

SIMER PUMPS

SUBMERSIBLE PUMPS FOR DRAINING CLEAR WATER

The SIMO submersible pumps for clear water have been designed for drainage of seepage water, pumping of water from sump pits, water deposits and collection tanks.



Made in U.S.A.

SIMER SIMO

- EXCELLENT FOR INDUSTRIAL DRAINAGE
- MINIMUM DRAINAGE LEVEL 3 mm
- EQUIPPED WITH 13-19-25 Ø ADAPTABLE CONNECTOR

Applications

- Drainage of seepage water, pumping of rain water from grating or drain
- Emptying of water deposits, collection tanks and wells.

Usage limitations

- Type of liquid: clear water
- Maximum liquid temperature 50° C
- Maximum submersion under the water level 2 m
- Minimum drainage level 3 mm
- Minimum priming level 20 mm

Motor

- Single-phase asynchronous oil cooled motor with capacitor permanently activated and thermal protection built into the motor winding
- Level of protection IPX8
- Class F insulation
- Speed rotation 2850 rpm



Made in U.S.A.

SIMER P3010

- 12 VOLT BATTERY MOTOR
- CABLE WITH COPPER EYELETS FOR HOOKUP TO AUTO OR MARINE BATTERY
- MINIMUM DRAINAGE LEVEL 3 mm

Applications

- Drainage of seepage water, pumping of rain water from grating or drain
- Create streams and waterfalls for gardens
- Residential application
- Marine application

Usage limitations

- Type of liquid: clear water
- Maximum liquid temperature 50 °C
- Minimum liquid temperature 1.7 °C
- Minimum drainage level 3 mm
- 16 cm openings fitting
- 12 volt, 21 amp DC battery powered motor

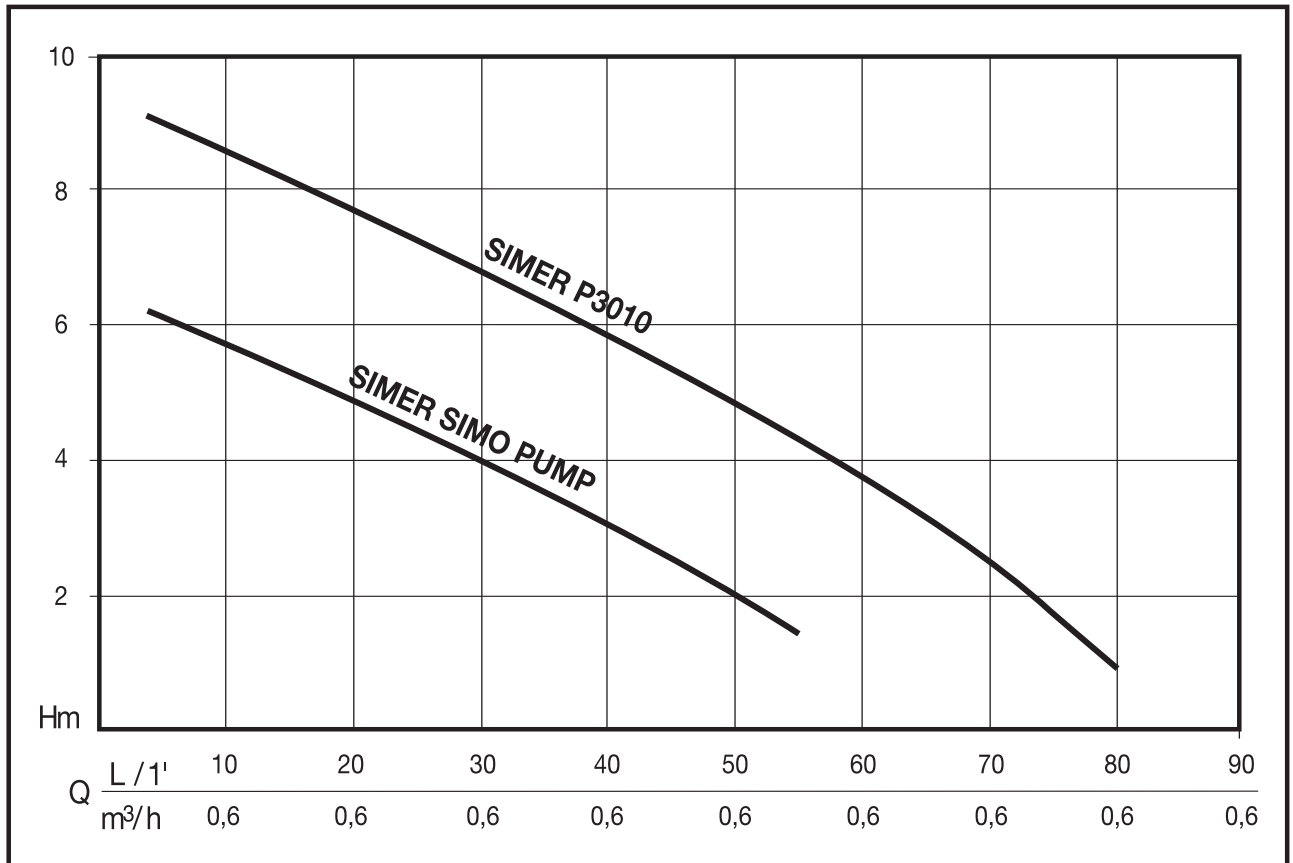
Motor

- Synchronous electric motor, 12 V DC 21 Amp.
- Level of protection IP X8

DESIGN FEATURES

Component	Material	
	SIMER SIMO	P3010 GEYSER
Pump body	Die cast aluminium	Technopolymer GE VALOX 357
Impeller	Die cast zinc	CELCON Acetal copolymer GB 254
Motor casing	Die cast aluminium	Alluminium ASTM 360
Power cord	H07RN-F 10m cable (rapid clutch)	PVC SJTOW 3m cable (rapid clutch)
Motor shaft	X 12 CrS 13 (AISI 416) Stainless Steel	Stainless Steel
Meccanical seal	Graphite / Ceramic	Graphite / Ceramic
Gaskets / O-ring	NBR	NBR

TABLE OF HYDRAULIC PERFORMANCE



PUMP PERFORMANCE

CODE	MODEL	Absorbed power		VOLTAGE	Q	4	21	40	55	
		HP	KW			L/1'	m³/h	0,2	1,3	2,4
OD6601G-02	SIMER SIMO PUMP	0,55	0,4	1 ~ 230 V	Discharge head in meters	6,1	4,6	3	1,5	0
P1041900 *	SIMER P3010	0,35	0,25	12 V		9,1	7,7	5,8	4,8	1,5

* Performance depend on battery level

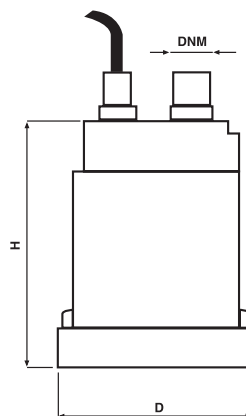


TABLE OF SIZES AND WEIGHTS

Model	Dimensions mm.			Weight kg
	D	H	DNM	
SIMER SIMO PUMP	160	185	1" 1/4 F	5,3
SIMER P3010	150	180	1" 1/4 M	3