Vigicor Drainage

Submersible pump for waste water with solids in suspension, grinder 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 and discharge in cast iron.
Impeller in technopolymer reinforced with steel.
Grinder blade in stainless steel.
Mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

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

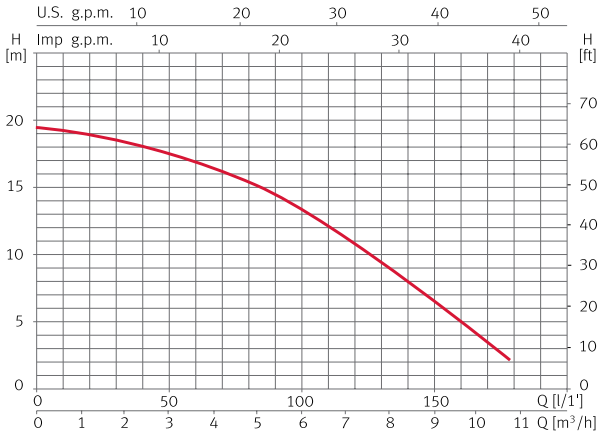
Motor
Asynchronous 2 poles.
IP68 protection.
Class F insulation.
Built-in thermal protection.
Continuous operation.

Limitations
Maximum water temperature: 40°C.
Maximum submersion: 7m.

Hydraulic performance table

Model	I [A]	P1 [kW]	P2		C [µF]	l/min	30	60	90	120	150	Code
	1~ 220V	1~	[kW]	[HP]	220V	m³/h	1,8	3,6	5,4	7,2	9	1~220V
Vigicor 150	6,5	1,3	0,9	1,2	16	mwc	18,5	17	14,5	10,9	6,5	97797

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	Kg
Vigicor 150	396	471	148	151	57	191	1 1/4"	15,5