EUROSWIM

SWIMMING POOL PUMPS

TECHNICAL DATA

Operating range: up to 42 m^3/h with up to 22 metre head.
Maximum head: 22 m
Type of liquid pumped: clean or slightly dirty water with suspended solids, long fibres, particularly aggressive water with a high percentage of chlorine/bromine and PHMB (polyhexamethylene biguanide), or electro-chlorinated water
Liquid temperature range: up to +60°C
Maximum ambient temperature: +50°C
Maximum working pressure bar / kPa: 2,5 bar / 250 kPa
Motor and terminal board protection rating: IP55
Motor insulation class: F
Impeller material of construction: technopolymer
Single-phase power supply: 220/240 V - 50 Hz
Three-phase power supply: 3x230 V 50 Hz and 3x400 V 50 Hz
Power cable (m) and plug: not supplied
Possible mounting positions: fixed or portable in horizontal position
Special versions on request: other frequencies and/or voltages
Fittings on request: 2" kit/50 - 63 (two fittings+ O-ring - see "Accessories").
Reference standards: IEC - 60364.

Euroswim is a pump designed to filter swimming pool salt water (35g/litre of water) or chlorinated water in domestic and residential settings.

PUMP DESIGN FEATURES

Technopolymer pump casing. Prefilter lid made from clear polycarbonate with bayonet-style closure. Nylon strainer. Fibreglass-reinforced technopolymer impeller and diffuser.

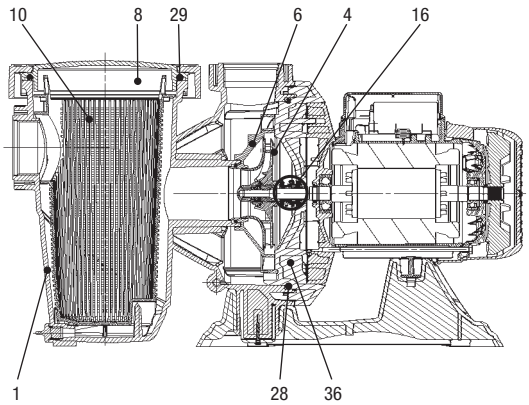
MOTOR DESIGN FEATURES

Two-pole synchronous motor, available in single-phase or three-phase version. Die-cast aluminium motor housing with electrophoretic coating. Single-phase version with thermal overcurrent protection and permanently connected capacitor included as standard. Protection to be provided by user for three-phase version Carbon/alumina mechanical seal

MATERIALS

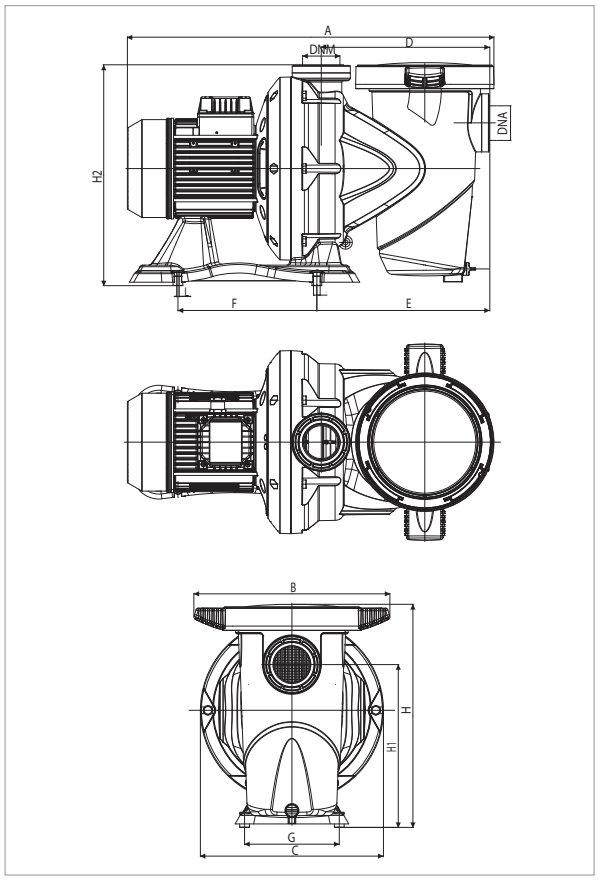
No.	PARTS*	MATERIALS
1	PUMP CASING	REINFORCED TECHNOPOLYMER
4	IMPELLER	REINFORCED TECHNOPOLYMER
6	DIFFUSER	REINFORCED TECHNOPOLYMER
8	FILTER LID	POLYCARBONATE
10	FILTER	TECHNOPOLYMER
16	MECHANICAL SEAL	CARBON/ALUMINA/NBR/AISI 316
28	O-RING	NBR
29	O-RING	NBR
36	SEAL HOLDER DISC	STABILIZED REINFORCED TECHNOPOLYMER

