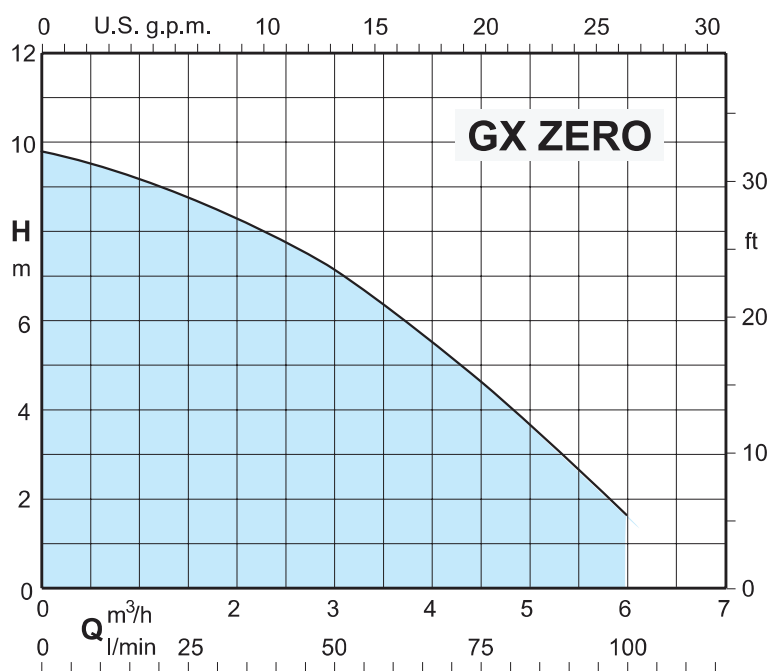


GX ZERO

Coverage chart $n \approx 2900$ rpm

Submersible clean water pumps

Construction

Single-impeller submersible pumps in chrome-nickel stainless steel, with vertical delivery port and suction non-return valve.

Suction capability up to 1 mm from the bottom.

Motor cooled by the pumped water passing between the motor jacket and the external jacket.

Double shaft seal with oil chamber.

The pump is equipped with a suction non-return valve, which allows for manual relocation of the pump to various points within the room during operation. This feature ensures the pump can draw water down to 1 mm without losing its prime.

Applications

For clean water containing solids up to 3 mm grain size.

Draining flooded rooms or tanks.

Water extraction from ponds, flowing streams, or pits for rainwater collection.

Operating conditions

Liquid temperature up to 35° C.

Maximum immersion depth: 5 m.

Minimum manual emptying level 1 mm.

Continuous duty.

Motor

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

GX ZERO: three-phase 230 V $\pm 10\%$;
400V $\pm 10\%$;

H05RN-F cable, 4G0.75 mm², length 10 m, without plug.

GXM ZERO: single-phase 230 V $\pm 10\%$,
with thermal protector.

Incorporated capacitor.

H05RN-F cable, 3G0.75 mm², length 10 m, with CEI-UNEL 47166 plug.

Insulation class F.

Protection IP X8 (for continuous immersion)

Double impregnation humidity-proof dry winding.

Constructed in accordance with EN 60034-1.

Special features on request

Other voltages.

Frequency 60 Hz (as per 60 Hz data sheet).

Other mechanical seal.

Motor suitable for operation with frequency converter.

Designation

Example: GXM ZERO

GX = Series

M = Single-phase (without three-phase indication)

ZERO = Pump type

Materials

Components	Materials
Pump casing	PA66-50FV (Noryl)
Filter	Polypropylene
Impeller	PPO-GF20 (Noryl)
valve	NBR / Chrome-nickel steel AISI 304
motor jacket	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)
Pump jacket	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)
Handle	Polypropylene
Shaft	Chrome-nickel steel 1.4305 EN 10088 (AISI 303)
Mechanical seal	Alumina-Carbon-NBR
Seal lubrication oil	Oil for food/pharmaceutical machinery

Coverage chart n ≈ 2900 rpm

Three-phase

				Q = Flow						
				m³/h	0	1,2	2,25	3	4,5	6
Model	400V	P2		l/min		20	37,5	50	75	100
	A	kW	HP	H (m) = Total head						
GX ZERO	0,9	0,25	0,34		9,8	9	8,1	7,1	4,5	1,6

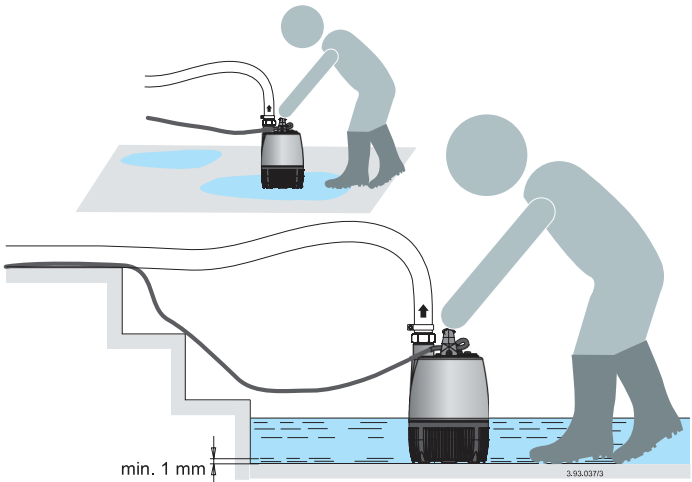
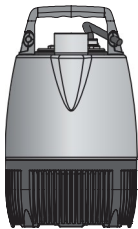
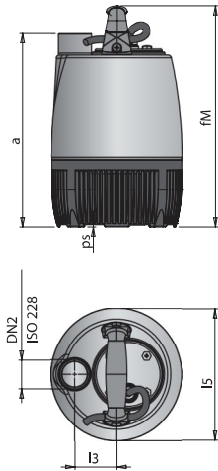
Single-phase

							Q = Flow						
							m³/h	0	1,2	2,25	3	4,5	6
Model	230V	Capacitor		P2		P1	l/min		20	37,5	50	75	100
	A	Vc	uf	kW	HP	kW	H (m) = Total head						
GXM ZERO	2,5	450	8	0,25	0,34	0,5		9,8	9	8,1	7,1	4,5	1,6

P1: Maximum power input.
P2: Rated motor power output.
Head and power values valid for liquids with density $\rho = 1,0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = \text{max } 20 \text{ mm}^2/\text{sec}$. Total head in m

Dimensions and weights

Examples of installations



TYPE	ISO 228	mm					kg
	DN2	a	fM	l3	l5	ps	Weight
GXM ZERO	G 1 1/4	261	297	56	176	3	5.4

weights With cable length: 10 m