

Silen ST Swimming pool, whirlpool and spa



Centrifugal single stage pump for water recirculation and filtration

Applications

Water recirculation and filtration for large swimming pools.

Materials

Pump body in cast iron.
Filter, impeller and pump shaft in AISI 304.
Mechanical seal in aluminium-graphite.
Motor casing in aluminium.
O-rings in NBR/EPDM.

Equipment

No cable.

Motor

Asynchronous 2 poles.
IPX5 protection.
Class F insulation.
Continuous operation.

Limitations

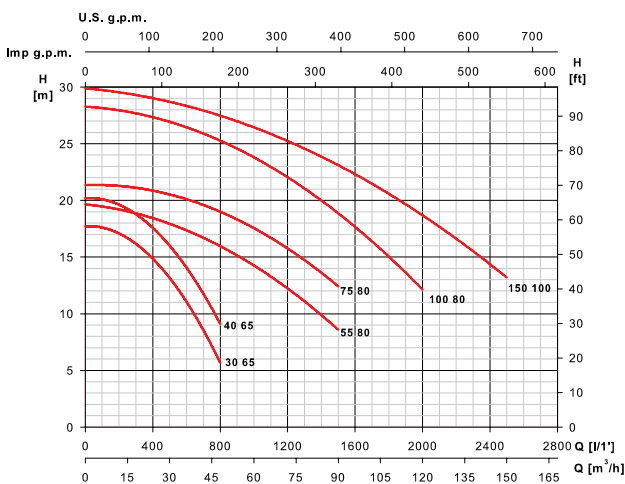
Maximum water temperature: 40° C.



Hydraulic performance table

Model	I [A]			P1 [kW]	P2		l/min m³/h	250	750	1000	1250	1500	2000	2250	2500	Code		
	3~230V	3~400V	3~692V	3~	[kW]	[HP]		15	45	60	75	90	120	135	150	3~230V/400V	3~400V/692V	
Silen ST 30 65	8,1	4,7	-	2,9	2,2	3	mwc	17	7	-	-	-	-	-	-	205412	-	
Silen ST 40 65	10,7	6,2	-	3,9	3	4		19	11	-	-	-	-	-	-	205413	-	
Silen ST 55 80	-	8,1	4,7	4,9	4	5,5		19	16	14	12	9	-	-	-	-	-	205414
Silen ST 75 80	-	10,9	6,3	6,7	5,5	7,5		21	19	18	15	12	-	-	-	-	-	205415
Silen ST 100 80	-	14,7	8,5	9,1	7,5	10		28	26	24	22	19	12	-	-	-	-	205416
Silen ST 150 100	-	20,9	12,1	12,9	11	15		29	28	26	25	23	19	16	13	-	-	205417

Performance curve at 2900 rpm



Dimension and weight

Model	A	B	C	D	E	F	G	DN1	DN2	Kg
Silen ST 30 65	799	70	376	190	339	132	510	80	50	92
Silen ST 40 65	799	70	376	190	339	132	510	80	50	94
Silen ST 55 80	854	95	376	212	339	160	510	100	65	113
Silen ST 75 80	854	95	376	212	339	160	510	100	65	119
Silen ST 100 80	854	95	376	212	339	160	510	100	65	122
Silen ST 150 100	1024	95	376	250	339	180	542	100	80	162

