

For Dirty and Sewage Waters

Submersible Pump with grinder

APPLICATIONS

- ✓ Portable submersible pump with grinder / shredder for sewage water.
- ✓ Discharge of waste and dirty waters, process in septic tanks, small and medium-sized treatment operations.

RELIABLE AND EFFICIENT

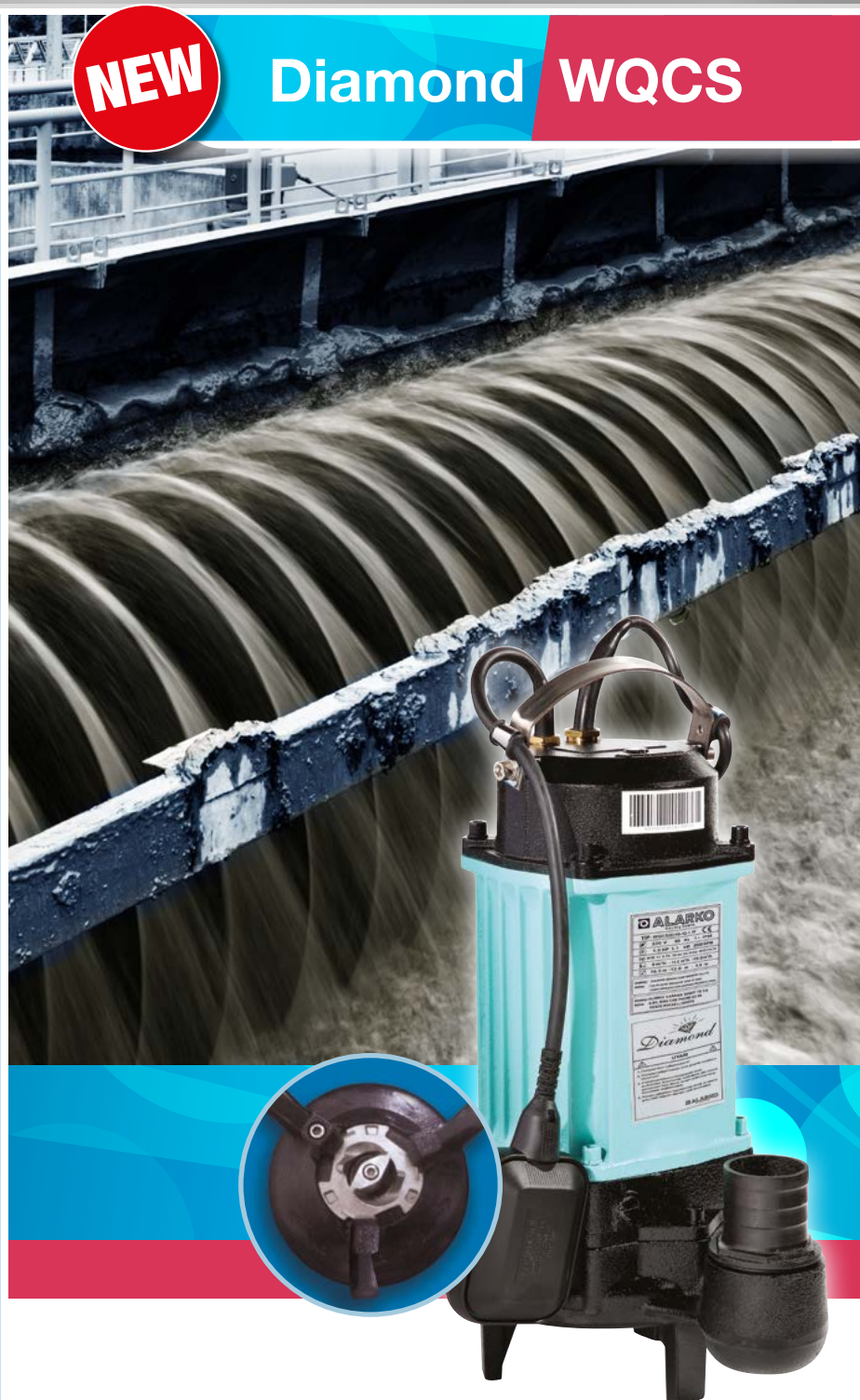
- ✓ Flow rate: 1.5 - 20 m³/h.
- ✓ Pump head range: 4.8 - 22 meters.
- ✓ Weight: 25 ~ 28 kg.
- ✓ Compact: Length: 45 cm.

