



### TECHNICAL DATA

**Operating range:** up to 42 m<sup>3</sup>/h with head of up to 22 metres.

**Pumped liquid:** clean water, or slightly contaminated water with suspended solid debris, or long fibres; highly aggressive water with high percentage of chlorine/bromine and PHMB (Polyhexamethylene biguanide), or chlorine electrolysis treated water.

**PH Range:** 6,5-8,4.

**Pumped liquid temperature range:** up to 60 °C.

**Maximum ambient temperature:** 50 °C.

**Maximum operating pressure:** 2.5 bar.

**Nominal working pressure:** 0,8 - 1,2 Bar (ideally 1 Bar).

**Installation:** fixed or portable, horizontal position.

**Special executions on requests:** alternative frequencies and voltages.

**Connectors on request:** 2"/50 - 63 (two connectors+O-ring - see "Accessories") kit.

**Standard of reference:** IEC - 60364.

**Protection class of the motor and the terminal box:** IP55.

**Protection class at the terminal board:** IP 55.

**Insulation class:** F

**Standard voltage:** single-phase 220/240 V - 50 Hz.  
three-phase 230/400 V - 50 Hz

### APPLICATIONS

High performance self-priming centrifugal electric pumps with built-in high capacity prefilter. Motor completely isolated from the water. Extremely quiet and highly reliable, developed for water circulation and filtration in domestic and residential swimming pools. Also suitable for specific applications requiring handling of aggressive liquids in the fishing, agricultural, and industrial sectors.

### CONSTRUCTION FEATURES OF THE PUMP

Fibreglass reinforced technopolymer pump body. Transparent antioxidant polycarbonate prefilter cover ensuring constant visibility over the long period. Nylon strainer. Fibreglass reinforced technopolymer impeller designed to ensure total cover and insulation of the motor shaft from the pumped liquid. Reinforced technopolymer diffuser. Carbon / alumina / NBR / AISI 316 mechanical seal. NBR pump body O-ring, AISI 316 stainless steel reinforcement ring nuts and screws. Butterfly filling and drain plugs that can be removed and refitted without tools.

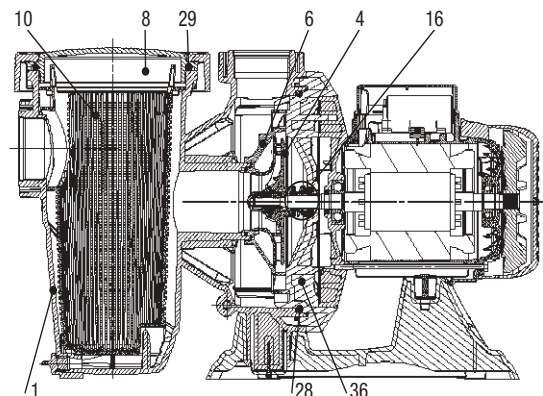
### CONSTRUCTION FEATURES OF THE MOTOR

Continuous service 2-pole asynchronous motor (S1) with a wide power range, from 0,5 HP to 3 HP, both single and three phase (see technical specifications). Die cast aluminium motor casing with cathaphoresis paint coating to avoid oxidation also in aggressive environments. Support base supplied with rubber feet to reduce vibrations. Single phase version with built-in thermal and current protection, and permanent split capacitor (PSC) inside the terminal box for all versions.

### MATERIALS

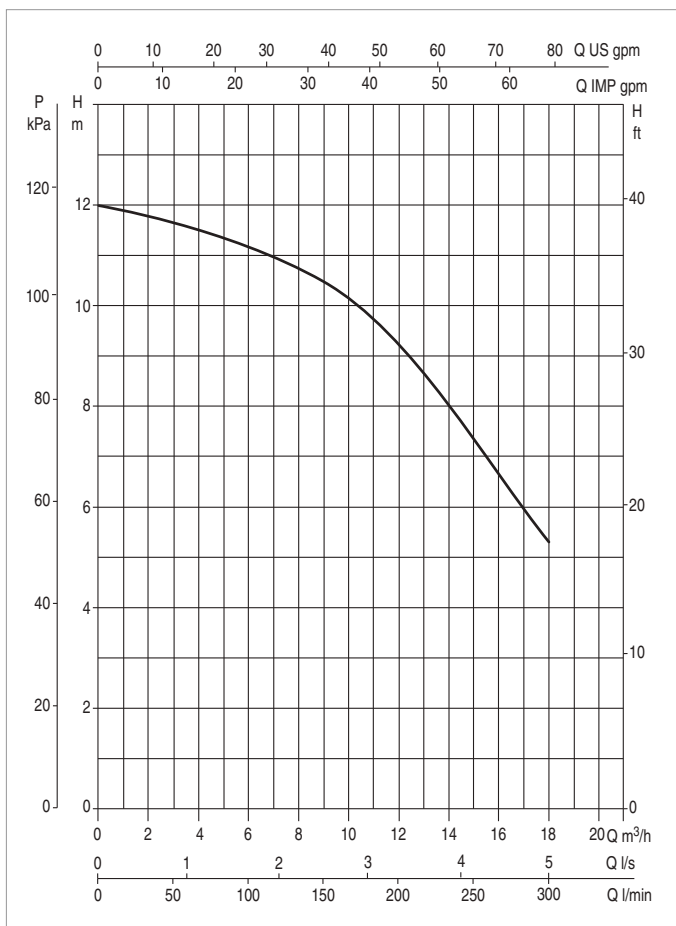
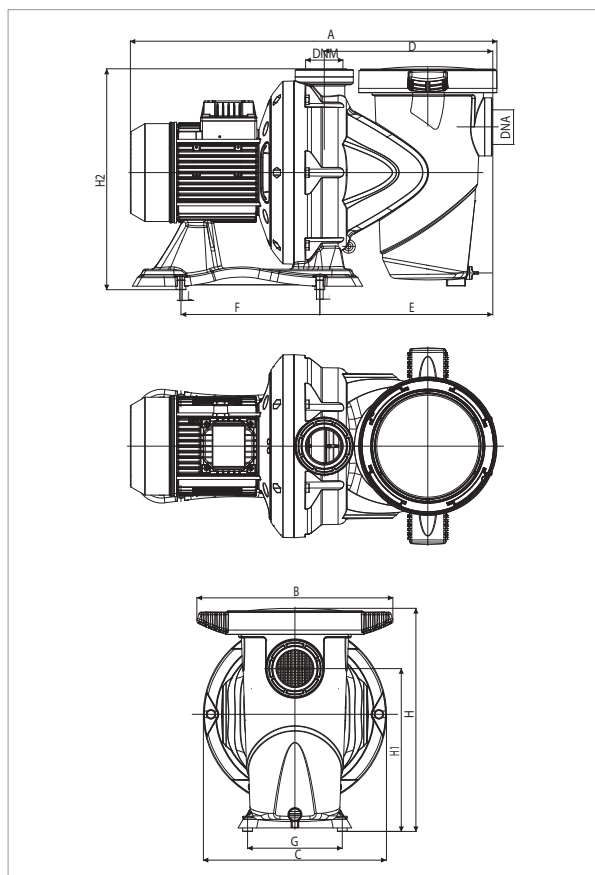
N.	PARTS*	MATERIALS
1	PUMP BODY	REINFORCED TECHNOPOLYMER
4	IMPELLER	REINFORCED TECHNOPOLYMER
6	DIFFUSER	REINFORCED TECHNOPOLYMER
8	STRAINER COVER	POLYCARBONATE
10	STRAINER	TECHNOPOLYMER
16	MECHANICAL SEAL	CARBON/ALUMINA/NBR/AISI316
28	O-RING	NBR
29	O-RING	NBR
36	SEAL HOLDING DISC	REINFORCED, STABILISED TECHNOPOLYMER

\* In contact with the liquid



## EUROSWIM 50 - SWIMMING POOL CENTRIFUGAL ELECTRIC PUMPS

Pumped liquid temperature range: up to 60 °C - Maximum ambient temperature: +50 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.

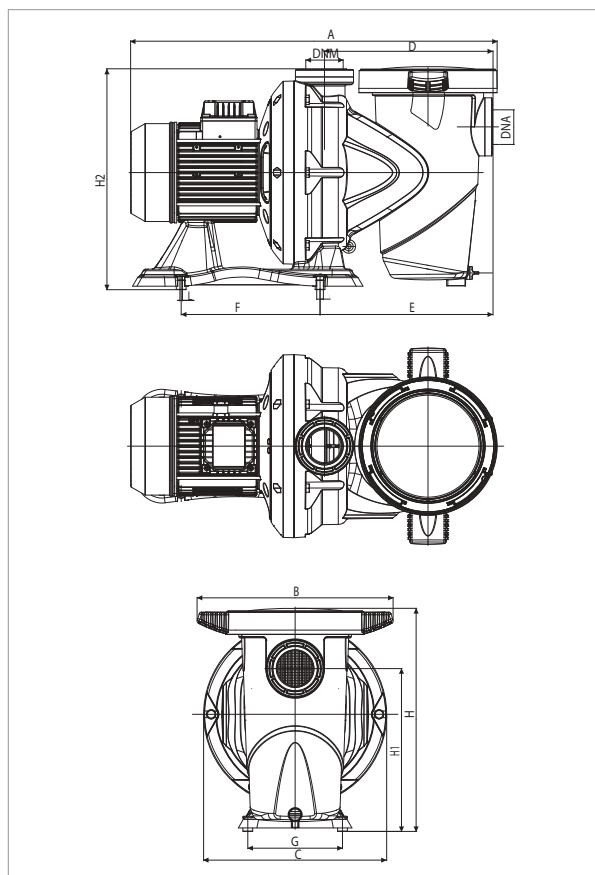
MODEL	Q= m <sup>3</sup> /h	0	3	6	9	12	18	21	24	30	36	42
	Q=l/min	0	50	100	150	200	300	350	400	500	600	700
<b>EUROSWIM 50 M</b>	H (m)	12,0	11,7	11,2	10,5	9,3	5,3					

