



Construction

Medium-density polyethylene tank, resistant to corrosion, with minimum overall dimensions.
 GEO 40 single tank with 40 liters nominal capacity for the installation of a GXRM type.
 GEO 230 single tank with 230 liters nominal capacity for the installation of an electropump type GM 10, GQ, GX or GM series.
 Pipe kit for electropump connection.
 Two installation options: on the ground and underground.
 For underground installation, extensions can be used (maximum two extensions).
 Easy pump access through a cover fixed with screws.

Applications

Automatic waste water collecting and lifting stations, to handle domestic, civil and industrial waste water.

Designation

Example: GEO 40-GXRM 9
 GEO = Series
 40 = Nominal flow rate in litres
 GXRM 9 = Pump type

Example: GEO 230-GXVM 40
 GEO = Series
 230 = Nominal flow rate in litres
 GXVM 40-7 = Pump type

Example: GEO 500-2GXRM 40-7
 GEO = Series
 500 = Nominal flow rate in litres
 2GXRM 40-7 = Pump type

Automatic waste water collecting and lifting station

GEO 40



Pumps characteristics

GEO 40-GXRM

GEO 40-GXRM .GF



Characteristics

Automatic collecting and lifting station for clean water with GXRM pump type.

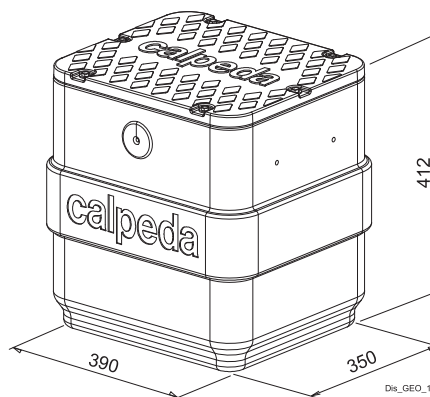
It includes:

- 1 40 lt capacity tank
- 1 single-phase pump with 5 m cable and float switch
- 1 non-return valve with clapet on the pump delivery side
- 1 discharge pipe kit arranged for the connection of a Ø 40 mm PVC pipe
- 1 PVC adapter nipple for 40 mm diameter inlet
- 1 hose connector for 25 mm diameter hose

On request:

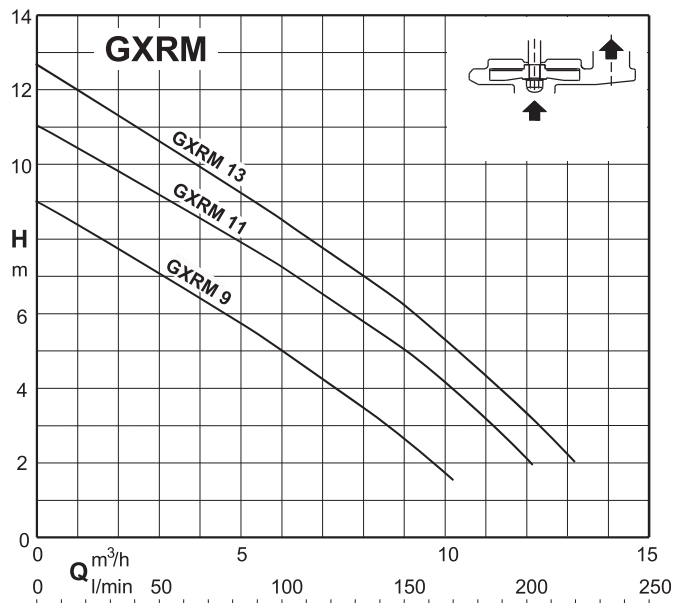
- 1 pump with 10 m cable

Type single-phase	1 ~ 230 V	1 ~ 230 V	Q max	H max
	kW	A		
GEO 40-GXRM 9	0,25	2,5	10,2	8,3
GEO 40-GXRM 9 GF	0,25	2,5	10,2	8,3
GEO 40-GXRM 11 GF	0,37	3,5	12	10,4
GEO 40-GXRM 13 GF	0,45	4,5	13,2	11,7



GXRM

Submersible drainage pumps made of chrome-nickel stainless steel, with vertical delivery port.
 Open impeller
 2-pole induction motor, 50Hz (n ≈ 2900 rpm), Single-phase 230 V +/-10% with float switch and thermal protector.
 - GXRM: with standard float switch.
 - GXRM .. GF: with vertical magnetic float switch.
 Cable length 5 m, Shuko plug.
 Liquid temperature up to 35° C.

