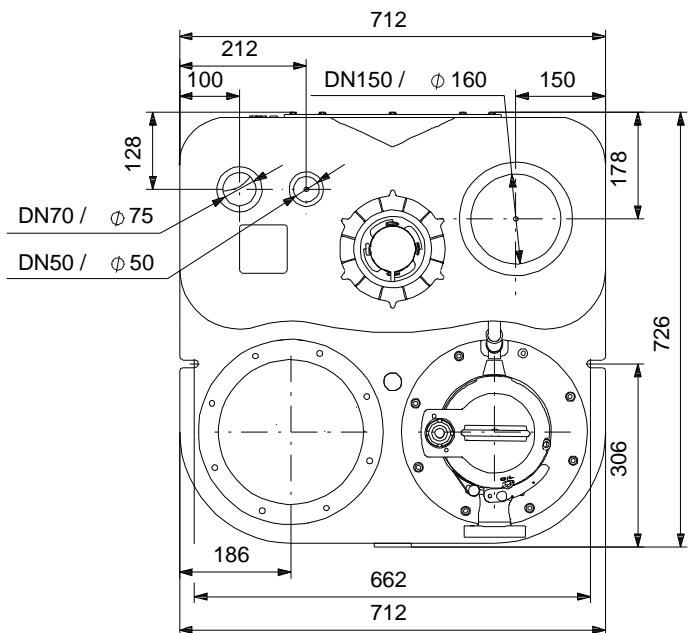
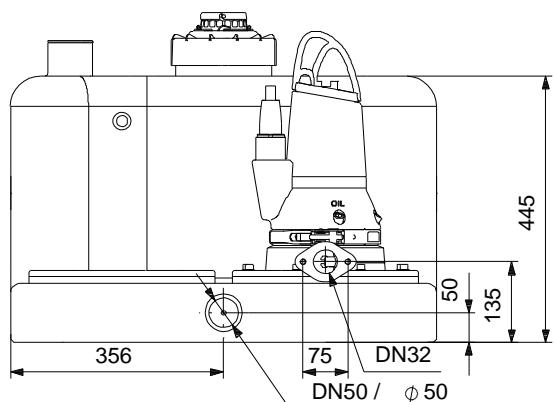
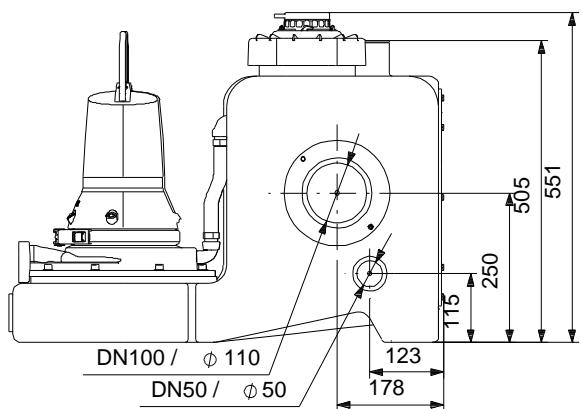
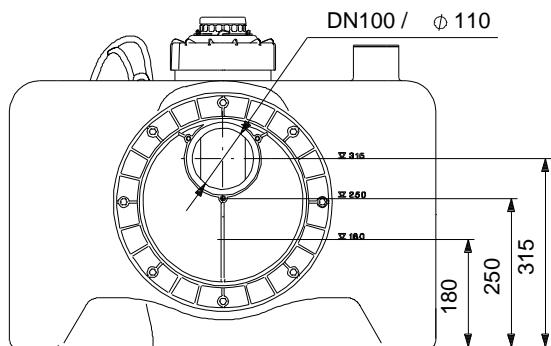
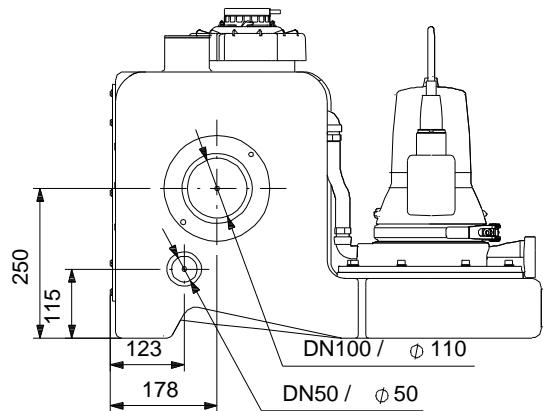
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97901124 MOG.09.1.2 50 Hz



Uwaga! Wszystkie wymiary podane są w [mm] jeśli nie zaznaczono inaczej.
Oświadczenie: Rysunki uproszczone nie pokazują wszystkich szczegółów.