

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS



GENERAL DATA

Applications

Pump for circulating hot water in centralised domestic heating and air-conditioning systems of the closed and pressurised or open tank type.

Construction characteristics

Single body comprising a technopolymer hydraulic unit and a wet rotor motor.
Bronze air separator. Die-cast aluminium motor casing. Technopolymer impeller. Tempered stainless steel driving shaft mounted on graphite bearings lubricated by the pumped liquid.
Stainless steel protective rotor sleeve, stator sleeve and closing flange.
Ceramic thrust brushings, E.P.D.M. „O“ rings and brass air outlet cap.
Two-pole asynchronous motor with squirrel cage rotor designed for three-speed operation by means of a special switch on the terminal board which automatically adapts performance in relation to system requirements.

Motor self-protected for resistance. No overload protection required.

Protection level: IP 44

Insulation class: F

Cable grommet: PG 11

Installation: with horizontal motor shaft.

Working voltage: single-phase 230 V / 50 Hz

Special versions on request.: - alternative voltages
and/or frequencies

- Denomination index:
(example)

VA = circulator with threaded mouths
VB = circulator with
DN 25 oval flanges
VD = twin circulator

maximum head (dm)

centre distance (mm)

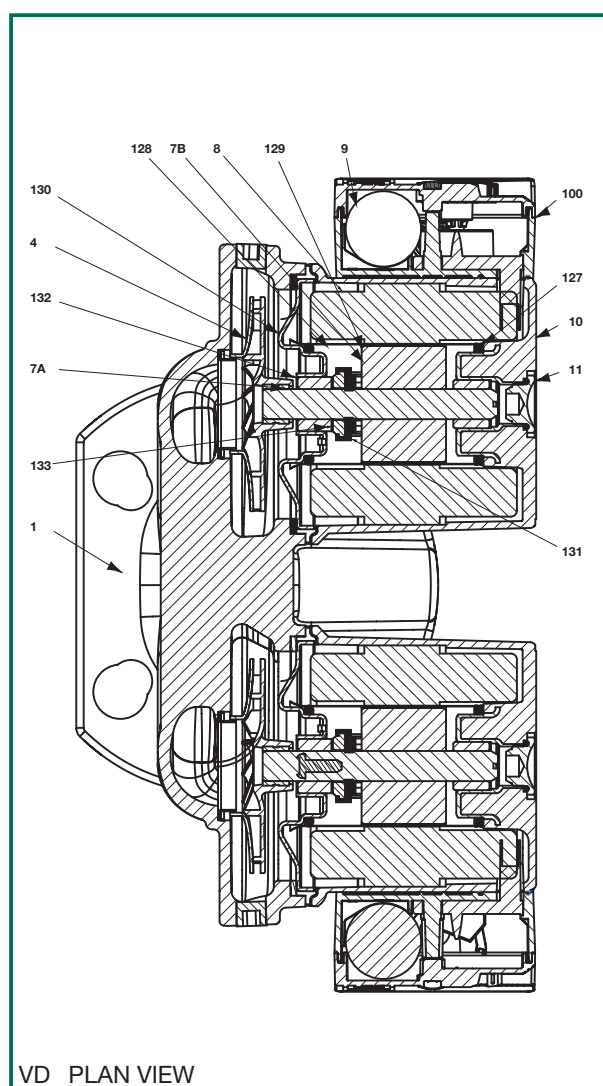
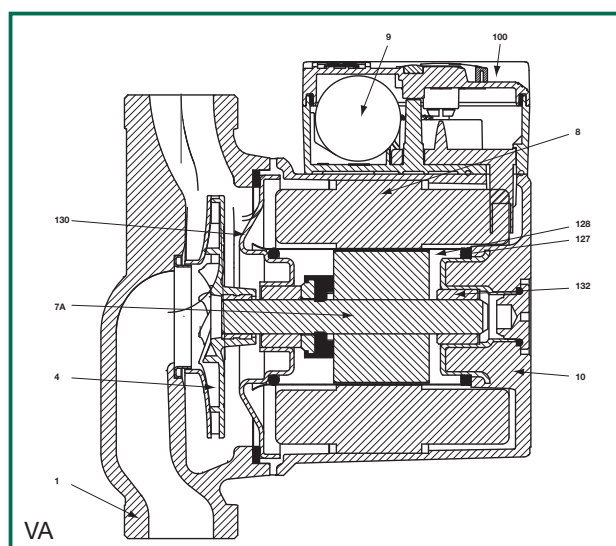
Standard (no ref.) = threaded mouths measuring 1" 1/2
1/2" = threaded mouths measuring 1"
X = threaded mouths 2"
32 = flanged mouths DN32/PN6/10

VA 55 / 180 X

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

TECHNICAL DATA

N.	PARTS	MATERIALS
1	PUMP BODY	CAST IRON
4	IMPELLER	TECHNOPOLYMER
7A	DRIVE SHAFT	STAINLESS STEEL
7B	ROTOR	—
8	STATOR	—
9	CAPACITOR	—
10	MOTOR CASING	DIE CAST ALUMINIUM
11	AIR OUTLET CAP	BRASS
100	TERMINAL BOARD BOX	—
127	O-RING	E.P.D.M
128	STATOR SLEEVE	STAINLESS STEEL
129	ROTOR SLEEVE	STAINLESS STEEL
130	CLOSING FLANGE	STAINLESS STEEL
131	THRUST BOX SUPPORT	E.P.D.M
132	BRUSHINGS	GRAPHITE
133	THRUST BOX	CERAMICS



Operating range:

VA - VB - VD: from 0,5 a 3,6 m³/h with pressure head of up to 6 m.

Liquid temperature range:

VA - VB - VD: from -10°C to +110°C

Pumped fluid:

clean, free of solid contaminants and mineral oils, non-viscous, chemically neutral, close to the properties of water (max glycol 30%).

Max. working pressure:

VA - VB - VD 10 bar (1000 kPa)

Minimum head pressure:

values are shown in the relative tables.

Installation:

with MOTOR AXIS HORIZONTAL on the delivery or return piping, with intake port as near as possible to the expansion tank, higher than the maximum level of the boiler and as far away as possible from bends, elbows and unions, in order to prevent water turbulence and consequent noisiness.

Special versions on request:

other voltages and/or frequencies.

Accessories on request:

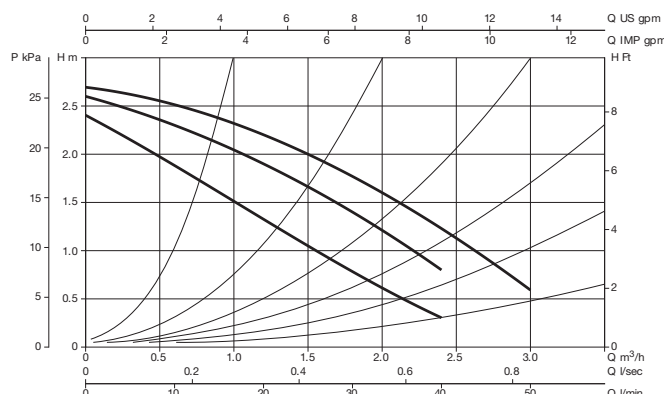
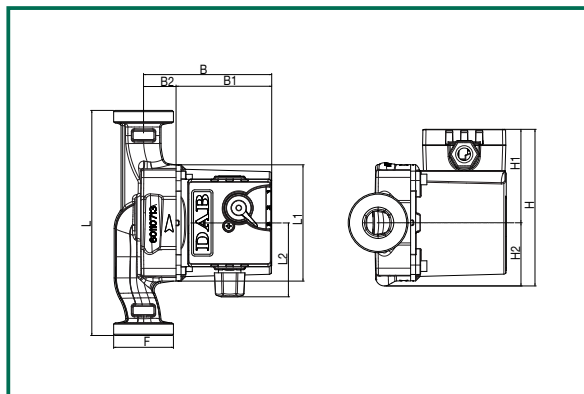
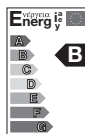
unions measuring 3/4" F - 1" F - 1 1/4" F - 1 1/4" M
oval counter flanges measuring DN20-DN25-DN32
round counter flanges measuring DN32/PN6

Performance curves are based on kinematic viscosity values equal to 1mm²/s at a density equal to 1000 kg/m³. Curve tolerance in accordance with ISO 9906.

