

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.

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").



NEW DESIGN
NEW MATERIALS
ULTRA-SILENT
SELF-PRIMING 4m
EXTENDED WARRANTY
IMPROVED HYDRAULICS



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.



Check conditions and terms at page 26

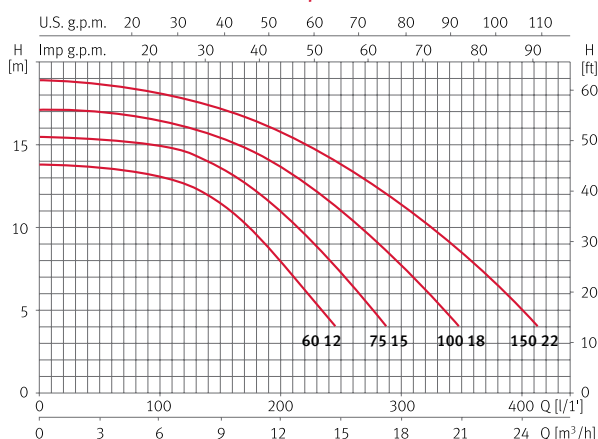


Hydraulic performance table

Model	I [A]			P1 [kW]		P2		c	* Pool volume [m³]	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]													
SILEN S 60 12	3,7	2,4	1,4	0,8	0,8	0,44	0,6	16	90	mwc	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 (m³): 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