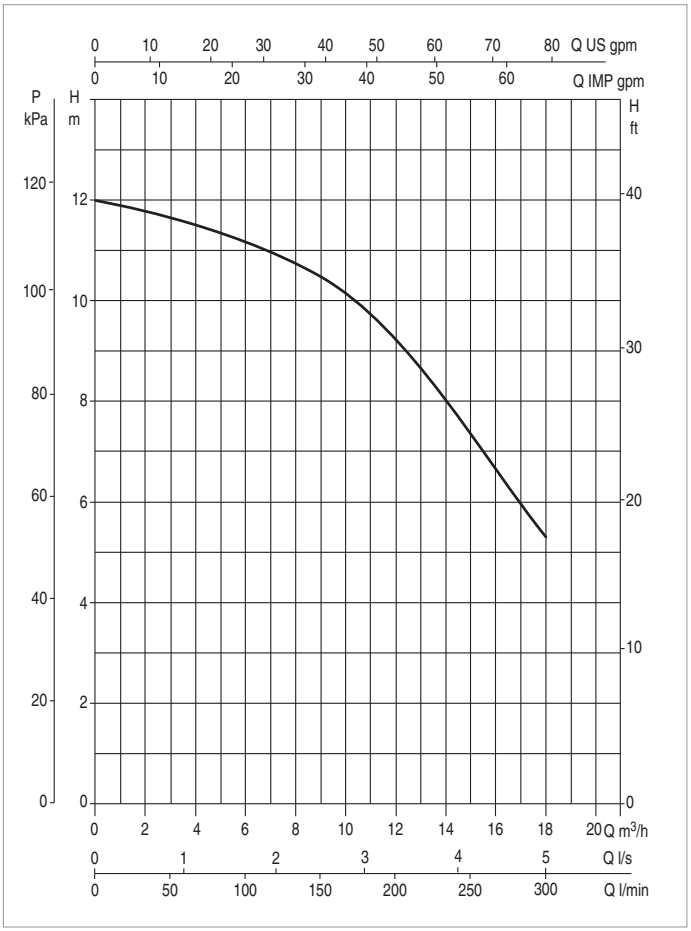
* In contact with fluid



EUROSWIM 50 - SWIMMING POOL 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^2/s and a density of 1000 kg/m^3. Curve tolerance to ISO 9906.

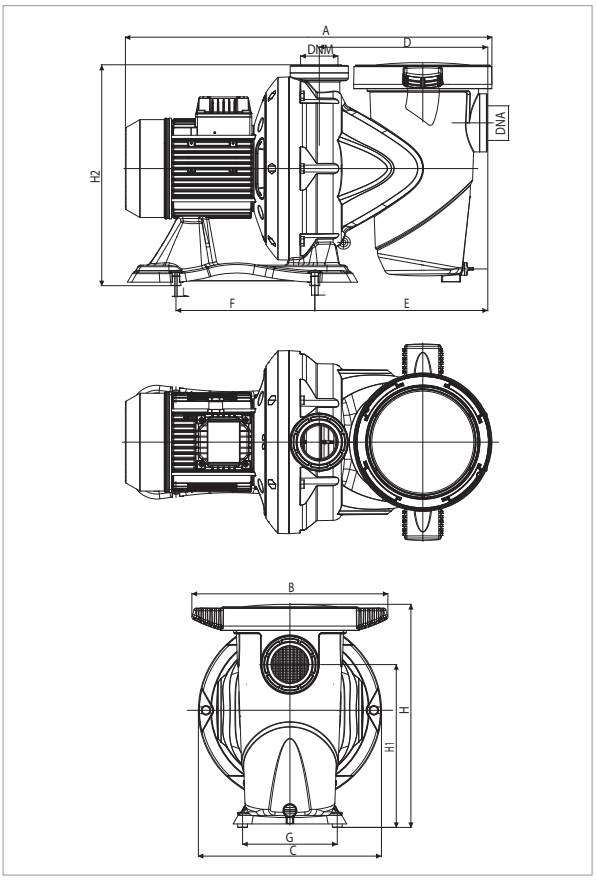
MODEL	Q=m^3/h	0	3	6	9	12	18	21	24	30	36	42
	Q=l/min	0	50	100	150	200	300	350	400	500	600	700
EUROSWIM 50 M	H (m)	12	11,7	11,2	10,5	9,3	5,3					

