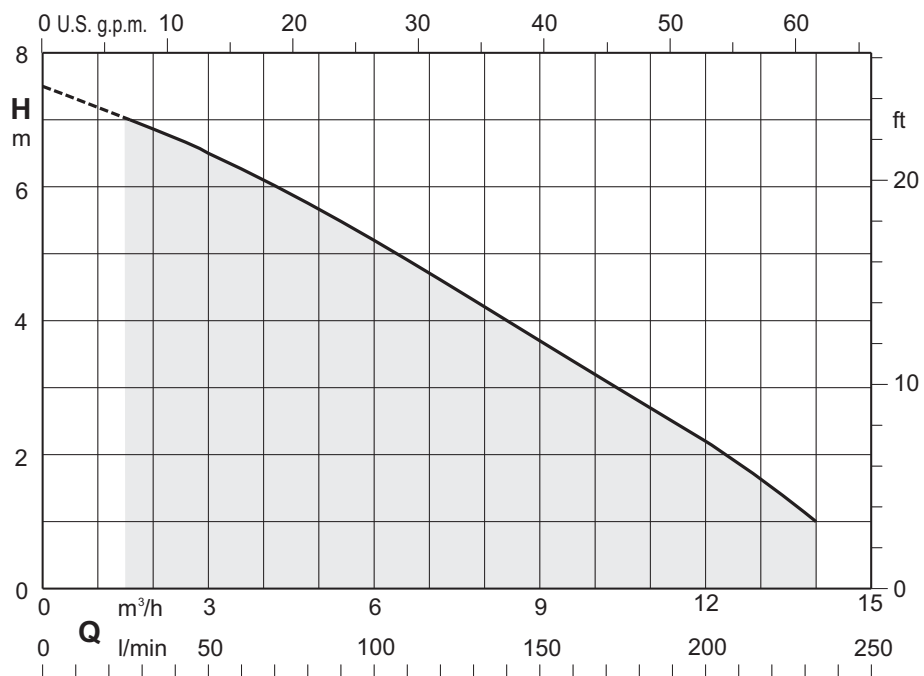


GM 10-8



Coverage chart $n \approx 2900$ rpm



Submersible drainage pump

GM 10-8



Construction

Submersible drainage pump constructed with composite polymers developed especially for this product.

Double shaft seal with oil chamber.

Small dimensions and great performance, for use in a wide variety of applications, for flow rates up to 233 litres per minute.

With float switch for automatic start and stop.

Applications

For clean or slightly dirty water.

For draining flooded rooms or tanks.

Extraction of water from ponds, flowing water or pits for collection of rain water.

For irrigation.

For use outdoor, the power supply cable shall have a length not less than 10 m.

Operating conditions

Maximum liquid temperature for prolonged use: 35 °C (with immersed motor).

Immersion depth: 5 m max (with suitable cable length).

Continuous duty.

Motor

2-pole induction motor, 50 Hz ($n \approx 2900$ rpm).

Single-phase 230 V $\pm 10\%$, with thermal protector.

Incorporated capacitor

H05RN-F cable, 3G0.75 mm², length 5 m, with CEI-UNEL 47166 plug.

Insulation class F.

Protection IP X8.

Double impregnation humidity-proof dry winding.

Materials

Components	Materials
Pump casing	PP+30FV Polypropylene
Cover	PP+30FV Polypropylene
Impeller	PPO-GF20 (Noryl)
motor jacket	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)
Jacket cover	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)
Handle	Polypropylene (with frame made of AISI 304)
Shaft	Steel 1.4104 EN 10088 (AISI 430)
Mechanical seal	Alumina/Carbon/NBR
Seal lubrication oil	Oil for food/pharmaceutical machinery

Special features on request

Other voltages.

Frequency 60 Hz (as per 60 Hz data sheet).

Other mechanical seal.

- Vertical magnetic float switch.

Without float switch.

With elbow on discharge port.

