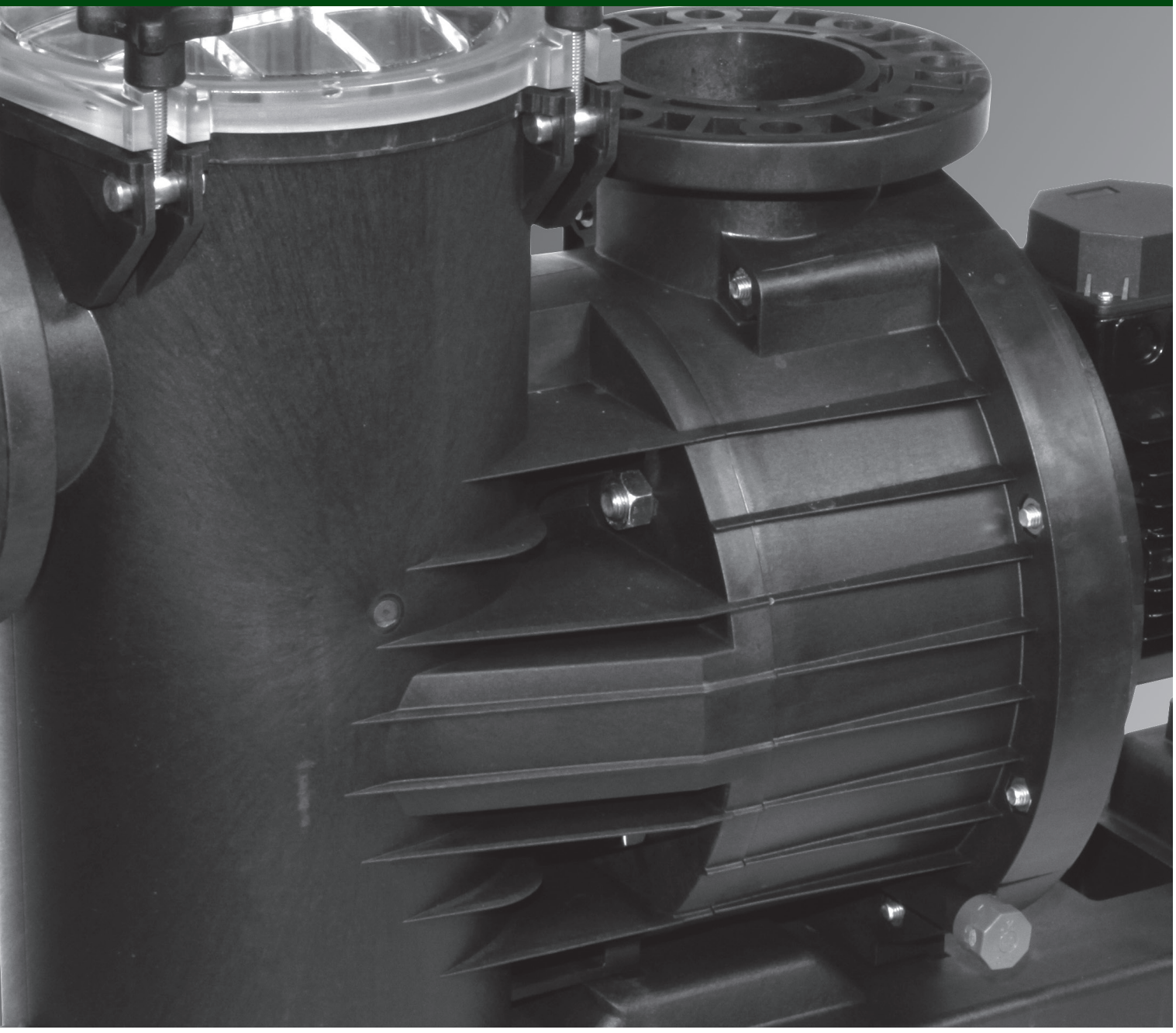
DAB WATER•TECHNOLOGY

EUROPRO HIGH FLOW

SWIMMING POOL CENTRIFUGAL PUMPS



Technical Sheet

EUROPRO HIGH FLOW

SWIMMING POOL CENTRIFUGAL PUMPS

TABLE OF SELECTION

MODEL	H=m	6	8	10	12	14	16	18	20	22
EUROPRO 350 T	Q (m^3/h)	62	51	40	28	8				
EUROPRO 400 T		72	63	54	42	28	7			
EUROPRO 550 T		122	104	84	52					
EUROPRO 750 T		144	126	106	84	56				
EUROPRO 1000 T		160	144	126	107	84	48			
EUROPRO 1250 T			176	160	144	125	105	80	50	
EUROPRO 1500 T			180	168	155	142	130	115	96	67



TECHNICAL DATA

Operating range: Up to 190 m^3/h with head up to 22 m
Temperature range of the liquid: Up to 40°C
Pumped Liquid: clean or slightly dirty water or a little aggressive (Poly Hexamethylene Biguanide) or water treated with chlorine electrolysis process.
Maximum ambient temperature: 40°C
Installation: in horizontal position
Special executions on request: other frequencies and/or voltages

APPLICATIONS

Self-priming, high-performance centrifugal pumps, with built-in large capacity prefilter. 2 or 4 pole motor completely isolated from the water. Extremely quiet and highly reliable, developed for the circulation and filtration in large swimming pool filtration systems. Also suitable for particular applications that require handling of **seawater** thanks to the mechanical seal made of AISI 316.

