ATAC Solutions Ltd is a leading environmental engineering company based in Maidstone, United Kingdom.

ATAC Solutions is known for its state-of-the-art liquid collection fleet and its expertise in providing bespoke turnkey wastewater process solutions.

With a focus on sustainability and accreditation in ISO 9001 & ISO 14001, the company serves domestic and industrial clients across the South-East and London.

ATAC Solutions Ltd,
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Hollingbourne, Maidstone, England, ME17 1WR

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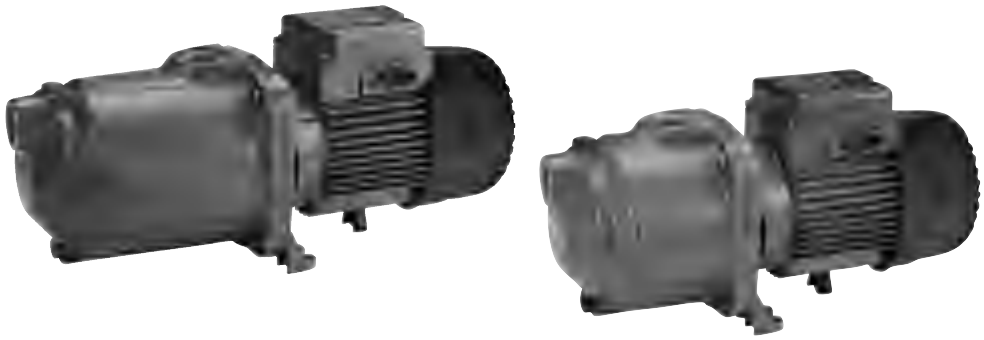
01622 882400

EURO



CE

GENERAL DATA

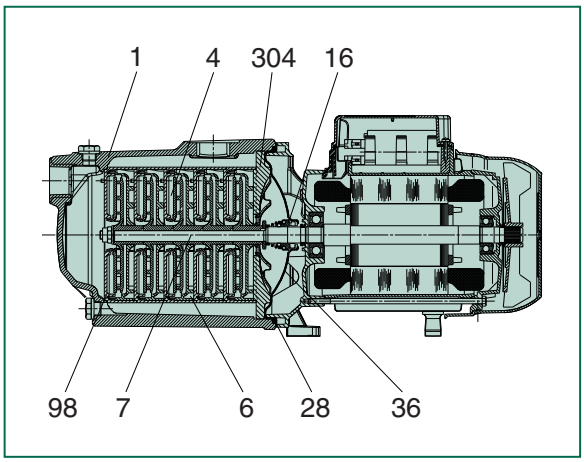
Applications
Multistage horizontal centrifugal pump, featuring extremely silent running suitable for domestic use for water supply and pressurization, irrigation of gardens and vegetable gardens, and for moving water in general.

Construction features of pump:
Pump body in 200 UNI ISO 185 cast iron. Motor support in die-cast aluminium, seal holder in AISI 304 steel. Mechanical seal in carbon/ceramic. Rotor shaft in AISI 304 steel. Impellers, diffuser bodies and diffusers in technopolymer. Wear rings in stainless steel.

Construction features of motor
Continuous service asynchronous motor.
Incorporated thermal current protection and capacitor permanently in circuit in the single-phase version.
The user must provide overload protection for the three-phase version.
Protection level of motor: IP 44
Protection level of terminal board: IP 55
Insulation class: F
Standard voltage: Single-phase 220/240V - 50 Hz - 2 poles
Three-phase 230/400V - 50 Hz - 2 poles

TECHNICAL DATA

N.	PARTS	MATERIALS
1	PUMP BODY	200 CAST IRON UNI ISO 185
4	IMPELLER	TECHNOPOLYMER
6	DIFFUSER	TECHNOPOLYMER
7	SHAFT WITH ROTOR	AISI 304 X5CRNI 1810 UNI 6900/71 STAINLESS STEEL
16	MECHANICAL SEAL	CARBON/CERAMIC
28	GASKET OR	NBR
36	SEAL HOLDER COVER	AISI 304 X5CRNI 1810 UNI 6900/71 STAINLESS STEEL
98	DIFFUSER BODY	TECHNOPOLYMER
304	REAR DISK	TECHNOPOLYMER