MODEL	POWER INPUT 50 Hz	P1 MAX W	P2 NOMINAL		In A	CAPACITOR		NOISE LEVEL MAX db (A)
			kW	HP		µF	Vc	
<b>EUROSWIM 50 M</b>	1 x 220 - 240 V ~	900	0,33	0,5	4,2	16	450	64

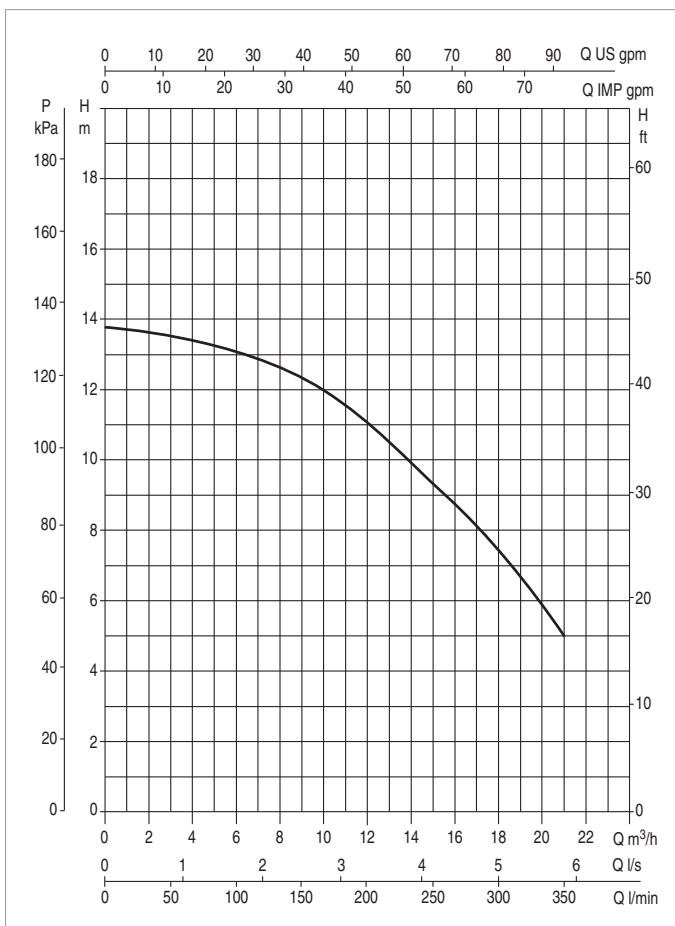
MODEL	A	B	C	D	E	F	G	H	H1	H2	I	L	DNA	DNM	PACKING DIMENSIONS			GROSS WEIGHT kg	Q.TY X PALLET
															L/A	L/B	H		
<b>EUROSWIM 50 M</b>	536	242	242	257	265	220	150	351	222	314	11	6,5	2"	2"	600	360	400	16	8

# EUROSWIM 75 - SWIMMING POOL CENTRIFUGAL ELECTRIC PUMPS

Pumped liquid temperature range: up to 60 °C - Maximum ambient temperature: +50 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.



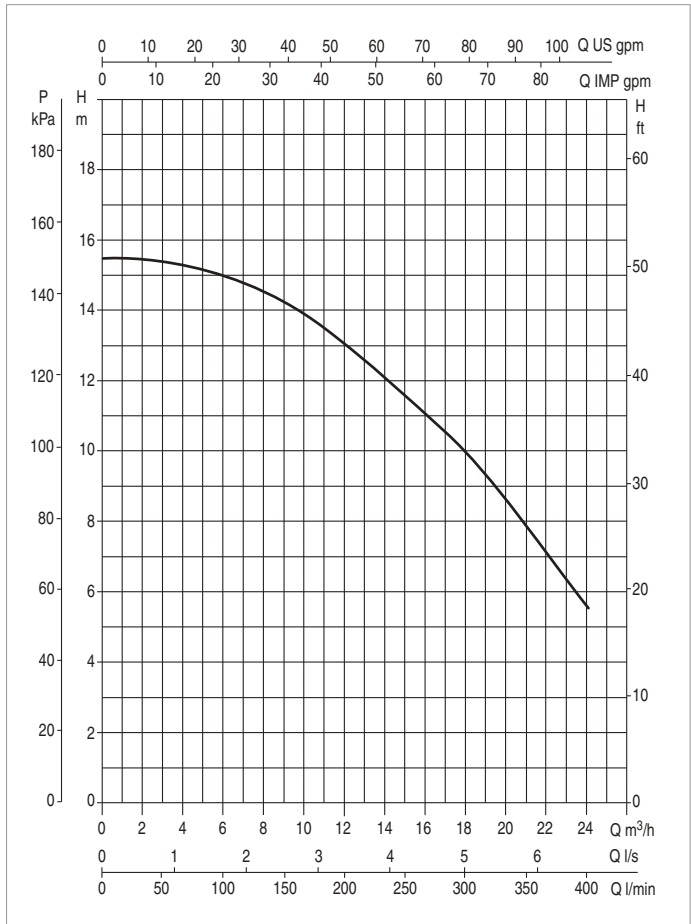
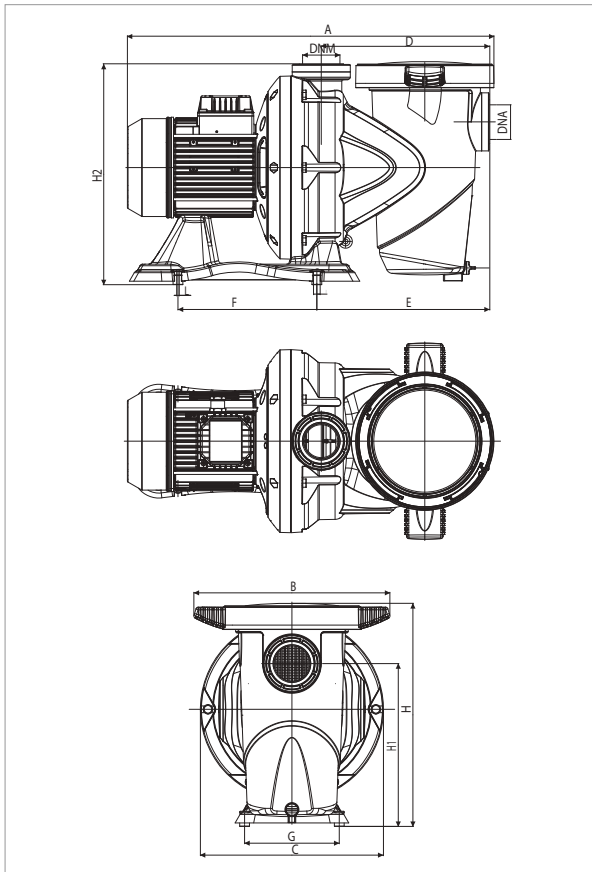
MODEL	Q= m <sup>3</sup> /h	0	3	6	9	12	18	21	24	30	36	42
	Q=l/min	0	50	100	150	200	300	350	400	500	600	700
<b>EUROSWIM 75 M-T</b>	H (m)	13,8	13,5	13,1	12,4	11,1	7,5	5				

MODEL	POWER INPUT 50 Hz	P1 MAX W	P2 NOMINAL		In A	CAPACITOR		NOISE LEVEL MAX db (A)
			kW	HP		µF	Vc	
<b>EUROSWIM 75 M</b>	1 x 220 - 240 V ~	1000	0,5	0,75	5	20	450	65
<b>EUROSWIM 75 T</b>	3 x 230-400 V ~	950	0,5	0,75	3.5 / 2	-	-	65

MODEL	A	B	C	D	E	F	G	H	H1	H2	I	L	DNA	DNM	PACKING DIMENSIONS			GROSS WEIGHT kg	Q.TY X PALLET
															L/A	L/B	H		
<b>EUROSWIM 75 M</b>	552	242	245	257	265	220	150	351	222	314	11	6,5	2"	2"	600	360	400	16,5	8
<b>EUROSWIM 75 T</b>	552	242	245	257	265	220	150	351	222	314	11	6,5	2"	2"	600	360	400	16,5	8

# EUROSWIM 100 - SWIMMING POOL CENTRIFUGAL ELECTRIC PUMPS

Pumped liquid temperature range: up to 60 °C - Maximum ambient temperature: +50 °C