STRUCTURAL CHARACTERISTICS OF THE PUMP:

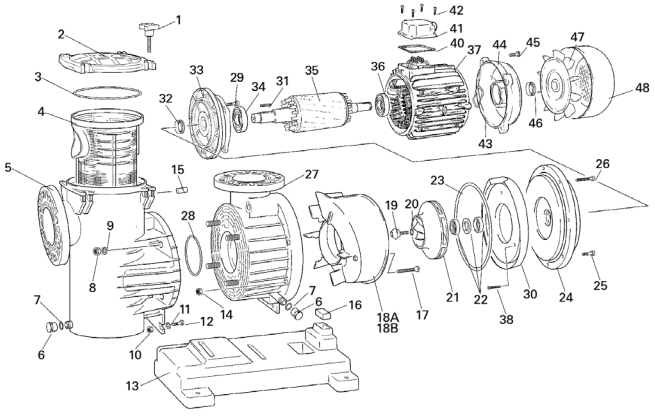
Prefilter body, pump body, spiral, counterspiral and pump body lid are made of polypropylene, resistant to chemical products found in swimming pools and reinforced with fiber glass. Prefilter basket made of zinc. Prefilter lid made of transparent polycarbonate with four knobs locking system.

CONSTRUCTION FEATURES

Closed asynchronous motor with external ventilation with 2 or 4 poles depending on the model, with a wide capacity range from 3 to 15 Hp.
Terminal box with IP55 Degree of protection.
Insulation class: F
Standard voltage: 3 x 230-400V 50 Hz up to 4 kW
3 x 400-690V 50 Hz over 4 KW

MATERIALI

N°	PARTICULARS	MATERIALS
5	PRE-FILTER BODY	POLYPROPYLENE WITH REINFORCED FIBERGLASS
27	PUMP BODY	POLYPROPYLENE WITH REINFORCED FIBERGLASS
18	SPIRAL	POLYPROPYLENE WITH REINFORCED FIBERGLASS
13	BASE	POLYPROPYLENE WITH REINFORCED FIBERGLASS
24	PUMP BODY COVER	POLYPROPYLENE WITH REINFORCED FIBERGLASS
4	PRE-FILTER BASKET	POLYETYLENE
2	PRE-FILTER COVER	POLYCARBONATE
21	IMPELLER	NORYL/BRONZE*
22	MECHANICAL SEAL	CARBON CERAMIC AND AISI 316
-	SCREWS	AISI 314
35	SHAFT	AISI 316



