

Submersible pump for waste water

Applications

Evacuation, transfer and emptying of waste water.

Materials

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

Equipment

Float switch and 10m of cable with plug type F.
 Internal capacitor.

Motor

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

Limitations

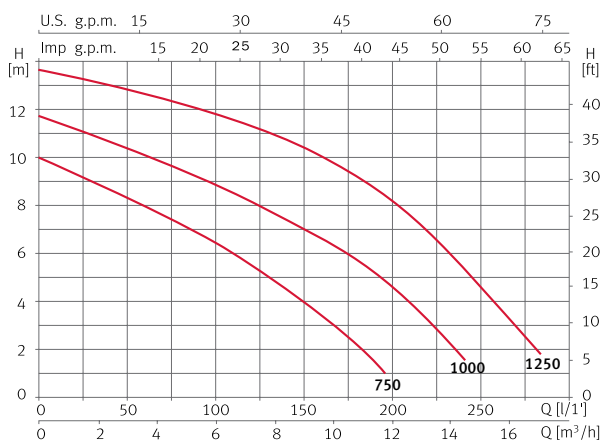
Maximum water temperature: 40°C.
 Maximum solids passage: Ø 7mm.
 Maximum submersion: 7m.



Hydraulic performance table

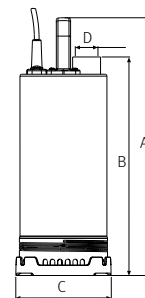
Model	I [A]	P1 [kW]	P2		c [µF]	l/min	25	50	100	125	150	175	225	275	Code
	1~230V	1~	[kW]	[HP]		m³/h	1,5	3,0	6,0	7,5	9,0	10,5	13,5	16,5	
Vigila SS 750	2,4	0,55	0,25	0,33	12	mwc	9,1	8,3	6,5	5,4	4,1	2,4	-	-	97818
Vigila SS 1000	3,5	0,8	0,5	0,75	12		11,1	10,5	9	8,2	7,1	6	2,6	-	97810
Vigila SS 1250	5	1,1	0,9	1,2	16		13,2	12,8	11,8	11,2	10,4	9,4	6,5	2,5	97814

Performance curve at 2900 rpm



Dimension and weight

Model	A	B	C	D	Kg
Vigila SS 750	434	380	160	1 1/4"	8,7
Vigila SS 1000	454	400	160	1 1/4"	9,6
Vigila SS 1250	474	420	160	1 1/4"	11



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.
O-rings in NBR.

Equipment

Float switch and 10m of cable with plug type F.
Internal capacitor.

Motor

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

Limitations

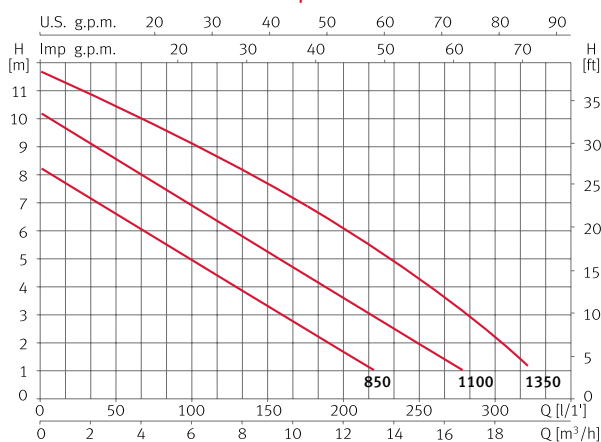
Maximum water temperature: 40°C.
Maximum solids passage: Ø 35mm.
Maximum submersion: 7m.



Hydraulic performance table

Model	I [A]	P1 [kW]	P2		c [µF]	l/min m³/h	25	50	100	150	200	250	300	320	Code
	1~230V	1~	[kW]	[HP]			25	50	100	150	200	250	300	320	
Vigilex SS 850	2,8	0,6	0,37	0,5	12	mwc	7,4	6,8	5,1	3,4	1,6	-	-	-	97833
Vigilex SS 1100	3,7	0,8	0,75	1	12		9,5	8,8	7,2	5,5	3,6	1,6	-	-	97825
Vigilex SS 1350	4,7	1	0,9	1,2	16		11,1	10,5	9,2	7,7	6,2	4,2	2,2	1,2	97829

Performance curve at 2900 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
Vigilex SS 1350	475	519	224	1 1/2"	13,5

