

## Submersible pumps, Vortex system for sewage water

### Applications

Drainage of sewage and dirty water, operation in septic tanks and small purifying installations.

### Materials

Discharge body and upper mounting in cast iron.  
Impeller in brass with free passage of particles in suspension of  $\varnothing$  34 mm.  
Double mechanical seal in ceramic/graphite and ceramic/silicon carbide.  
Motor housing and transport handle in stainless steel AISI 304.

### Motor

Asynchronous, two poles.  
IP 68 protection.  
Class F insulation.  
Continuous operation.  
Single phase version built-in thermal protection.

### Limitations

Maximum solids handling: 32 mm.  
Maximum immersion: 7 m.  
Maximum liquid temperature: 40 °C.

### Equipment

Supplied with 10 m power cable.  
Single phase supplied with capacitor box.

**Drainex 100M:** without float switch.

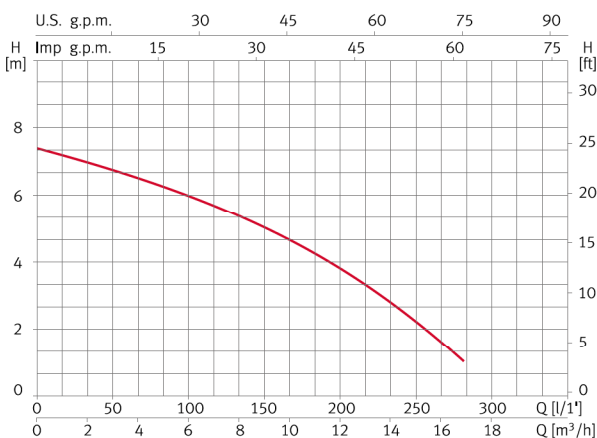
**Drainex 100M A:** with float switch.



### Hydraulic performance table

Model	I [A]	P1 [kW]	P2		c	l/min	25	50	100	125	150	200	250	280	1~230 V (Model M)	1~230 V (Model M A)
	1~230 V	1~230 V	[kW]	[HP]	[ $\mu$ F]	m <sup>3</sup> /h	1.5	3.0	6.0	7.5	9.0	12	15	16.8	Code	Code
Drainex 100	3.4	0.75	0.75	1	12	mwc	7	6.7	5.9	5.5	5	3.7	2	1	00096631	00096625

### Performance curves at 2900 rpm



\*Service kits are available on request

### Dimensions and weights

Model	A	B	C	D	[Kg]
Drainex 100	138	407	300	1 <sup>3/4</sup> **	11