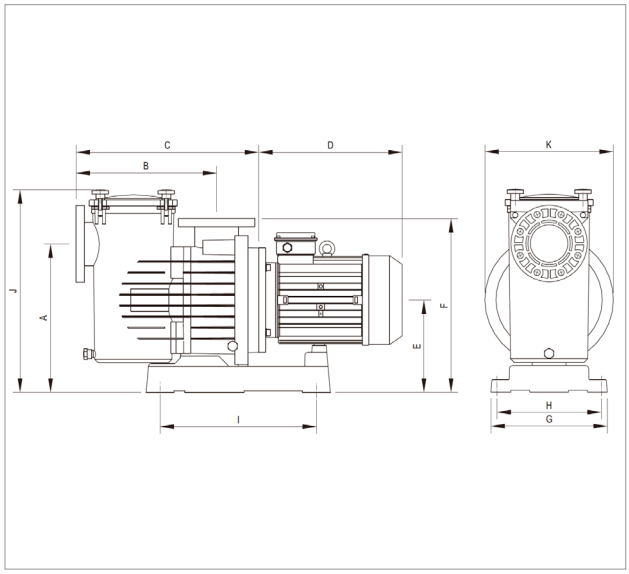
* Bronze Impeller on request for 550 Europro T, T 750 and 1000 T models.
* Bronze Impeller standard for T-1250 and 1500 Europro T models.

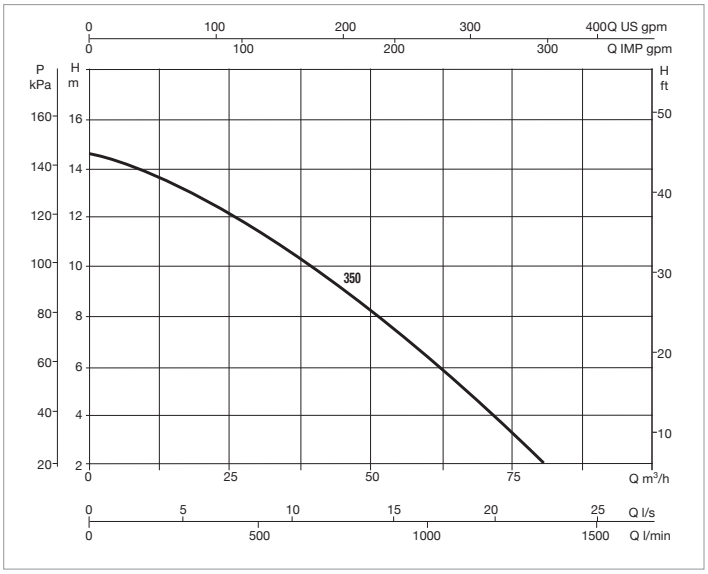
EUROPRO 350 T

MODEL	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A			N. rpm	DNA	DNM
			HP	KW	230	400	690			
EUROPRO 350 T	3 x 230-400 V	2,97	3	2,2	9,4	5,3	-	1450	110	110

Liquid temperature range: up to 40°C. Operating range: up to 190 m³/h, head up to 22 m

MODEL	A	B	C	D	E	F	G	H	I	J	K	PACKAGING DIMENSIONS			WEIGHT Kg
												L	B	H	
EUROPRO 350 T	420	405	530	310	265	495	335	300	450	590	370	840	385	595	42,5