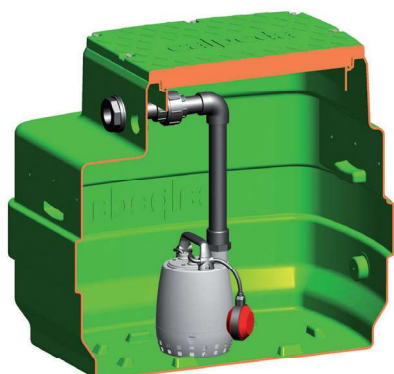


GEO 230



Pumps characteristics

GEO 230-GX..



Characteristics

Automatic collecting and lifting station
 - for clean water GXR pump series.
 - for waste water GXV pump series.

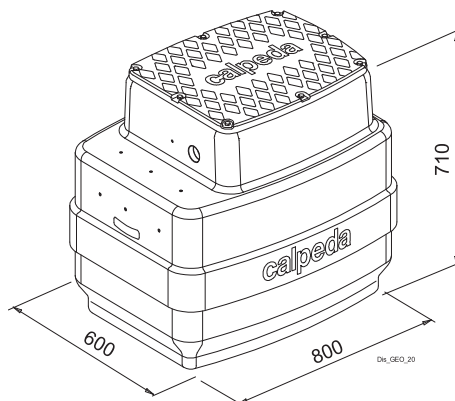
It includes:

- 1 tank capacity 230 l
- 1 single-phase pump with 5 m cable and float switch
- 1 discharge pipe kit Ø 40 mm in PVC

On request:

- 1 pump with 10 m cable
- 1 discharge pipe kit Ø 40 mm in PVC with a ball valve and non-return ball valve
- 1 support kit with safety float switch and auto-supplied control panel for remote alarm with horn and flashing light
- extension 300 mm

Type single-phase	1 ~ 230 V	1 ~ 230 V	Q max	H max
	kW	A	m ³ /h	m
GEO 230-GXVM 25-6	0,25	2,5	10,2	5,7
GEO 230-GXVM 25-8	0,37	3,5	12	7,8
GEO 230-GXVM 25-10	0,45	4,5	13,2	9,5
GEO 230-GXRM 9	0,25	2,5	10,2	8,3
GEO 230-GXRM 11	0,37	3,5	12	10,4
GEO 230-GXRM 13	0,45	4,5	13,2	11,7



GXRM, GXVM

Submersible drainage pump in chrome-nickel stainless steel, with vertical delivery port.

GXRM:with open impeller.

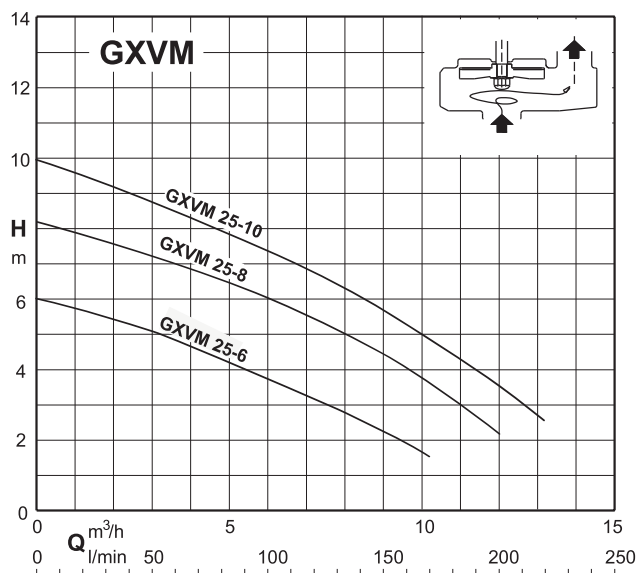
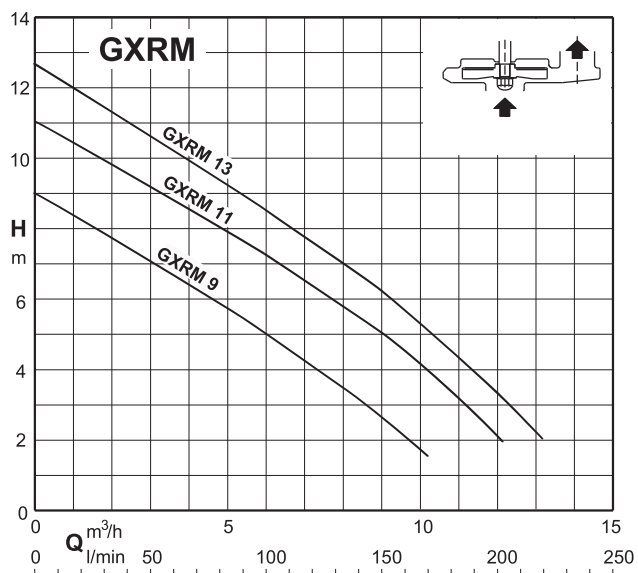
GXVM:with free-flow (vortex) impeller