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

Liquid temperature range: from -10°C to +110°C
Maximum operating pressure: 10 bar (1000 kPa)

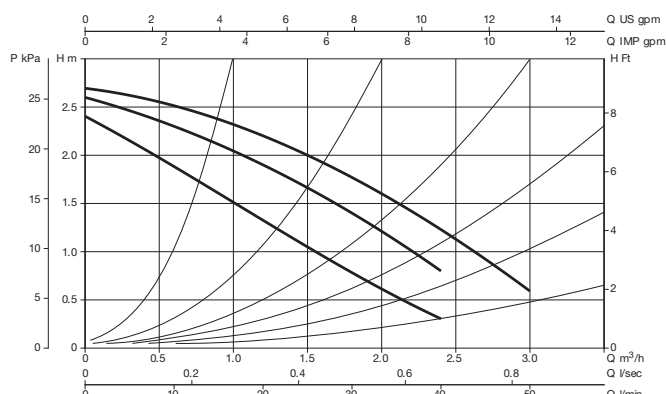
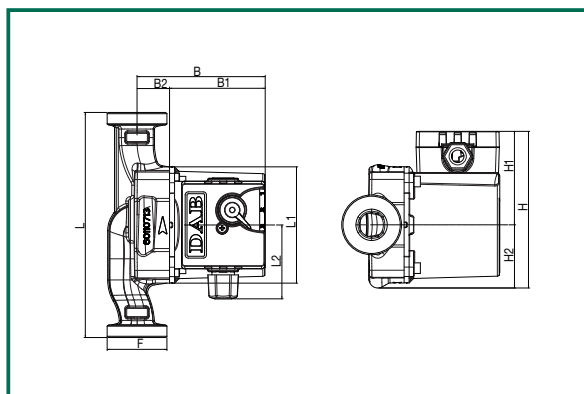
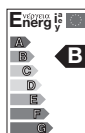
VA 25/130 SINGLE WITH UNIONS



L	L1	L2	B	B1	B2	H	H1	H2	F	PACKING DIMENSIONS			VOLUME m ³	WEIGHT Kg
130	93	59	102,5	76,5	26	125,5	75	50,5	48	L	B	H	0,0027	2,5

MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	UNIONS ON REQUEST		ELECTRICAL DATA						MINIMUM HEAD PRESSURE
			STANDARD	SPECIAL	SPEED	N r.p.m.	P1 MAX W	In A	CAPACITOR μF	Vc	
VA 25/130	1x230 V ~	130	1" F	3/4" F - 1 1/4" M	3	2655	43	0,19	1,5	450	t° +90°C m.c.a. 1,5
					2	2380	38	0,17			
					1	1680	31	0,15			

VA 25/180 SINGLE WITH UNIONS



L	L1	L2	B	B1	B2	H	H1	H2	F	PACKING DIMENSIONS			VOLUME m ³	WEIGHT Kg
180	93	59	102,5	76,5	26	125,5	75	50,5	48	L	B	H	0,0037	2,6

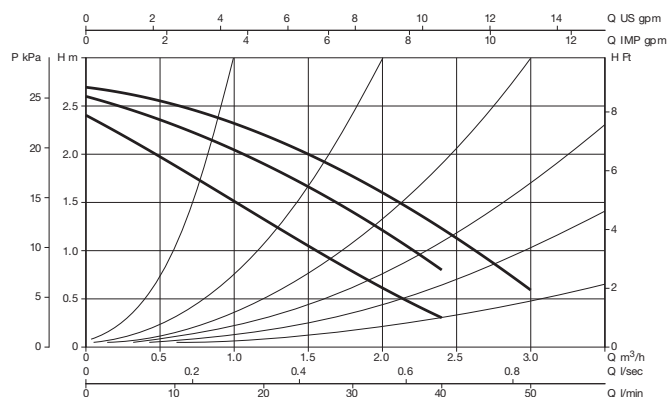
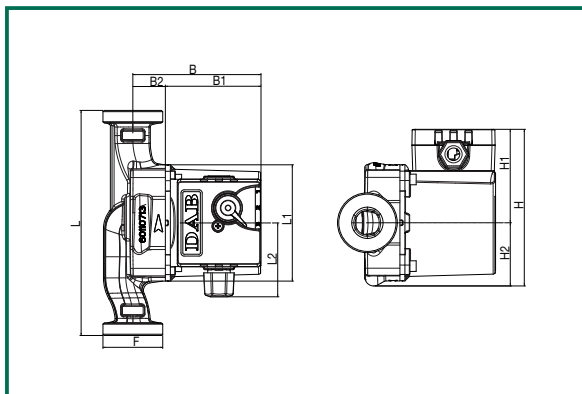
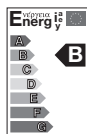
MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	UNIONS ON REQUEST		ELECTRICAL DATA						MINIMUM HEAD PRESSURE
			STANDARD	SPECIAL	SPEED	N r.p.m.	P1 MAX W	In A	CAPACITOR μF	Vc	
VA 25/180	1x230 V ~	180	1" F	3/4" F - 1 1/4" M	3	2655	43	0,19	1,5	450	t° +90°C m.c.a. 1,5
					2	2380	38	0,17			
					1	1680	31	0,15			

Performance curves are based on kinematic viscosity values equal to 1mm²/s at a density equal to 1000 kg/m³. Curve tolerance in accordance with ISO 9906.

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

Liquid temperature range: from -10°C to +110°C
Maximum operating pressure: 10 bar (1000 kPa)

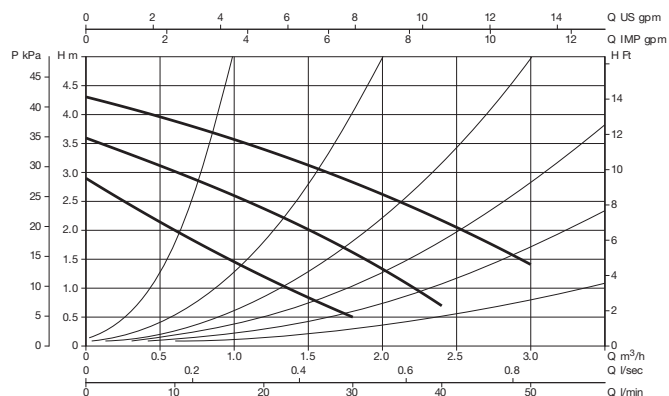
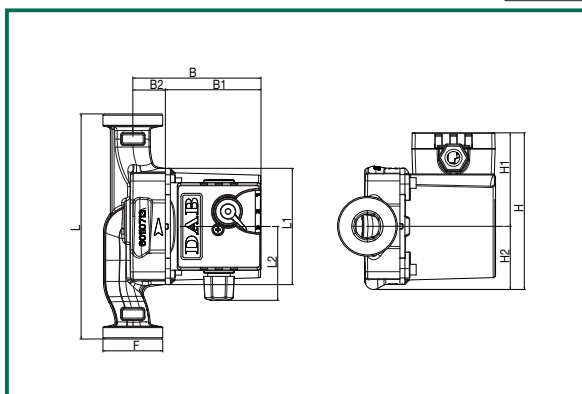
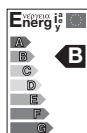
VA 25/180X SINGLE WITH UNIONS



