



EVOPUS electronic circulators can be used in heating, ventilation and air conditioning systems for residential and commercial buildings. In all correctly sized installations, the electronically controlled wet rotor pumps constantly ensure sufficient power and, simultaneously, lower noise emissions, greater comfort and a significant reduction in running costs. All models fitted with flanged pump body are available in both single and twin versions. The user interface is easy to use and easy to understand.

HEATING, AIR CONDITIONING

Circulator protection rate: IP 44.

Insulation class: F.

Standard voltage: single-phase 220/240V, 50/60Hz.

In accordance with European standards:

EN 61800-3 - EN 60335-1 - EN 60335-2-51.

Operating range: from 2 to 75.6 m³/h with head up to 18 meters.

Liquid Temperature range: from -10 °C to 110 °C.

Pumped liquid: clean, free from solids and mineral oils, not viscous, chemically neutral, close to the properties of water (max. glycol contents 30%).

Maximum working pressure: 16 bar (1600 kPa).

Standard flanging:

DN 32, DN 40, DN 50, DN 65, PN 6 / PN 10 / PN 16 (4 slots), DN 80 e DN 100, PN 6 (4 slots) usable with flange 4 holes PN10.

Special version on demand:

DN 80 , DN 100 PN 10 / PN 16 (8 holes)

Installation: with horizontal motor shaft.

ACCESSORIES

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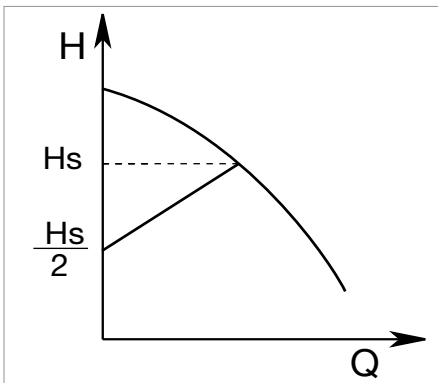
OPERATING MODES

All functions listed below can be consulted by all users (irrespective of the level of expertise) simply by scrolling through the menu. Calibration and parameter editing are protected and reserved for expert users. The EVOPUS range is factory-set to the control mode with differential pressure proportional to the curve that guarantees the best energy efficiency index (EEI).

1 - ΔP -v proportional differential pressure control mode

Control mode ΔP -v provides linear variation of the head delivery value from Hsetp to Hsetp/2 in accordance with changes in flow rate.

This control mode is particularly useful in the following types of installations:



a. two-pipe central heating systems with thermostatic valves and with:

- head of more than 4 metres;
- very long circuit piping;
- valves with broad operating range;
- differential pressure regulators;
- high pressure drops in sections of the system carrying the entirety of the water flow rate;
- low differential temperature.

b. Under-floor central heating systems and systems with thermostatic valves and significant pressure drops in the boiler circuit.

c. Installations having primary circuit pumps with high pressure drops.

Examples of set-point input with ΔP -v

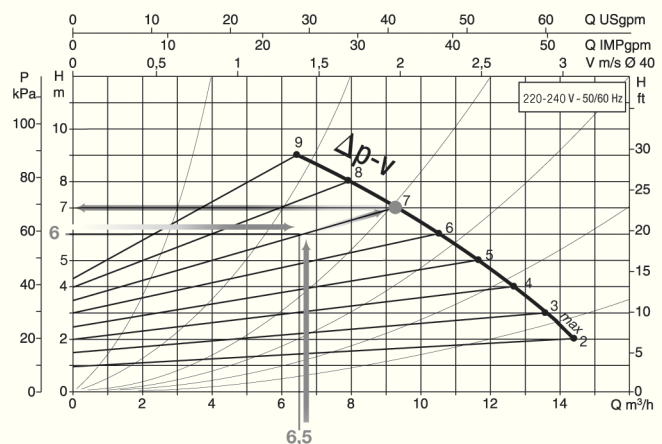
The following operating point is required:

$$Q = 6,5 \text{ m}^3/\text{h}$$

$$H = 6 \text{ m}$$

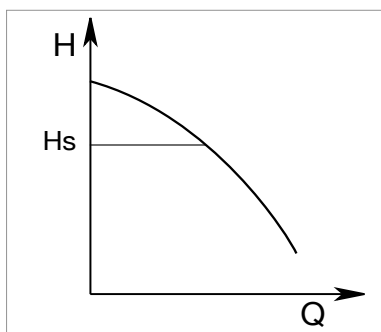
PROCEDURE:

1. In the graph, find the required operating point and then find the nearest curve to it (in this case the point lies precisely on the curve)
2. Follow the curve until intersecting the circulator limit curve.
3. The head reading found at this limit point will be the set-point head to be entered to obtain the required operating point.



2 - ΔP -c constant differential pressure control mode

Control mode ΔP -c keeps system differential pressure constant at the user-settable value of H_{setp} despite changes in flow rate.



This control mode is particularly useful in the following types of installations:

a. two-pipe central heating systems with thermostatic valves and with:

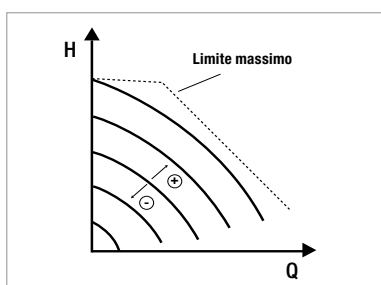
- head of less than 2 metres;
- natural circulation;
- low pressure drops in sections of the system carrying the entirety of the water flow rate;
- high differential temperature (central heating).

b. Under-floor central heating systems with thermostatic valves

c. Single-pipe central heating systems with thermostatic valves and calibration valves

d. Installations having primary circuit pumps with low pressure drops.

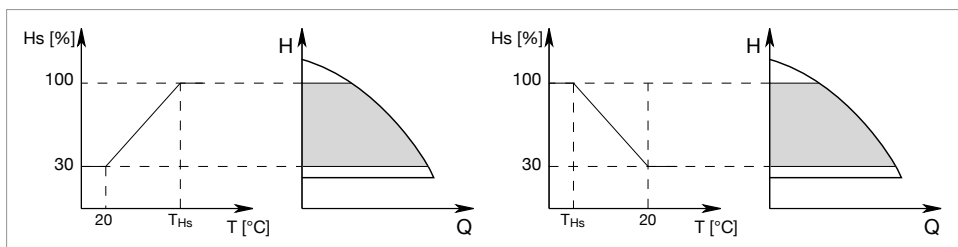
3 - Constant curve control mode



This control setting shows the curve of the circulator at constant speed. The operation curve is selected by setting the rotation speed on a percentage factor. Reaching 100% indicates the curve maximum. The speed of rotation may depend on power restriction and difference in pressure subject to model of circulator. The rotation speed can be set from the display or from an external signal 0-10V or PWM using the multifunction module.

The control setting is ideal for heating and air conditioning applications that require constant flow.

4 - Constant and proportional differential pressure control mode depending on water temperature.



The circulator head set-point is reduced in accordance with the water temperature.

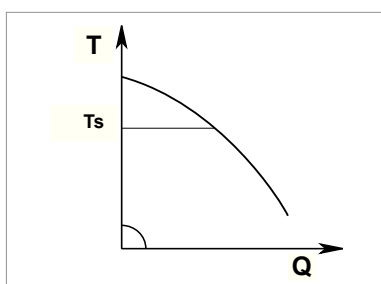
Liquid temperature can be set from 0°C to 100°C.

This control mode is particularly useful in the following types of installations:

- a. - in variable flow rate installations (two-pipe central heating systems), in which a further reduction of circulator performance is provided in accordance with lowering of the circulating liquid temperature, in the presence of reduced heating demand.
- b. - in constant flow rate installations (single-pipe and under-floor central heating systems), where the performance of the circulator can be adjusted only by activating the temperature influence function.

