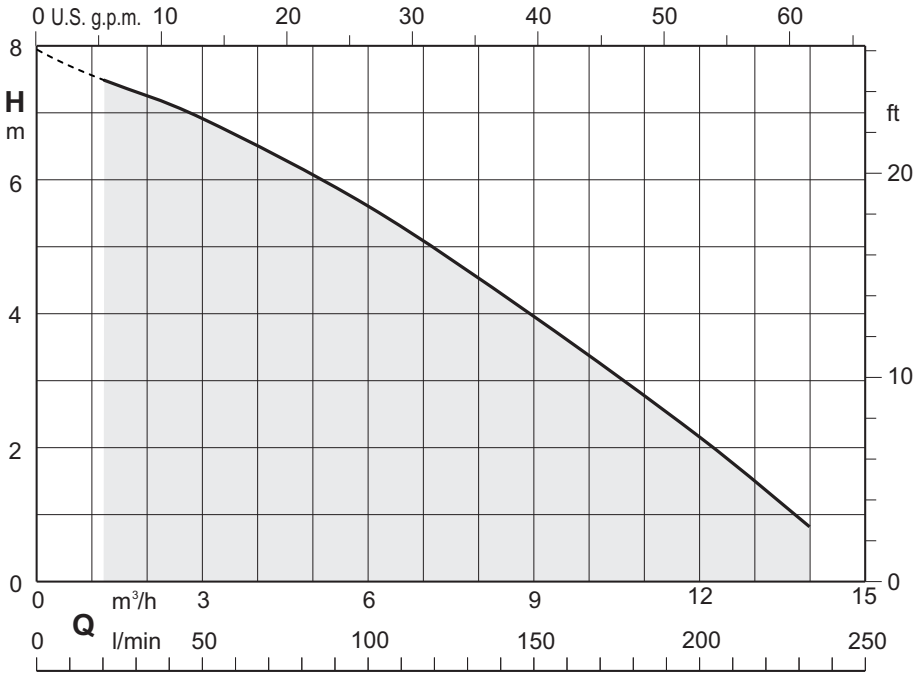
GM 10-8 60 Hz



Coverage chart n ≈ 3450 1/min



Submersible drainage pump

GM 10-8 60 Hz

Construction

Submersible drainage pump constructed with composite polymers developed especially for this product.
Double shaft seal with oil chamber.
Compact in size yet delivering excellent performance, this pump is suitable for a wide range of applications,
Equipped with float switch for automatic start and stop.

Applications

For clean or slightly dirty water.
For draining flooded rooms or tanks.
Water extraction from ponds, flowing streams, or pits for rainwater collection.
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, 60 Hz (n ≈ 3450 1/min).
Single-phase 230 V ± 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.
Other mechanical seal.
Vertical magnetic float switch.
Without float switch.
With elbow on discharge port.

Designation

Esempio: GM 10-8-60
GM = Series
M = Single-phase
10 = Solids passage diameter
8 = Total head in m indoors
60 = Frequency 60 Hz

Performance n ≈ 3450 1/min

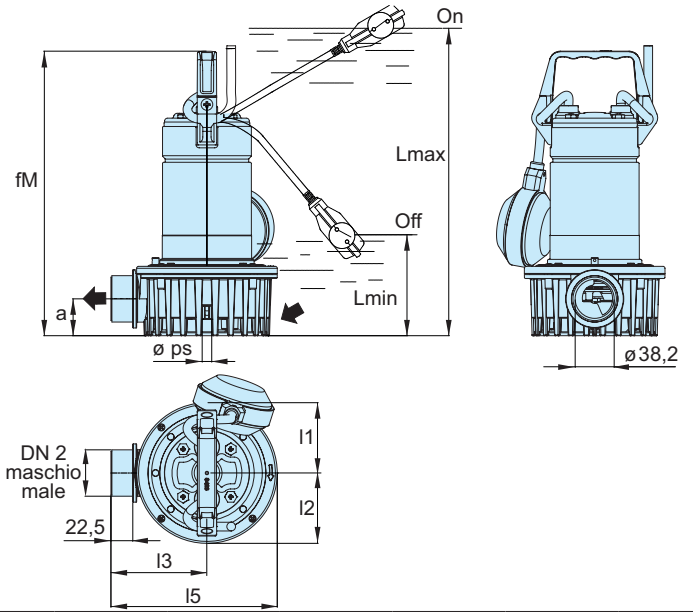
Single-phase

							Q = Flow							
							m³/h	0	1,2	3	6	9	12	14
Model	220V	Capacitor		P2		P1	l/min		20	50	100	150	200	233
	A	Vc	uf	kW	HP	kW	H (m) = Total head							
GM 10-8-60	2,3	450	8	0,25	0,34	0,48		7,9	7,5	6,9	5,6	4	2,2	0,8

P1: Maximum power input.
P2: Rated motor power output.
H: Total head in m

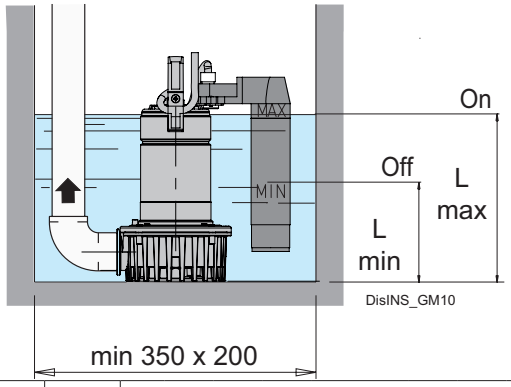
GM 10-8 60 Hz

Dimensions and weight

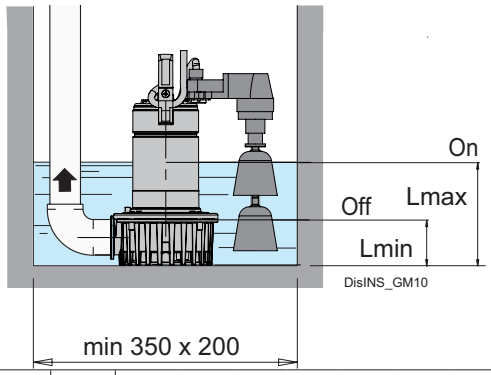


TYPE	ISO 228	mm									kg
	DN2	a	fM	l1	l2	l3	l5	Lmax	Lmin	ps	Weight
GM 10-8-60	G1 1/2	38	293.4	72.5	72.5	99	171,5	370	110	10	4.4

Installation examples with vertical magnetic float switch



TYPE	ISO 228	mm									kg
	DN2	a	fM	l1	l2	l3	l5	Lmax	Lmin	ps	Weight
GM 10-8-60 GF	G1 1/2	38	293.4	72.5	72.5	99	171,5	370	110	10	4.6



TYPE	ISO 228	mm								
	DN2	a	fM	l1	l2	l3	l5	Lmax	Lmin	ps
GM 10-8-60 GFA	G1 1/2	38	293.4	72.5	72.5	99	171,5	370	110	10

Examples of installations