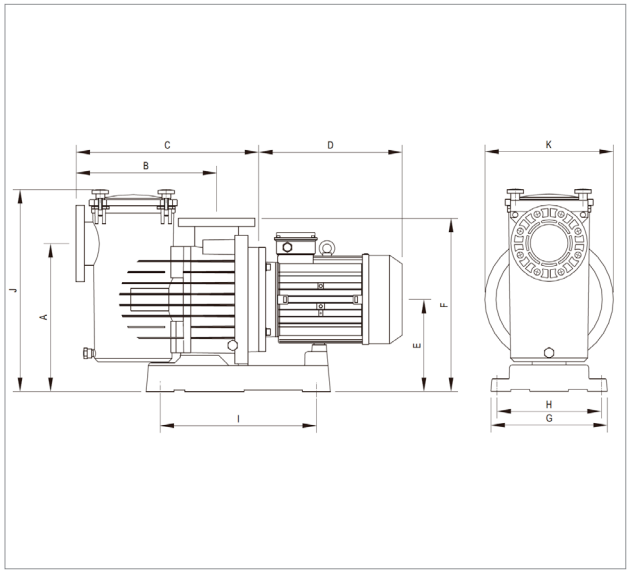
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density of 1000 kg/m³. Curve tolerance according to ISO9906.

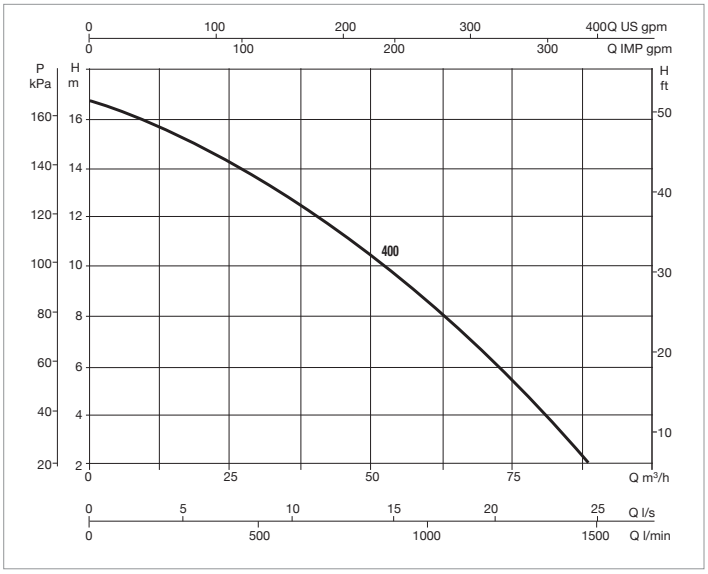
EUROPRO 400 T

MODEL	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A			N. rpm	DNA	DNM
			HP	KW	230	400	690			
EUROPRO 400 T	3 x 230-400 V	3,83	4	3	12,5	6,9	-	1450	110	110

Liquid temperature range: up to 40°C. Operating range: up to 190 m³/h, head up to 22 m

MODEL	A	B	C	D	E	F	G	H	I	J	K	PACKAGING DIMENSIONS			WEIGHT Kg
												L	B	H	
EUROPRO 400 T	420	405	530	310	265	495	335	300	450	590	370	840	385	595	44,5