This function is set on VOPLUS control panel.

5 - ΔT -c constant differential temperature control mode *



ΔT -c control mode keeps the differential temperature of the pumped liquid constant, changing the flow rate to the user-settable value T_{setp} .

This control mode is particularly useful in the following types of installations:

- Under-floor central heating systems
- Installations having circuit pumps with heat exchanger
- Solar energy systems with storage tanks
- Swimming pool heating systems with solar panels

* Operation mode in development progress

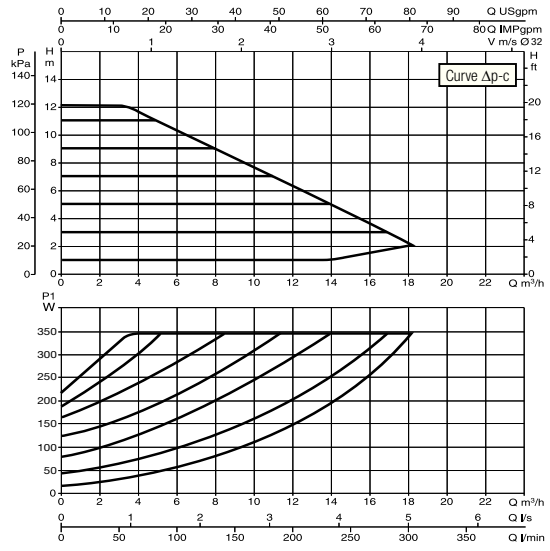
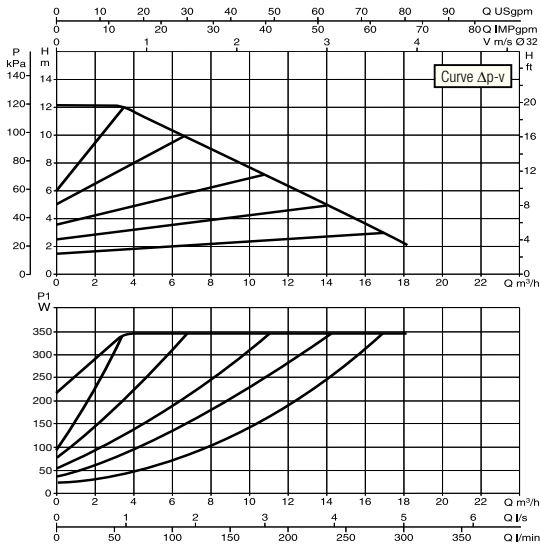
ECONOMY FUNCTION

The economy function can be set directly on the control panel, by setting a reduction value (f.rid) the maximum value of which is 50%. In all settings listed above the Hset value must be replaced with a $Hset \times f.rid$ value.

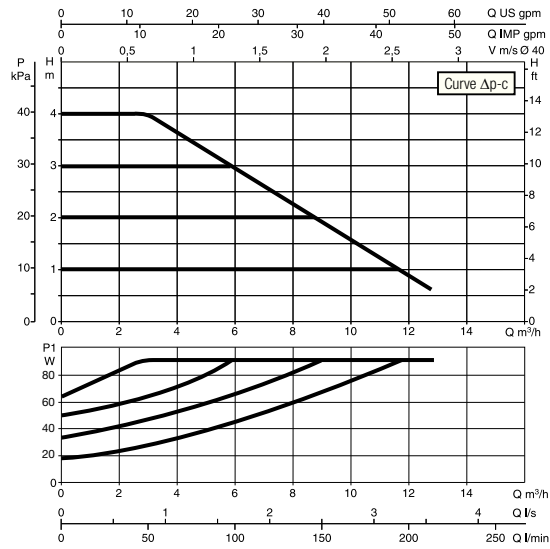
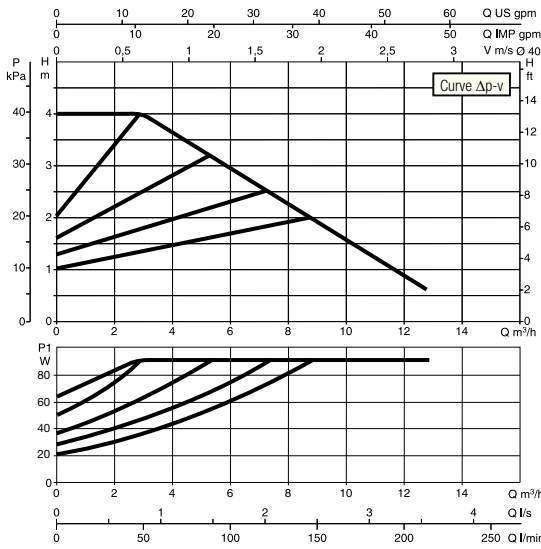
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WET ROTOR ELECTRONIC CIRCULATORS

