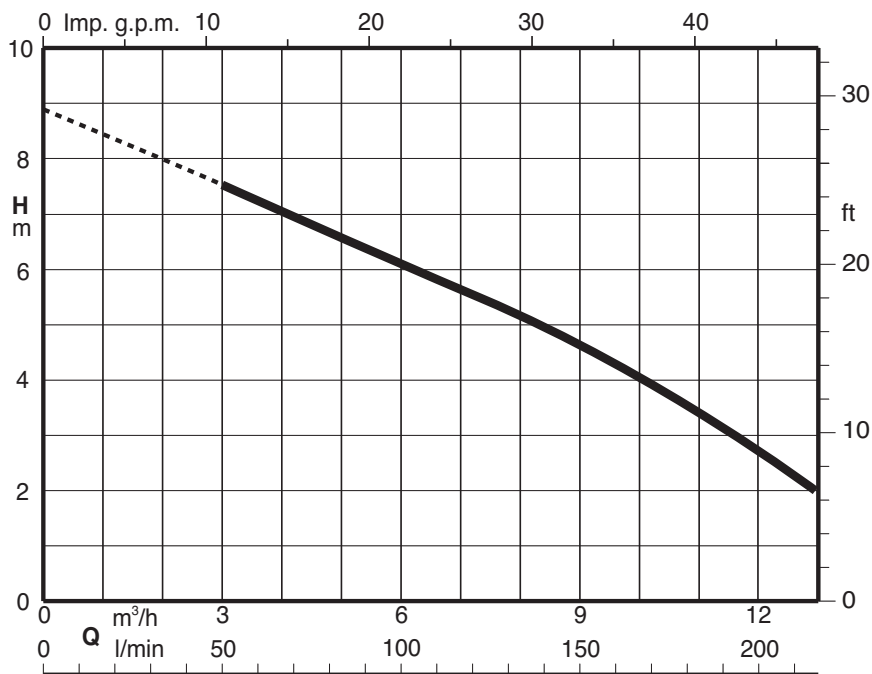


GM 5-9



Coverage chart n ≈ 2800 rpm



Submersible drainage pump

GM 5-9



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 217 litres per minute.

With float switch for automatic start and stop.

Applications

For clean water with suspended solids up to a diameter of 5 mm.

For draining flooded rooms or tanks.

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

For irrigation.

Operating conditions

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

Immersion depth: 5 m max.

Motor

2-pole induction motor, 50 Hz ($n \approx 2800$ 1/min).

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

Incorporated capacitor

Cable H05RN-F, 3G0,75 mm²: with plug, length 10 m, 245IEC57, according to EN 60335-2-41 for pumps up to 10 kg.

Insulation class F.

Protection IP 68.

Materials

Components	Materials
Pump casing	PP+GF30
Impeller	PA66+GF30
motor jacket	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)
Pump jacket	PP+GF30
Filter	PP+GF30
Handle	PP+GF30
Shaft	Steel C45E EN 10083-2
Mechanical seal	Graphite/Ceramic/NBR

Performance $n \approx 2800$ rpm

Single-phase

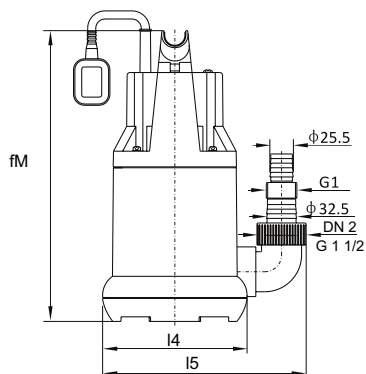
Model	230V	P2			P1	Q = Flow											
		kW	HP	kW		m ³ /h	0	1,2	3	6	9	12	13				
	A																
GM 5-9	2,4	0,33	0,45	0,55		8,9	8,2	7,6	6,1	4,7	2,8	2					

P1: Maximum power input.

P2: Rated motor power output.

H: Total head in m

Dimensions and weights



TYPE	DN2	mm					kg
		fM	I4	I5	Lmax	Lmin	
GM 5-9	G 1 1/2	316	157	222	340	120	4.7

Examples of installations