L	L1	L2	B	B1	B2	H	H1	H2	F	PACKING DIMENSIONS			VOLUME m ³	WEIGHT Kg
180	93	59	102,5	76,5	26	125,5	75	50,5	48	L	B	H	0,0037	2,6

MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	UNIONS ON REQUEST	ELECTRICAL DATA						MINIMUM HEAD PRESSURE
				SPEED	N r.p.m.	P1 MAX W	In A	CAPACITOR µF Vc		
VA 25/180X	1x230 V ~	180	1" 1/4 F	3	2655	43	0,19	1,5	450	t° +90°C m.c.a. 1,5
				2	2380	38	0,17			
				1	1680	31	0,15			

VA 35/130 SINGLE WITH UNIONS



L	L1	L2	B	B1	B2	H	H1	H2	F	PACKING DIMENSIONS			VOLUME m ³	WEIGHT Kg
130	93	59	102,5	76,5	26	125,5	75	50,5	48	L	B	H	0,0027	2,5

MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	UNIONS ON REQUEST		ELECTRICAL DATA						MINIMUM HEAD PRESSURE
			STANDARD	SPECIAL	SPEED	N r.p.m.	P1 MAX W	In A	CAPACITOR µF Vc		
VA 35/130	1x230 V ~	130	1" F	¾" F - 1 ¼" M	3	2465	56	0,25	1,7	450	t° +90°C m.c.a. 1,5
					2	1930	50	0,22			
					1	1150	35	0,16			

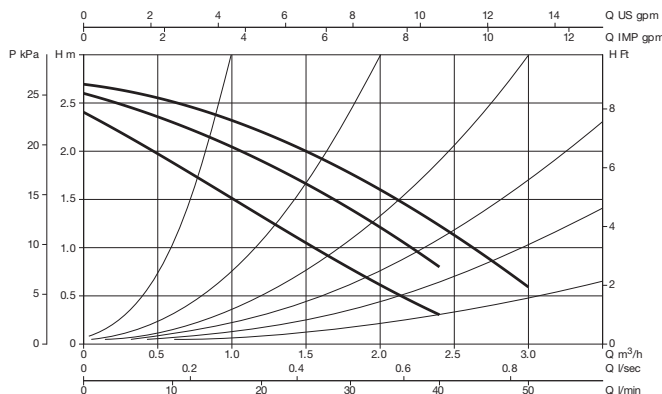
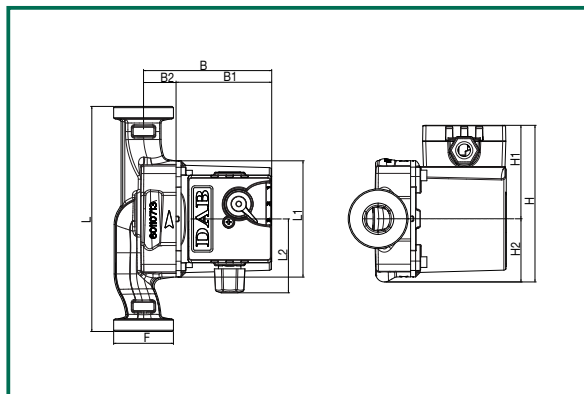
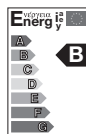
Performance curves are based on kinematic viscosity values equal to 1mm²/s at a density equal to 1000 kg/m³. Curve tolerance in accordance with ISO 9906.

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

Liquid temperature range: from -10°C to +110°C
Maximum operating pressure: 10 bar (1000 kPa)

VA 35/130 - 1/2"

SINGLE WITH UNIONS

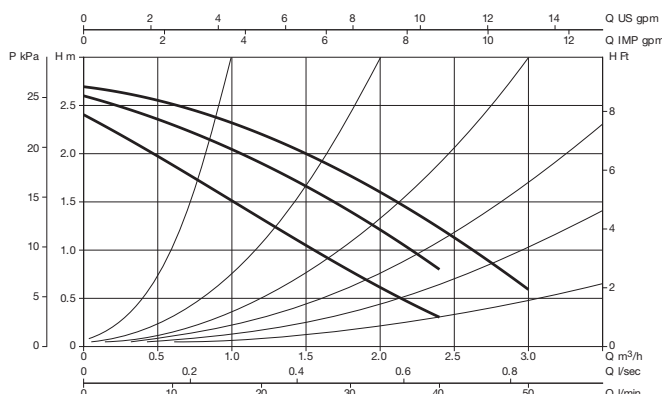
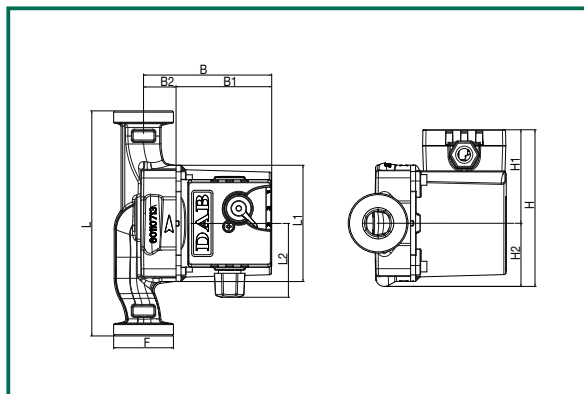
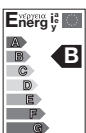


L	L1	L2	B	B1	B2	H	H1	H2	F	PACKING DIMENSIONS			VOLUME m ³	WEIGHT Kg
130	93	59	102,5	76,5	26	125,5	75	50,5	48	135	135	150	0,0027	2,5

MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	UNIONS ON REQUEST		ELECTRICAL DATA						MINIMUM HEAD PRESSURE
			STANDARD	SPECIAL	SPEED	N r.p.m.	P1 MAX W	In A	CAPACITOR µF Vc		
VA 35/130 ½"	1x230 V ~	130	—	—	3	2465	56	0,25	1,7	450	t° +90°C m.c.a. 1,5
					2	1930	50	0,22			
					1	1150	35	0,16			

VA 35/180

SINGLE WITH UNIONS



L	L1	L2	B	B1	B2	H	H1	H2	F	PACKING DIMENSIONS			VOLUME m ³	WEIGHT kg
180	93	59	102,5	76,5	26	125,5	75	50,5	48	130	190	150	0,0037	2,6