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

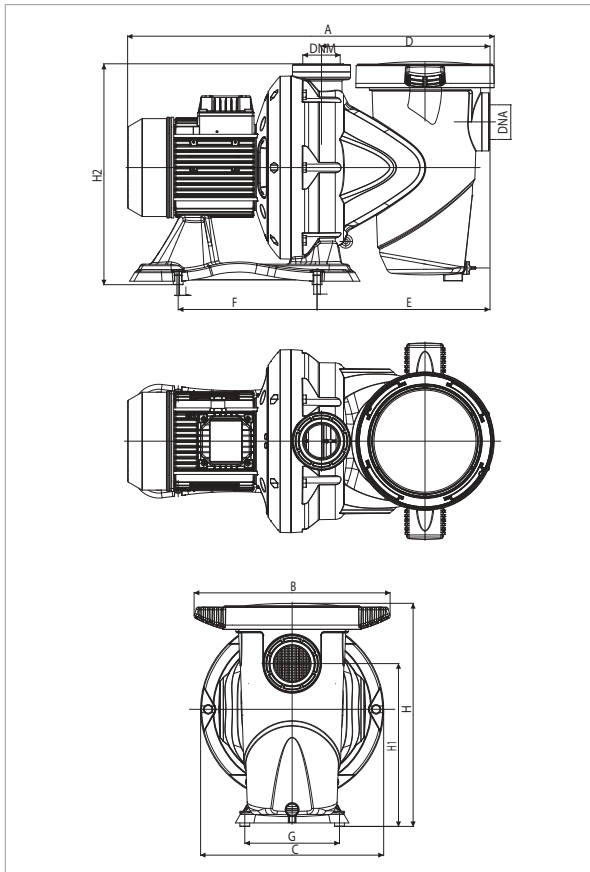
MODEL	Q= m³/h	0	3	6	9	12	18	21	24	30	36	42
	Q=l/min	0	50	100	150	200	300	350	400	500	600	700
<b>EUROSWIM 100 M-T</b>	H (m)	15,4	15,4	15	14,2	13,1	10,0	7,8	5,6			

MODEL	POWER INPUT 50 Hz	P1 MAX W	P2 NOMINAL		In A	CAPACITOR		NOISE LEVEL MAX db (A)
			kW	HP		µF	Vc	
<b>EUROSWIM 100 M</b>	1 x 220-240 V ~	1300	0,75	1	6,3	25	450	66
<b>EUROSWIM 100 T</b>	3 x 230-400 V ~	1200	0,75	1	4 / 2,4	-	-	66

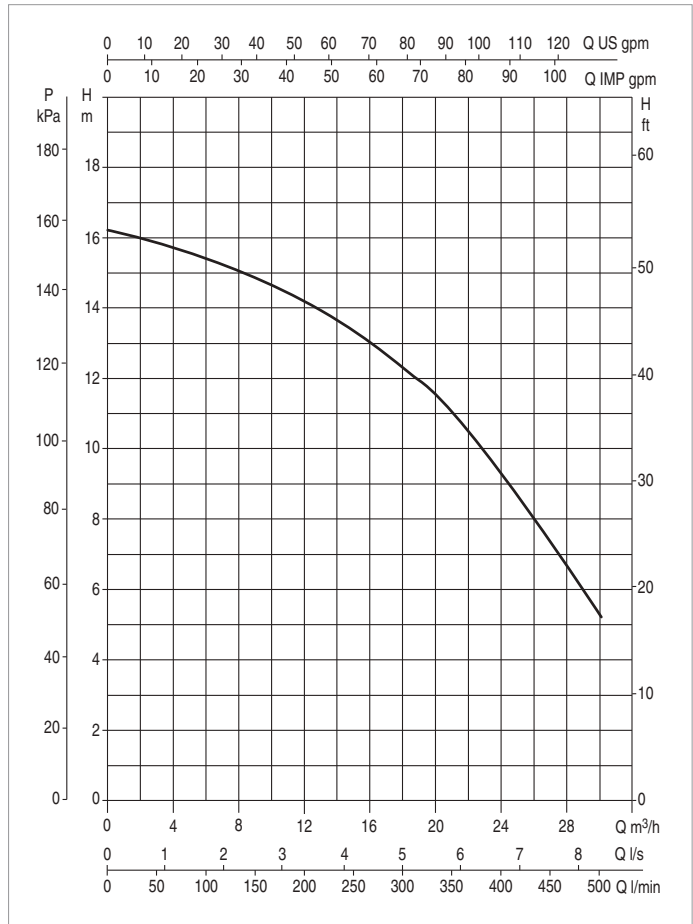
MODEL	A	B	C	D	E	F	G	H	H1	H2	I	L	DNA	DNM	PACKING DIMENSIONS			GROSS WEIGHT kg	Q.TY X PALLET
															L/A	L/B	H		
<b>EUROSWIM 100 M</b>	552	242	245	257	265	220	150	351	222	314	11	6,5	2"	2"	600	360	400	17	8
<b>EUROSWIM 100 T</b>	552	242	245	257	265	220	150	351	222	314	11	6,5	2"	2"	600	360	400	17	8

# EUROSWIM 150 - SWIMMING POOL CENTRIFUGAL ELECTRIC PUMPS

Pumped liquid temperature range: up to 60 °C - Maximum ambient temperature: +50 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.



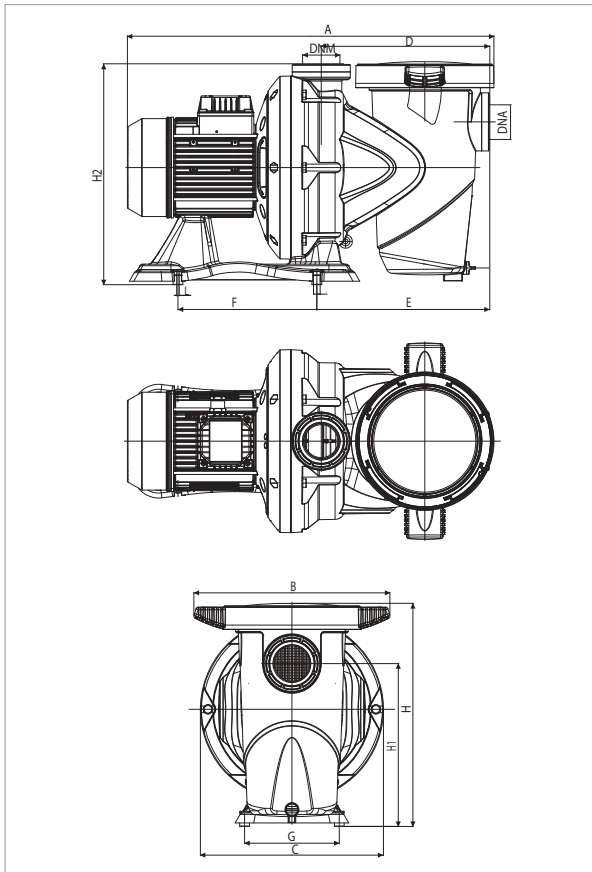
MODEL	Q= m³/h	0	3	6	9	12	18	21	24	30	36	42
	Q=l/min	0	50	100	150	200	300	350	400	500	600	700
<b>EUROSWIM 150 M-T</b>	H (m)	16,2	15,9	15,4	14,9	14,2	12,4	11,1	9,3	5,3		

MODEL	POWER INPUT 50 Hz	P1 MAX W	P2 NOMINAL		In A	CAPACITOR		NOISE LEVEL MAX db (A)
			kW	HP		µF	Vc	
<b>EUROSWIM 150 M</b>	1 x 220-240 V ~	1600	1,1	1,5	7	31,5	450	66
<b>EUROSWIM 150 T</b>	3 x 230-400 V ~	1500	1,1	1,5	6.5 / 3.7	-	-	66

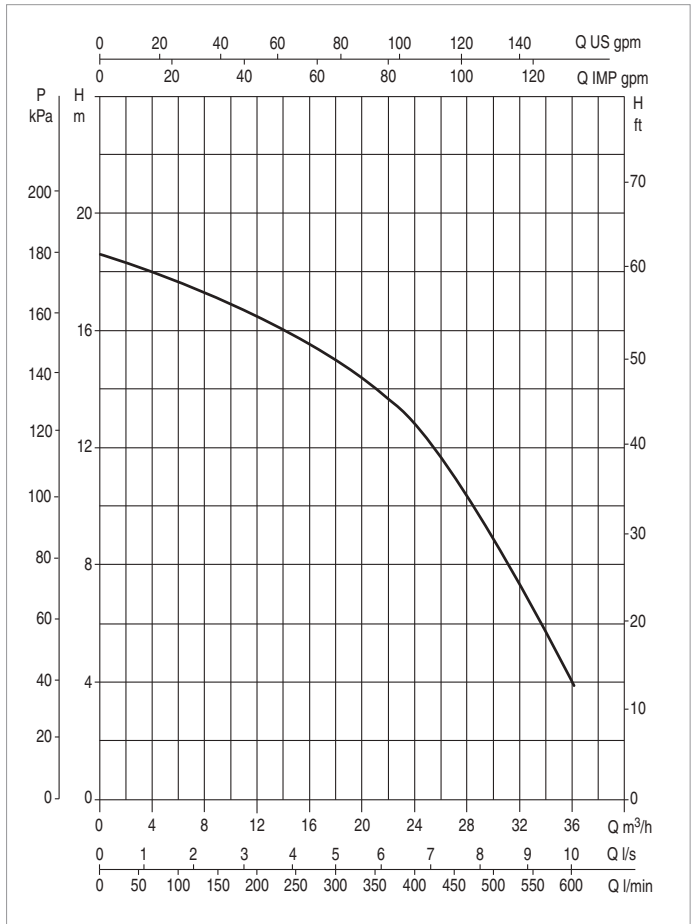
MODEL	A	B	C	D	E	F	G	H	H1	H2	I	L	DNA	DNM	PACKING DIMENSIONS			GROSS WEIGHT kg	Q.TY X PALLET
															L/A	L/B	H		
<b>EUROSWIM 150 M</b>	574	250	290	267	274	220	150	387	258	350	11	6,5	2"	2"	720	350	430	22	6
<b>EUROSWIM 150 T</b>	574	250	290	267	274	220	150	387	258	350	11	6,5	2"	2"	720	350	430	22	6

## EUROSWIM 200 - SWIMMING POOL CENTRIFUGAL ELECTRIC PUMPS

Pumped liquid temperature range: up to 60 °C - Maximum ambient temperature: +50 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.



