water passion

1959

WHO WE ARE

WE WANT TO CONTINUE THAT WHICH WAS STARTED MANY YEARS AGO BY VINICIO METTIFOGO, FOUNDER AND PIONEER.

Calpeda is a family owned company with an history of 61 years.
Today, we are a reality that has evolved over the years, always looking to the future with a spirit that has brought us to being a respected reference point in the great world of water.
Our history has taken our tradition and strength to you, acknowledged for our professionalism, quality, reliability and service.

تهران، کیلومتر۲۱ بزرگراه لشگری (جاده مخصوص کرج)، روبروی پالایشگاه نفت پارس، پلاک ۱۲   Tel:۰۲۱ - ۴ ۸ ۰ ۰ ۰ ۰ ۴ ۹   Fax:۰۲۱ - ۴۴۹۹۴۶۴۲

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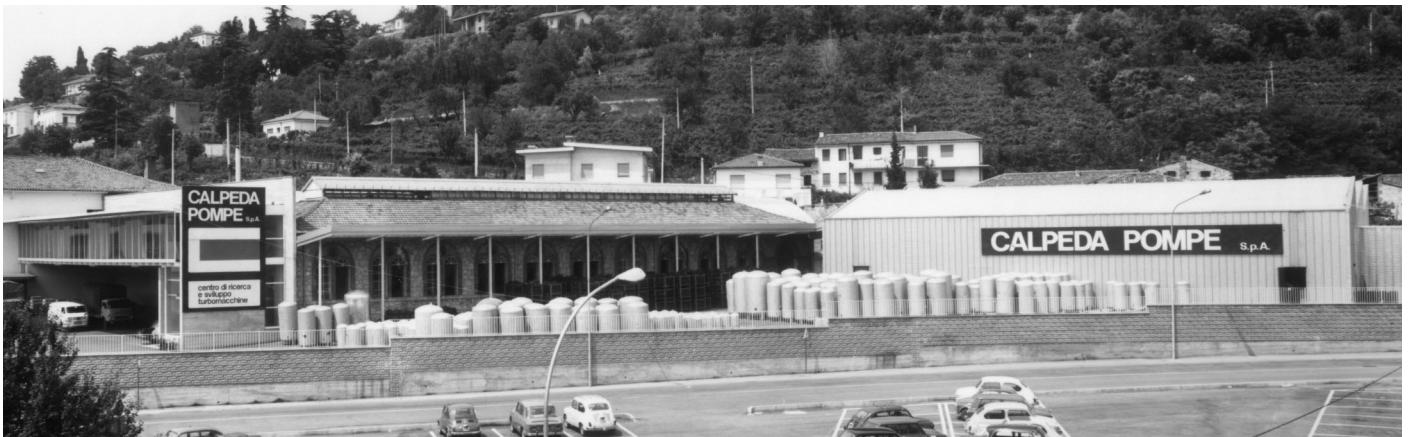
2020

CALPEDA TODAY

Employees: 250
Offices: Montorso V. (Vicenza) Italy
Main factory: 30,000 sq. metres (covered)
Types of pumps: more than 2,000
Power outputs: from 0.5 kW to 200 kW

GM 10

Submersible Drainage Pump

calpeda

Construction

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

These new rustproof materials are resistant to corrosion, indeformable at maximum temperature differentials in the pump and motor and resistant to internal and external strain.

Shaft of chrome steel AISI 430. Three lip seals in NBR.

With float switch for automatic start/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 purposes.
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).
Not suitable for continuous duty for prolonged time.

Motor

2-pole induction motor, 50 Hz (n ≈ 2900 rpm).
Single-phase 230 V ± 10%, with thermal protector.
Capacitor inserted in the housing incorporated in the plug.
Cable: with plug, length 5 m, 245IEC57 4 G 0,75 mm², according to EN 60335-2-41 for pumps up to 5 kg.
Insulation class B.
Protection IP X8.
Triple impregnation humidity-proof dry winding.

Special features on request

Other voltages.
Frequency 60 Hz (as per 60 Hz data sheet).
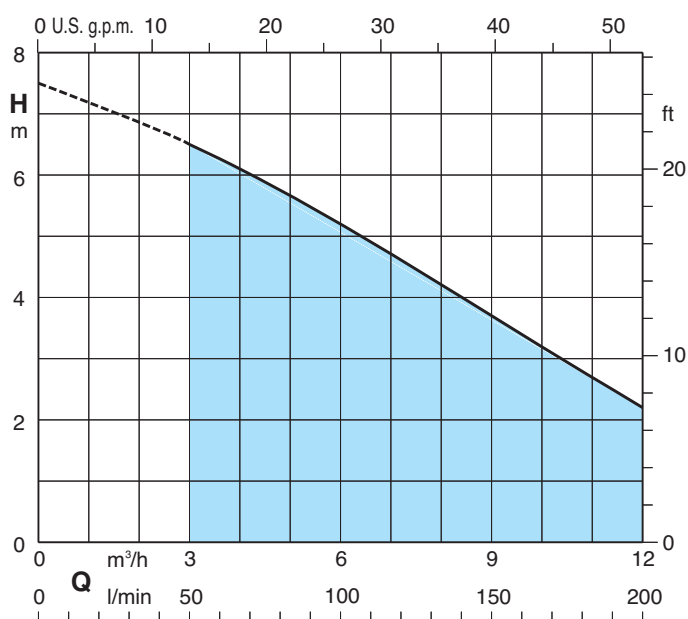Cable H07RN8-F, 4 G 1 mm², length 10 m, without plug.
Control box with capacitor, for pumps with cable without plug.
Without float switch.
With elbow on discharge port.
Motor suitable for operation with frequency converter.