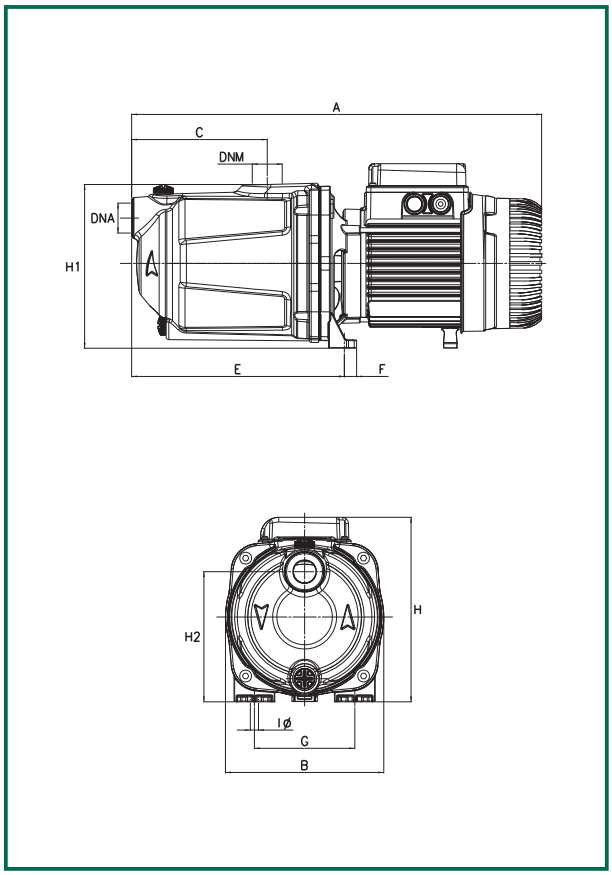


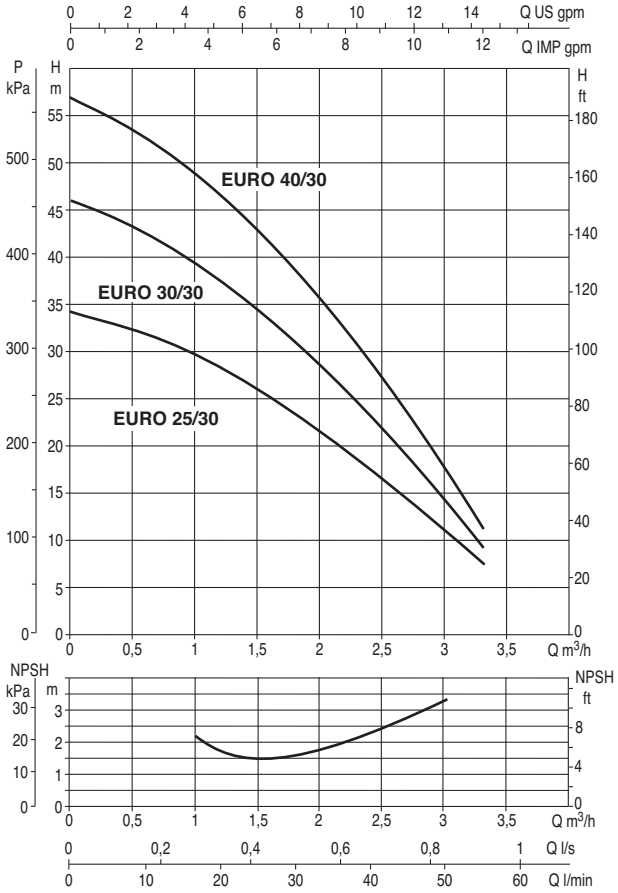
- Operating range: from 10 to 120 l/min. with a head of up to 72 m.
- Pumped liquid characteristics: clean, free from solid or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral and close to the characteristics of water.
- Liquid temperature range: from 0°C to +35°C for domestic use (EN 60335-2-41) from 0°C to +40°C for other uses.
- Maximum ambient temperature: +40°C
- Maximum operating pressure: 8 bar (800 kPa)
- Installation: fixed or portable in a horizontal position

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to1000 Kg/m³. Curve tolerance according to ISO 9906.