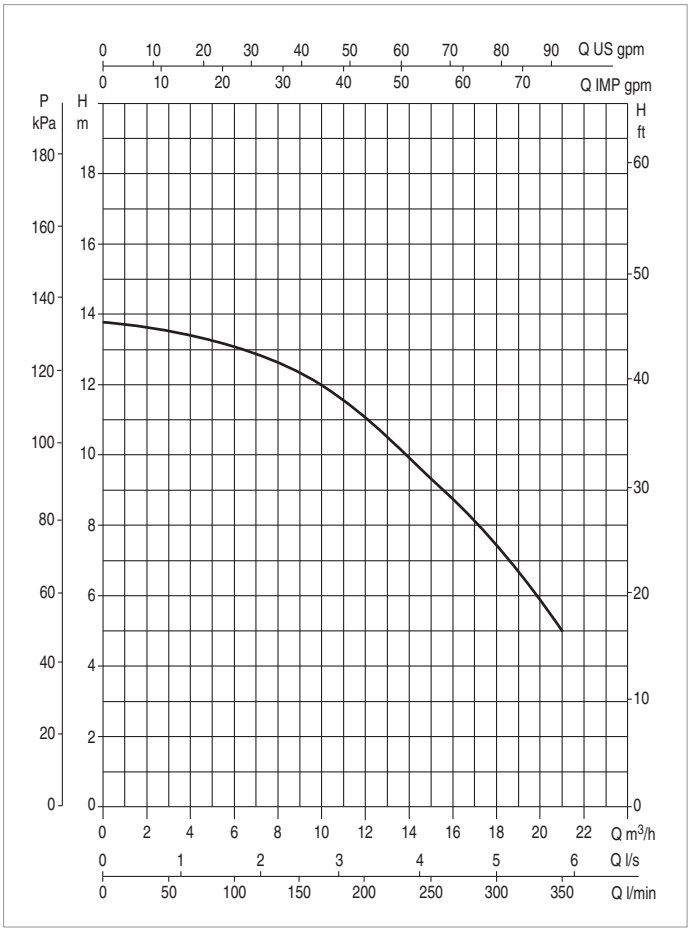
MODEL	POWER SUPPLY 50 Hz	P1 MAX. kW	P2 RATED		In A	CAPACITOR		NOISE LEVEL MAX. dB (A)
			kW	HP		µF	Vc	
EUROSWIM 50 M	1x230 V	0,71	0,55	0,75	3,3	16	450	53

MODEL	A	B	C	D	E	F	G	H	H1	H2	I	DN (S)	DN (D)	PACKAGING DIMENSIONS			WEIGHT kg	QTY / PALLET
														L/A	L/B	H		
EUROSWIM 50 M	536	241	242	257	265	220	150	354	222	314	11	2" F	2" F	600	360	400	16	8

EUROSWIM 75 - SWIMMING POOL 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^2/s and a density of 1000 kg/m^3. Curve tolerance to ISO 9906.