Designation

Example: GM 10-8

GM = Series

M = Single-phase

10 = Solids passage diameter

8 = Total head in m indoors

Coverage chart $n \approx 2900$ rpm

Single-phase

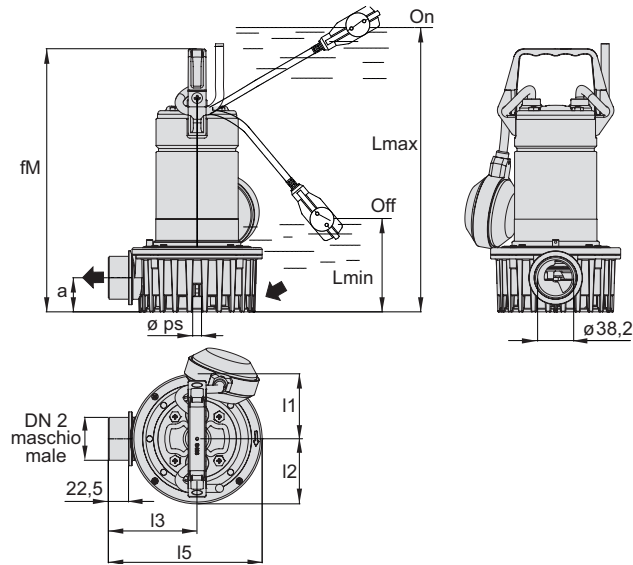
					Q = Flow							
					m ³ /h	0		1,2	3	6	9	12
Model	230V	P2		P1	l/min		20	50	100	150	200	233
					H (m) = Total head							
GM 10-8	A	kW	HP	kW		7,5	7	6,4	5,2	3,8	2,2	1

P1: Maximum power input.

P2: Rated motor power output.

H: Total head in m

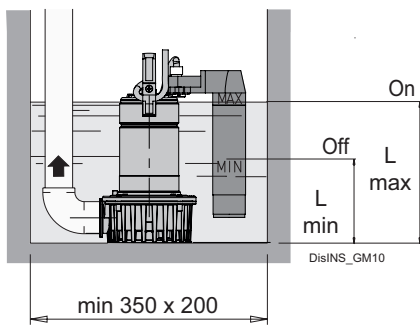
Dimensions and weights



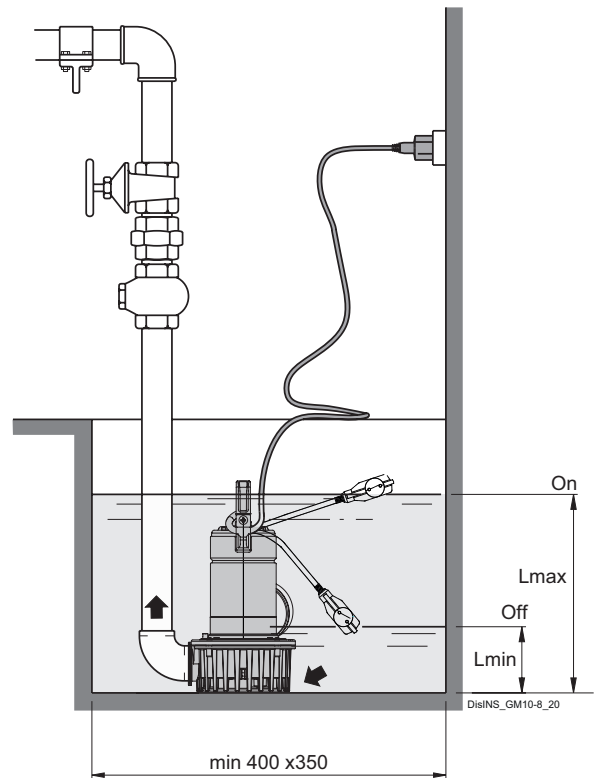
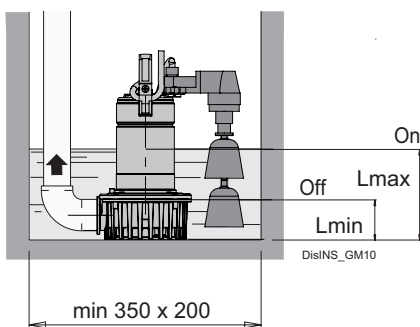
TYPE	ISO 228	mm								
	DN2	a	fM	l1	l2	l5	l5	Lmax	Lmin	ps
GM 10-8	G1 1/2	38	293.4	72.5	72.5	99	171,5	370	110	10

Installation examples with vertical magnetic float switch

Examples of installations



TYPE	ISO 228	mm								
	DN2	a	fM	l1	l2	l5	l5	Lmax	Lmin	ps
GM 10-8 GF	G1 1/2	38	293.4	72.5	72.5	99	171,5	218	128	10



TYPE	ISO 228	mm								
	DN2	a	fM	l1	l2	l5	l5	Lmax	Lmin	ps
GM 10-8 GFA	G1 1/2	38	293.4	72.5	72.5	99	171,5	142	62	10