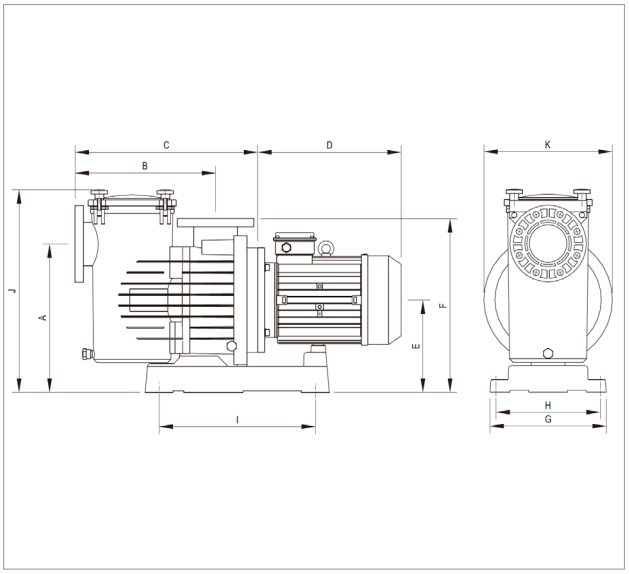
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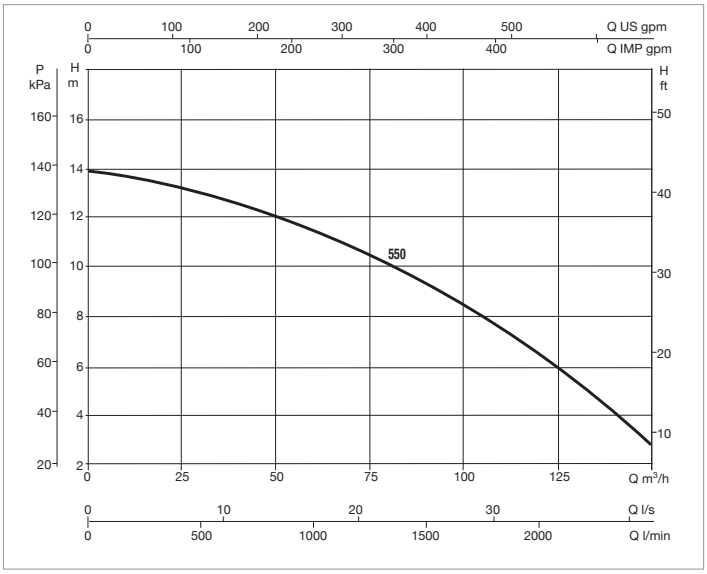
EUROPRO 550 T

MODEL	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A			N. rpm	DNA	DNM
			HP	KW	230	400	690			
EUROPRO 550 T	3 x 230-400 V	5,54	5,5	4	15,3	8,8	-	1450	110	110

Liquid temperature range: up to 40°C. Operating range: up to 190 m³/h, head up to 22 m

MODEL	A	B	C	D	E	F	G	H	I	J	K	PACKAGING DIMENSIONS			WEIGHT Kg
												L	B	H	
EUROPRO 550 T	420	405	530	335	265	495	335	300	450	590	370	1170	385	715	53,5





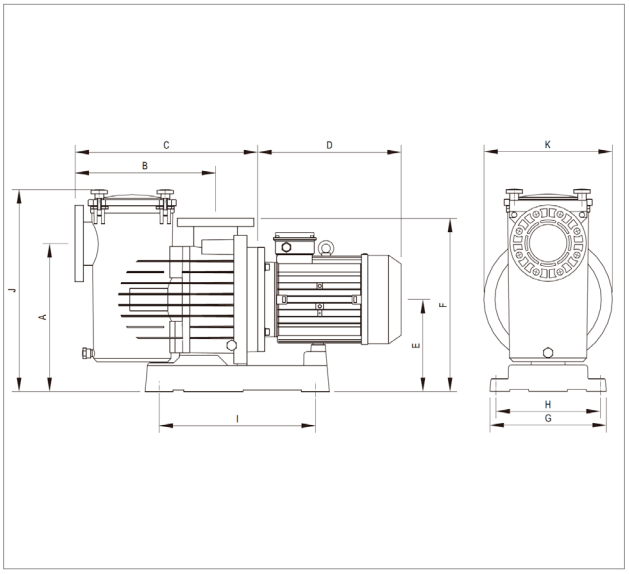
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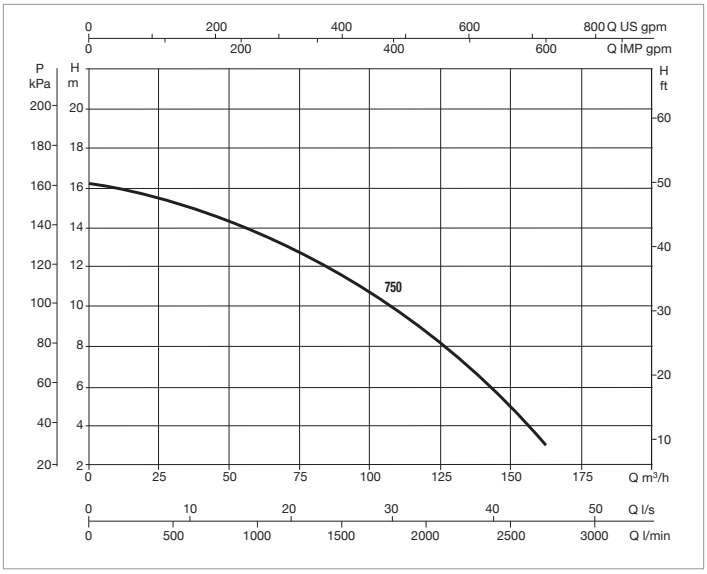
EUROPRO 750 T