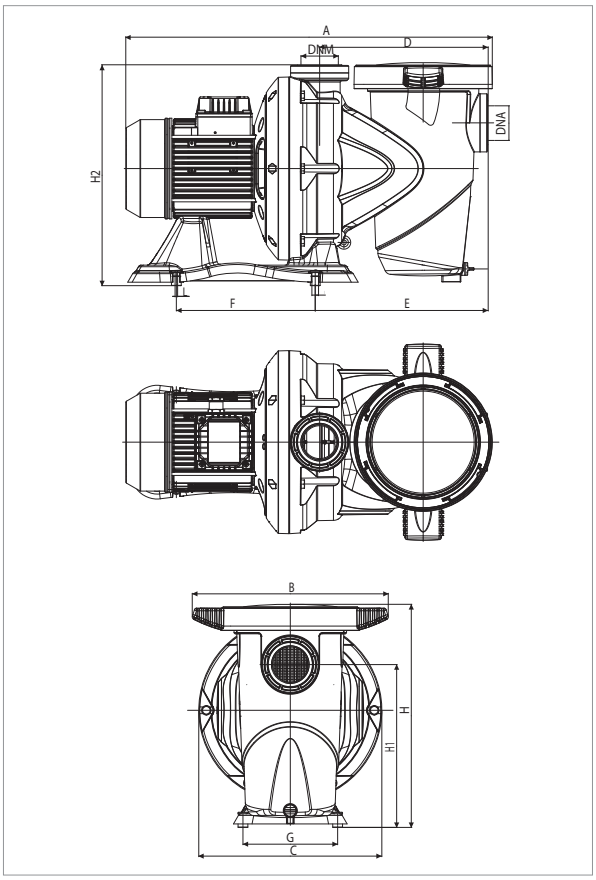
MODEL	Q=m^3/h	0	3	6	9	12	18	21	24	30	36	42
	Q=l/min	0	50	100	150	200	300	350	400	500	600	700
EUROSWIM 75 M-T	H (m)	13,8	13,5	13,1	12,4	11,1	7,5	5				

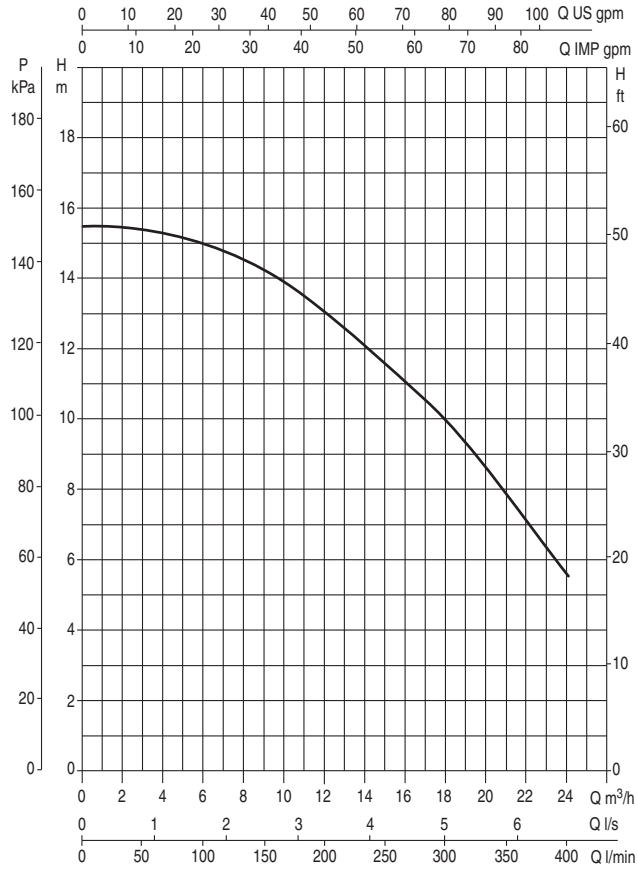
MODEL	POWER SUPPLY 50 Hz	P1 MAX. kW	P2 RATED		In A	CAPACITOR		NOISE LEVEL MAX. dB (A)
			kW	HP		µF	Vc	
EUROSWIM 75 M	1x230 V	0,87	0,75	1	3,8	20	450	56
EUROSWIM 75 T	3x230-400 V ~	0,87	0,5	0,75	3,1/1,8	–	–	56

MODEL	A	B	C	D	E	F	G	H	H1	H2	I	DN (S)	DN (D)	PACKAGING DIMENSIONS			WEIGHT kg	QTY / PALLET
														L/A	L/B	H		
EUROSWIM 75 M-T	552	241	245	257	265	220	150	354	222	314	11	2" F	2" F	600	360	400	16,5	8

EUROSWIM 100 - SWIMMING POOL 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^2/s and a density of 1000 kg/m^3. Curve tolerance to ISO 9906.

