

For Dirty and Sewage Waters Submersible Pump with Shredder Impeller

APPLICATIONS

- ✓ Portable submersible pump with shredder impeller 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 - 25 m³/h.
- ✓ Pump head range: 4.8 - 20 meters.
- ✓ Weight: 25 ~ 28 kg.
- ✓ Compact: Length: 45 cm.

SUPERIOR PUMP FEATURES

- ✓ Pump body, motor top cover and handle stainless steel.
- ✓ With worm screw design spiral shredder impeller and special inlet diffuser.
- ✓ Graphite / Ceramic mechanical seal.
- ✓ 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 and float.
- ✓ Impeller inlet diffuser which has shredding property.

HIGH MOTOR PROPERTIES

- ✓ 1x230 V, 50 Hz.
Current: 5.2 - 10.3 A.
Power: 1 - 2 HP.
- ✓ Asynchronous, 2 poles.
- ✓ IP 68 protection.
- ✓ Insulation: Class F.
- ✓ Suitable for continuous service.

NEW**Diamond WQCN(D)**

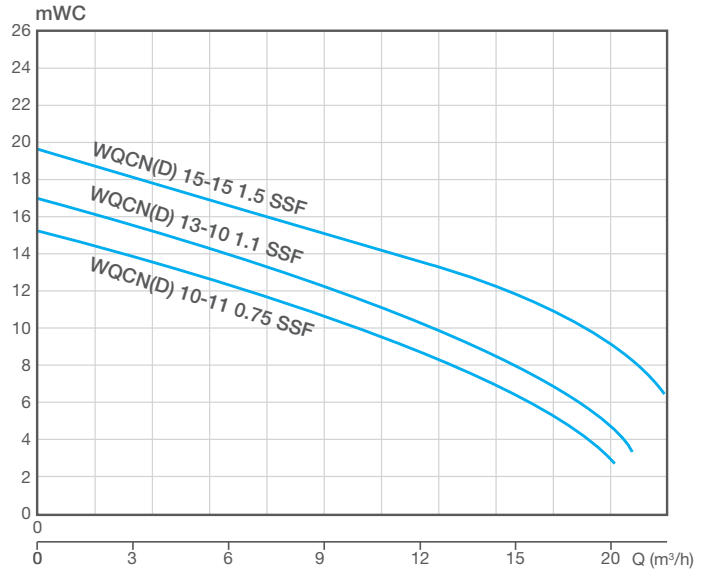
Pioneer in the pump,
with the assurance of Alarko Carrier...

For Dirty and Sewage Waters, with Shredder Impeller DIAMOND WQCN(D) SUBMERSIBLE PUMP

Application Technique



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



PARTS AND MATERIALS FOR WQCN(D) SERIES

Part	Material
Head Valve	GG20 UNI5007
Pump Body	AISI 304
Top Cover	AISI 304
Diffuser	GG20
Impeller + Shredder	GG20
Motor Casing	GG20 UNI5007
Mechanical Seal	Graphite / Ceramic
Pump Shaft	AISI 304 SS ASTM 5140
Handle	AISI 304 UNI5007



PERFORMANCE DATA AND DIMENSIONS

ALARKO DIAMOND	Stage	Motor Power (HP)	Nominal Current (A) *	Total Height (H) mm	Total Length (L) mm	Total Weight (kg)	Pump Outlet Diameter (DN)	Kapasite								
								m³/h	0	3	6	9	12	15	18	20
WQCN(D) 10-11 0.75 SSF	Single	1	5.2	435	245	21	1 ½"	l/sec	0	0.83	1.67	2.5	3.34	4.17	5	5.55
WQCN(D) 13-10 1.1 SSF	Single	1.5	7.2	450	245	22		Hm (mWC)	15	14	12	10.5	8.5	6.6	5	3
WQCN(D) 15-15 1.5 SSF	Single	2.0	10.3	475	270	26.6		Hm (mWC)	17	15.4	14	12.5	11.7	7.9	6.8	5
								Hm (mWC)	20	18	16.5	15	13.8	11.8	10.7	9

* The ideal voltage is the values measured in the test lab.

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

ALARKO



**ALARKO CARRIER
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