

For Caisson Wells and Cisterns Submersible Pumps

PRACTICAL & RELIABLE

- ✓ Plug-in and operate.
- ✓ Very Lightweight: 8.7 kg.
- ✓ Compact: Height: 50.5 cm.
- ✓ Level floater is standard.
- ✓ External suction pipe connection.

APPLICATION AREAS

- ✓ Open wells, shallow drilled wells and pools.
- ✓ Multistage, monoblock submersible pump for a minimum well diameter of 220 mm
- ✓ 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 5.8 m³/h.
- ✓ Pump head of 3 to 32 meters range.
- ✓ Graphite / Ceramic mechanical seal.

OUTSTANDING PUMP FEATURES

- ✓ Pump housing is made of stainless steel pursuant to AISI 304.
- ✓ Motor shaft is made of stainless steel pursuant to AISI 304 SS.
- ✓ 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: 3.9 A. Power: 1.25 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 (20 mf).

NEW Diamond EC-TDS1000
Multi Inox



EXTERNAL PIPE CONNECTION
FEATURE INSIDE PUMP
SUCTION BOX

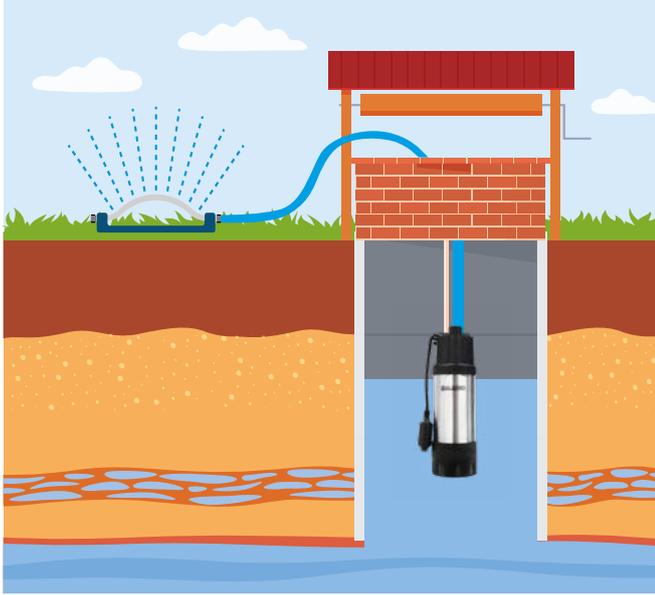


Pioneer in the pump,
with the assurance of Alarko Carrier...

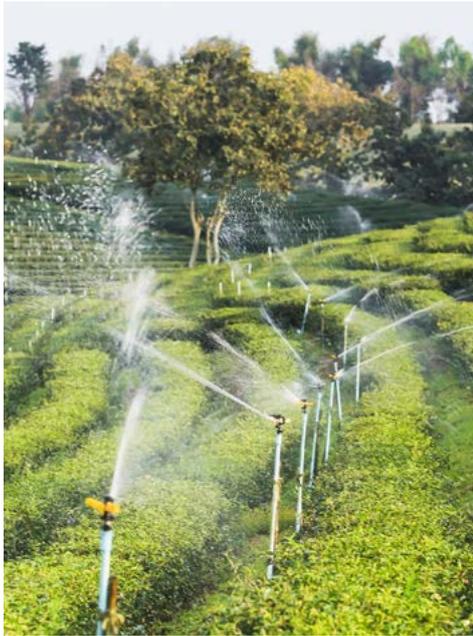
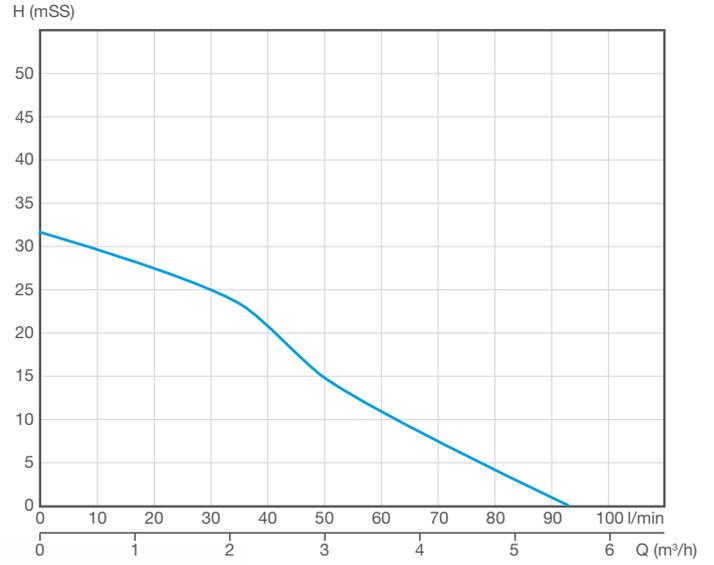
DIAMOND EC-TDS1000 SUBMERSIBLE PUMPS for Caisson Wells and Cisterns

Sprinkling and irrigation works in gardens and touristic facilities, supply of clean water from wells, cisterns, deep drilling wells and pressurized water systems...

Application Image



Pump Flow (Q) - Pressure (H) Table



EC-TDS1000 MULTI INOX
PARTS AND MATERIAL TABLE

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

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	1,2	1,8	2,4	3	3,6	4,2	5,6
EC-TDS1000	3	1,25	3,9	505	209	8,7	G 1"	l/min	0	20	30	40	50	60	70	93
								Hm (mSS)	32	28	25	20	15	11	8	2

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

ALARKO



**ALARKO CARRIER
SANAYİ VE TİCARET A.Ş.**

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