

FAMCO
هایپر صنعت



water passion

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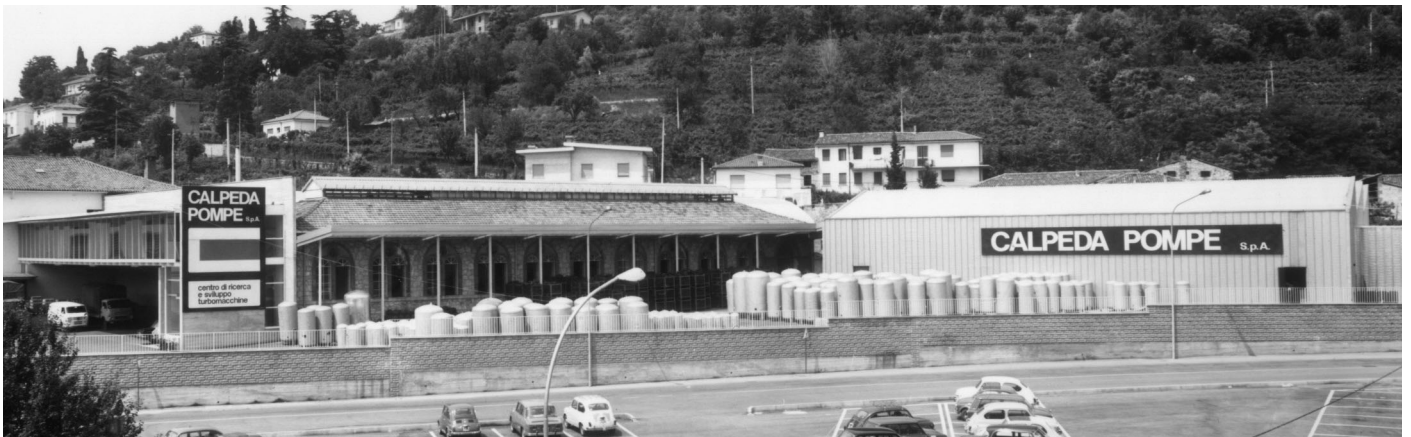
WHO WE ARE

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.



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



PATENTED



Materials

Component	Material
Pump casing Impeller	Cast iron GJL 200 EN 1561
Strainer Motor jacket Jacket cover Casing cover	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)
Handle	Polypropylene (with frame in AISI 304)
Shaft	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)
Mechanical seal: upper lower	Ceramic alumina/Carbon/NBR
Seal lubrication oil	Oil for food/pharmaceutical machinery

Construction

Single-impeller submersible drainage pump, with open impeller.
GQR: with vertical threaded delivery port (G 1 1/2).

GQR 10 32: with horizontal flanged and threaded delivery port (DN 32, PN 6 - G 1 1/2).

Double mechanical shaft seal with interposed oil chamber, to protect against dry-running.

Applications

For clean water containing solids up to 10 mm grain size.

For draining rooms or emptying tanks.

Extraction of water from ponds, streams or pits and for rainwater collection.

For irrigation purposes.

Operating conditions

Liquid temperature up to 35° C.

Maximum immersion depth: 5 m.

Minimum immersion depth: 205 mm.

Continuous duty (with submerged motor).

Motor

2-pole induction motor, 50 Hz (n ≈ 2900 rpm).

GQR: three-phase 230 V ± 10%;

three-phase 400 V ± 10%;

Cable: H07RN-F, 4G1 mm², length 10 m, without plug.

GQRM: single-phase 230 V ± 10%;

with float switch and thermal protector.

Incorporated capacitor.

Cable: H07RN-F, 3G1 mm², length 10 m, with plug

CEI-UNEL 47166.

Insulation class F.

Protection IP X8 (for continuous immersion)

Triple impregnation humidity-proof dry winding.

Constructed in accordance with: EN 60034-1;
EN 60335-1, EN 60335-2-41.

Other features on request

- Other voltages. - Frequency 60 Hz (as per 60 Hz data sheet).

- Other mechanical seal.

