

For Caisson Wells and Cisterns Submersible Pump

PRACTICAL & RELIABLE

- ✓ Plug-in and operate.
- ✓ Very Lightweight: 15 to 24 kg.
- ✓ Compact: Height: 53 to 69 cm.
- ✓ Level floater is standard.

APPLICATION AREAS

- ✓ Open well and deep boreholes.
- ✓ Multistage, monoblock submersible pump for minimum well diameter 125 mm-4".
- ✓ Max submersion depth: 20 to 50 meters.
- ✓ For garden and greenhouse applications.

EFFICIENT & DURABLE

- ✓ 3 types in the flow rate range of 0.3 to 3.6 m³/h.
- ✓ Pump head of 14 to 102 meters range.
- ✓ Graphite / Ceramic mechanical seal.

OUTSTANDING PUMP FEATURES

- ✓ Pump housing, valve housing, filter, motor housing are made of stainless steel, in accordance with AISI 304.
- ✓ Motor shaft is made of stainless steel, in accordance with AISI 420.
- ✓ From Diffuser and Fan Noryl (polymer glass reinforced).
- ✓ Oil tandem type mechanical seal.

OUTSTANDING MOTOR FEATURES

- ✓ 230 V supply voltage, single-phase, 50 Hz.
- ✓ Current: 5.2 to 10 A. Power: 1 to 2 HP.
- ✓ Asynchronous, with 2 poles.
- ✓ IP 68 protection.
- ✓ F-grade isolation.
- ✓ Available for continuous operation.
- ✓ Water cooled type.
- ✓ Built-in thermal protection and internal capacitor in single phase motors.

NEW Diamond SCM

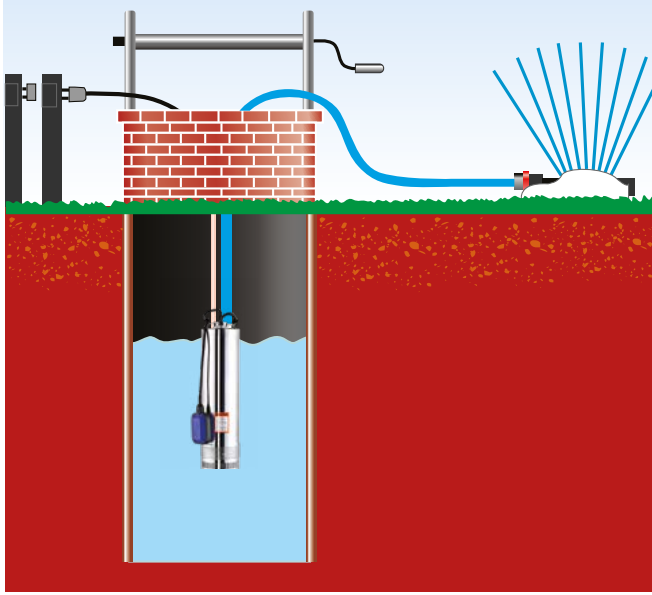


Pioneer in the pump,
with the assurance of Alarko Carrier...

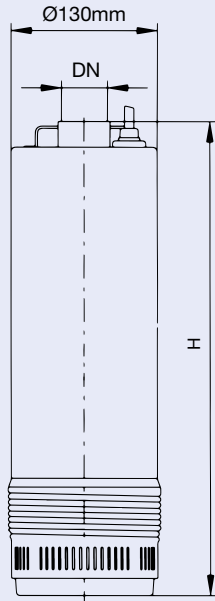
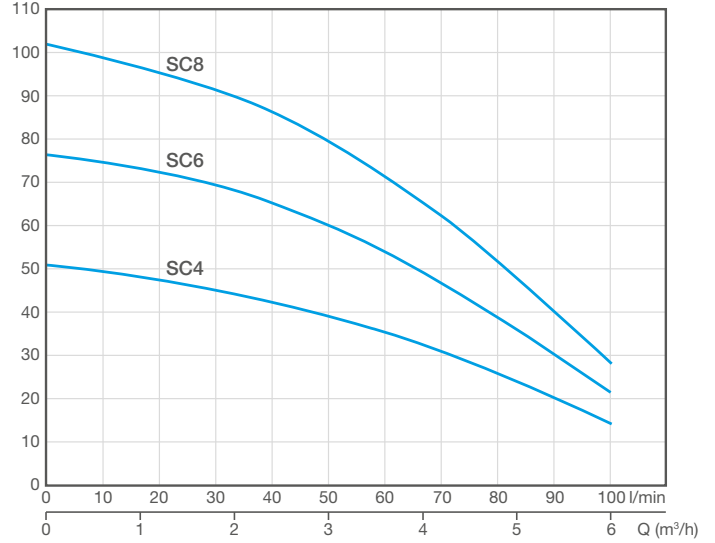
For Caisson Wells and Cisterns DIAMOND SCM SUBMERSIBLE PUMP

In gardens, touristic facilities, sprinkling and irrigation works, supply of clean water from wells, cisterns, deep drilling wells (4") and pressurized water systems...

Application Image



Pump Flow (Q) - Pressure (H) Table



SCM SERIES PARTS and MATERIAL TABLE

Part Name	Material
Push Ventil Body	AISI 304 SS
Pump Housing	AISI 304 SS
Suction-Valve Housing	AISI 304 SS
Diffuser	PPO
Fan	PPO
Motor Casing	AISI 304 SS
Engine Top Bearing	ASTM N30
Lower Carrier Legs	AISI 304 SS
Mechanical Seal	Graphite/Ceramic
Pump Shaft	AISI 304 SS ASTM 5140
Cooling Oil	Suitable for Anti-Toxic Food Machines



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PERFORMANCE and SIZE CHART

ALARKO DIAMOND	Number of Steps	Motor Power (HP)	Rated Current (A)	Total Height (H) mm	Total Length (L) mm	Total Weight (kg)	Pump Outlet (DN) Diameter	Capacity								
								m³/h	0	1,8	2,4	3,6	4,2	4,8	5,4	6
SCM 4	4	1	5,2	538	130	15	1 ¼"	lt/sec	0	0,5	0,66	1	1,17	1,33	1,5	1,67
SCM 6	6	1,5	7,2	616	130	19,5		Hm (mSS)	51	47	44	36	31	25	20	14
SCM 8	8	2	10	694	130	24		Hm (mSS)	77	71	66	54	46	37	30	21
								Hm (mSS)	102	94	88	72	62	50	40	28

Note: Manufacturer reserves the right to change any product specifications without notice.

ALARKO



**ALARKO CARRIER
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