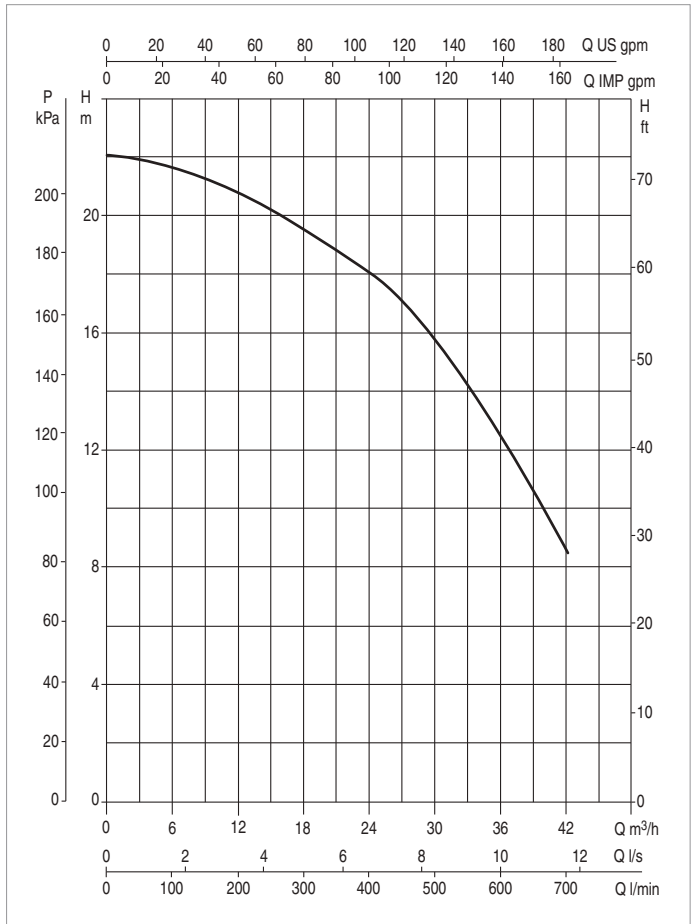
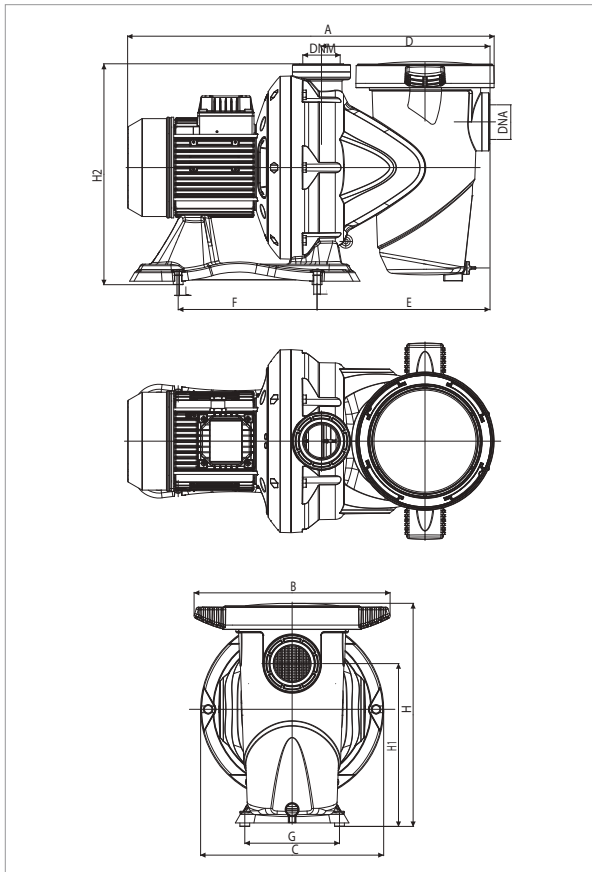
MODEL	Q= m³/h	0	3	6	9	12	18	21	24	30	36	42
	Q=l/min	0	50	100	150	200	300	350	400	500	600	700
<b>EUROSWIM 200 M-T</b>	H (m)	18,6	18,2	17,7	17,1	16,5	15,0	14,1	12,8	9,0	4	

MODEL	POWER INPUT 50 Hz	P1 MAX W	P2 NOMINAL		In A	CAPACITOR		NOISE LEVEL MAX db (A)
			kW	HP		µF	Vc	
<b>EUROSWIM 200 M</b>	1 x 220-240 V ~	1900	1,5	2	8,6	40	450	67
<b>EUROSWIM 200 T</b>	3 x 230-400 V ~	1900	1,5	2	7.2/4	-	-	67

MODEL	A	B	C	D	E	F	G	H	H1	H2	I	L	DNA	DNM	PACKING DIMENSIONS			GROSS WEIGHT kg	Q.TY X PALLET
															L/A	L/B	H		
<b>EUROSWIM 200 M</b>	648	250	290	267	274	220	150	387	258	350	11	6,5	2"	2"	720	350	430	24	6
<b>EUROSWIM 200 T</b>	574	250	290	267	274	220	150	387	258	350	11	6,5	2"	2"	720	350	430	22	6

# EUROSWIM 300 - SWIMMING POOL CENTRIFUGAL ELECTRIC PUMPS

Pumped liquid temperature range: up to 60 °C - Maximum ambient temperature: +50 °C



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

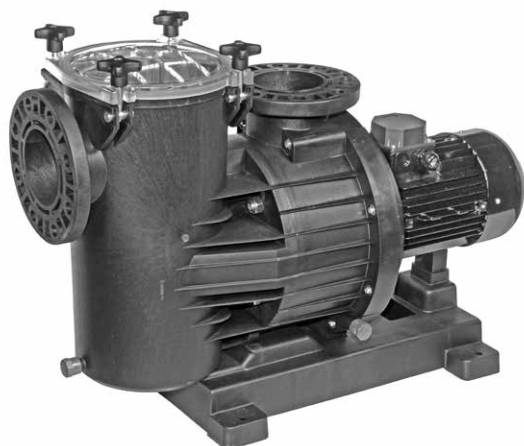
MODEL	Q= m³/h	0	3	6	9	12	18	21	24	30	36	42
	Q=l/min	0	50	100	150	200	300	350	400	500	600	700
<b>EUROSWIM 300 M-T</b>	H (m)	22,0	21,9	21,7	21,3	20,8	19,6	18,9	18,1	15,9	12,5	8,6

MODEL	POWER INPUT 50 Hz	P1 MAX W	P2 NOMINAL		In A	CAPACITOR		NOISE LEVEL MAX db (A)
			kW	HP		µF	Vc	
<b>EUROSWIM 300 M</b>	1 x 220-240 V ~	2800	2,2	3	12	40	450	64
<b>EUROSWIM 300 T</b>	3 x 230-400 V ~	2800	2,2	3	8.7 / 5	-	-	64

MODEL	A	B	C	D	E	F	G	H	H1	H2	I	L	DNA	DNM	PACKING DIMENSIONS			GROSS WEIGHT kg	Q.TY X PALLET
															L/A	L/B	H		
<b>EUROSWIM 300 M</b>	648	252	290	267	274	220	150	387	258	350	11	6,5	2"	2"	720	350	430	24,5	6
<b>EUROSWIM 300 T</b>	648	252	290	267	274	220	150	387	258	350	11	6,5	2"	2"	720	350	430	24,5	6

# EUROPRO HIGH FLOW

## SWIMMING POOL CENTRIFUGAL ELECTRIC PUMPS



### TECHNICAL DATA

**Operating range:** up to 190 m<sup>3</sup>/h with head of up to 22 metres.

**Pumped liquid temperature range:** up to 40 °C.

**Pumped liquid:** clean water, slightly dirty water, slightly aggressive water (Polyhexamethylene biguanide), or chlorine electrolysis treated water.

**Maximum ambient temperature:** 40 °C.

**Installation:** horizontal position.

**Special executions on requests:** alternative frequencies and voltages.

**Protection class of the terminal board:** IP55.

**Insulation class:** F

Standard voltage: 3 x 230-400V 50 Hz up to 4 Kw

3 x 400-690 V 50 Hz over 4 KW

**IE2 motors as standard, from 0,75 kW to 5,5 kW - IE3 ≥ 7,5 kW**

### APPLICATIONS

High performance self-priming centrifugal electric pumps with built-in high capacity prefilter. 2 or 4 pole motor completely isolated from the water. Extremely quiet and highly reliable, developed for water circulation and filtration in large swimming pool filtration systems. Thanks to the AISI 316 mechanical seal, they are also suitable for specific applications for the circulation of **sea water**.

### CONSTRUCTION FEATURES OF THE PUMP:

Prefilter body, pump body, volute, counter volute, and pump body cover in fibre glass reinforced technopolymer resistant to swimming pool chemical agents. Polyethylene prefilter canister. Transparent polycarbonate prefilter cover with four-knob closing system.