SUPERIOR PUMP FEATURES

- ✓ Head valve, pump body and top cover: cast iron.
- ✓ With worm screw design a special type grinder / shredder impeller.
- ✓ Graphite / Ceramic mechanical seal.
- ✓ Motor housing and handle: stainless steel, AISI 304.
- ✓ 5 m immersion depth.
- ✓ Resistance to ambient and fluid temperatures of 40°C.
- ✓ Suction ability down above from the ground: 5 cm.
- ✓ H07 RN type 10 meters built-in power cable.

HIGH MOTOR PROPERTIES

- ✓ 1x230 V, 50 Hz.
Current: 7.4 A.
Power: 1.5 - 2.5 HP.
- ✓ Asynchronous, 2 poles.
- ✓ IP 68 protection.
- ✓ Insulation: Class F.
- ✓ Suitable for continuous service.



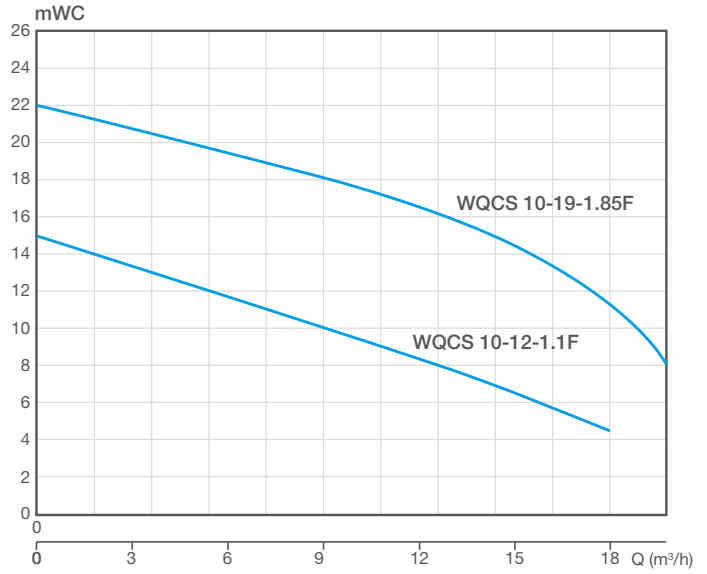
Pioneer in the pump,
with the assurance of Alarko Carrier...

For Dirty and Sewage Waters, with Grinder DIAMOND WQCS SUBMERSIBLE PUMP

Application Technique



Pump Flow Rate (Q) Head (H) Performance Data



PARTS AND MATERIALS FOR WQCS SERIES

Part	Material
Head Valve	GG20 UNI5007
Pump Body	
Suction Valve	
Diffuser	GG20
Impeller	
Motor Casing	GG20 UNI5007
Mechanical Seal	Graphite / Ceramic
Pump Shaft	AISI 304 SS ASTM 5140



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PERFORMANCE DATA AND DIMENSIONS

ALARKO DIAMOND	Kademe Sayısı	Motor Power (HP)	Nominal Current (A)	Total Height (H) mm	Total Lenght (L) mm	Total Weight (kg)	Pump Outlet Diameter (DN)	Capacity								
								m³/h	0	3	6	9	12	15	18	20
								l/sec	0	0.83	1.67	2.5	3.34	4.17	5.0	5.55
WQCS 10-12-1.1F	Tek	1.5	7.2	450	288	25	2"	Hm (mWC)	13.65	12.45	11.56	10.2	8.71	7.3	4.81	-
WQCS 10-19-1.85F	Tek	2.5	10.3	450	288	28			22.09	20.7	19.7	18.5	16	14.3	11.5	6.09

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

ALARKO



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

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