2-pole induction motor, 50Hz (n ≈ 2900 rpm), Single-phase 230 V +/-10% with float switch and thermal protector.

Float switch for automatic operation.

5 m cable and control box QM 6,3 with capacitor.

Liquid temperature up to 35° C.

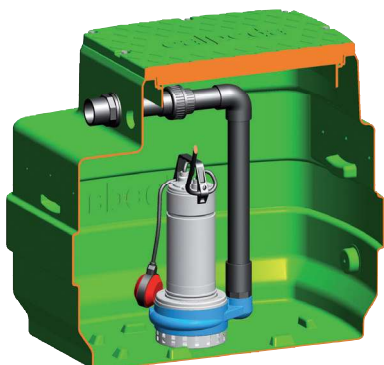


GEO 230



Pumps characteristics

GEO 230-GQR..



Characteristics

Automatic collecting and lifting station for clean water with GQR pump series.

It includes:

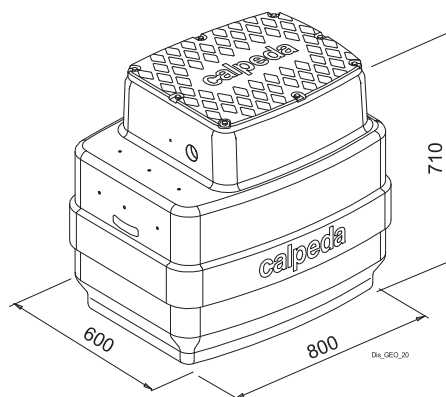
- 1 tank capacity 230 l
- 1 pump
 - single-phase with 10 m cable and float switch
 - three-phase with 10 m cable with support and float switch kit
- 1 control box for three-phase version
- 1 discharge pipe kit Ø 50 mm in PVC

On request:

- 1 discharge pipe kit Ø 50 mm in PVC with a ball valve and non-return ball valve
- 1 support kit with safety float switch and auto-supplied control panel for remote alarm with horn and flashing light
- extension 300 mm

Type single-phase	1 ~ 230 V	1 ~ 230 V	Q max	H max
	kW	A	m3/h	m
GEO 230-GQRM 10-10	0,45	3,1	18	9,5
GEO 230-GQRM 10-12	0,55	3,6	21	11,6
GEO 230-GQRM 10-14	0,75	4,6	24	13,5
GEO 230-GQRM 10-16	0,9	6	27	15,5
GEO 230-GQRM 10-18	1,1	8	30	17,5
GEO 230-GQRM 10-20	1,5	13	30	19,5

Type three-phase	3 ~ 400 V	3 ~ 400 V	Q max	H max
	kW	A	m3/h	m
GEO 230-GQR 10-10	0,45	1,2	18	9,5
GEO 230-GQR 10-12	0,55	1,4	21	11,6
GEO 230-GQR 10-14	0,75	1,6	24	13,5
GEO 230-GQR 10-16	0,9	2,3	27	15,5
GEO 230-GQR 10-18	1,1	2,8	30	17,5
GEO 230-GQR 10-20	1,5	3,8	30	19,5



GQR

Single-impeller submersible drainage pump, with vertical delivery port.

GQR:with open impeller.

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

GQR:three-phase 400 V +/-10%;

GQRM:Single-phase 230 V +/-10% with float switch and thermal protector.

Incorporated capacitor.

Float switch for automatic start and stop.

Cable length 10 m.

Liquid temperature up to 35° C.

