

SWS - SWT



Self priming pumps for swimming pool

Centrifugal self-priming electric pumps for pools. Filtration systems for private and public pools.



Large-size
incorporated
pre-filter



Practical
and easy
to use

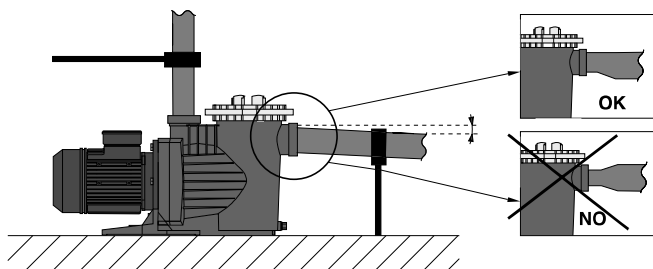


Easy
maintenance

Materials

Pump body	Polypropylene reinforced with fibreglass and resistant to chemical substances
Impeller	Noryl
Shaft	AISI 316 (EN 1.4401)
Mechanical seal	Graphite/ceramic
Pre-filter cover	Transparent polycarbonate

Installation



Technical data

Max. ambient temperature	+40°C
Max. temperature of the liquid (clear water)	+40°C
MEI	> 0,4
Poles	2
Insulation class	F
Protection degree	IP55
Connections	SWS: - 1"½ female thread - connection for Ø50mm PVC pipe to be glued on SWT: - 2" female thread
Voltage	Single phase 1~230V Three phase 3~230/400V (SWT only)

Permanent split capacitor built in overload motor protector with automatic reset. The three phase version does not have an internal motor protector, therefore overload protection must be provided by the user.

Accessories



Floats

Page 443 - **Key floats with counterweight**



Control systems

Page 424 - **Control panels**
SMART EVO 1-2

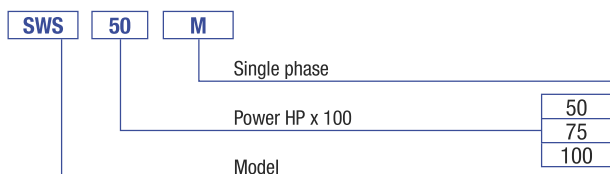
SWS - SWT centrifugal pumps, thanks to their reduced dimensions, result easy to install also in that situations where space are small or difficult to reach. Its sturdy and reliable construction, provide high performance in the swimming pools application, where a long - life working without a demanding maintenance is essential.

SWS - SWT

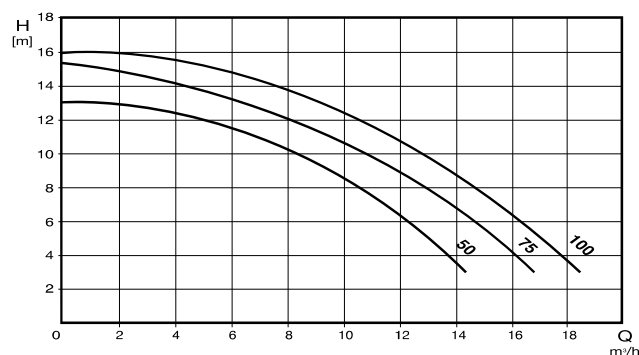
Self priming pumps for swimming pool



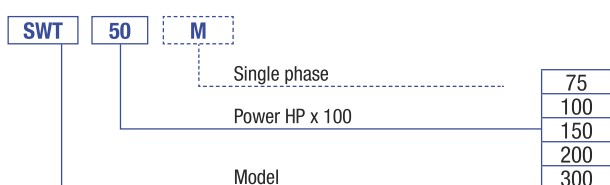
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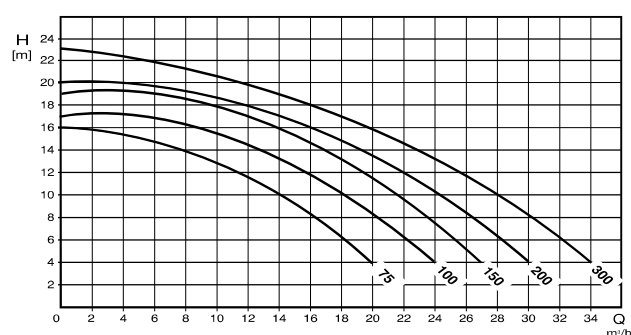
SWS



Identification code



SWT



Single phase 230V

2 Poles

Model	Code	HP	kW	H=Total head [m]												Abs. Curr. [A]	DNA	DNM	Weight [kg]	
				l/min	80	120	160	200	240	280	320	360	400	440	480					520
				m³/h	4,8	7,2	9,6	12	14,4	16,8	19,2	21,6	24	26,4	28,8					31,2
Q=Flow rate [m³/h]														230V						
SWS 50 M	1542002001	0,5	0,33		12,2	10,2	8,4	6,2	3,4	-	-	-	-	-	-	3,5	1"½	1"½	11,6	
SWS 75 M	1542002002	0,75	0,55		13,8	12,4	11,0	9,4	7,7	2,7	-	-	-	-	-	4,3	1"½	1"½	12,6	
SWS 100 M	1542002003	1	0,75		15,8	14,4	13,0	11,4	9,6	7,4	-	-	-	-	-	5,5	1"½	1"½	12,6	
SWT 75 M	1542002004	0,75	0,55		16,4	15,6	14,5	12,9	10,7	8,2	5,0	-	-	-	-	4,75	2"	2"	13,0	
SWT 100 M	1542002006	1	0,75		17,2	16,8	15,6	13,9	11,9	9,8	7,0	4,0	-	-	-	5,5	2"	2"	14,0	
SWT 150 M	1542002008	1,5	1,1		20,1	19,9	19,4	18,3	16,6	14,6	12,1	9,7	6,0	-	-	7,3	2"	2"	17,0	
SWT 200 M	1542002010	2	1,5		19,9	19,6	19,1	18,5	17,5	16,1	14,7	12,5	10,3	7,5	4,6	9,2	2"	2"	18,5	
SWT 300 M	1542002012	3	2,2		23,8	23,5	23,0	22,4	21,6	20,1	18,5	16,9	14,9	12,1	9,4	12,2	2"	2"	22,0	

Three phase 230/400V

2 Poles

Model	Code	HP	kW	H=Total head [m]												Abs. Curr. [A]		DNA	DNM	Weight [kg]
				l/min	80	120	160	200	240	280	320	360	400	440	480					
				m³/h	4,8	7,2	9,6	12	14,4	16,8	19,2	21,6	24	26,4	28,8	31,2				
Q=Flow rate [m³/h]														230V	400V					
SWT 75	1542002005	0,75	0,55		16,4	15,6	14,5	12,9	10,7	8,2	5,0	-	-	-	-	3,1	1,8	2"	2"	12,5
SWT 100	1542002007I	1	0,75		17,2	16,8	15,6	13,9	11,9	9,8	7,0	4,0	-	-	-	3,8	2,2	2"	2"	14,0
SWT 150	1542002009I	1,5	1,1		20,1	19,9	19,4	18,3	16,6	14,6	12,1	9,7	6,0	-	-	5	2,9	2"	2"	15,5
SWT 200	1542002011I	2	1,5		19,9	19,6	19,1	18,5	17,5	16,1	14,7	12,5	10,3	7,5	4,6	6	3,5	2"	2"	17,0
SWT 300	1542002013I	3	2,2		23,8	23,5	23,0	22,4	21,6	20,1	18,5	16,9	14,9	12,1	9,4	8,6	5	2"	2"	19,0