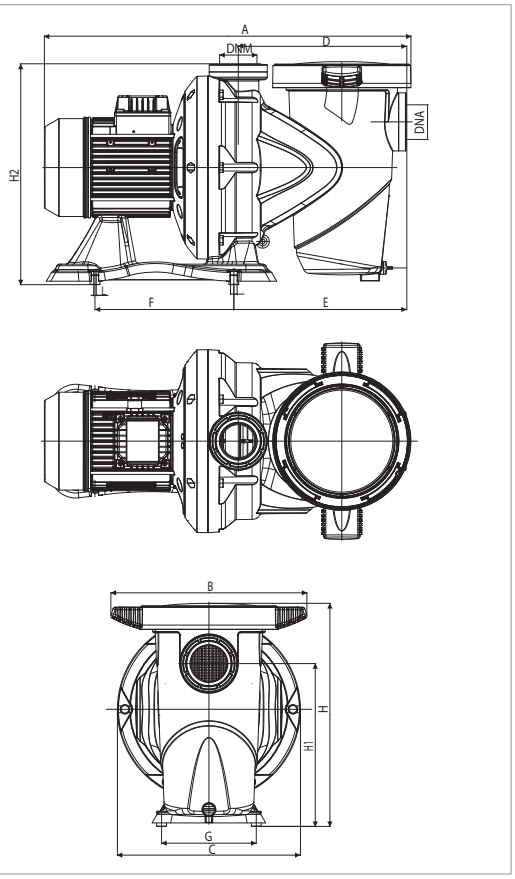
MODEL	Q=m^3/h	0	3	6	9	12	18	21	24	30	36	42
	Q=l/min	0	50	100	150	200	300	350	400	500	600	700
EUROSWIM 100 M-T	H (m)	15,4	15,4	15	14,2	13,1	10	7,8	5,6			

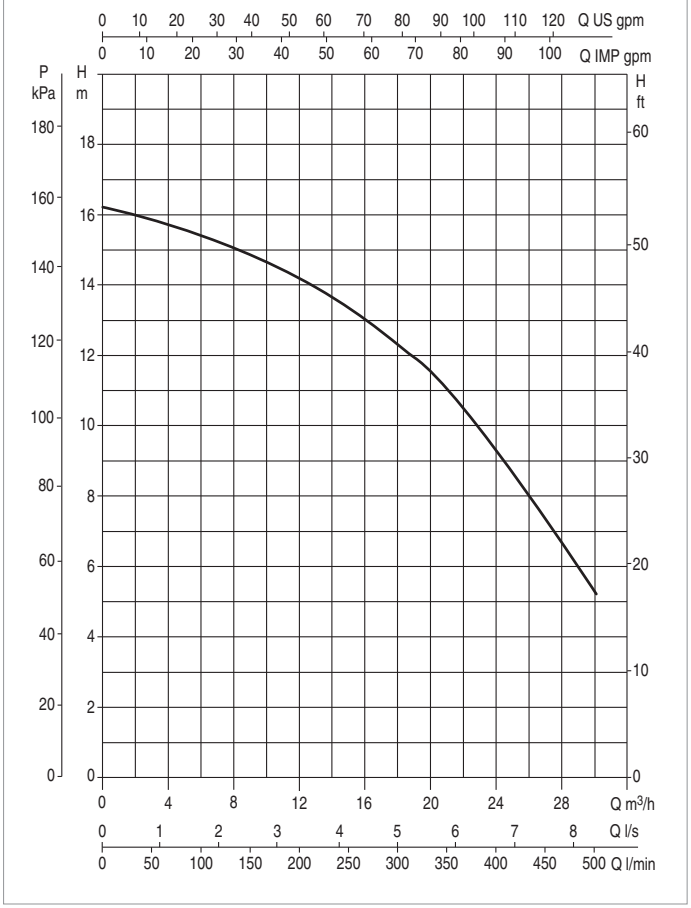
MODEL	POWER SUPPLY 50 Hz	P1 MAX. kW	P2 RATED		In A	CAPACITOR		NOISE LEVEL MAX. dB (A)
			kW	HP		µF	Vc	
EUROSWIM 100 M	1x230 V	1,08	0,85	1,15	4,8	25	450	57
EUROSWIM 100 T	3x230-400 V ~	1,1	0,75	1	3,8/2,2	–	–	57