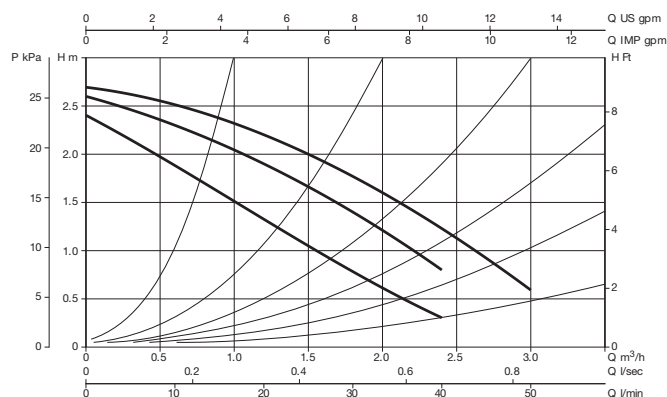
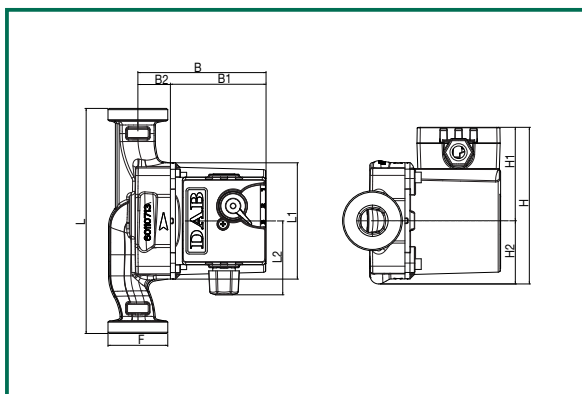
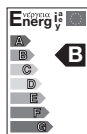
MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	UNIONS ON REQUEST		ELECTRICAL DATA						MINIMUM HEAD PRESSURE
			STANDARD	SPECIAL	SPEED	N r.p.m.	P1 MAX W	I _n A	CAPACITOR μF V _C		
VA 35/180	1x230 V ~	180	1" F	3/4" F - 1 1/4" M	3	2465	56	0,25	1,7	450	t° +90°C m.c.a. 1,5
					2	1930	50	0,22			
					1	1150	35	0,16			

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CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

Liquid temperature range: from -10°C to +110°C
Maximum operating pressure: 10 bar (1000 kPa)

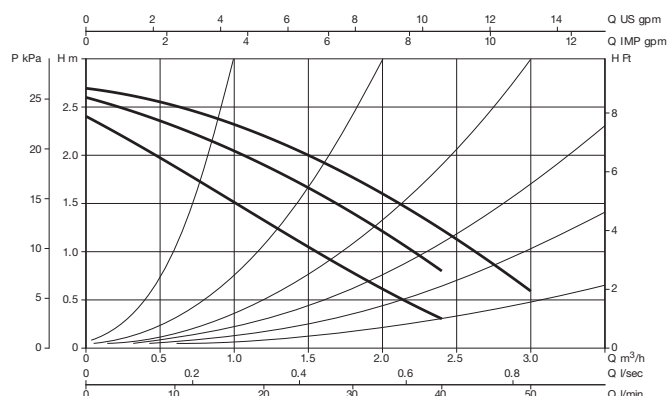
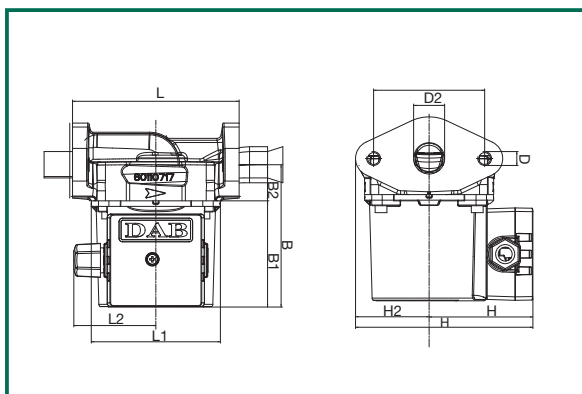
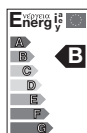
VA 35/180X SINGLE WITH UNIONS



L	L1	L2	B	B1	B2	H	H1	H2	F	PACKING DIMENSIONS			VOLUME m³	WEIGHT kg
180	93	59	102,5	76,5	26	125,5	75	50,5	48	L	B	H	0,0037	2,6

MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	UNIONS ON REQUEST	ELECTRICAL DATA						MINIMUM HEAD PRESSURE
				SPEED	N r.p.m.	P1 MAX W	In A	CAPACITOR µF Vc		
VA 35/180X	1x230 V ~	180	1 1/4" F	3	2465	56	0,25	1,7	450	t° +90°C m.c.a. 1,5
				2	1930	50	0,22			
				1	1150	35	0,16			

VB 35/120 SINGLE WITH OVAL FLANGES



L	L1	L2	B	B1	B2	H	H1	H2	D2	D1	I	PACKING DIMENSIONS			VOLUME m³	WEIGHT Kg
120	98	60	104	78	26	124	75	49	25	M10	78	135	135	150	0,0027	2,7

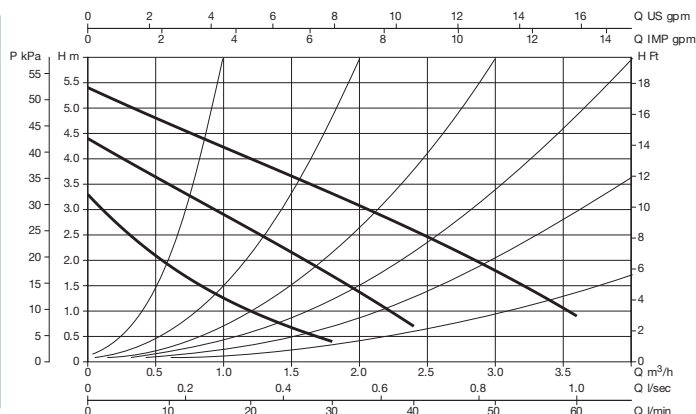
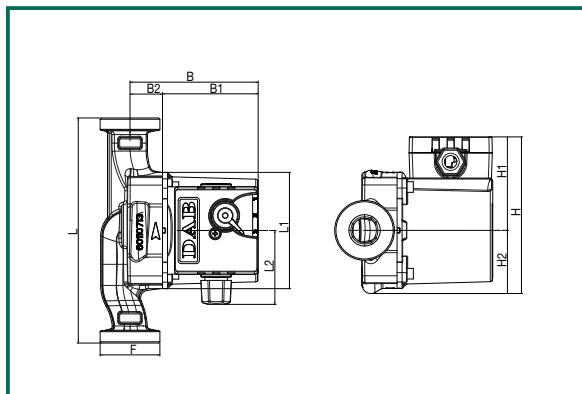
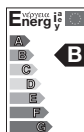
MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	OVAL FLANGES ON REQUEST		ELECTRICAL DATA						MINIMUM HEAD PRESSURE
			STANDARD	SPECIAL	SPEED	N r.p.m.	P1 MAX W	In A	CAPACITOR µF Vc		
VB 35/120	1x230 V ~	120	DN 25	DN 20 DN 32	3	2465	56	0,25	1,7	450	t° +90°C m.c.a. 1,5
					2	1930	50	0,22			
					1	1150	35	0,16			

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CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

Liquid temperature range: from -10°C to +110°C
Maximum operating pressure: 10 bar (1000 kPa)