### CONSTRUCTION FEATURES

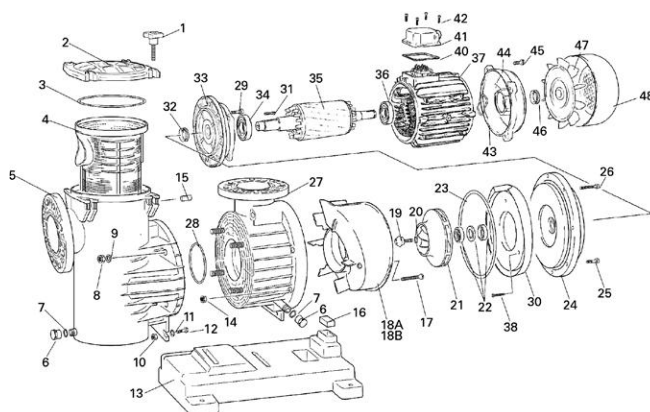
External ventilation closed asynchronous motor, 2 or 4 poles, depending on the model, with a wide power range from 3 to 15 HP.

### MATERIALS

N.	PARTS	MATERIALS
5	PREFILTER BODY	FIBREGLASS REINFORCED POLYPROPYLENE
27	PUMP BODY	FIBREGLASS REINFORCED POLYPROPYLENE
18	VOLUTE	FIBREGLASS REINFORCED POLYPROPYLENE
13	BASE	FIBREGLASS REINFORCED POLYPROPYLENE
24	PUMP BODY COVER	FIBREGLASS REINFORCED POLYPROPYLENE
4	PREFILTER CANISTER	POLYETHYLENE
2	PREFILTER COVER	POLYCARBONATE
21	IMPELLER	NORYL/BRONZE*
22	MECHANICAL SEAL	CERAMIC, CARBON, AND AISI 316
-	SCREWS	AISI 314
35	SHAFT	AISI 316

\* Bronze impeller available on request for Europro 550 T, 750 T and 1000 T models.

\* Bronze impeller supplied as standard for Europro 1250 T and 1500 T models.

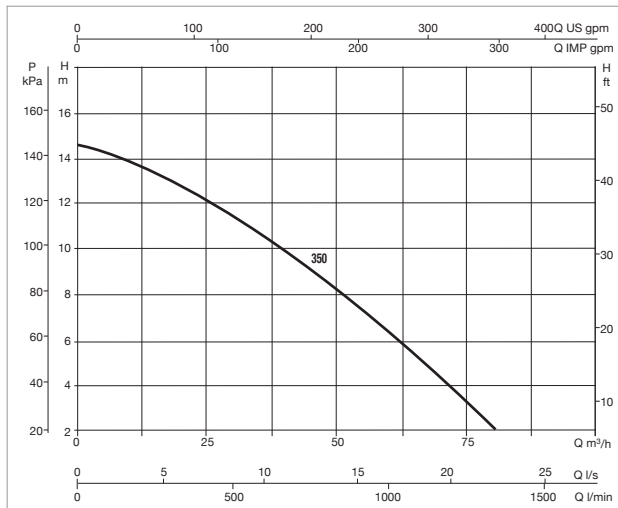
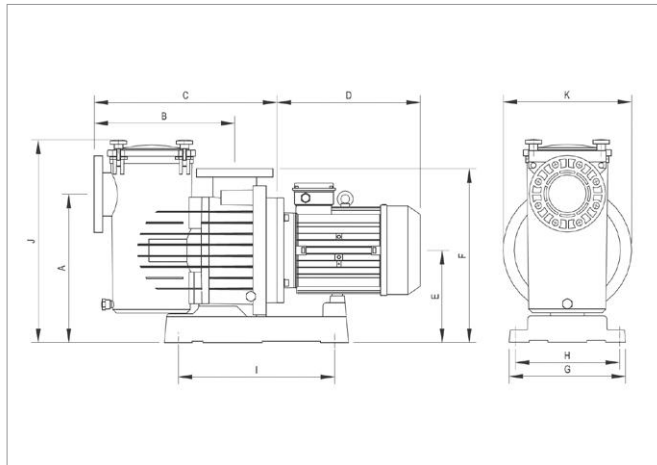




## EUROPRO HIGH FLOW 350

CENTRIFUGAL ELECTRIC PUMPS FOR FILTERING SYSTEMS IN PRIVATE AND PUBLIC SWIMMING POOLS AND FOR INDUSTRIAL APPLICATIONS

Pumped liquid temperature range: up to 40 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

MODEL	H=m	6	8	10	12	14	16	18	20	22
EUROPRO 350 T	Q (m³/h)	62	51	40	28	8				

MODEL	POWER INPUT 50 Hz	MOTOR TYPE	P1 MAX kW	P2 NOMINAL		In A			No. rpm
				HP	kW	230	400	690	
EUROPRO 350 T	3 x 230-400 V	IE2	2,97	3	2,2	9,4	5,3	-	1450

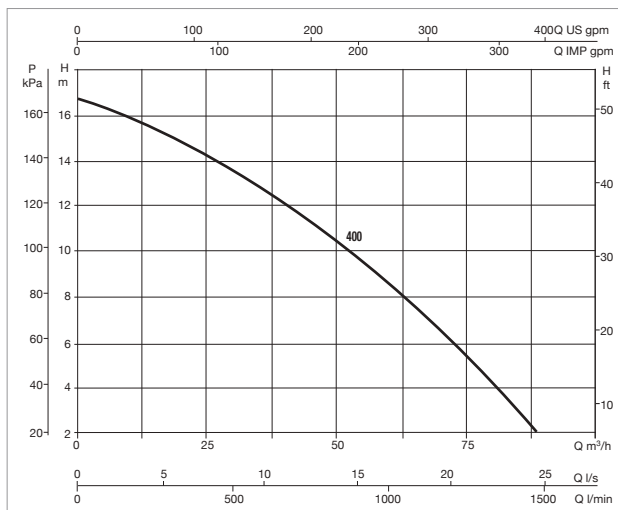
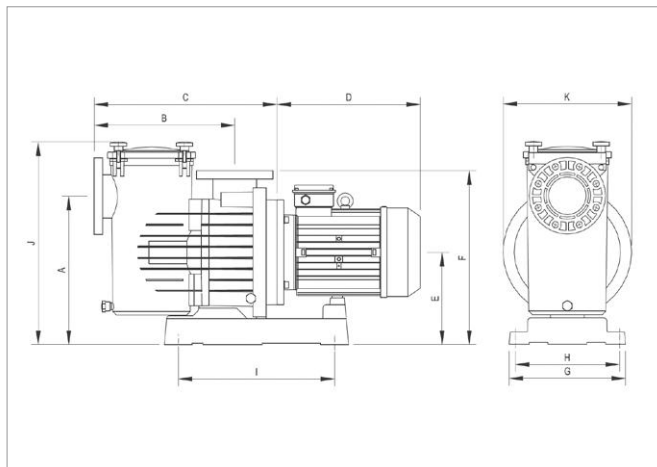
  

MODEL	A	B	C	D	E	F	G	H	I	J	K	DNA	DNM	PACKING DIMENSIONS			WEIGHT kg
														L	B	H	
EUROPRO 350 T	428	405	574	310	267	500	335	300	450	600	370	100	100	840	385	595	42,5

## EUROPRO HIGH FLOW 400

CENTRIFUGAL ELECTRIC PUMPS FOR FILTERING SYSTEMS IN PRIVATE AND PUBLIC SWIMMING POOLS AND FOR INDUSTRIAL APPLICATIONS

Pumped liquid temperature range: up to 40 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

MODEL	H=m	6	8	10	12	14	16	18	20	22
EUROPRO 400 T	Q (m³/h)	72	63	54	42	28	7			

MODEL	POWER INPUT 50 Hz	MOTOR TYPE	P1 MAX kW	P2 NOMINAL		In A			No. rpm
				HP	kW	230	400	690	
EUROPRO 400 T	3 x 230-400 V	IE2	3,83	4	3	12,5	6,9	-	1450

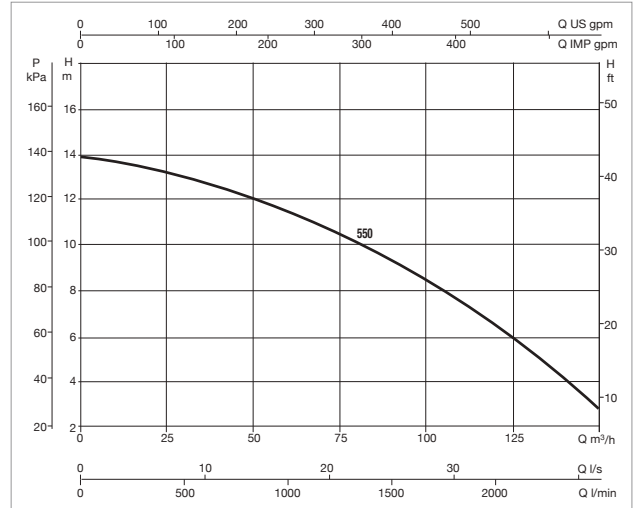
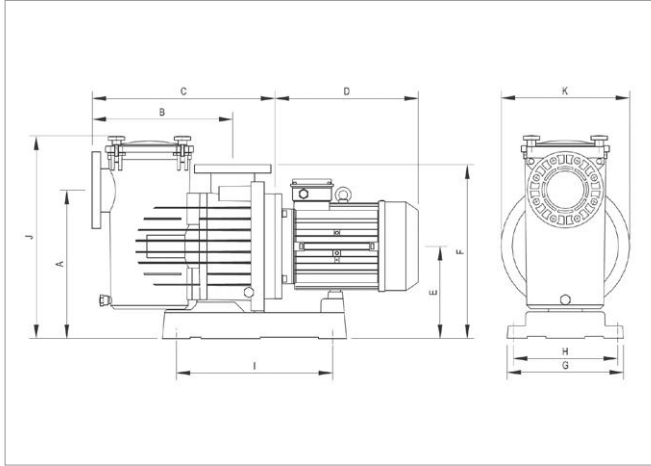
  