MODEL	A	B	C	D	E	F	G	H	H1	H2	I	DN (S)	DN (D)	PACKAGING DIMENSIONS			WEIGHT kg	QTY / PALLET
														L/A	L/B	H		
EUROSWIM 100 M-T	552	241	245	257	265	220	150	354	222	314	11	2" F	2" F	600	360	400	17	8

EUROSWIM 150 - SWIMMING POOL 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^2/s and a density of 1000 kg/m^3. Curve tolerance to ISO 9906.

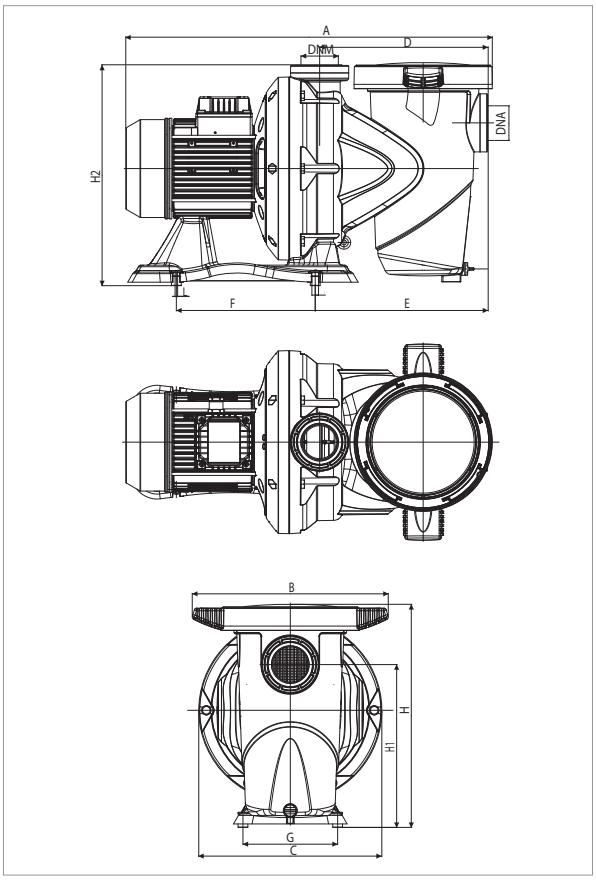
MODEL	Q=m^3/h	0	3	6	9	12	18	21	24	30	36	42
	Q=l/min	0	50	100	150	200	300	350	400	500	600	700
EUROSWIM 150 M-T	H (m)	16,2	15,9	15,4	14,9	14,2	12,4	11,1	9,3	5,3		