Liquid temperature range: from 0 °C to +35°C Maximum ambient temperature: +40°C

EURO 30





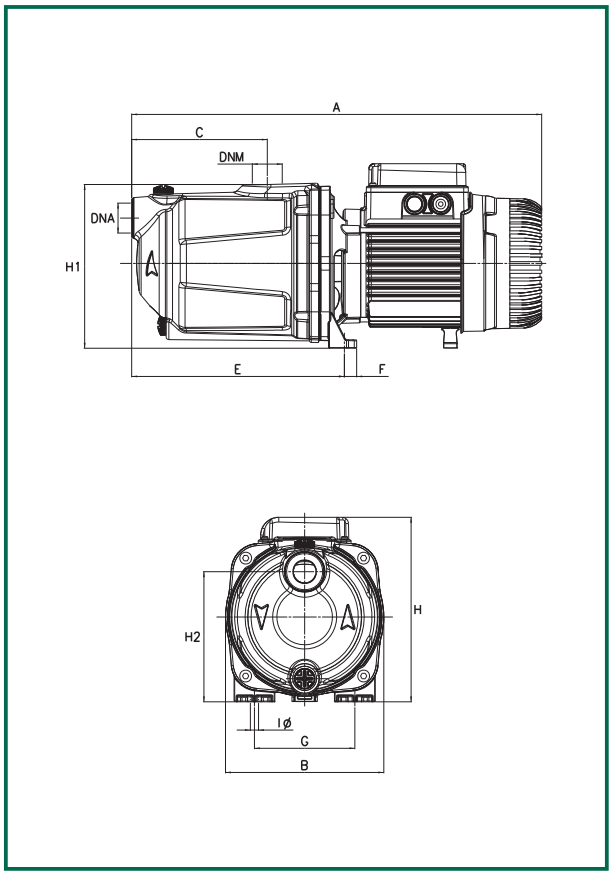
MODEL	A	B	C	E	F	G	I Ø	H	H1	H2	DNA	DNM	PACKING DIMENSIONS L/A	L/B	H	VOLUME m³	WEIGHT Kg M	T
EURO 25/30 MT	378	175	94,5	180	13,5	111	9	194	179	143,5	1" G	1" G	440	206	245	0,025	10,7	10,5
EURO 30/30 MT	433	175	149,5	235	13,5	111	9	194	179	143,5	1" G	1" G	480	212	265	0,031	12,7	12,5
EURO 40/30 MT	433	175	149,5	235	13,5	111	9	194	179	143,5	1" G	1" G	480	212	265	0,031	12,8	12,7

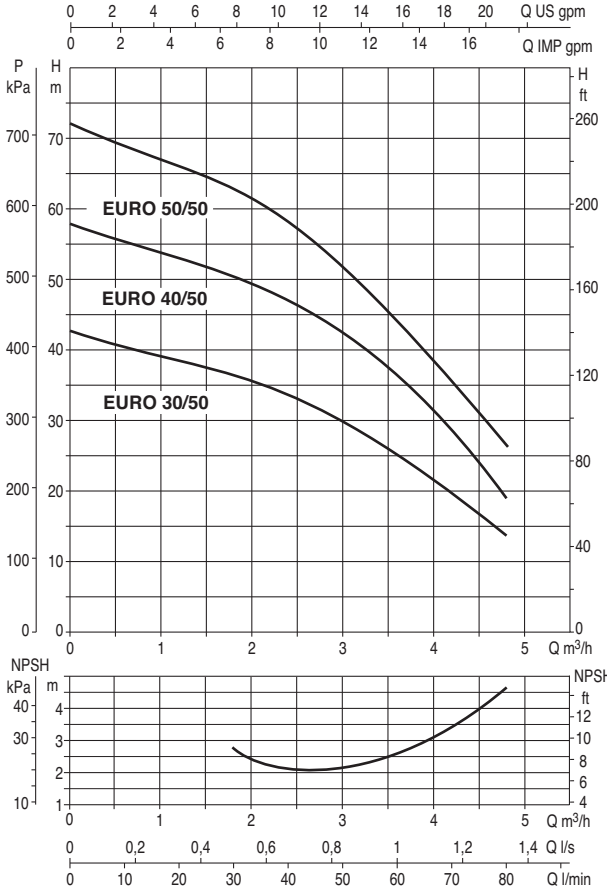
MODEL	ELECTRICAL DATA								HYDRAULIC DATA (n ≃ 2800 1/min)							
	N° IMPELLER	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	CAPACITOR µF	CAPACITOR Vc	Q m³/h	0	0,6	1,2	1,8	2,4	3	3,3
									Q l/min	0	10	20	30	40	50	55
EURO 25/30 M	3	1x220-240 V ~	0,520	0,37	0,5	2,4	10	450	H (m)	34,4	31,7	28,3	23,5	17,5	11	8
EURO 25/30 T		3x230-400 V ~	0,510	0,37	0,5	1,9-1,1	–	–								
EURO 30/30 M	4	1x220-240 V ~	0,72	0,44	0,6	4	12,5	450		46	42,2	37,8	31,2	23,3	14,3	10
EURO 30/30 T		3x230-400 V ~	0,7	0,44	0,6	2,65-1,53	–	–								
EURO 40/30 M	5	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450		57	52,7	47	38,8	29	17,7	12
EURO 40/30 T		3x230-400 V ~	0,870	0,55	0,75	2,8-1,6	–	–								