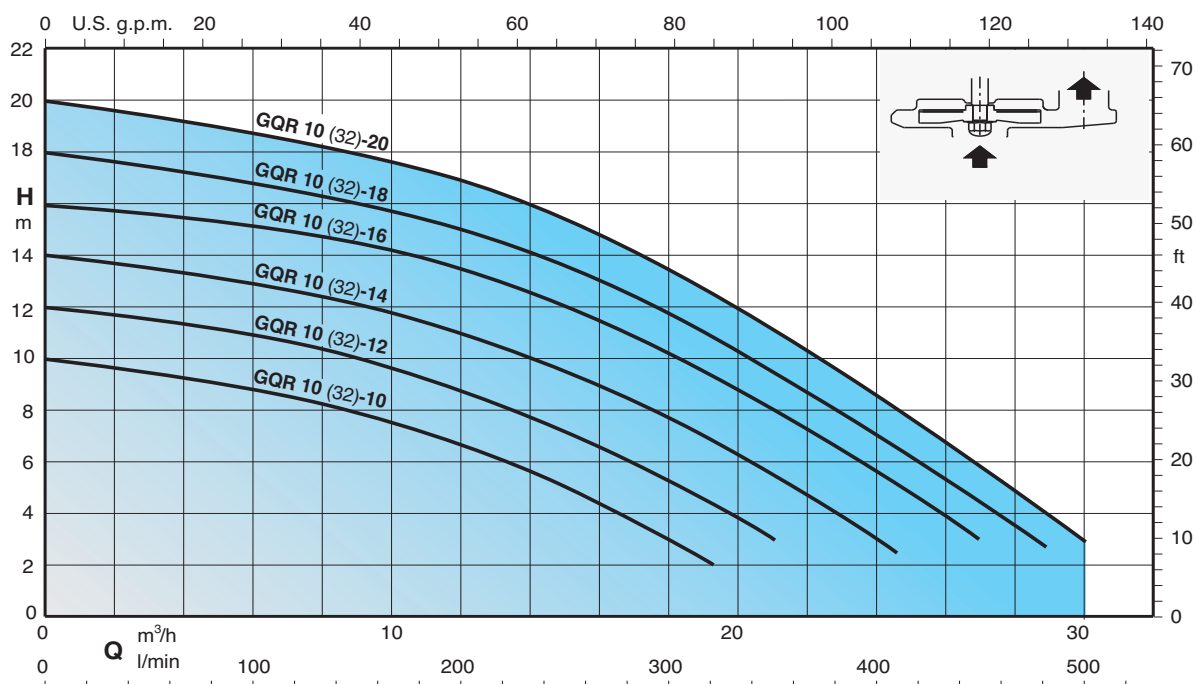
- Cable length 20 m.

- Vertical magnetic float switch.

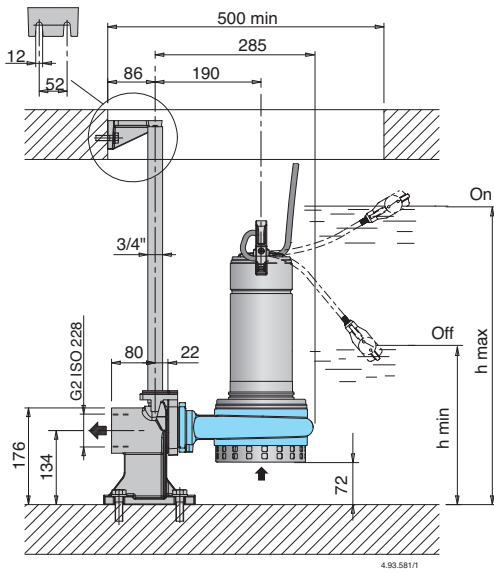
- Motor suitable for operation with frequency converter.

- Three-phase pumps with incorporated float switch.

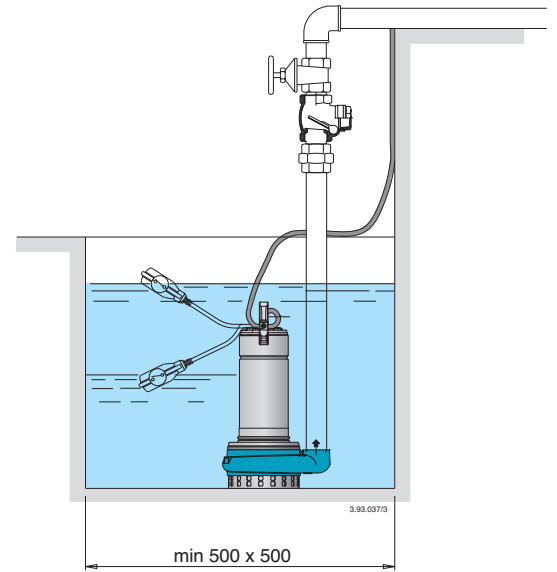
Characteristic curves n ≈ 2900 rpm



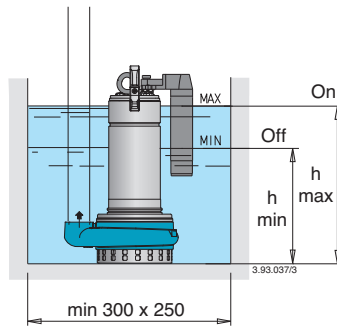
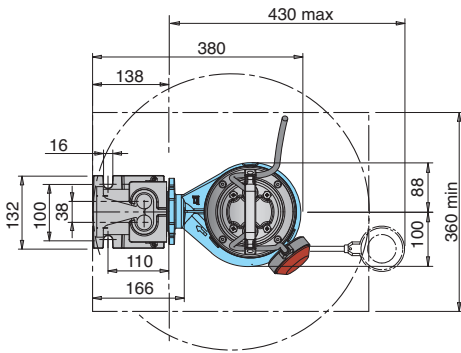
Installation examples