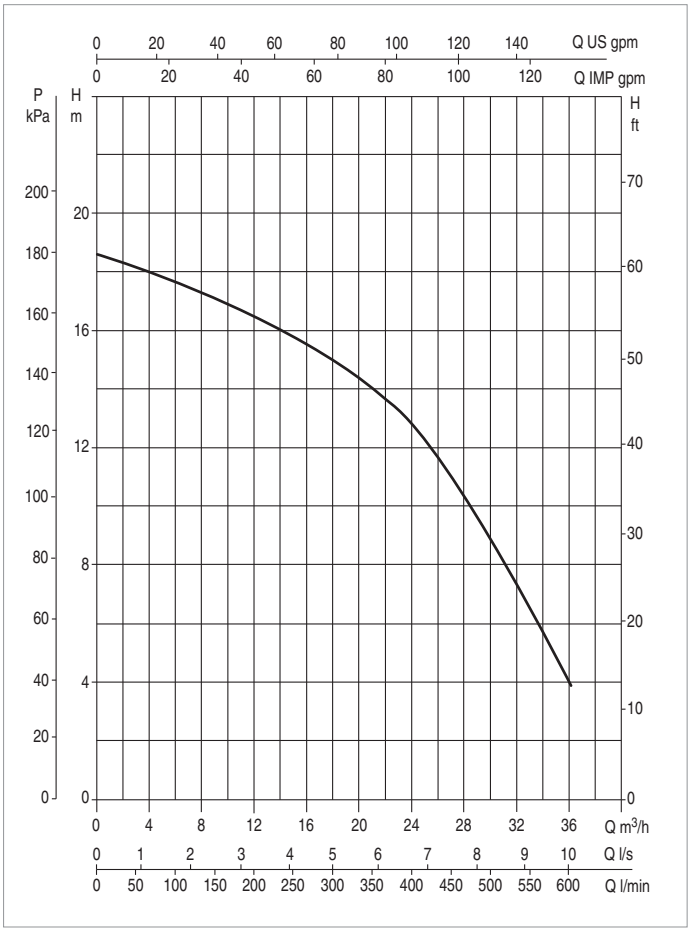
MODEL	POWER SUPPLY 50 Hz	P1 MAX. kW	P2 RATED		In A	CAPACITOR		NOISE LEVEL MAX. dB (A)
			kW	HP		µF	Vc	
EUROSWIM 150 M	1x230 V	1,43	1,1	1,5	6,4	31,5	450	59
EUROSWIM 150 T	3x230-400 V ~	1,5	1,1	1,5	5,4/3,1	–	–	59

MODEL	A	B	C	D	E	F	G	H	H1	H2	I	DN (S)	DN (D)	PACKAGING DIMENSIONS			WEIGHT kg	QTY / PALLET
														L/A	L/B	H		
EUROSWIM 150 M-T	574	251	290	267	274	220	150	390	258	350	11	2" F	2" F	720	350	430	22	6

EUROSWIM 200 - SWIMMING POOL 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^2/s and a density of 1000 kg/m^3. Curve tolerance to ISO 9906.

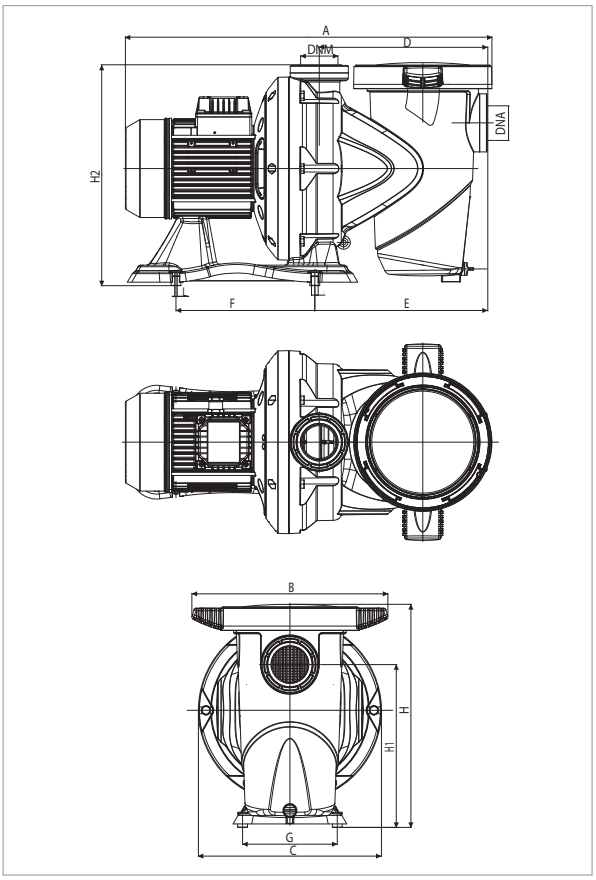
MODEL	Q=m^3/h	0	3	6	9	12	18	21	24	30	36	42
	Q=l/min	0	50	100	150	200	300	350	400	500	600	700
EUROSWIM 200 M-T	H (m)	18,6	18,2	17,7	17,1	16,5	15	14,1	12,8	9	4	