MODEL	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A			N. rpm	DNA	DNM
			HP	KW	230	400	690			
EUROPRO 750 T	3 x 400-690 V	6,85	7,5	5,5	-	12	7	1450	110	110

Liquid temperature range: up to 40°C. Operating range: up to 190 m³/h, head up to 22 m

MODEL	A	B	C	D	E	F	G	H	I	J	K	PACKAGING DIMENSIONS			WEIGHT Kg
												L	B	H	
EUROPRO 750 T	420	405	508	380	265	495	335	300	450	590	370	1170	385	715	66





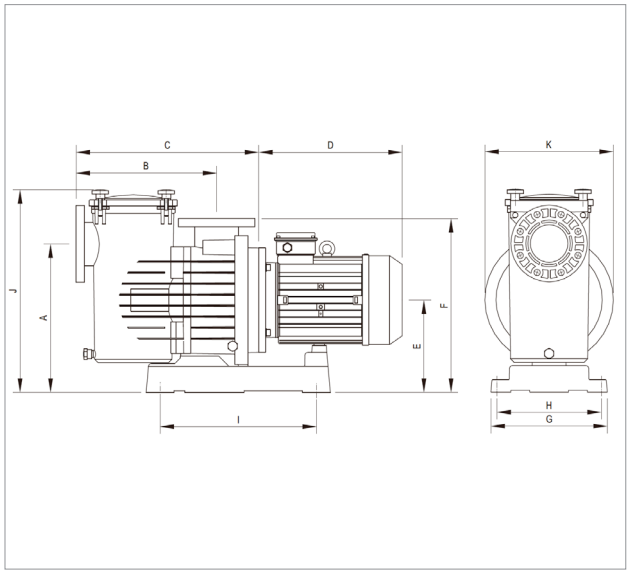
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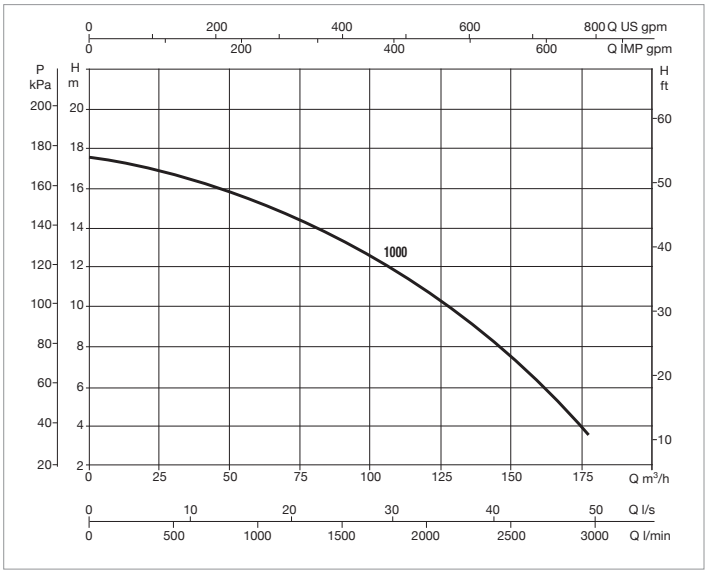
EUROPRO 1000 T