Characteristic curve and performance n ≈ 2900 rpm

1~	230V	Capacitor		P₁	P₂		m³/h	0	3	6	9	12
	A	µF	V	kW	kW	HP	**Q** l/min	0	50	100	150	200
GM 10	1,75	6,3	450	0,4	0,3	0,4	**H** m	7,5	6,5	5,2	3,7	2,2

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

GM 10

Submersible Drainage Pump

calpeda®

Dimensions and weights

Weight kg 5

Control box (on request)

Type	Capacitor		Weight
QM 10	6,3 μF	450 V	0,4 kg
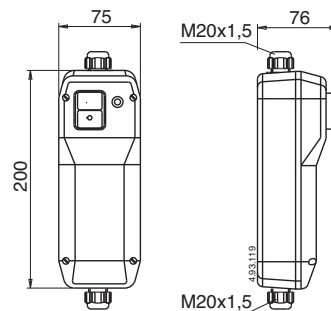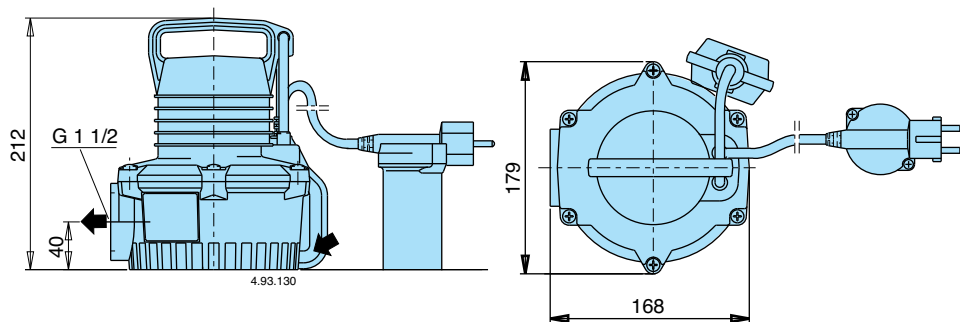
212

G 1 1/2

40

4.93.130

179

168

75

M20x1,5

76

200

M20x1,5

Installation examples

Avviamento

On

Arresto

Off

300

100

3.93.004/2

212

40

G 1 1/2
ISO 228

179 max

min 350 x 350

Features

Maximum reliability

A metal support ensures correct alignment between the pump shaft and the motor also in heavy duty conditions.
A threaded metallic insert in the delivery port allows for secure connection of the delivery pipe or fitting without any risk of damaging the pump.
A suction strainer prevents solids bigger than 8 mm grain size from entering the pump.

Compact

Minimum dimension and high levels of performance, for use in many different applications, for flow rates up to 200 liters/min.
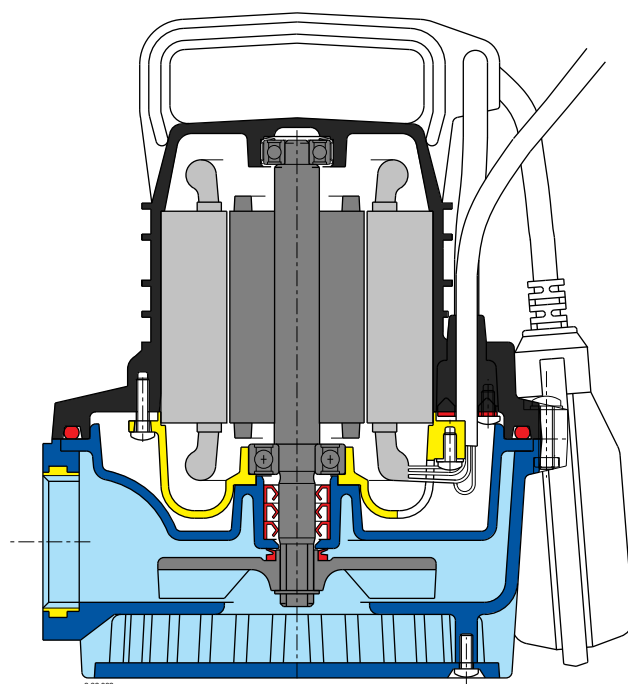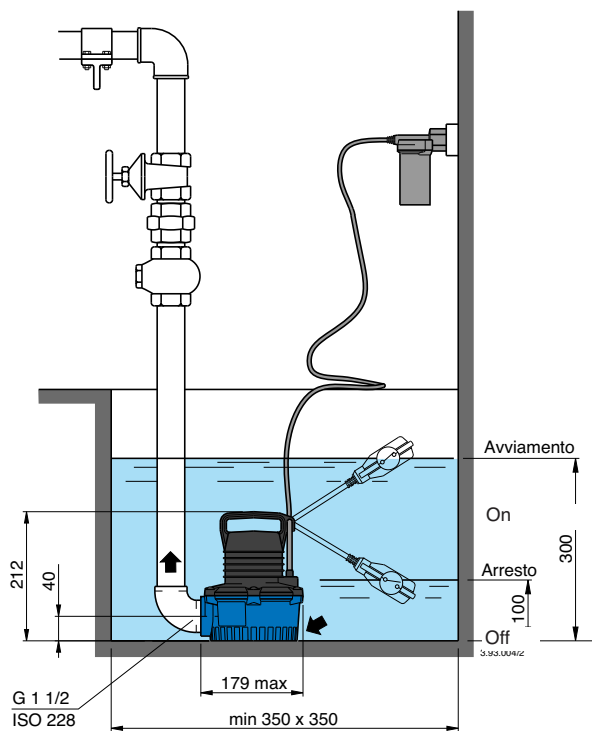
Low cost installation

Immersed without suction pipe and valve. No filling operations at start-up, no suction problems and greater safety against running dry.

3.93.003