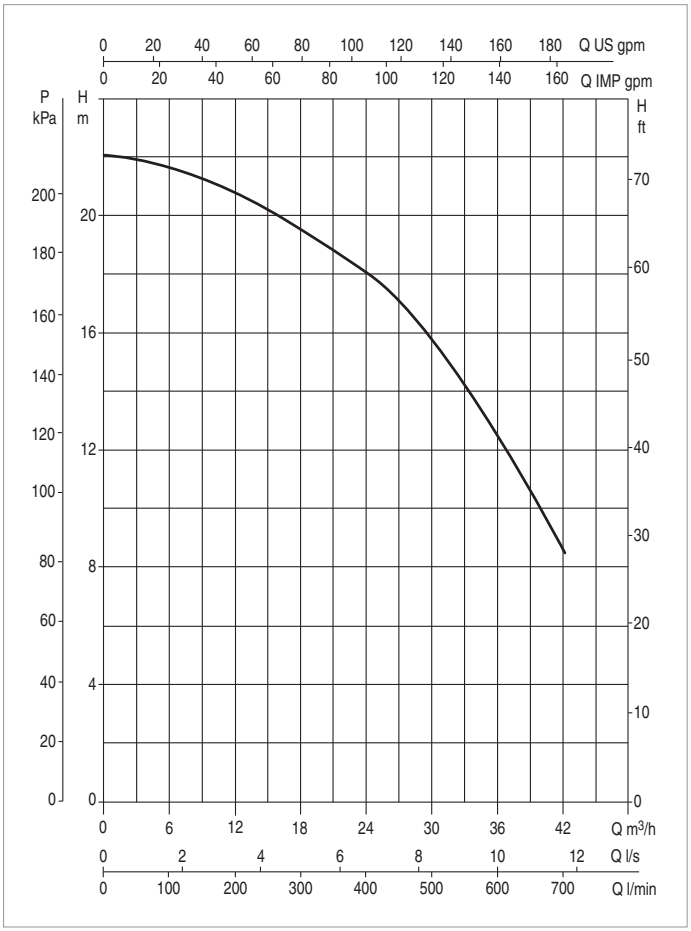
MODEL	POWER SUPPLY 50 Hz	P1 MAX. kW	P2 RATED		In A	CAPACITOR		NOISE LEVEL MAX. dB (A)
			kW	HP		µF	Vc	
EUROSWIM 200 M	1x230 V	1,84	1,4	1,9	8,3	40	450	62
EUROSWIM 200 T	3x230-400 V ~	1,8	1,5	2	5,9/3,4	–	–	62

MODEL	A	B	C	D	E	F	G	H	H1	H2	I	DN (S)	DN (D)	PACKAGING DIMENSIONS			WEIGHT kg	QTY / PALLET
														L/A	L/B	H		
EUROSWIM 200 M	648	251	290	267	274	220	150	390	258	350	11	2" F	2" F	720	350	430	24	6
EUROSWIM 200 T	574	251	290	267	274	220	150	390	258	350	11	2" F	2" F	720	350	430	22	6

EUROSWIM 300 - SWIMMING POOL 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^2/s and a density of 1000 kg/m^3. Curve tolerance to ISO 9906.

MODEL	Q=m^3/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
EUROSWIM 300 M-T	H (m)	22	21,9	21,7	21,3	20,8	19,6	18,9	18,1	15,9	12,5	8,6

MODEL	POWER SUPPLY 50 Hz	P1 MAX. kW	P2 RATED		In A	CAPACITOR		NOISE LEVEL MAX. dB (A)
			kW	HP		µF	Vc	
EUROSWIM 300 M	1x230 V	2,65	1,8	2,45	11,8	40	450	64
EUROSWIM 300 T	3x230-400 V ~	2,5	2,2	3	7,8/4,5	-	-	64

MODEL	A	B	C	D	E	F	G	H	H1	H2	I	DN (S)	DN (D)	PACKAGING DIMENSIONS			GROSS WEIGHT kg	QTY / PALLET
														L/A	L/B	H		
EUROSWIM 300 M-T	648	251	290	267	274	220	150	390	258	350	11	2" F	2" F	720	350	430	24,5	6

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DAB PUMPS reserves the right to make modifications without prior notice