MODEL	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A			N. rpm	DNA	DNM
			HP	KW	230	400	690			
EUROPRO 1000 T	3 x 400-690 V	8,26	10	7,5	-	15,8	9,2	1450	110	110

Campo di temperatura del liquido: fino a 40°C - Campo di funzionamento: fino a 190 m³/h con prevalenza fino a 22 m

MODEL	A	B	C	D	E	F	G	H	I	J	K	PACKAGING DIMENSIONS			WEIGHT Kg
												L	B	H	
EUROPRO 1000 T	420	405	508	380	265	495	335	300	450	590	370	1170	385	715	76





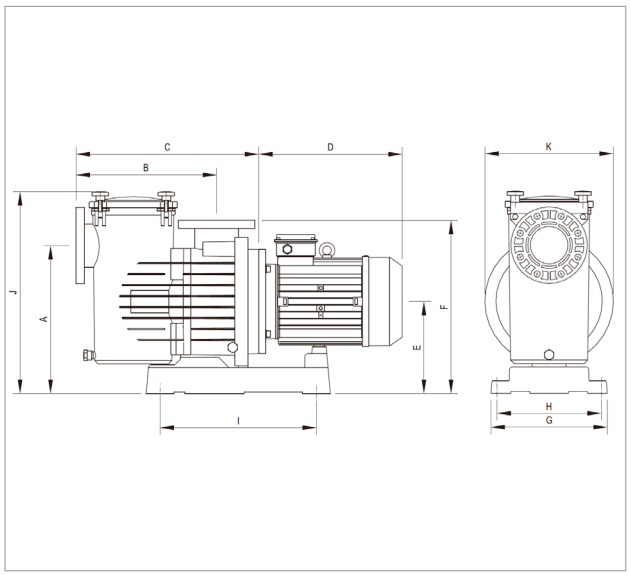
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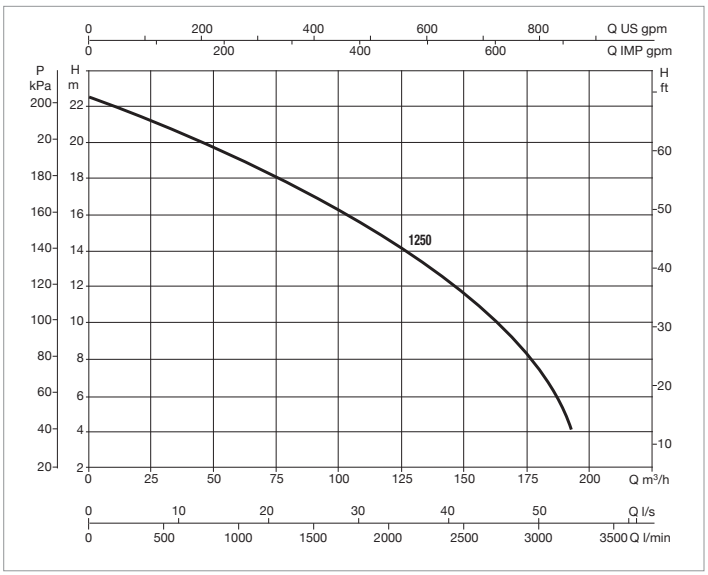
EUROPRO 1250 T

MODEL	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A			N. rpm	DNA	DNM
			HP	KW	230	400	690			
EUROPRO 1250 T	3 x 400-690 V	13,74	12,5	9,2	-	18,5	10,7	2850	110	110

Campo di temperatura del liquido: fino a 40°C - Campo di funzionamento: fino a 190 m³/h con prevalenza fino a 22 m

