

## 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/EPDM.

### Equipment

No cable.  
Unions included 50mm and 1<sup>1/2"</sup>.

### Motor

Asynchronous 2 poles.  
IPX5 protection.  
Class F insulation.  
Single phase motor with built-in thermal protection.  
Continuous operation.

### Limitations

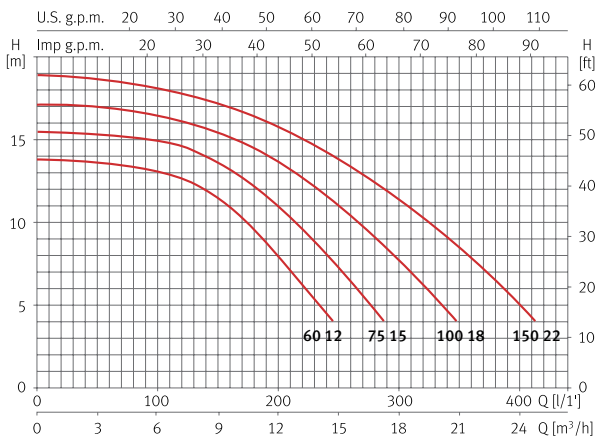
Maximum water temperature 40 °C.



### Hydraulic performance table

Model	I [A]			P1 [kW]		P2		c [μF]	l/min m³/h	40	80	120	160	215	265	325	400
	1~ 230V	3~ 230V	3~ 400V	1~	3~	[kW]	[HP]										
Silen S 60 12M	3,7	2,4	1,4	0,8	0,8	0,44	0,6	16	mwc	13,6	13,2	12,6	10,9	6,7	-	-	-
Silen S 75 15M	5,5	3,3	1,9	1,2	1	0,55	0,75	16		15,2	15	14,5	13,1	9,9	6	-	-
Silen S 100 18M	6	3,8	2,2	1,4	1,2	0,75	1	16		16,9	16,5	16	15	12,9	10	5,9	-
Silen S 150 22M	7,1	4,8	2,8	1,6	1,6	1,1	1,5	25		18,6	18,2	17,7	16,9	15,1	13	10	5,1

### Performance curve at 2900 rpm



### Dimension and weight

Model	A	B	C	D	E	F	G	H	I	J	L	Kg
Silen S 60M	555	257	164	225	50	267	50	347	159	Ø9	238	8,9
Silen S 75M	555	257	164	225	50	267	50	347	159	Ø9	238	10,2
Silen S 100M	555	257	164	225	50	267	50	347	159	Ø9	238	10,9
Silen S 150M	577	257	164	225	50	267	50	347	159	Ø9	238	13,5

