

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").

NEW DESIGN

NEW MATERIALS

ULTRA-SILENT

SELF-PRIMING 4m

EXTENDED WARRANTY

IMPROVED HYDRAULICS



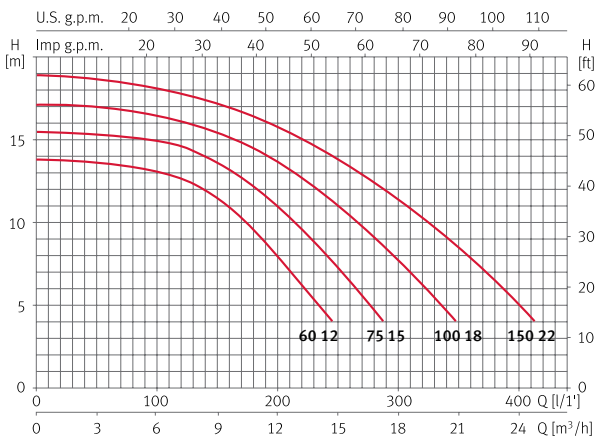
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Hydraulic performance table

Model	I [A]			P1 [kW]		P2		c	* Pool volume [m³]	l/min m³/h	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]	2,4	4,8	7,2	9,6	12,9	15,9	19,5	24	Code	Code
	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		
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

