

Drain 100 Drainage



Submersible pump for waste water

Applications

Evacuation, transfer and emptying of waste water.

Materials

Pump body in AISI 304.
 Pump shaft in AISI 420.
 Impeller in technopolymer.
 Suction and discharge in cast iron.
 Double mechanical seal in aluminium-graphite.
 O-rings in NBR/EPDM.

Equipment

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

Motor

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

Limitations

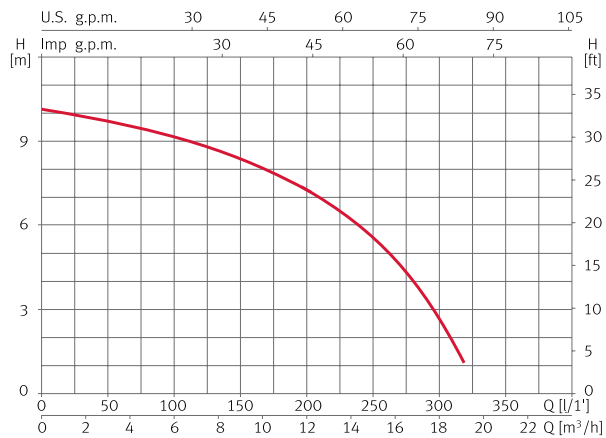
Maximum water temperature: 40°C.
 Maximum solids passage: Ø 7mm.
 Maximum submersion: 7m.



Hydraulic performance table

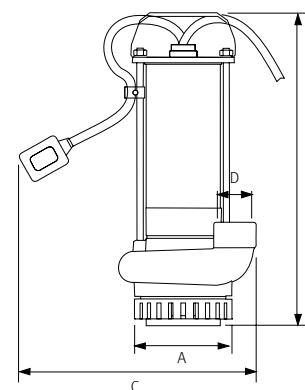
Model	I [A]		P1 [kW]	P2		C [µF] 115V/220V	l/min	50	100	150	200	300	Code	
	1~115V	1~220V	1~	[kW]	[HP]		m ³ /h	3	6	9	12	18	1~115V	1~220V
Drain 100	6,7	3,2	0,8	0,75	1	30/12	mwc	9,8	9,1	8,3	7,1	2,8	98541	96602

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	Kg
Drain 100	122	392	300	1 3/4"	10,5



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 and discharge in cast iron.
Impeller in brass.
Double mechanical seal in aluminium-graphite.
O-rings in NBR/EPDM.

Equipment

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

Motor

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

Limitations

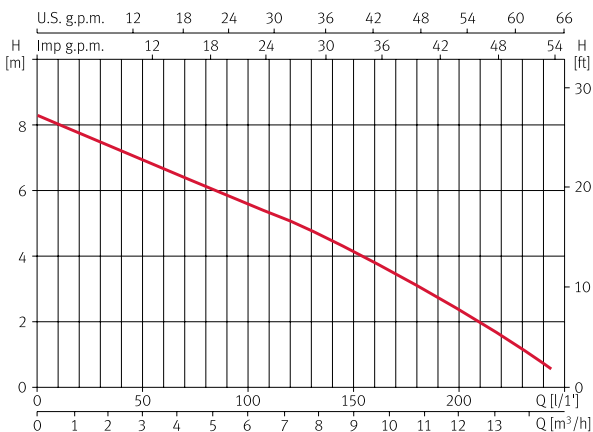
Maximum water temperature: 40°C.
Maximum solids passage: Ø 35mm.
Maximum submersion: 7m.



Hydraulic performance table

Model	I [A]		P1 [kW]	P2		c [μF]	l/min	25	50	100	150	200	Code	
	1~115V	1~220V	1~	[kW]	[HP]								1~115V	1~220V
Drainex 100	8,5	3,6	0,85	0,75	1	30/12	mwc	7,8	7	5,8	4,1	2,2	98553	96626

Performance curve at 3450 rpm



Dimension and weight

Model	A	B	C	D	Kg
Drainex 100	138	407	300	1 1/4"	11

