

## Quiet-running single-stage centrifugal pump, self-priming, complete with pre-filter

### Applications

Recirculation and filtering of water from small and medium swimming pools.

### Materials

Pump body, pump foot, impeller, seal mounting and diffuser in technopolymer.

**Motor shaft in stainless steel AISI 431.**

**Special mechanical seal in AISI 316.**

Motor housing in aluminium.

O-rings in NBR.

**Bearings up to 160° C.**

### Motor

Asynchronous, two poles.

IP 55 protection.

Class F insulation.

Continuous operation.

Single-phase version with built-in thermal protection.

**10.000 hours P2 capacitor with aluminium casing.**

### Equipment

Supplied with suction (metric 63 / 50 mm or Imperial 2" / 1 1/2") and discharge unions (metric 50 mm or Imperial 1 1/2").



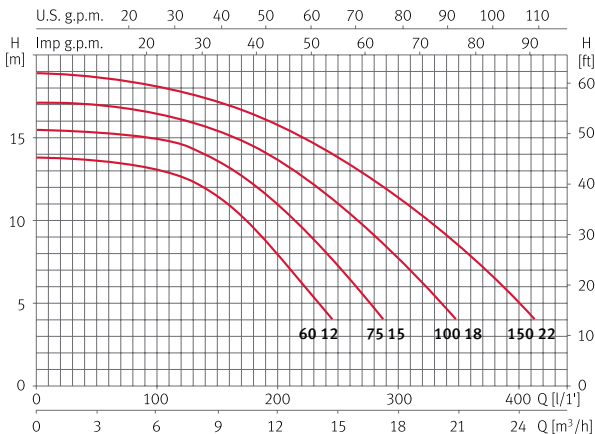
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### Hydraulic performance table

Model	I [A]			P1 [kW]		P2		c	* Pool volume [m <sup>3</sup> ]	l/min	40	80	120	160	215	265	325	400	1~230 V (model M)	3~400 V (model T)		
	1~230 V	3~230 V	3~400 V	1~230 V	3~400 V	[kW]	[HP]				[μF]	m <sup>3</sup> /h	2,4	4,8	7,2	9,6	12,9	15,9	19,5	24	Code	Code
											mwc											
SILEN S 60 12	3,7	2,4	1,4	0,8	0,8	0,44	0,6	16	90		13,6	13,2	12,6	10,9	6,7				203147	203151		
SILEN S 75 15	5,5	3,3	1,9	1,2	1,0	0,55	0,75	16	110		15,2	15	14,3	13,1	9,9	6			203148	203152		
SILEN S 100 18	6,0	3,8	2,2	1,4	1,2	0,75	1,0	16	125		16,9	16,5	16	15	12,9	10	5,9		203149	203153		
SILEN S 150 22	7,1	4,8	2,8	1,6	1,6	1,1	1,5	25	150		18,6	18,2	17,7	16,9	15,1	13	10	5,1	203150	203154		

(\*) Swimming pool volume (m<sup>3</sup>): Considering water circulation of 8 hours/day.

### Performance curves at 2900 rpm



### Dimensions and weights

Model	A	B	C	D	E	F	G	H	I	J	K	L	Kg
SILEN S 60 12	495	211	170	225	2 3/4"	225	2 1/4"	308	159	Ø9	319	238	8,9
SILEN S 75 15	495	211	170	225	2 3/4"	225	2 1/4"	308	159	Ø9	319	238	10,2
SILEN S 100 18	495	211	170	225	2 3/4"	225	2 1/4"	308	159	Ø9	319	238	10,9
SILEN S 150 22	495	211	170	225	2 3/4"	225	2 1/4"	308	159	Ø9	319	238	13,5

