

## Centrifugal single stage pump for water recirculation and filtration

### Applications

Water recirculation and filtration for medium 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.  
Single phase motor with built-in thermal protection.  
Continuous operation.

### Limitations

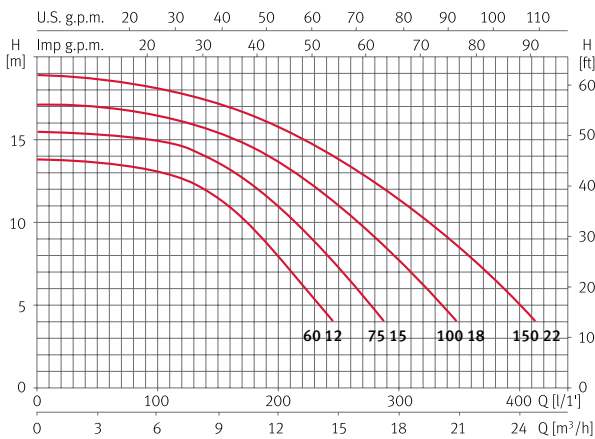
Maximum water temperature: 40° C.



### Hydraulic performance table

Model	I [A]			P1 [kW]		P2		c [μF]	l/min	40	80	120	160	215	265	325	400	Code	
	1~230V	3~230V	3~400V	1~	3~	[kW]	[HP]											1~230V	3~230V/400V
Silen S 60 12	3,7	2,4	1,4	0,8	0,8	0,44	0,6	16	m <sup>3</sup> /h	2,4	4,8	7,2	9,6	12,9	15,9	19,5	24	203147	203151
Silen S 75 15	5,5	3,3	1,9	1,2	1	0,55	0,75	16	mwc	13,6	13,2	12,6	10,9	6,7	-	-	-	203148	203152
Silen S 100 18	6	3,8	2,2	1,4	1,2	0,75	1	16	m <sup>3</sup> /h	15,2	15	14,5	13,1	9,9	6	-	-	203149	203153
Silen S 150 22	7,1	4,8	2,8	1,6	1,6	1,1	1,5	25	mwc	16,9	16,5	16	15	12,9	10	5,9	-	203150	203154

### Performance curve at 2900 rpm



### Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	K	L	Kg
Silen S 60	495	211	170	225	2 1/4"	225	2 1/4"	308	159	Ø9	319	238	8,9
Silen S 75	495	211	170	225	2 1/4"	225	2 1/4"	308	159	Ø9	319	238	10,2
Silen S 100	495	211	170	225	2 1/4"	225	2 1/4"	308	159	Ø9	319	238	10,9
Silen S 150	495	211	170	225	2 1/4"	225	2 1/4"	308	159	Ø9	319	238	13,5