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to1000 Kg/m³. Curve tolerance according to ISO 9906.

Liquid temperature range: from 0 °C to +35°C Maximum ambient temperature: +40°C

EURO 50





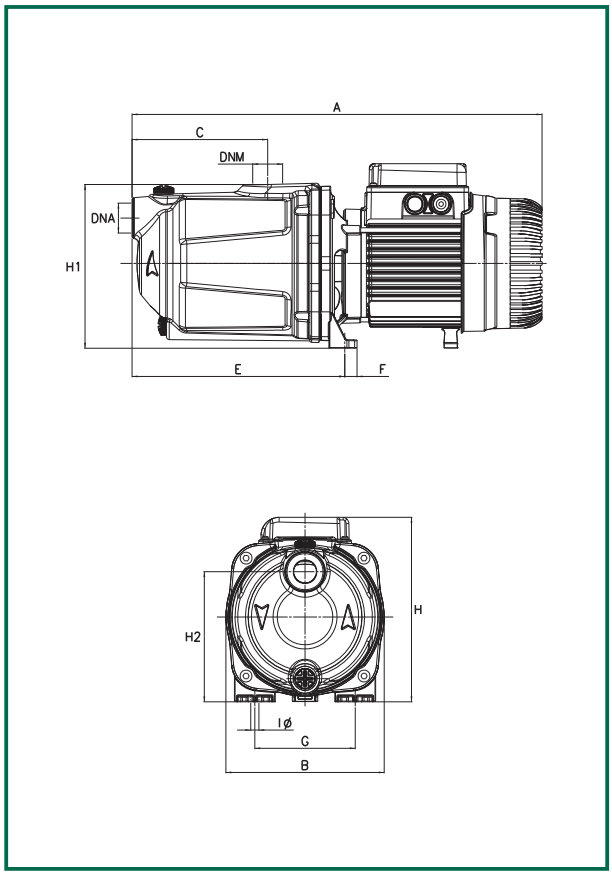
MODEL	A	B	C	E	F	G	I Ø	H	H1	H2	DNA	DNM	PACKING DIMENSIONS L/A	PACKING DIMENSIONS L/B	PACKING DIMENSIONS H	VOLUME m³	WEIGHT Kg M	WEIGHT Kg T
EURO 30/50 MT	378	175	94,5	180	13,5	111	9	194	179	143,5	1" G	1" G	440	206	245	0,025	11,5	11,3
EURO 40/50 MT	452	175	149,5	235	13,5	111	9	204	179	143,5	1" G	1" G	480	212	265	0,031	15,6	15,4
EURO 50/50 MT	452	175	149,5	235	13,5	111	9	204	179	143,5	1" G	1" G	480	212	265	0,031	16,3	15,9

