

## Monobloc centrifugal pumps complete with prefilter, for filtering and purifying equipment in medium and large swimming pools

### Applications

Recycling and filtering of water from medium and large swimming pools, aquatic attractions and similar places.

### Materials

Pump body and prefilter in cast iron.  
Filter and shaft in stainless steel AISI 316.  
Impeller in stainless steel.  
Mechanical seal in graphite/ceramic.  
O-ring in NBR.  
Motor casing in aluminum.

### Equipment

Complete with suction and discharge connection flanges.

### Motor

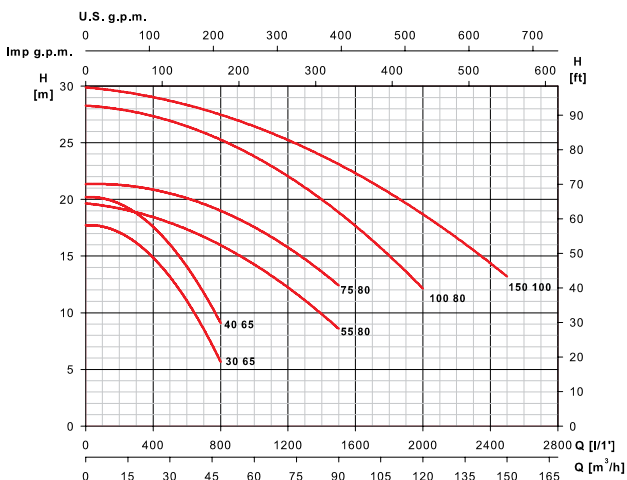
Asynchronous, two poles.  
IP 55 protection.  
Class F insulation.  
Continuous operation.  
Nuts and bolts in stainless steel.  
Flange in galvanized iron.



### Hydraulic performance table

Model	I [A]			P1 [kW]	P2		l/min m <sup>3</sup> /h																Code
	3~230 V	3~400 V	3~692 V	3~	[kW]	[HP]		0	100	200	300	400	500	600	800	1000	1500	2000	2500				
Silen ST 30 65	8,1	4,7		2,9	2,2	3,0	mwc	17,7	17,6	17,1	16,2	14,9	13,2	11,1	5,7							205412	
Silen ST 40 65	10,7	6,2		3,9	3,0	4,0		20,2	20,1	19,6	18,8	17,6	16,0	14,1	9,1							205413	
Silen ST 55 80		8,1	4,7	4,9	4,0	5,5		19,6			18,9	18,4	17,9	17,4	16,0	14,3	8,6					205414	
Silen ST 75 80		10,9	6,3	6,7	5,5	7,5		21,3			21,1	20,9	20,5	20,1	19,0	17,6	12,4					205415	
Silen ST 100 80		14,7	8,5	9,1	7,5	10,0		28,3				27,3	26,9	26,5	25,3	23,8	18,9	12,1				205416	
Silen ST 150 100		20,9	12,1	12,9	11,0	15,0		29,9						28,3	27,5	26,4	23,1	18,7	13,2			205417	

### Performance curves at 2900 rpm



### Dimensions and weights

Model	A	B	C	D	E	F	G	DN1	DN2	Kg
Silen ST 30 65	799	70	376	190	339	132	510	80	50	92,0
Silen ST 40 65	799	70	376	190	339	132	510	80	50	94,0
Silen ST 55 80	854	95	376	212	339	160	510	100	65	113,0
Silen ST 75 80	854	95	376	212	339	160	510	100	65	119,0
Silen ST 100 80	854	95	376	212	339	160	510	100	65	122,0
Silen ST 150 100	1024	95	376	250	339	180	542	100	80	162,0

