

Submersible Pump

For Waste Water and Rainwater

APPLICATION AREAS

- ✓ Portable and submersible pump with Vortex system for waste water.
- ✓ For the discharge of corrosive waste water, rainwater reuse or drainage applications.

RELIABLE & EFFICIENT

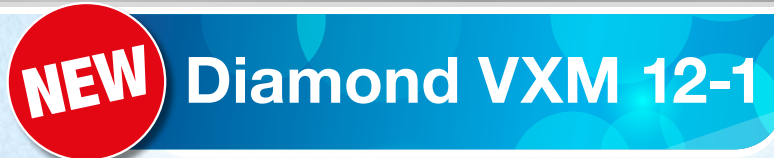
- ✓ Flow rate range of 1.5 to 21 m³/h.
- ✓ Pump head of 1 to 11.7 meters.
- ✓ Very lightweight: 8.4 kg.
- ✓ Compact: Height: 41.5 cm.

OUTSTANDING PUMP FEATURES

- ✓ Pumping valve, pump housing and top cover AISI 304.
- ✓ The fan is AISI 304 and available for 35 mm solid parts.
- ✓ Graphite / Ceramic mechanical seal.
- ✓ Motor housing and bottom legs are made of stainless steel, AISI 304.

OUTSTANDING MOTOR FEATURES

- ✓ 1x230 V, 50 Hz.
Current: 5.2 A.
Power: 0.75 kW.
- ✓ Asynchronous, bipolar, winding type.
- ✓ IP 68 protection.
- ✓ F-grade isolation.
- ✓ Available for continuous operation.
- ✓ VXM 12-1: No floater.
VXM 12-1 (A): With Built-in Floater.
- ✓ Depth of Submersion: Max 10 meters.



NEW Diamond VXM 12-1



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

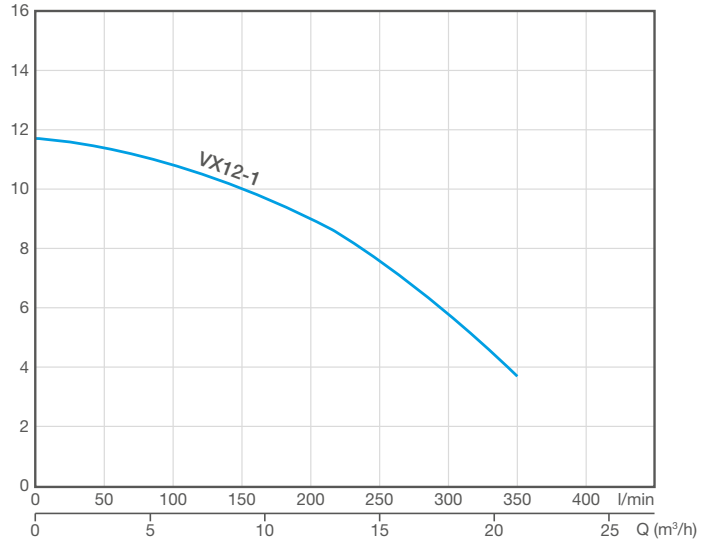
DIAMOND VXM 12-1 SUBMERSIBLE PUMP

for Waste Water and Rainwater

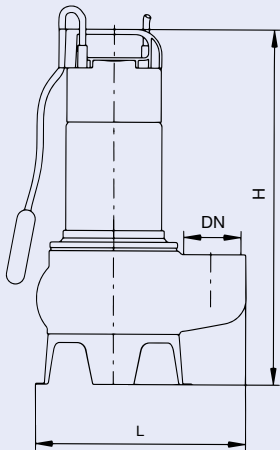
Application Image



Pump Flow (Q) - Pressure (H) Table



VXM 12-1 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	AISI 304 SS
Fan	AISI 304 SS
Motor Casing	AISI 304 SS
Engine Top Bearing	AISI 304 SS
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



EB_JAC_0767

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	3	6	9	12	15	18	21
								lt/sec	0	0,83	1,67	2,5	3,33	4,17	5	5,83
VXM 12-1	1	1	5,2	415	200	8,4	2"	Hm (mSS)	11,7	11,4	10,8	10	9	7,6	5,8	3,7

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

ALARKO



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