

4" SUBMERSIBLE MULTISTAGE CENTRIFUGAL PUMP FOR CLEAN WATER

The SUB-S 4" submersible pumps are suitable for installation in traditional wells, water deposits, collection tanks, clear watercourses, lakes etc. Supplied with 20m nylon suspension cord.



- **HYDRAULIC SYSTEM RESISTANT TO THE SAND CORROSIVE ACTION.**
- **INTEGRATED NO-RETURN VALVE**
- **BUILT-IN CAPACITOR**

Motor

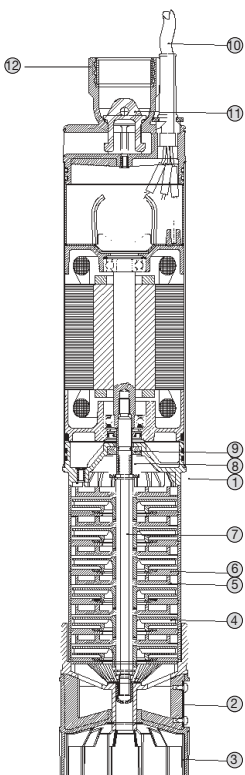
- Dry motor with stainless steel casing cooled by the pumped liquid.
- Level of protection IP 68.
- Class F insulation.
- Single phase supply with capacitor permanently activated.
- Thermal protection built into the motor winding.
- Completely insulated cable connection chamber.
- Self-lubricating ball bearings.
- Speed of rotation 2850 rpm.
- Suitable for continuous use.

Usage limitations

- Type of liquid: clean water with no suspended solids or abrasive material.
- Maximum liquid temperature 40°C.
- Maximum submersion under the water level 20 m.

Applications

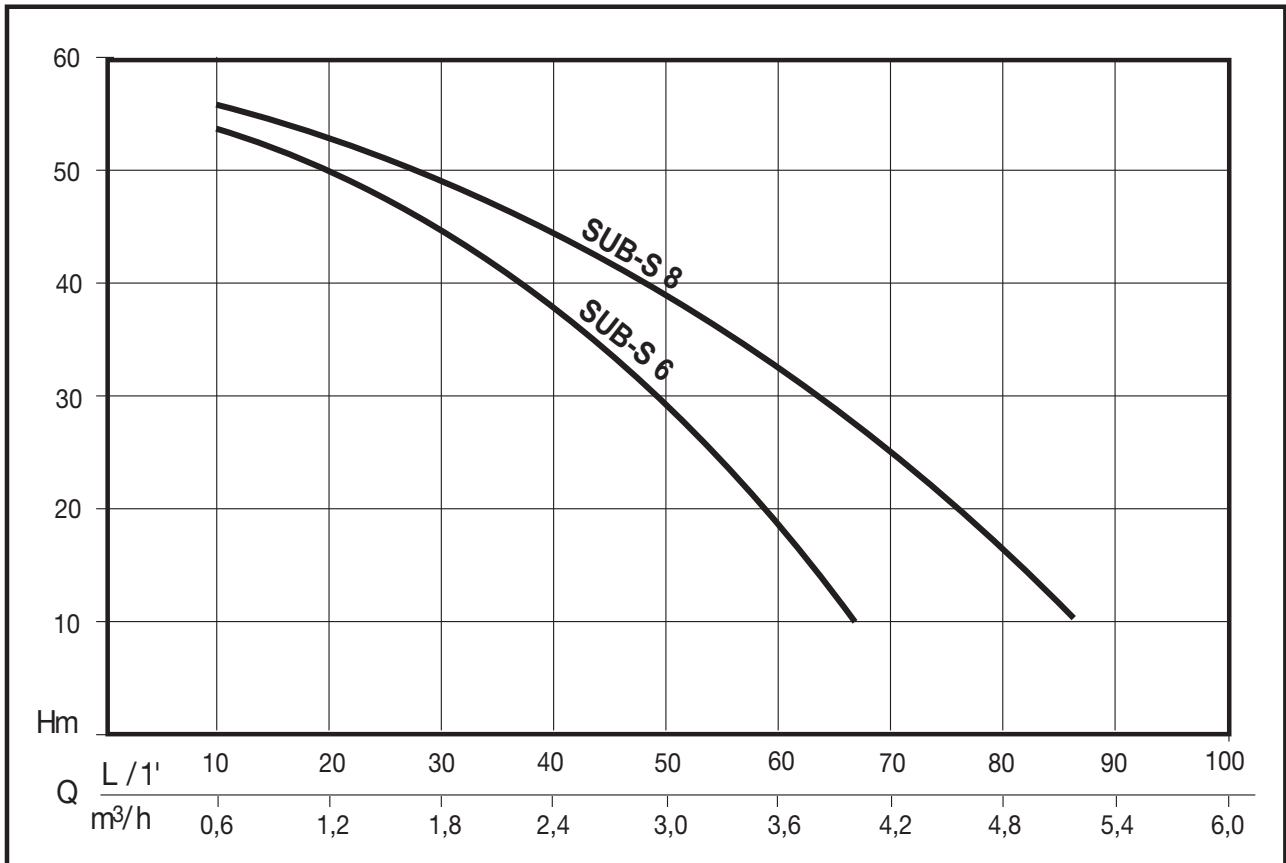
- Pumping of water from traditional wells.
- Domestic tank installations for boosting domestic drinking water systems.
- Small-scale automatic systems for garden irrigation.
- Surface irrigation.



DESIGN FEATURES

Component	Material
1 Pump body	X 5 CrNi 1810 (AISI 304) Stainless steel
2 Suction grid	X 16 CrNi 16 (AISI 431) Stainless steel
3 Base	Noryl
4 Impeller	Acetal resin
5 Diffuser	Polycarbonate with ceramic insert in the point of wear
6 Diffuser cap	Polycarbonate with stainless steel inserts in the point of wear
7 Motor shaft	Hexagonal, in X 10 CrNiS 1809 (AISI 303) stainless steel with ceramic insert at the point of wear. AISI 416 for the out of water parts.
8 Mechanical seal	Graphite
9 Counterface	Aluminum oxide
10 Power cable	20 m H07 RN-F
11 No-return valve	Integrated - Plastic
12 Discharge head	Noryl with 1 1/4 threaded insert
-	Thrust bearing ring inserted in every stage

TABLE OF HYDRAULIC PERFORMANCE



PUMP PERFORMANCE

CODE	MODEL	Nominal Power		Absorbed Power		VOLTAGE	Amp.	µF.	N° Stages	Q	Discharge head in meters					
		HP	kW	HP	kW						L/1'	0	20	40	60	80
										m³/h		0	1,2	2,4	3,6	4,8
	SUB-S 6	0,80	0,60	1	0,75	1 ~ 220 ÷ 240 V	3,3	16	8	Discharge head in meters	56	49,8	38,1	19		
	SUB-S 8	1	0,80	1,50	1,10	1 ~ 220 ÷ 240 V	5	16	8		57	52	44,4	31,5	16,6	

TABLE OF SIZES AND WEIGHTS

Model	Dimensions mm.				Weight kg
	A	Ø C	Free Bore	DNM	
SUB-S 6	643	98	2 mm	1"1/4	9,6
SUB-S 8	643	98	2 mm	1"1/4	9,9