MODEL	A	B	C	D	E	F	G	H	I	J	K	DNA	DNM	PACKING DIMENSIONS			WEIGHT kg
														L	B	H	
EUROPRO 400 T	428	405	574	310	267	500	335	300	450	600	370	100	100	840	385	595	44,5

## EUROPRO HIGH FLOW 550

CENTRIFUGAL ELECTRIC PUMPS FOR FILTERING SYSTEMS IN PRIVATE AND PUBLIC SWIMMING POOLS AND FOR INDUSTRIAL APPLICATIONS

Pumped liquid temperature range: up to 40 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

MODEL	H=m	6	8	10	12	14	16	18	20	22
EUROPRO 550 T	$\frac{Q}{(m^3/h)}$	122	104	84	52					

MODEL	POWER INPUT 50 Hz	MOTOR TYPE	P1 MAX kW	P2 NOMINAL		In A			No. rpm
				HP	kW	230	400	690	
EUROPRO 550 T	3 x 230-400 V	IE2	5,54	5,5	4	15,3	8,8	-	1450

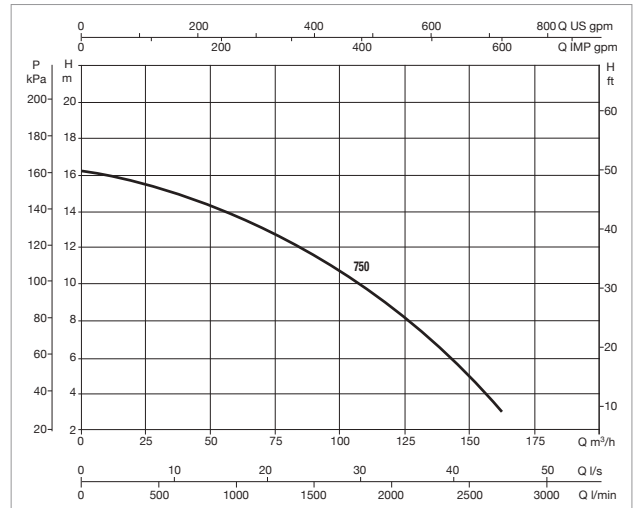
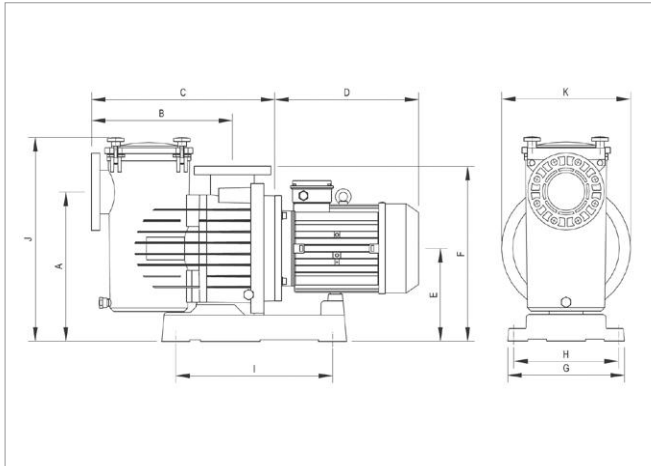
Available with bronze impeller

MODEL	A	B	C	D	E	F	G	H	I	J	K	DNA	DNM	PACKING DIMENSIONS			WEIGHT kg
														L	B	H	
EUROPRO 550 T	428	405	574	335	267	500	335	300	450	600	370	100	100	1170	385	715	53,5

## EUROPRO HIGH FLOW 750

CENTRIFUGAL ELECTRIC PUMPS FOR FILTERING SYSTEMS IN PRIVATE AND PUBLIC SWIMMING POOLS AND FOR INDUSTRIAL APPLICATIONS

Pumped liquid temperature range: up to 40 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

MODEL	H=m	6	8	10	12	14	16	18	20	22
EUROPRO 750 T	$\frac{Q}{(m^3/h)}$	144	126	106	84	56				

MODEL	POWER INPUT 50 Hz	MOTOR TYPE	P1 MAX kW	P2 NOMINAL		In A			No. rpm
				HP	kW	230	400	690	
EUROPRO 750 T	3 x 400-690 V	IE2	6,85	7,5	5,5	-	12	7	1450

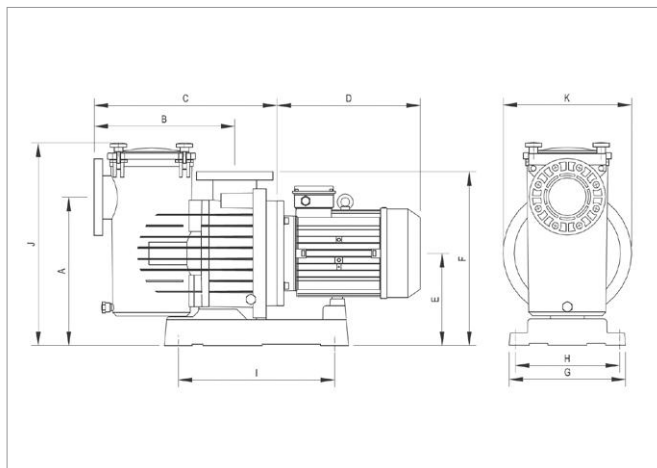
Available with bronze impeller

MODEL	A	B	C	D	E	F	G	H	I	J	K	DNA	DNM	PACKING DIMENSIONS			WEIGHT kg
														L	B	H	
EUROPRO 750 T	428	405	574	380	267	500	335	300	450	600	370	100	100	1170	385	715	66

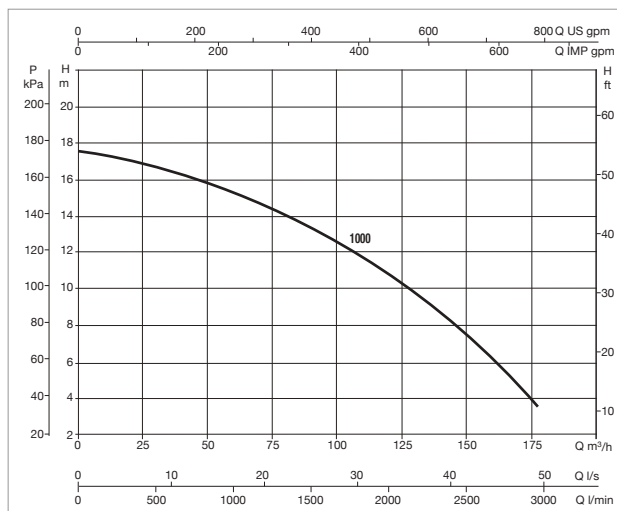
## EUROPRO HIGH FLOW 1000

CENTRIFUGAL ELECTRIC PUMPS FOR FILTERING SYSTEMS IN PRIVATE AND PUBLIC SWIMMING POOLS AND FOR INDUSTRIAL APPLICATIONS

Pumped liquid temperature range: up to 40 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.



MODEL	H=m	6	8	10	12	14	16	18	20	22
EUROPRO 1000 T	Q (m <sup>3</sup> /h)	160	144	126	107	84	48			

MODEL	POWER INPUT 50 Hz	MOTOR TYPE	P1 MAX kW	P2 NOMINAL		In A			No. rpm
				HP	kW	230	400	690	
EUROPRO 1000 T	3 x 400-690 V	IE3	8,26	10	7,5	-	16,2	9,6	1450

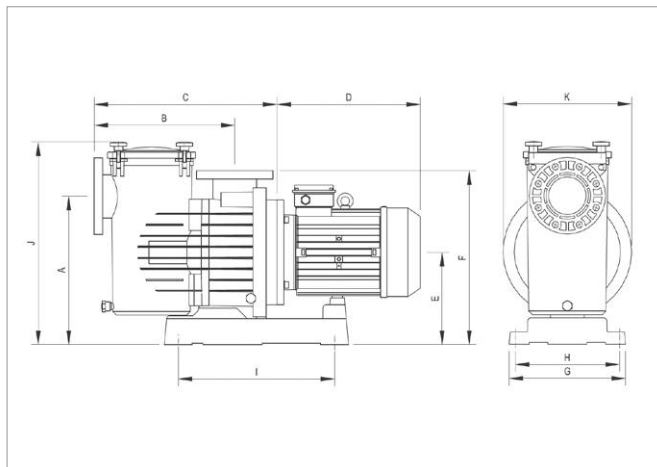
Available with bronze impeller

MODEL	A	B	C	D	E	F	G	H	I	J	K	DNA	DNM	PACKING DIMENSIONS			WEIGHT kg
														L	B	H	
EUROPRO 1000 T	428	405	574	380	267	500	335	300	450	600	370	100	100	1170	385	715	76

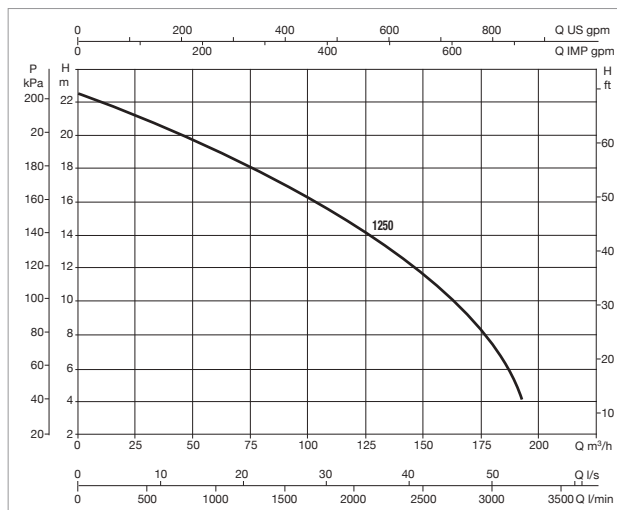
## EUROPRO HIGH FLOW 1250

CENTRIFUGAL ELECTRIC PUMPS FOR FILTERING SYSTEMS IN PRIVATE AND PUBLIC SWIMMING POOLS AND FOR INDUSTRIAL APPLICATIONS

Pumped liquid temperature range: up to 40 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.



