



Self-priming Centrifugal Pumps For Pools

Type SWS-SWT

APPLICATIONS

- Filtration systems for private and public pools

FEATURES

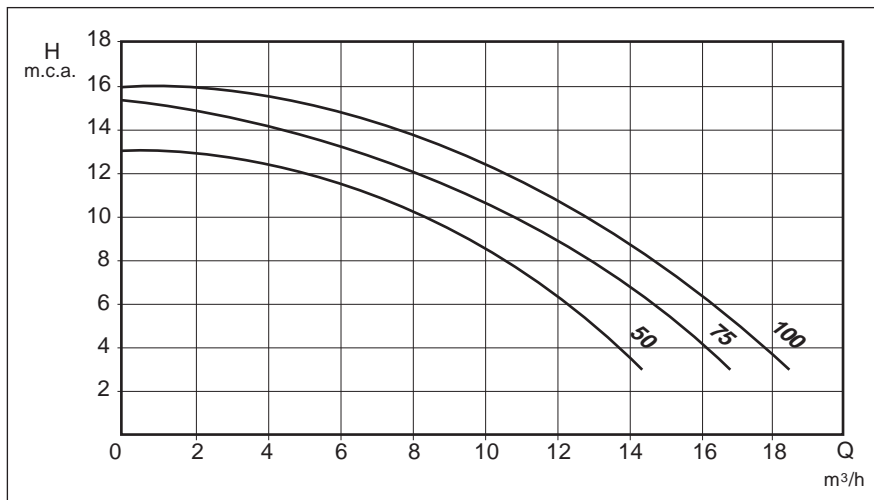
- Large-size incorporated pre-filter
- Motor entirely isolated from the water
- Transparent pre-filter cover for easy inspection and maintenance
- Easy installation
- Maximum temperature of the liquid : +40°C
- Maximum ambient temperature : +40 °C
- Pumped liquid : clean or slightly dirty water, water containing chlorine or additives for pools
- Connections for SWS (2 alternatives) :
 - Female thread 1" ½
 - Connection for Ø 50mm PVC pipe to be glued on
- Connections for SWT: female thread 2"



PERFORMANCE CHART

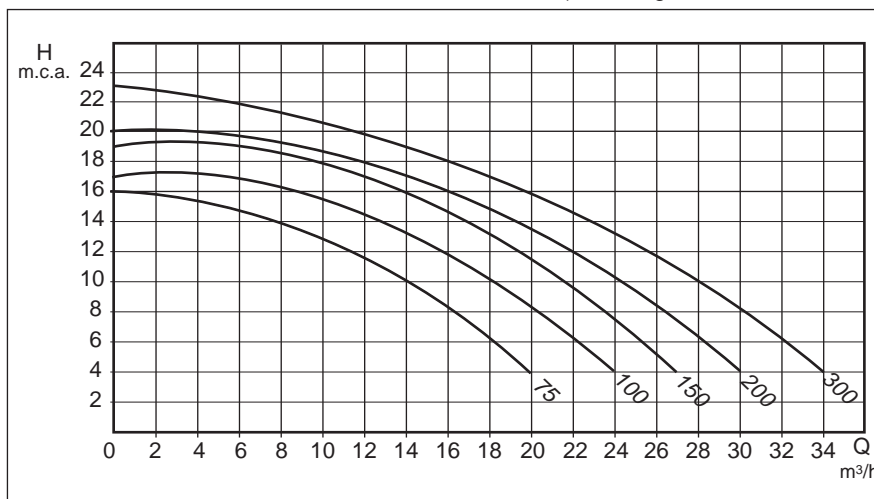
SWS

(according to ISO 9906 Annex A)



SWT

(according to ISO 9906 Annex A)



