

## Centrifugal single stage pump for water recirculation and filtration

### Applications

Water recirculation and filtration for small swimming pools.  
Silent.  
Self-priming up to 4m.

### Materials

Pump body, impeller, diffuser, suction and discharge in technopolymer.  
Pump shaft in AISI 431.  
Mechanical seal.  
Motor casing in aluminium.  
O-rings in NBR.

### Equipment

No cable.  
Unions included (50mm).

### Motor

Asynchronous 2 poles.  
IP 55 protection.  
Class F insulation.  
Built-in thermal protection.  
Continuous operation.

### Limitations

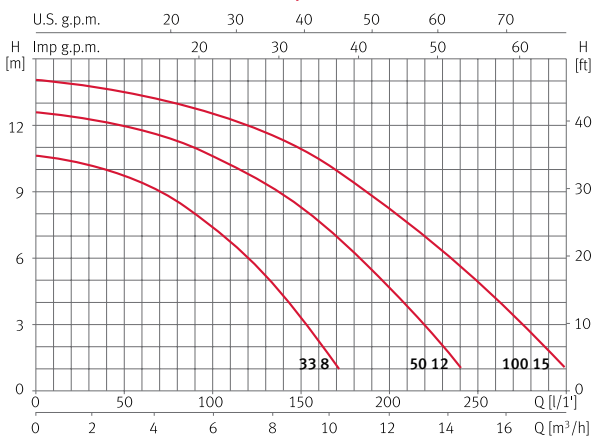
Maximum water temperature: 40° C.



### Hydraulic performance table

Model	I [A]	P1 [kW]	P2		c [μF]	l/min	25	50	75	100	150	200	250	290	Code
	1~230V	1~	[kW]	[HP]		m³/h	1,5	3,0	4,5	6,0	9,0	12	15	17,4	
Silen I 33 8	2	0,45	0,25	0,33	12	mwc	10,2	9,7	8,6	7,2	3,2	-	-	-	203144
Silen I 50 12	2,8	0,65	0,37	0,5	12		12,3	11,9	11,3	10,5	8,1	4,6	-	-	203145
Silen I 100 15	3,8	0,85	0,75	1	12		13,8	13,3	13	12,5	10,8	8,1	4,8	1,8	203146

### Performance curve at 2900 rpm



### Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	K	L	Kg
Silen I 33	439	192	115	304	210	2 1/4"	221	2 1/4"	264	Ø9	108	212	8,9
Silen I 50	439	192	115	304	210	2 1/4"	221	2 1/4"	264	Ø9	108	212	10,2
Silen I 100	439	192	115	304	210	2 1/4"	221	2 1/4"	264	Ø9	108	212	10,9

