

Silen S2 Swimming pool



Single-stage centrifugal pump for water recirculation and filtering

Applications

Recirculation and filtering of water of large swimming pools.
Very quiet-running (LWA 80dB).
Self-priming up to 4m.

Materials

Pump body, foot, impeller, seal mounting, diffuser, suction and discharge in technopolymer.
Pump shaft in AISI 431.
ESPA mechanical seal.
Motor casing in aluminium.
O-rings in NBR.

Equipment

Connection box V0 (self-extinguishing flame).
P2 capacitor (10.000h).
No cable, no plug.
Metric unions included (63mm).

Motor

Asynchronous, 2 poles.
IP 55 protection.
Class F insulation.
1~: Thermal protection included.
Continuous operation.

Limitations

Maximum water temperature: 40° C.



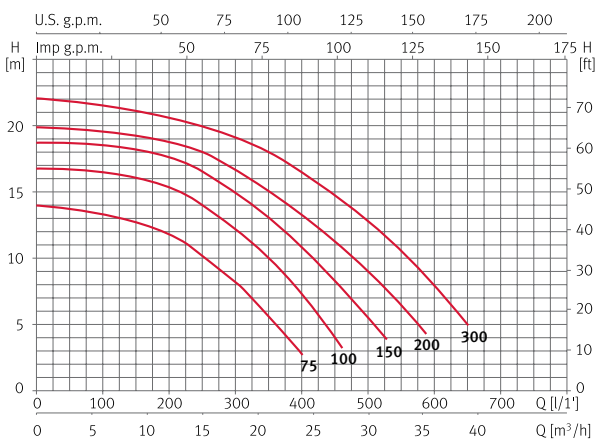
Request for imperial unions (2")

Hydraulic performance table

Model	I [A]			P1 [kW]		P2		c	*Pool volume [m³]	l/min	100	150	250	350	450	500	550	650	Code	
	1~ 230V	3~ 230V	3~ 400V	1~	3~	[kW]	[HP]				m³/h	6,0	9,0	15	21	27	30	33	39	1~230V
Silen S2 75	4,5	3,8	2,2	1,0	1,0	0,55	0,75	25	110	mwc	13,2	12,8	10	5,5	-	-	-	-	203155	203160
Silen S2 100	7	4,8	2,8	1,5	1,6	0,92	1,25	25	150		16,5	16	14,2	10	4	-	-	-	203156	203161
Silen S2 150	8,5	5,3	3,1	1,9	1,9	1,1	1,5	25	180		18,5	18,2	16,5	13	8,2	5,5	-	-	203157	203162
Silen S2 200	9,7	6,5	3,8	2,2	2,2	1,5	2,0	30	200		19,5	19,1	18	15	11,1	9	6,3	-	203158	203163
Silen S2 300	12,5	8,6	5	2,8	2,6	2,2	3,0	60	240		21,5	21	19,9	18	14,9	12,9	10,3	5	203159	203164

*Considering water circulation of 8 h/day

Performance curves at 2900 rpm



Dimensions and weights

Model	A	B	C	D	E	F	G	H	I	Kg
Silen S2 75	624	222	272	285	188	268	Ø13	2 3/4"	326,5	14
Silen S2 100	624	222	272	285	188	268	Ø13	2 3/4"	326,5	15
Silen S2 150	624	222	272	285	188	268	Ø13	2 3/4"	326,5	18
Silen S2 200	624	222	272	285	188	268	Ø13	2 3/4"	326,5	21
Silen S2 300	624	222	272	285	188	268	Ø13	2 3/4"	326,5	23