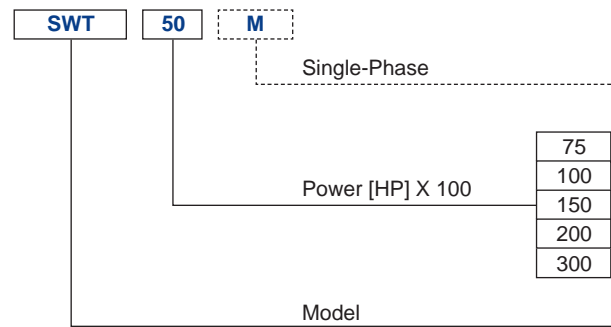
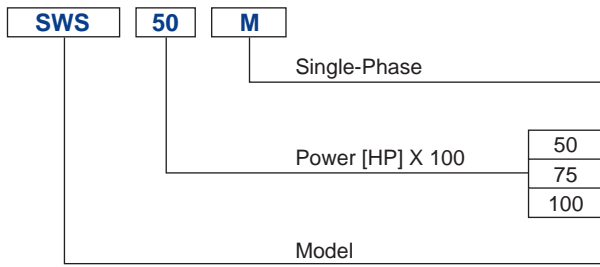
SWS PERFORMANCE TABLE

Model Single phase 230V	P ₂		H=Head [m]								
			4	6	8	10	11	12	13	14	15
	[HP]	[kW]	Q=Flow rate [m³/h]								
SWS 50 M	0.5	0.33	14.0	12.0	10.0	7.0	6.5	5.0	-	-	-
SWS 75 M	0.75	0.55	16.0	15.0	12.5	10.0	9.3	8.0	6.6	4.2	2.0
SWS 100 M	1	0.75	18.0	16.0	15.3	13.0	12.1	10.5	9.7	7.6	6.0

SWT PERFORMANCE TABLE

Model		P ₂		H=Head [m]								
Single phase 230V	Three phase 230/400V			4	6	8	10	12	14	16	18	20
		[HP]	[kW]	Q=Flow rate [m³/h]								
SWT 75 M	SWT 75	0.75	0.55	19.5	18.0	15.7	13.5	10.8	7.9	-	-	-
SWT 100 M	SWT 100	1	0.75	23.2	21.1	19.7	18.0	15.0	12.3	8.7	-	-
SWT 150 M	SWT 150	1.5	1.1	27.0	25.0	23.0	21.0	19.0	17.0	14.0	10.0	-
SWT 200 M	SWT 200	2	1.5	30.0	28.0	26.0	24.0	21.0	18.0	14.0	12.0	-
SWT 300 M	SWT 300	3	2.2	34.0	32.0	30.0	29.0	27.0	23.0	20.0	15.0	12.0

IDENTIFICATION CODE



MOTOR DATA

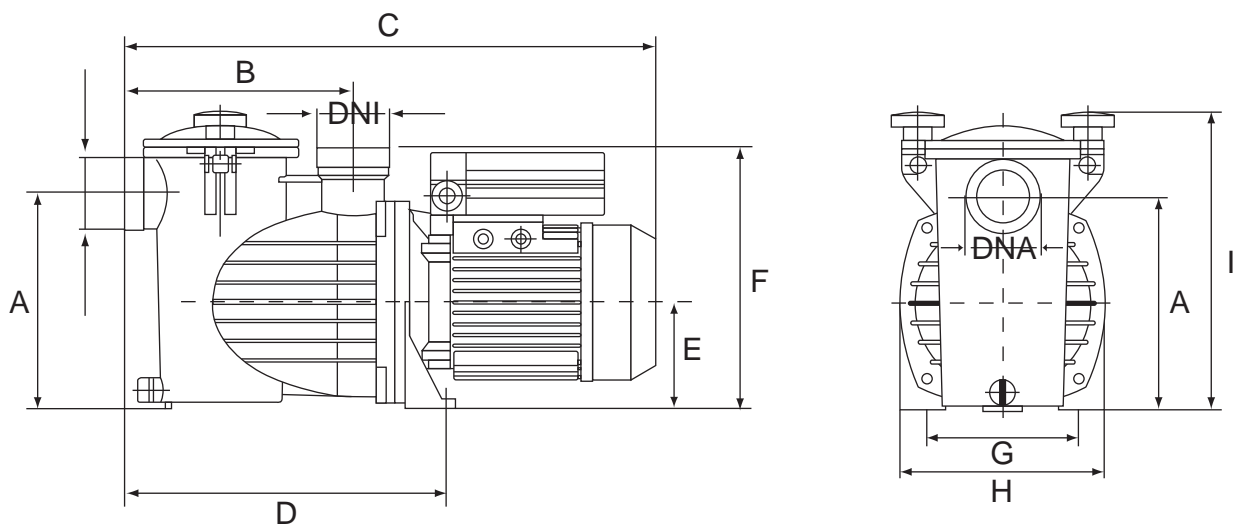
- Self-ventilated 2-pole asynchronous motor
- Class F insulation
- Single phase voltage 230V 50Hz, three phase voltage 230/400V 50Hz (SWT only)