MODEL	H=m	6	8	10	12	14	16	18	20	22
EUROPRO 1250 T	Q (m <sup>3</sup> /h)		176	160	144	125	105	80	50	

MODEL	POWER INPUT 50 Hz	MOTOR TYPE	P1 MAX kW	P2 NOMINAL		In A			No. rpm
				HP	kW	230	400	690	
EUROPRO 1250 T	3 x 400-690 V	IE3	13,74	12,5	9,2	-	17,9	10,1	2850

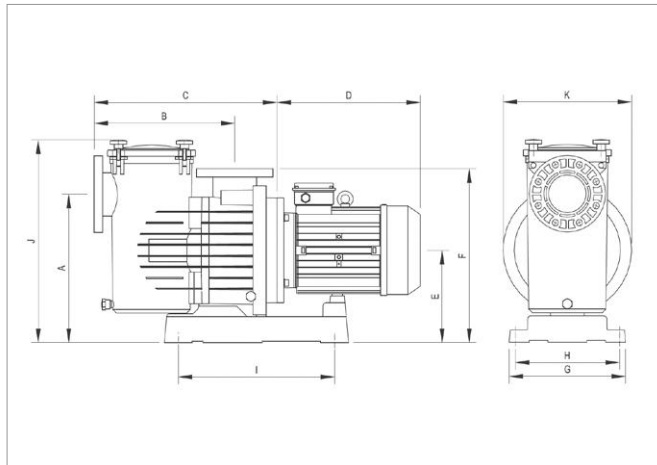
Bronze impeller as standard.

MODEL	A	B	C	D	E	F	G	H	I	J	K	DNA	DNM	PACKING DIMENSIONS			WEIGHT kg
														L	B	H	
EUROPRO 1250 T	428	405	574	380	267	500	335	300	450	600	370	100	100	1170	385	715	84,5

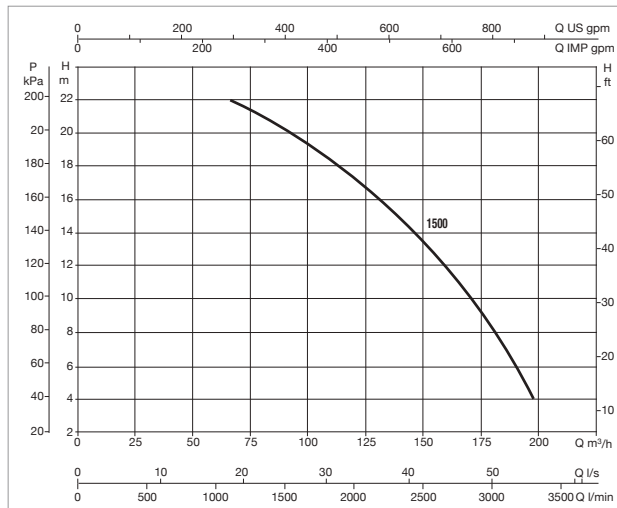
## EUROPRO HIGH FLOW 1500

CENTRIFUGAL ELECTRIC PUMPS FOR FILTERING SYSTEMS IN PRIVATE AND PUBLIC SWIMMING POOLS AND FOR INDUSTRIAL APPLICATIONS

Pumped liquid temperature range: up to 40 °C - Maximum ambient temperature: +40 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.



MODEL	H=m	6	8	10	12	14	16	18	20	22
EUROPRO 1500 T	Q (m <sup>3</sup> /h)		180	168	155	142	130	115	96	67

MODEL	POWER INPUT 50 Hz	MOTOR TYPE	P1 MAX kW	P2 NOMINAL		In A			No. rpm
				HP	kW	230	400	690	
EUROPRO 1500 T	3 x 400-690 V	IE3	15,73	15	11	-	19,9	11	2850

Bronze impeller as standard.

MODEL	A	B	C	D	E	F	G	H	I	J	K	DNA	DNM	PACKING DIMENSIONS			WEIGHT kg
														L	B	H	
EUROPRO 1500 T	428	405	574	380	267	500	335	300	450	600	370	100	100	1170	385	715	85,5

# ESWIM

ELECTRONIC SWIMMING POOL PUMP





DISCOVER THE SVRS MODEL WITH ANTI-ENTRAPMENT SAFETY SYSTEM



### TECHNICAL DATA

**Operating range:** 30 m<sup>3</sup>/h

**Maximum head:** 15,4 m

**Pumped liquid:** clean or slightly dirty water with suspended solid bodies, long fibers; particularly aggressive water with high percentages of chlorine / bromine and PHMB (Polyhexamethylene Biguanide) or water treated with chlorine electrolysis process

**PH Range:** 6,5 - 8,4

**Pumped liquid temperature range:** da +4°C a +40°C

**Maximum ambient temperature:** +50°C

**Maximum operating pressure:** 2,5 bar / 250 kPa

**Protection class of the motor:** IP X5

**Insulation class:** F

**Impeller material:** techopolimer

**Standard voltage:** 230 V 50 Hz o 60 Hz

**Power cord (m) and plug:** not available

**Installation:** portable or fixed

**Certifications:** energy Star, SVRS (only SVRS version)

Eswim and Eswim SVRS are electronic pumps with inverters for filtration in swimming pools or fish farms, including salt water, to be used in domestic and residential environments. Silent, programmable and equipped with a large inspectable pre-filter. The 12-pin control board of Eswim and Eswim SVRS makes them compatible with any control panel, analog or digital.

### CONSTRUCTION FEATURES OF THE PUMP

High capacity strainer basket, with easy to remove cover with filter simple to pull out and cleaning. The filter is in antioxidant material for quick and easy visual inspection. Equipped with rubber feet to reduce vibrations. Bayonet lid closure.

### CONSTRUCTION FEATURES OF THE MOTOR

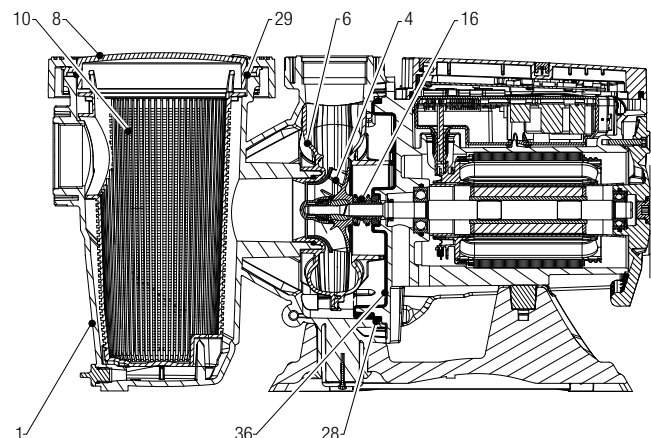
Synchronous permanent magnet motor, brushless, with encapsulated magnetized rotor, cooled by the pumped liquid (without cooling fan), with a noise level of only 45 dB. The aluminum motor casing is coated with elastomer.

### ELECTRONIC FEATURES

The remote control is possible via 0-10 V, 4-20 mA and PWM signal. Thanks to the variable frequency drive, the pumps can operate at constant speed or constant flow (without the use of sensors) to optimize performance and minimize energy consumption. The control panel has 4 buttons with 8 programmable speeds and status and alarm LEDs. There is a menu for weekly and seasonal programming. The SVRS version is equipped with a software function that disables pump suction if an obstruction is detected. "SVRS" is an acronym that means Safety Vacuum Release Systems.