VA 55/130 SINGLE WITH UNIONS

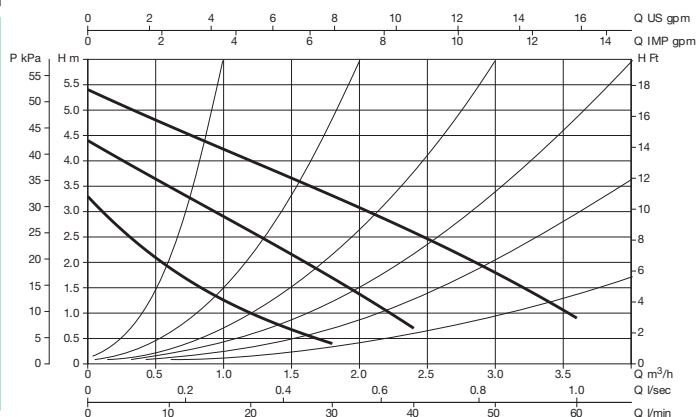
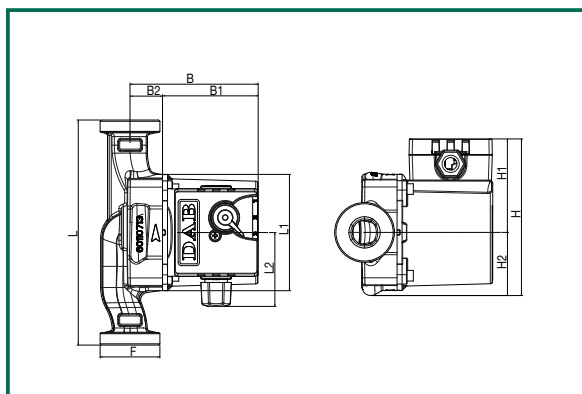
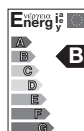


L	L1	L2	B	B1	B2	H	H1	H2	F	PACKING DIMENSIONS			VOLUME m ³	WEIGHT kg
										L	B	H		
130	93	59	102,5	76,5	26	125,5	75	50,5	48	135	135	150	0,0027	2,5

MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	UNIONS ON REQUEST		ELECTRICAL DATA						MINIMUM HEAD PRESSURE
			STANDARD	SPECIAL	SPEED	N r.p.m.	P1 MAX W	I _n A	CAPACITOR μF	V _c	
VA 55/130	1x230 V ~	130	1" F	3/4" F - 1 1/4" M	3	2400	70	0,3	1,7	450	t° +90°C m.c.a. 1,5
					2	1600	58	0,26			
					1	930	36	0,17			

VA 55/130 - 1/2"

SINGLE WITH UNIONS



L	L1	L2	B	B1	B2	H	H1	H2	F	PACKING DIMENSIONS			VOLUME m ³	WEIGHT kg
										L	B	H		
130	93	59	102,5	76,5	26	125,5	75	50,5	48	135	135	150	0,0027	2,5

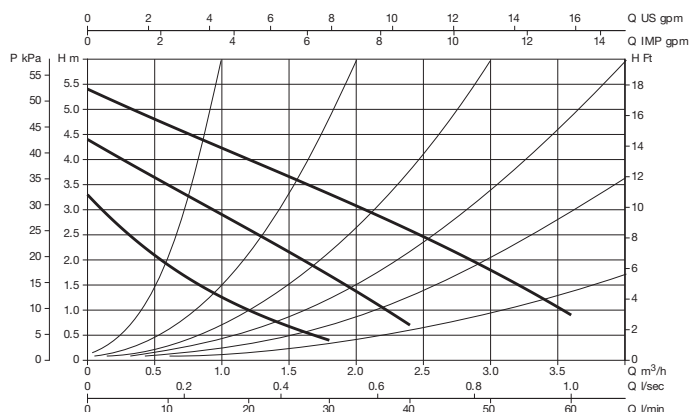
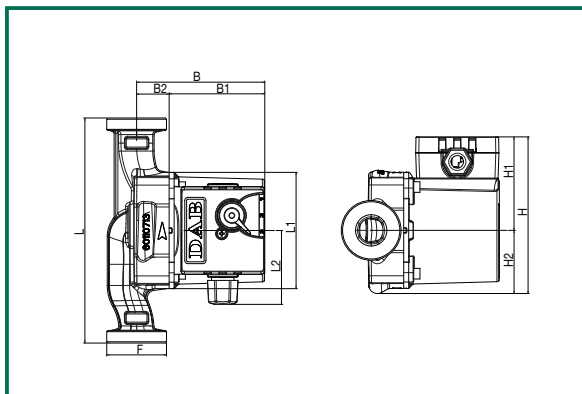
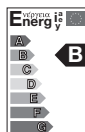
MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	UNIONS ON REQUEST		ELECTRICAL DATA						MINIMUM HEAD PRESSURE
			STANDARD	SPECIAL	SPEED	N r.p.m.	P1 MAX W	I _n A	CAPACITOR μF	V _c	
VA 55/130 1/2"	1x230 V ~	130	-	-	3	2400	70	0,3	1,7	450	t° +90°C m.c.a. 1,5
					2	1600	58	0,26			
					1	930	36	0,17			

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CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

Liquid temperature range: from -10°C to +110°C
Maximum operating pressure: 10 bar (1000 kPa)

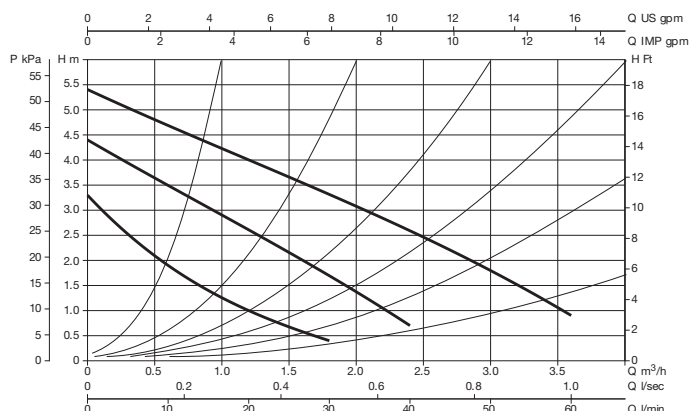
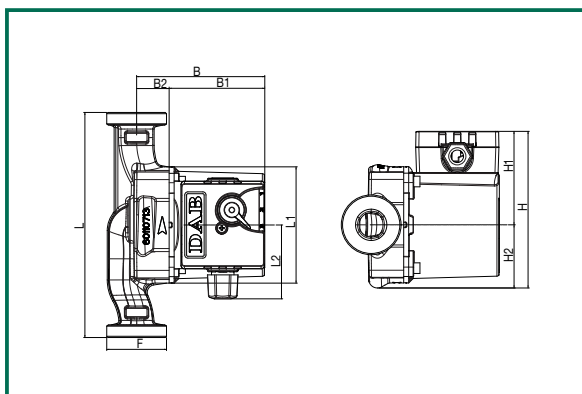
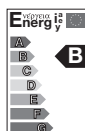
VA 55/180 SINGLE WITH UNIONS



L	L1	L2	B	B1	B2	H	H1	H2	F	PACKING DIMENSIONS			VOLUME m³	WEIGHT kg
										L	B	H		
180	93	59	102,5	76,5	26	125,5	75	50,5	48	130	190	150	0,0037	2,6

MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	UNIONS ON REQUEST		ELECTRICAL DATA						MINIMUM HEAD PRESSURE
			STANDARD	SPECIAL	SPEED	N r.p.m.	P1 MAX W	In A	CAPACITOR µF	Vc	
VA 55/180	1x230 V ~	180	1" F	¾" F - 1 ¼" M	3	2400	70	0,3	1,7	450	t° +90°C m.c.a. 1,5
					2	1600	58	0,26			
					1	930	36	0,17			

VA 55/180X SINGLE WITH UNIONS



L	L1	L2	B	B1	B2	H	H1	H2	F	PACKING DIMENSIONS			VOLUME m³	WEIGHT kg
L										L	B	H		
180	93	59	102,5	76,5	26	125,5	75	50,5	48	130	190	150	0,0037	2,6