MODEL	A	B	C	D	E	F	G	H	I	J	K	PACKAGING DIMENSIONS			WEIGHT Kg
												L	B	H	
EUROPRO 1250 T	420	405	508	380	265	495	335	300	450	590	370	1170	385	715	84,5





Bronze impeller standard

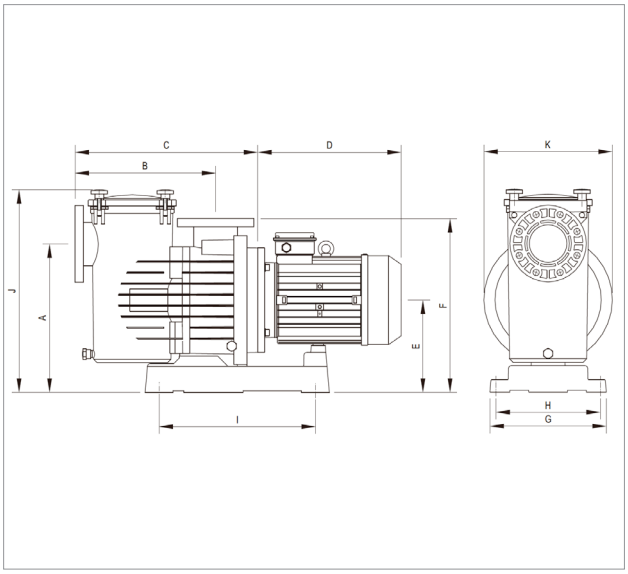
The performance curves are based on the kinematic viscosity values = 1 mm²/s and density of 1000 kg/m³. Curve tolerance according to ISO9906.

EUROPRO 1500 T

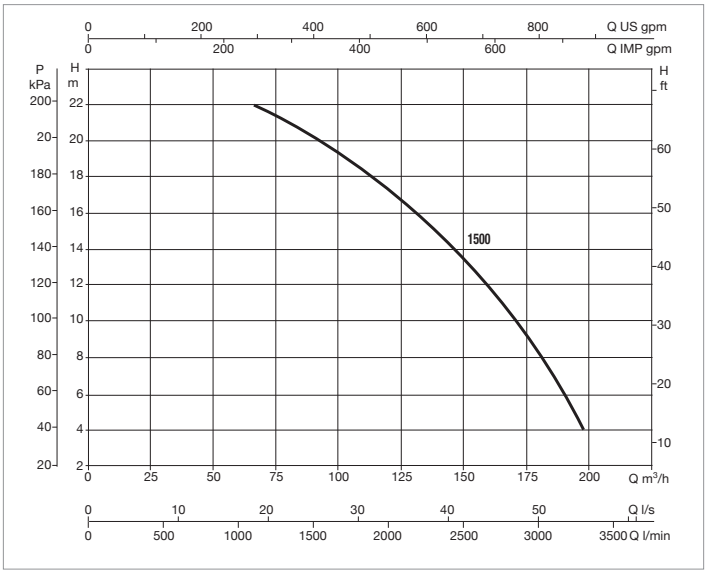
MODEL	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL		In A			N. rpm	DNA	DNM
			HP	KW	230	400	690			
EUROPRO 1500 T	3 x 400-690 V	15,73	15	11	-	20,9	12	2850	110	110

Campo di temperatura del liquido: fino a 40°C - Campo di funzionamento: fino a 190 m³/h con prevalenza fino a 22 m

MODEL	A	B	C	D	E	F	G	H	I	J	K	PACKAGING DIMENSIONS			WEIGHT Kg
												L	B	H	
EUROPRO 1500 T	420	405	508	380	265	495	335	300	450	590	370	1170	385	715	85,5



Bronze impeller standard



The performance curves are based on the kinematic viscosity values = 1 mm²/s and density of 1000 kg/m³. Curve tolerance according to ISO9906.

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