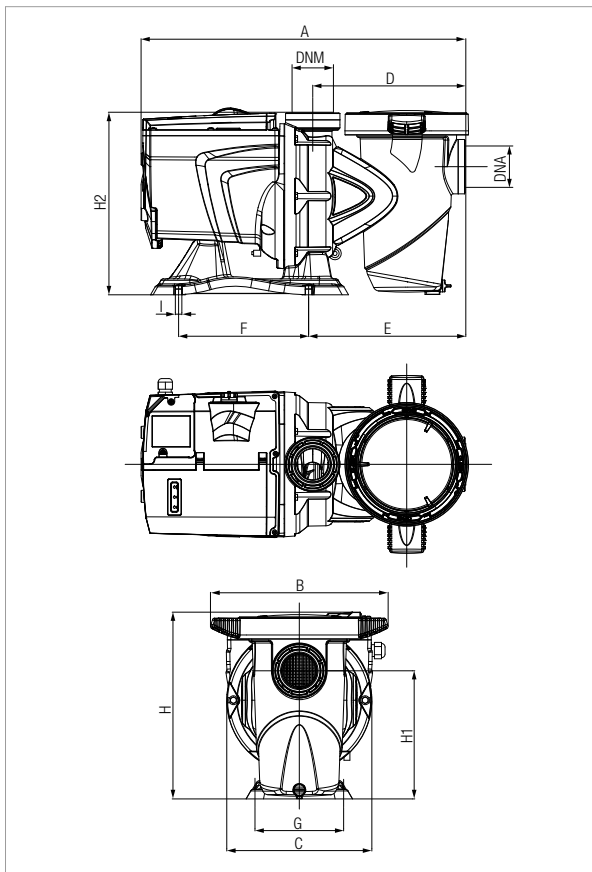
## MATERIALS

N.	PARTS	MATERIALS
1	PUMP BODY	REINFORCED TECHNOPOLYMER
4	IMPELLER	REINFORCED TECHNOPOLYMER
6	VOLUTE	REINFORCED TECHNOPOLYMER
8	STRAINER COVER	POLYCARBONATE
10	STRAINER	TECHNOPOLYMER
16	MECHANICAL SEAL	CARBON/ALUMINA/NBR/AISI316
28	O-RING	NBR
29	O-RING	NBR
36	SEAL HOLDING DISC	EPDM

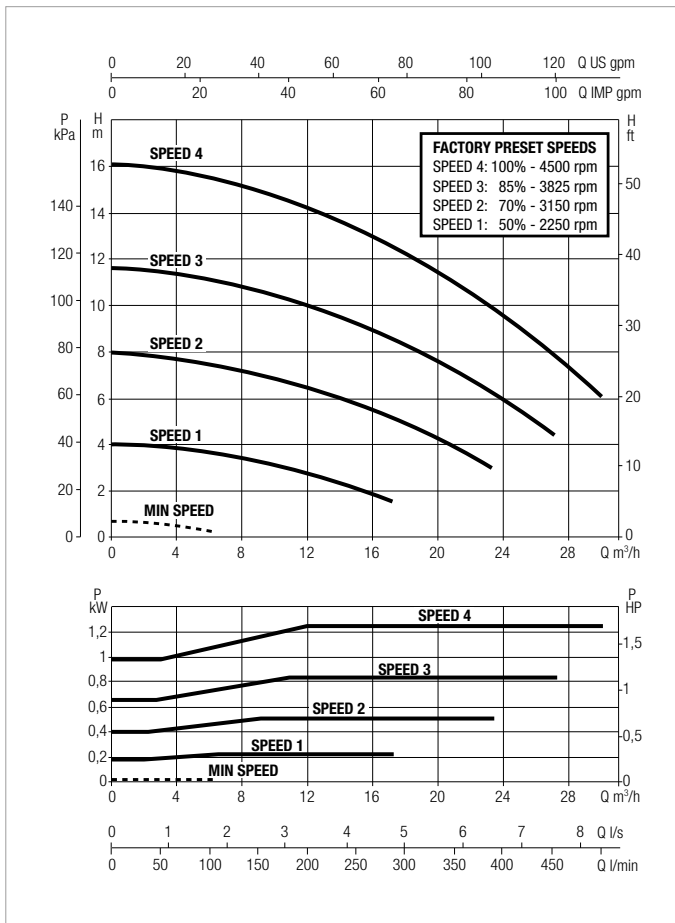


# ESWIM 150 - SWIMMING POOL PUMP

Pumped liquid temperature range: up to 40 °C - Maximum ambient temperature: +50 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.



MODEL	Q= m³/h	0	6	9	12	15	18	21	24	27	30
	Q=l/min	0	100	150	200	250	300	350	400	450	500
ESWIM 150	H (m)	15,9	15,7	15,2	14,4	13,4	12,2	10,9	9,4	7,9	6,3
ESWIM 150 SVRS	H (m)	15,9	15,7	15,2	14,4	13,4	12,2	10,9	9,4	7,9	6,3

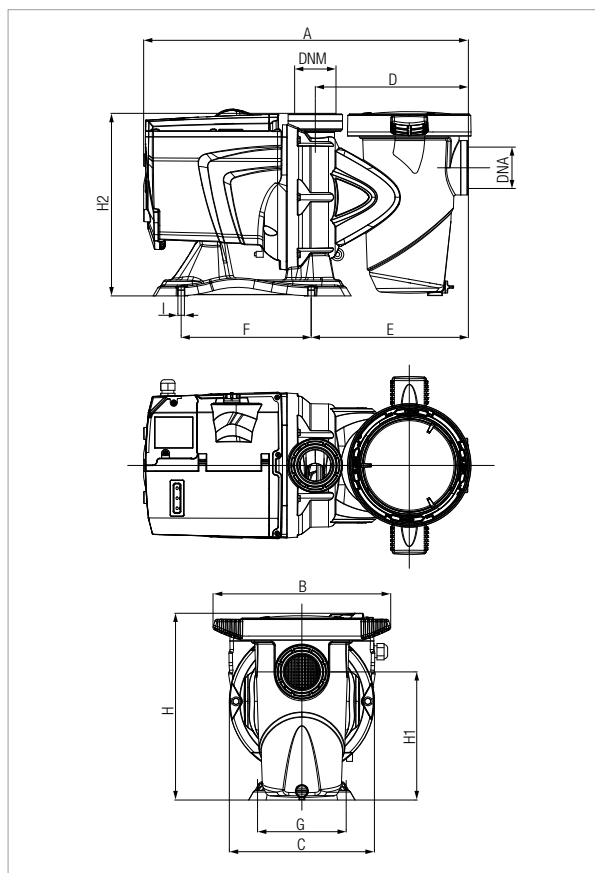
MODEL	POWER INPUT 50 Hz	P1 MAX kW	P2 NOMINAL		In A	NOISE LEVEL - MEDIUM WORKING POSITION db (A)
			kW	HP		
ESWIM 150	230 V	1,25	1,1	1,5	5,6	50 dB(A)
ESWIM 150 SVRS	230 V	1,25	1,1	1,5	5,6	50 dB(A)

MODEL	A	B	C	D	E	F	G	H	H1	H2	I	DNA	DNM	PACKING DIMENSIONS			GROSS WEIGHT kg	Q.TY X PALLET
														L/A	L/B	H		
ESWIM 150	550	300	245	259	266	220	150	316	217	309	11	2" F	2" F	720	350	430	19	8
ESWIM 150 SVRS	550	300	245	259	266	220	150	316	217	309	11	2" F	2" F	720	350	430	19	8

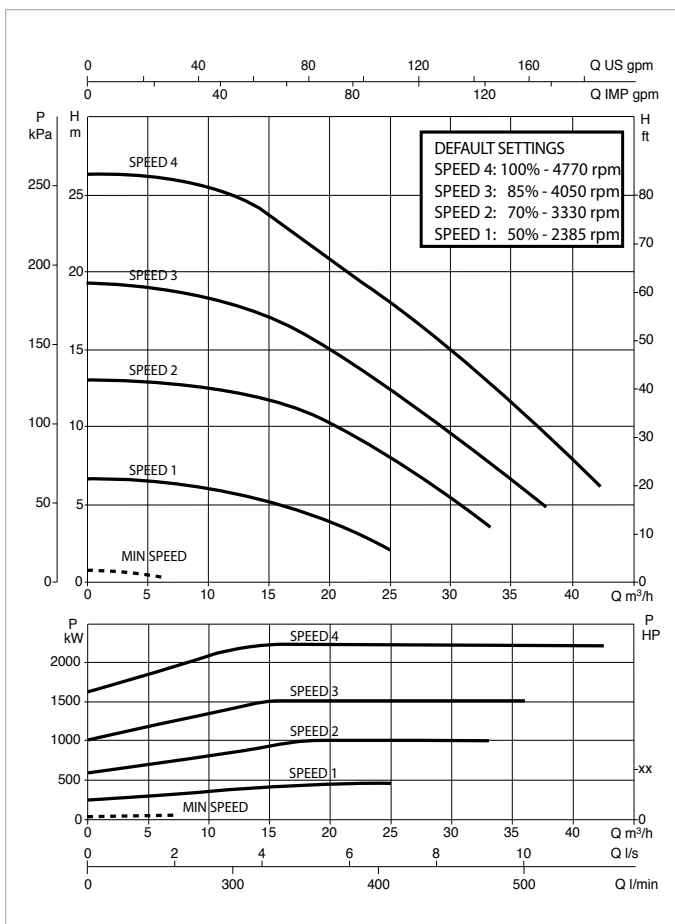


# ESWIM 300 - SWIMMING POOL PUMP

Pumped liquid temperature range: up to 40 °C - Maximum ambient temperature: +50 °C



The performance curves are based on kinematic viscosity values = 1 mm<sup>2</sup>/s and density equal to 1000 kg/m<sup>3</sup>. Curve tolerance according to ISO 9906.



MODEL	Q= m <sup>3</sup> /h	0	5	10	15	20	25	30	35	40	42,6
	Q=l/min	0	83	166	250	333	416	500	583	666	710
<b>ESWIM 300</b>	H (m)	26	25,4	24,8	23,2	20,6	17,4	14,4	11,5	7,8	6

MODEL	POWER INPUT 50 Hz	P1 MAX kW	P2 NOMINAL		In A	NOISE LEVEL - MEDIUM WORKING POSITION db (A)
			kW	HP		
<b>ESWIM 300</b>	230 V	2,25	1,9	2,6	10	44 dB(A)

MODEL	A	B	C	D	E	F	G	H	H1	H2	I	DNA	DNM	PACKING DIMENSIONS			GROSS WEIGHT kg	Q.TY X PALLET
														L/A	L/B	H		
<b>ESWIM 300</b>	574	304	290	269	276	220	150	354	252	344	11	2" F	2" F	720	350	430	21,3	6





# DAB

PUMPS SELECTOR



## On-line selection tool



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