

Drain 100 Drainage



Submersible pumps for the drainage of water without solids in suspension

Applications

Drainage of filtered water, emptying of swimming pools, decorative fountains and waterfalls.

Materials

Discharge body and upper mounting in cast iron.

Impeller in tecnopolimer.

Double mechanical seal in ceramic/graphite/NBR.

Filter in rigid plastic.

Motor housing and transport handle in stainless steel AISI 304.

Motor

Asynchronous, two poles.

IP 68 protection.

Class F insulation.

Continuous operation.

Built-in thermal protection.

Drain 100 M: without float switch.

Drain 100 M A: with float switch.

Limitations

Maximum solids handling: 5 mm.

Maximum immersion: 8 m.

Maximum liquid temperature: 40 °C.

Equipment

Supplied with 10 m power cable.

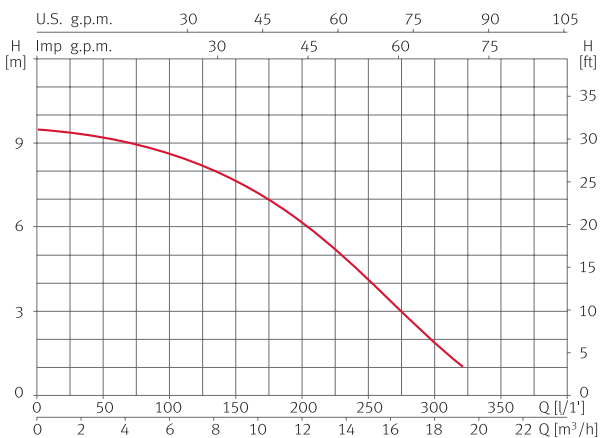
Single-phase supplied with capacitor box.



Hydraulic performance table

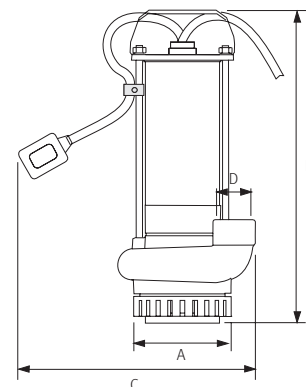
Model	I [A]	P1 [kW]	P2		c	l/min	25	50	100	150	200	250	300	320	1~230 V (Model M)	1~230 V (Model M A)
	1~230 V	1~230 V	[kW]	[HP]	[μF]	m³/h	1.5	3.0	6.0	9.0	12	15	18	19.2	Code	Code
Drain 100	3.1	0.7	0.75	1	12	mwc	92	91	87	78	6	4	2	1	96605	96603

Performance curves at 2900 rpm



Dimensions and weights

Model	A	B	C	D	[Kg]
Drain 100	122	392	300	1 1/4"	10.5



*Service kits are available on request