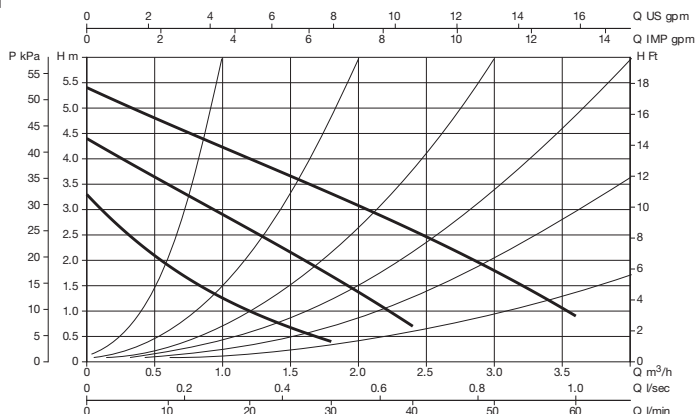
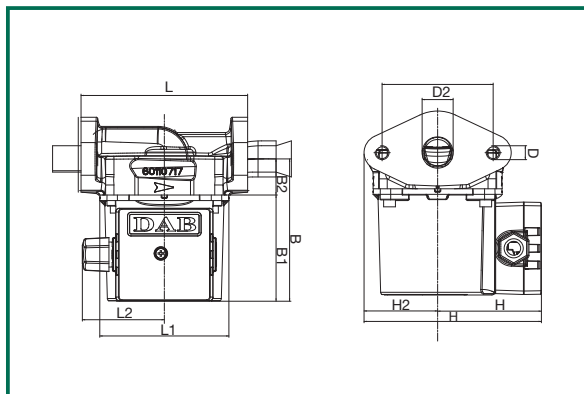
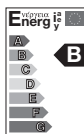
MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	UNIONS ON REQUEST	ELECTRICAL DATA						MINIMUM HEAD PRESSURE
				SPEED	N r.p.m.	P1 MAX W	In A	CAPACITOR µF Vc		
VA 55/180X	1x230 V ~	180	1¼"F	3	2400	70	0,3	1,7	450	t° +90°C m.c.a. 1,5
				2	1600	58	0,26			
				1	930	36	0,17			

Performance curves are based on kinematic viscosity values equal to 1mm²/s at a density equal to 1000 kg/m³. Curve tolerance in accordance with ISO 9906.

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

Liquid temperature range: from -10°C to +110°C
Maximum operating pressure: 10 bar (1000 kPa)

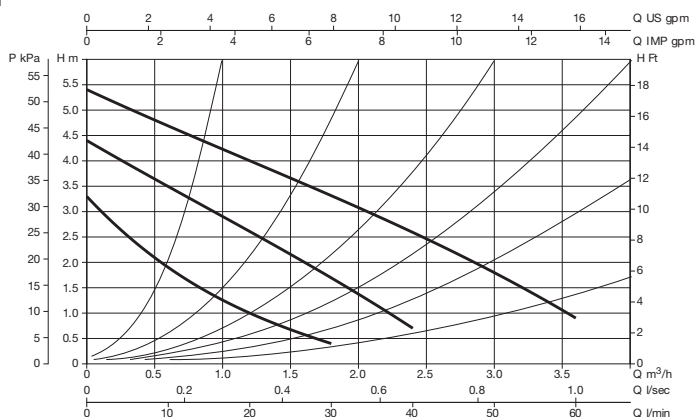
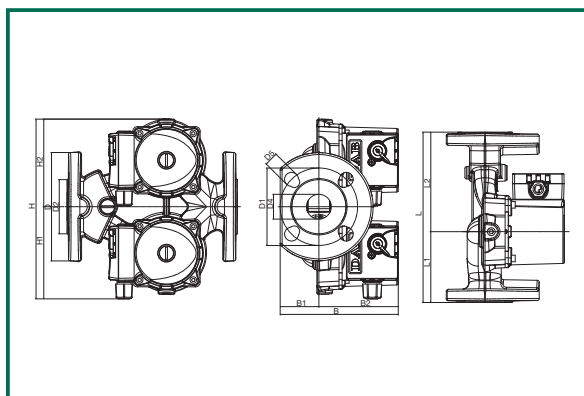
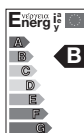
VB 55/120 SINGLE WITH OVAL FLANGES



L	L1	L2	B	B1	B2	H	H1	H2	D2	D1	I	PACKING DIMENSIONS			VOLUME	WEIGHT
												L	B	H	m ³	Kg
120	98	60	104	78	26	124	75	49	25	M10	80	135	135	150	0,0027	2,7

MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	OVAL FLANGES ON REQUEST		ELECTRICAL DATA						MINIMUM HEAD PRESSURE
			STANDARD	SPECIAL	SPEED	N r.p.m.	P1 MAX W	In A	CAPACITOR μF	Vc	
VB 55/120	1x230 V ~	120	DN 25	DN 20 DN 32	3	2400	70	0,3	1,7	450	t° +90°C m.c.a. 1,5
					2	1600	58	0,26			
					1	930	36	0,17			

VD 55/220.32 TWIN FLANGED



L	L1	L2	B	B1	B2	D	D1 PN6/PN10	D2	D4	D5 PN6/PN10	H	H1	H2	PACKING DIMENSIONS			VOLUME	WEIGHT
														B	L	H	m ³	Kg
220	91,5	128,5	150	50	100	140	90	100	70	32	14	18	230	160	253	238	0,0096	8,2

MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	FLANGES ON REQUEST	ELECTRICAL DATA*						MINIMUM HEAD PRESSURE
				SPEED	N r.p.m.	P1 MAX W	In A	CAPACITOR μF	Vc	
VD 55/220.32	1x230 V ~	220	DN 32 / PN 6 / PN 10	3	2400	70	0,3	1,7	450	t° +90°C m.c.a. 1,5
				2	1600	58	0,26			
				1	930	36	0,17			

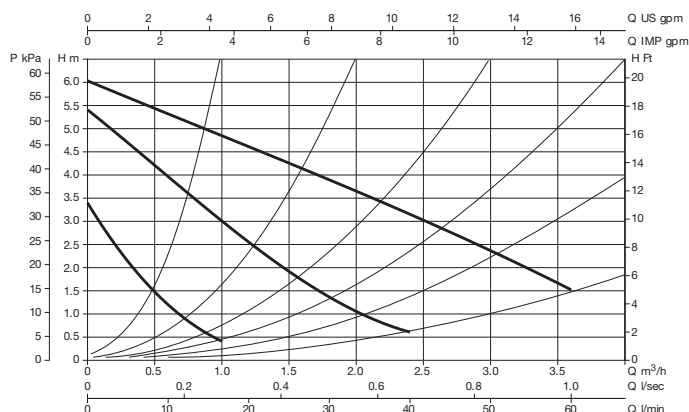
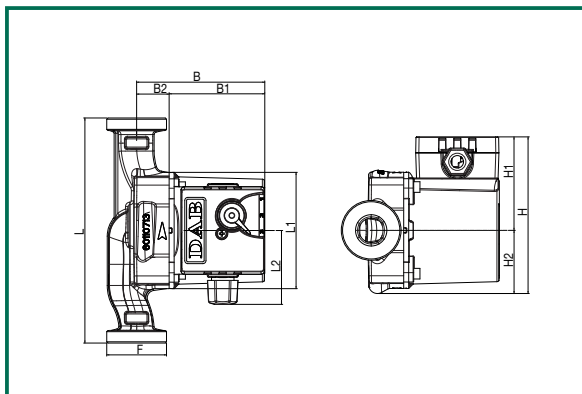
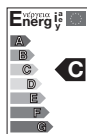
* Electrical data are related to only one motor in operation.