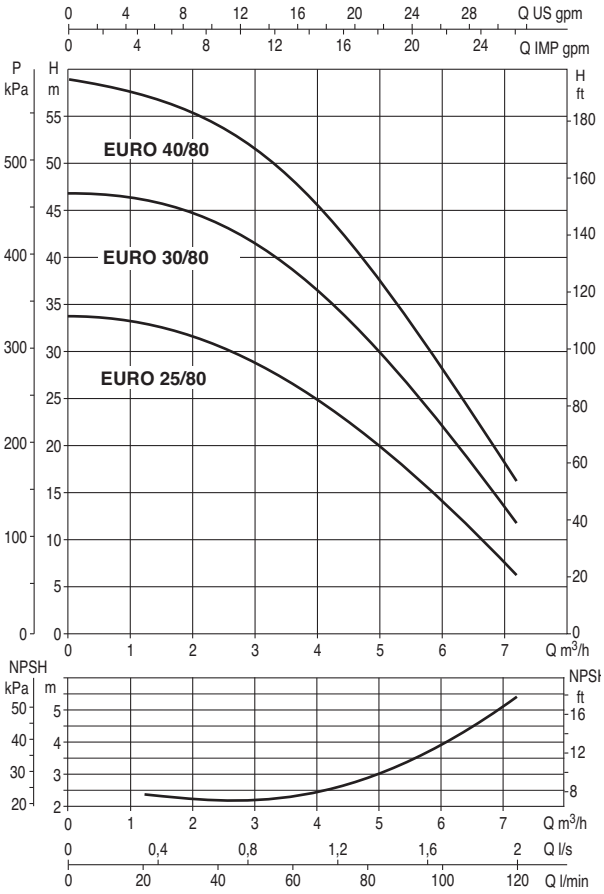
MODEL	ELECTRICAL DATA N° IMPELLER	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	CAPACITOR µF	CAPACITOR Vc	HYDRAULIC DATA (n ≃ 2800 1/min)	Q m³/h	0	0,6	1,2	1,8	2,4	3	3,3	3,6	4,2	4,8
										l/min	0	10	20	30	40	50	55	60	70	80
EURO 30/50 M	3	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450	H (m)		42,5	40,2	38,2	36,2	33,8	30	27,5	24,8	19,5	14
EURO 30/50 T		3x230-400 V ~	0,870	0,55	0,75	2,8-1,6	–	–												
EURO 40/50 M	4	1x220-240 V ~	1,200	0,75	1	5,3	25	450			57,5	55,3	52,8	50,1	47,1	42,7	39,5	35,8	28	19
EURO 40/50 T		3x230-400 V ~	1,180	0,75	1	3,8-2,2	–	–												
EURO 50/50 M	5	1x220-240 V ~	1,480	1	1,36	6,3	25	450			72	68,5	65,5	62,1	58,2	52,2	48	43,6	34,5	26
EURO 50/50 T		3x230-400 V ~	1,440	1	1,36	4,4-2,5	–	–												

The performance curves are based on the kinematic viscosity values = 1 mm²/s and density equal to1000 Kg/m³. Curve tolerance according to ISO 9906.

Liquid temperature range: from 0 °C to +35°C Maximum ambient temperature: +40°C

EURO 80





MODEL	A	B	C	E	F	G	I Ø	H	H1	H2	DNA	DNM	PACKING DIMENSIONS L/A	L/B	H	VOLUME m³	WEIGHT Kg M	T
EURO 25/80 MT	378	175	94,5	180	13,5	111	9	194	179	143,5	1" G	1" G	440	206	245	0,025	11,5	11,3
EURO 30/80 MT	452	175	149,5	235	13,5	111	9	204	179	143,5	1" G	1" G	480	212	265	0,031	15,6	15,4
EURO 40/80 MT	452	175	149,5	235	13,5	111	9	204	179	143,5	1" G	1" G	480	212	265	0,031	16,3	15,9

MODEL	ELECTRICAL DATA N° IMPELLER	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	CAPACITOR µF	CAPACITOR Vc	HYDRAULIC DATA (n ≃ 2800 1/min)														
Q m³/h										0	0,6	1,2	1,8	2,4	3	3,3	3,6	4,2	4,8	6	7,2
Q l/min										0	10	20	30	40	50	55	60	70	80	100	120
EURO 25/80 M	3	1x220-240 V ~	0,880	0,55	0,75	3,9	12,5	450	H (m)	34	33,7	33,2	32	30,5	28,7	27,5	26	23,9	21	14,5	6,3
EURO 25/80 T		3x230-400 V ~	0,870	0,55	0,75	2,8-1,6	–	–													
EURO 30/80 M	4	1x220-240 V ~	1,200	0,8	1,1	5,3	20	450		47,3	47	46,3	45,2	43,5	41	39,9	38	34,8	31	23	12
EURO 30/80 T		3x230-400 V ~	1,180	0,8	1,1	3,8-2,2	–	–													
EURO 40/80 M	5	1x220-240 V ~	1,480	1	1,36	6,3	25	450		59	58	57	56	54	51	49,5	47,5	43,8	39,5	29,5	16
EURO 40/80 T		3x230-400 V ~	1,440	1	1,36	4,4-2,5	–	–													