

Submersible Pump

For Contaminated and Waste Water

APPLICATION AREAS

- ✓ Portable and submersible pump with grinder system for waste water.
- ✓ They are intended for discharge of waste and contaminated water, operations in septic tanks, small sized treatment applications.

RELIABLE & EFFICIENT

- ✓ In the flow rate range of 0.5 to 54 m³/h.
- ✓ Pump head of 6.5 to 25 meters.
- ✓ Lightweight: 13.4 to 27 kg.
- ✓ Compact: Height: 17 to 51 cm.

OUTSTANDING PUMP FEATURES

- ✓ Pumping valve, pump body and top cover are cast iron.
- ✓ Fan Noryl is ideal for passing solids with a diameter of 32 mm.
- ✓ Graphite / Ceramic mechanical seal.
- ✓ Motor housing and its handle are stainless steel, AISI 304.

OUTSTANDING MOTOR FEATURES

- ✓ 1x230 V, 50 Hz.
Current: 2.8 to 15 A.
Power: 0,5- 3 HP.
- ✓ Asynchronous, bipolar.
- ✓ IP 68 protection.
- ✓ F-grade isolation.
- ✓ Available for continuous operation.
- ✓ WSD: No floater.
WSD (F): With Built-in Floater.



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

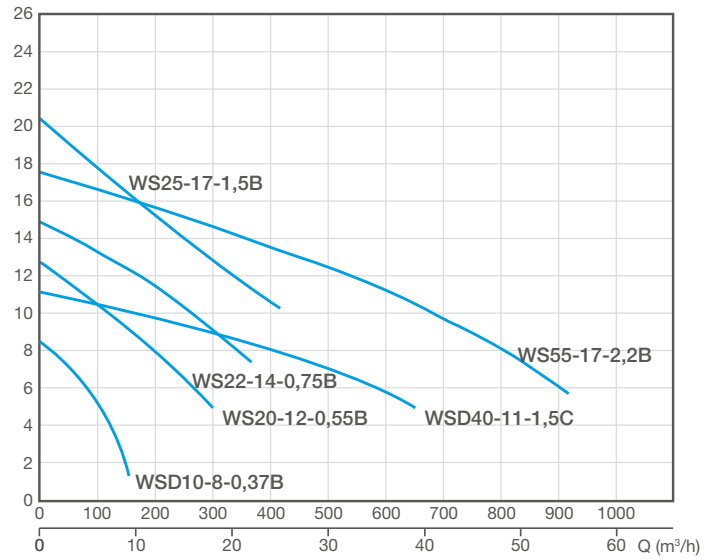
DIAMOND SCM SUBMERSIBLE PUMP

For Contaminated and Wastewater

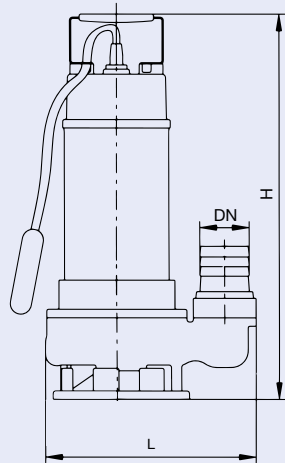
Application Image



Pump Flow (Q) - Pressure (H) Table



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WSD SERIES PARTS and MATERIAL TABLE

Part Name	Material
Push Ventil Body	GG20 UNI5007
Pump Housing	AISI 304 SS
Suction-Valve Housing	GG20 UNI5007
Diffuser	GG20 UNI5007
Fan	Noryl
Motor Casing	AISI 304 SS
Engine Top Bearing	GG20 UNI5007
Lower Carrier Legs	GG20 UNI5007
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	6	12	18	24	36	48	54
WSD 10 - 8	Tek	0,5	2,8	400	170	13,4	1 ¼"	Hm (mSS)	0	1,67	3,33	5,8	6,67	10	13,3	15
WSD 20-12	Tek	0,75	5,0	405	242	15,2			8,1	6	-	-	-	-	-	-
WSD 22-14	Tek	1	5,2	430	242	15,7	2"	Hm (mSS)	14,6	10,3	8,2	5,5	-	-	-	-
WSD 25-17	Tek	1,5	7,2	450	242	17,3			14,3	13,2	12,6	9,7	-	-	-	-
WSD 40-11 AF	Tek	2	9,4	460	280	20,5	2 ½"	Hm (mSS)	17,5	16,6	14,5	12,1	8,3	-	-	-
WSD 55-17	Tek	3	15	510	260	27			11,2	10,5	10	9,3	8,3	6	4,8	-
							3"	Hm (mSS)	17	16,3	15,6	14,4	13,6	11,2	7,9	6,5

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

ALARKO



ALARKO CARRIER
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