Performance curves are based on kinematic viscosity values equal to 1mm²/s at a density equal to 1000 kg/m³. Curve tolerance in accordance with ISO 9906.

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

Liquid temperature range: from -10°C to +110°C
Maximum operating pressure: 10 bar (1000 kPa)

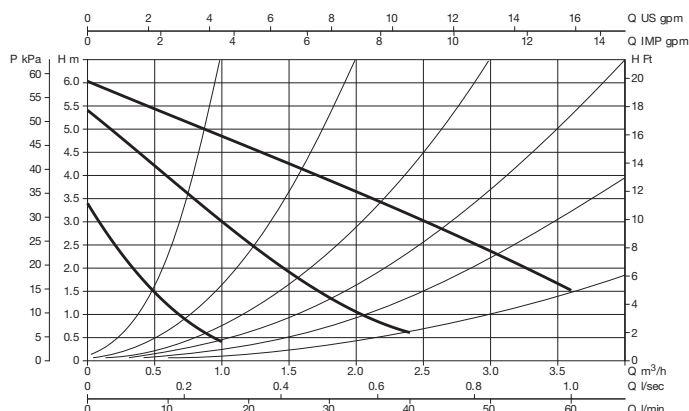
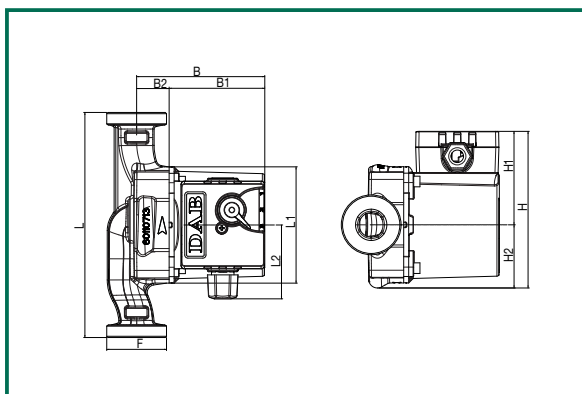
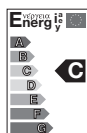
VA 65/130 SINGLE WITH UNIONS



L	L1	L2	B	B1	B2	H	H1	H2	F	PACKING DIMENSIONS			VOLUME m ³	WEIGHT kg
130	93	59	102,5	76,5	26	125,5	75	50,5	48	L	B	H	0,0027	2,5

MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	UNIONS ON REQUEST		ELECTRICAL DATA						MINIMUM HEAD PRESSURE
			STANDARD	SPECIAL	SPEED	N r.p.m.	P1 MAX W	In A	CAPACITOR μF	Vc	
VA 65/130	1x230 V ~	130	1" F	3/4" F - 1 1/4" M	3	2310	78	0,34	2	450	t° +90°C m.c.a. 2,5
					2	1532	59	0,26			
					1	880	37	0,17			

VA 65/130 1/2" SINGLE WITH UNIONS



L	L1	L2	B	B1	B2	H	H1	H2	F	PACKING DIMENSIONS			VOLUME m ³	WEIGHT kg
130	93	59	102,5	76,5	26	125,5	75	50,5	48	L	B	H	0,0027	2,5

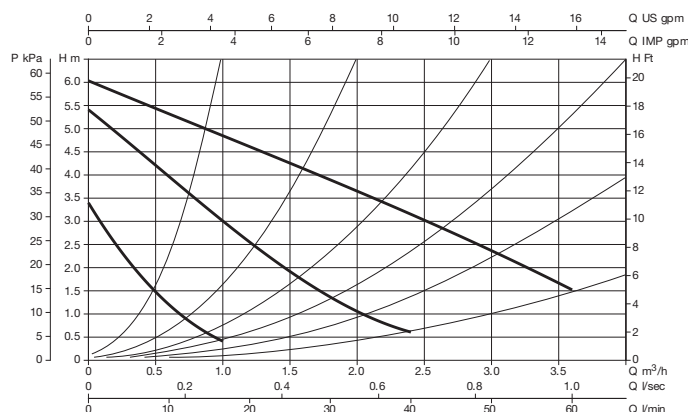
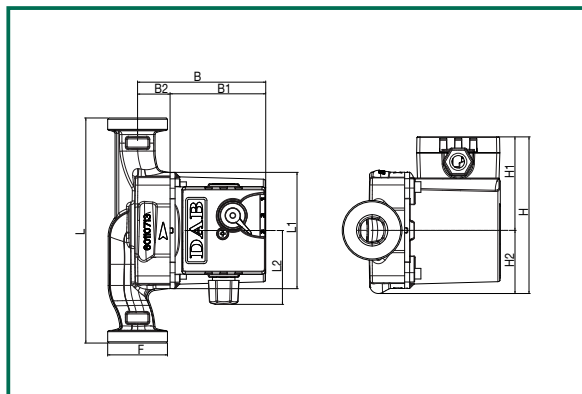
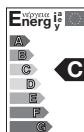
MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	UNIONS ON REQUEST		ELECTRICAL DATA						MINIMUM HEAD PRESSURE
			STANDARD	SPECIAL	SPEED	N r.p.m.	P1 MAX W	In A	CAPACITOR μF	Vc	
VA 65/130 1/2"	1x230 V ~	130	-	-	3	2310	78	0,34	2	450	t° +90°C m.c.a. 2,5
					2	1532	59	0,26			
					1	880	37	0,17			

Performance curves are based on kinematic viscosity values equal to 1mm²/s at a density equal to 1000 kg/m³. Curve tolerance in accordance with ISO 9906.

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

Liquid temperature range: from -10°C to +110°C
Maximum operating pressure: 10 bar (1000 kPa)

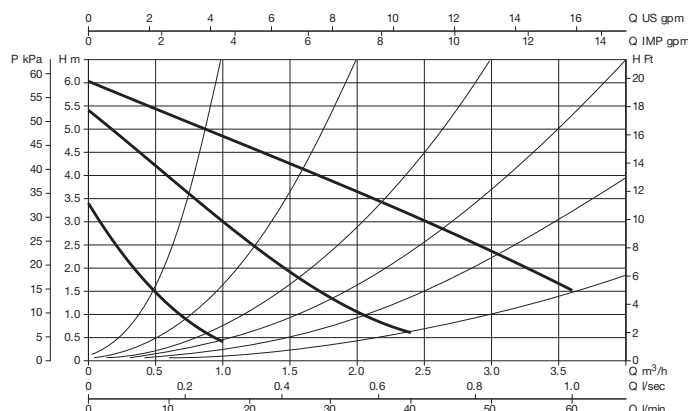
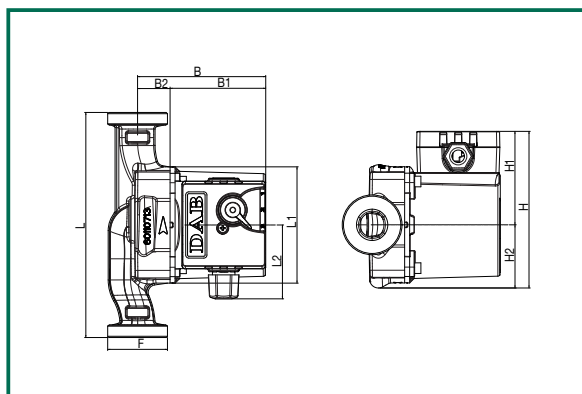
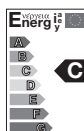
VA 65/180 SINGLE WITH UNIONS