PUMP DATA

- Pump body, seal holding disc and diffuser made of polypropylene reinforced with fibreglass and resistant to chemical substances
- Noryl impeller
- Graphite/ceramic mechanical seal
- AISI 316 shaft
- Transparent polycarbonate pre-filter cover
- Aluminium base
- AISI 304 screws

DIMENSION

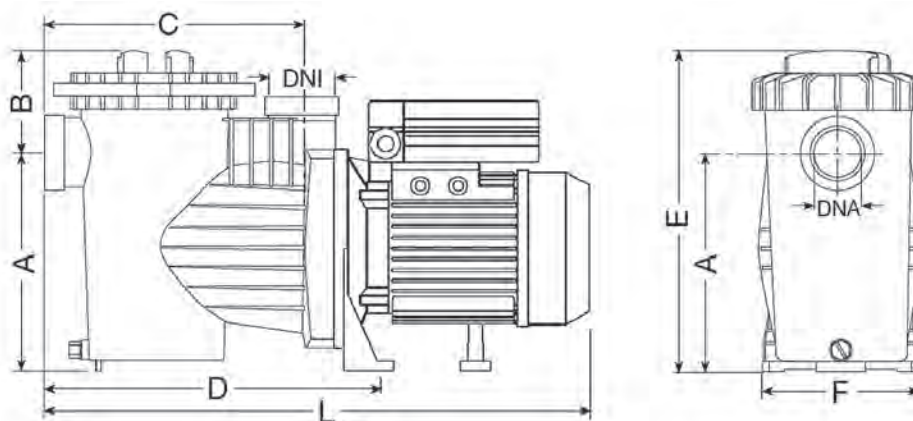
SWS



Model	Dimensions [mm]									DNA DNI	Weight [kg]
	A	B	C	D	E	F	G	H	I		
SWS 50 M	191	205	470	285	95	233	140	180	265	1½"	11.0
SWS 75 M	191	205	470	285	95	233	140	180	265	1½"	12.6
SWS 100 M	191	205	470	285	95	233	140	180	265	1½"	12.6

DIMENSION

SWT



Model	Dimensions [mm]								DNA DNI	Weight [kg]
	A	B	C	D	E	F	L			
SWT 75 M	216	109	265	370	325	206	550	2"	13.0	
SWT 75	216	109	265	370	325	206	550	2"	12.5	
SWT 100 M	216	109	265	370	325	206	550	2"	14.0	
SWT 100	216	109	265	370	325	206	550	2"	14.0	
SWT 150 M	216	109	265	370	325	206	580	2"	17.0	
SWT 150	216	109	265	370	325	206	580	2"	15.5	
SWT 200 M	216	109	265	370	325	206	650	2"	18.5	
SWT 200	216	109	265	370	325	206	575	2"	17.0	
SWT 300 M	216	109	265	370	325	206	650	2"	22.0	
SWT 300	216	109	265	370	325	206	650	2"	19.0	

ELECTRIC DATA

Model		P ₂		Efficiency		Capacitor Single phase		Absorbed current [A]		
Single phase 230V	Three phase 230/400V	[HP]	[kW]	Single phase	Three phase	μF	Vc	Single phase 230V	Three phase 230V 400V	
SWS 50 M	-	0.5	0.33	-	-	14	450	3.5	-	-
SWS 75 M	-	0.75	0.55	-	-	16	450	4.3	-	-
SWS 100 M	-	1	0.75	-	IE2	20	450	5.5	-	-
SWT 75 M	SWT 75	0.75	0.55	-	-	16	450	4.75	3.1	1.8
SWT 100 M	SWT 100	1	0.75	-	IE2	20	450	5.5	3.8	2.2
SWT 150 M	SWT 150	1.5	1.1	-	IE2	31.5	450	7.3	5.0	2.9
SWT 200 M	SWT 200	2	1.5	-	IE2	31.5	450	9.2	6.0	3.5
SWT 300 M	SWT 300	3	2.2	-	IE2	40	450	12.2	8.6	5.0

* Dimensional details are provided for reference only.

* All specifications are subject to change without prior notice.



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