TYPE	mm	
	h max	h min
GQR(M) 10 32-10	487	282
GQR(M) 10 32-12	502	297
GQR(M) 10 32-14	502	297
GQR(M) 10 32-16	527	322
GQR(M) 10 32-18	547	342
GQR 10 32-20	547	342
GQRM 10 32-20	577	372

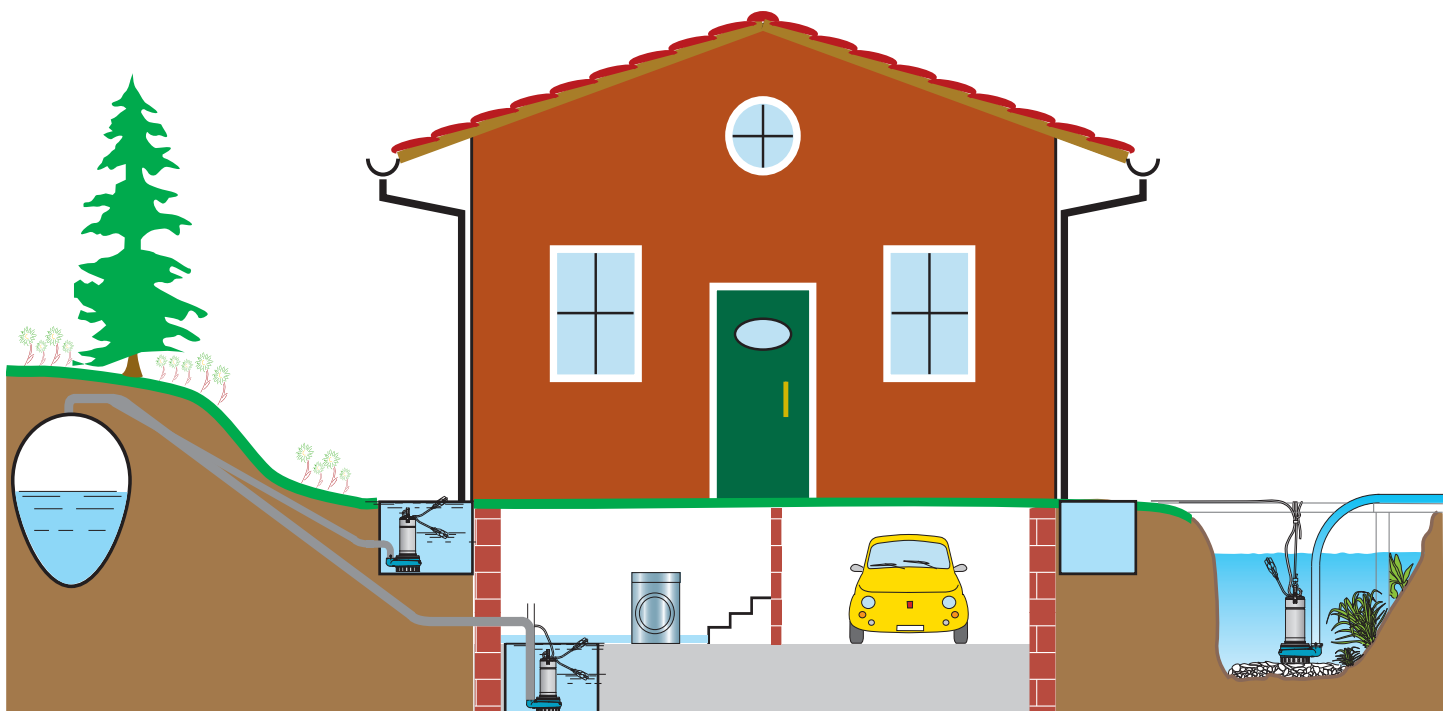


Installation examples with vertical magnetic float switch



TYPE	mm	
	h min	h max
GQRM 10-10 GF	225	315
GQRM 10-12 GF	240	330
GQRM 10-14 GF	240	330
GQRM 10-16 GF	265	355
GQRM 10-18 GF	285	375

Installation examples



Features