L	L1	L2	B	B1	B2	H	H1	H2	F	PACKING DIMENSIONS			VOLUME m ³	WEIGHT kg
180	93	59	102,5	76,5	26	125,5	75	50,5	48	L	B	H	0,0037	2,6

MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	UNIONS ON REQUEST		ELECTRICAL DATA						MINIMUM HEAD PRESSURE
			STANDARD	SPECIAL	SPEED	N r.p.m.	P1 MAX W	In A	CAPACITOR μF	Vc	
VA 65/180	1x230 V ~	180	1" F	3/4" F - 1 1/4" M	3	2310	78	0,34	2	450	t° +90°C m.c.a. 2,5
					2	1532	59	0,26			
					1	880	37	0,17			

VA 65/180X SINGLE WITH UNIONS



L	L1	L2	B	B1	B2	H	H1	H2	F	PACKING DIMENSIONS			VOLUME m ³	WEIGHT kg
180	93	59	102,5	76,5	26	125,5	75	50,5	48	L	B	H	0,0037	2,6

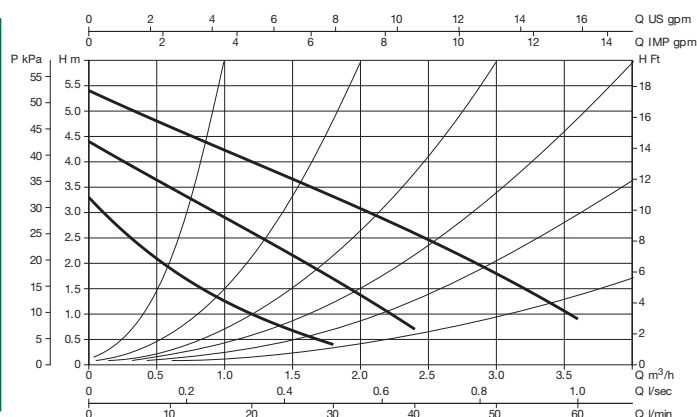
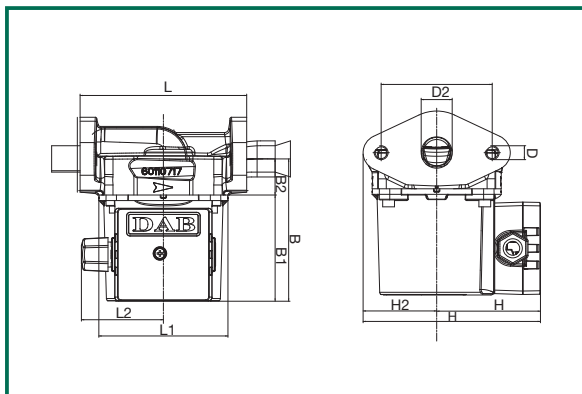
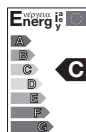
MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	UNIONS ON REQUEST	ELECTRICAL DATA						MINIMUM HEAD PRESSURE
				SPEED	N r.p.m.	P1 MAX W	In A	CAPACITOR μF	Vc	
VA 65/180X	1x230 V ~	180	1 1/4" F	3	2310	78	0,34	2	450	t° +90°C m.c.a. 2,5
				2	1532	59	0,26			
				1	880	37	0,17			

Performance curves are based on kinematic viscosity values equal to 1mm²/s at a density equal to 1000 kg/m³. Curve tolerance in accordance with ISO 9906.

CIRCULATORS FOR HEATING AND AIR-CONDITIONING SYSTEMS

Liquid temperature range: from -10°C to +110°C
Maximum operating pressure: 10 bar (1000 kPa)

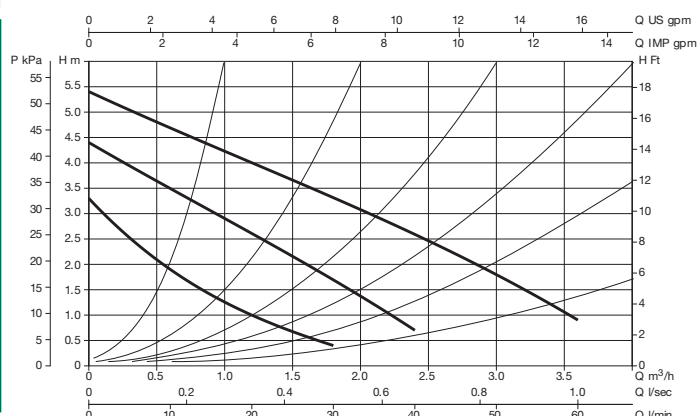
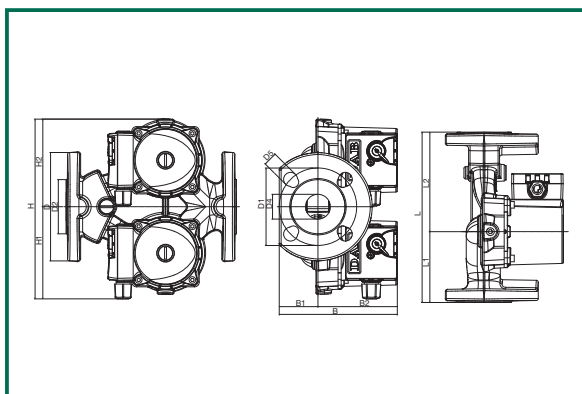
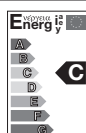
VB 65/120 SINGLE WITH OVAL FLANGES



L	L1	L2	B	B1	B2	D2	D1	I	H	H1	H2	PACKING DIMENSIONS			VOLUME	WEIGHT
												L	B	H	m ³	Kg
120	98	60	104	78	26	26	M10	80	124	75	49	135	135	150	0,0027	2,7

MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	OVAL FLANGES ON REQUEST		ELECTRICAL DATA						MINIMUM HEAD PRESSURE
			STANDARD	SPECIAL	SPEED	N r.p.m.	P1 MAX W	In A	CAPACITOR μF	Vc	
VB 65/120	1x230 V ~	120	DN 25	DN 20 DN 32	3	2310	78	0,34	2	450	t° +90°C m.c.a. 2,5
					2	1532	59	0,26			
					1	880	37	0,17			

VD 65/220.32 TWIN FLANGED



L	L1	L2	B	B1	B2	D	D1 PN6/PN10	D2	D4	D5 PN6/PN10	H	H1	H2	PACKING DIMENSIONS			VOLUME	WEIGHT
														B	L	H	m ³	Kg
220	91,5	128,5	150	50	100	140	90 100	70	31	14 18	230	115	115	160	253	238	0,0096	8,2

MODEL	VOLTAGE 50 Hz	CENTRE DISTANCE mm	FLANGES ON REQUEST	ELECTRICAL DATA*						MINIMUM HEAD PRESSURE
				SPEED	N r.p.m.	P1 MAX W	In A	CAPACITOR μF	Vc	
VD 65/220.32	1x230 V ~	220	DN 32 / PN 6 / PN 10	3	2310	78	0,34	2	450	t° +90°C m.c.a. 2,5
				2	1532	59	0,26			
				1	880	37	0,17			

* Electrical data are related to only one motor in operation.