

Submersible pump for waste water with solids in suspension, vortex system

Applications

Evacuation, transfer and emptying of waste water with solids in suspension.

Materials

Pump body in AISI 304.
Pump shaft in AISI 420.
Suction in technopolymer.
Impeller in technopolymer reinforced with steel.
Mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

Float switch and 10m of cable without plug.
Internal capacitor.

Motor

Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.

Limitations

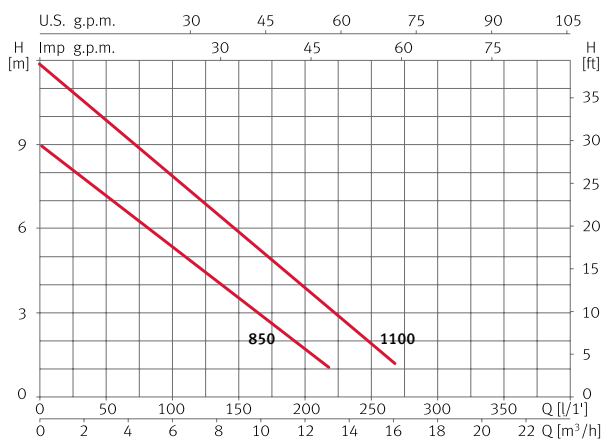
Maximum water temperature: 40°C.
Maximum solids passage: Ø 35mm.
Maximum submersion: 7m.



Hydraulic performance table

Model	I [A]	P1 [kW]	P2		c [µF]	l/min	50	100	150	200	250	Code
	1~220V	1~	[kW]	[HP]	220V	m³/h	3	6	9	12	15	1~220V
Vigilex SS 850	3,6	0,8	0,37	0,5	12	mwc	7	5,2	3,5	1,9	-	97832
Vigilex SS 1100	4,9	1,1	0,75	1	12		10	8	6	4	2	97824

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	Kg
Vigilex SS 850	435	479	224	1 1/2"	11,1
Vigilex SS 1100	455	499	224	1 1/2"	12