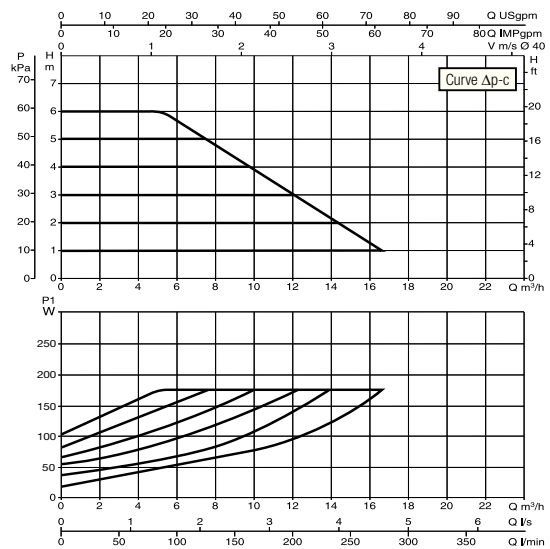
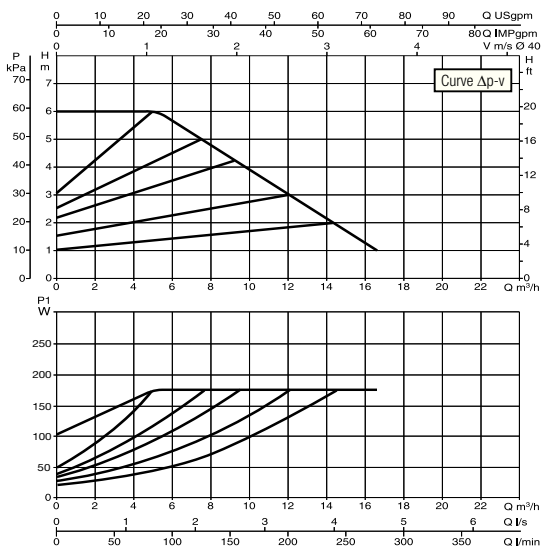
EVOPLUS B 120/220.32 M



EVOPLUS B 40/220.40 M



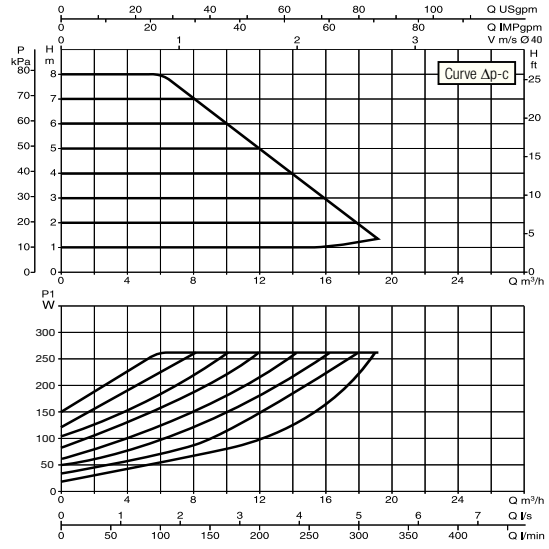
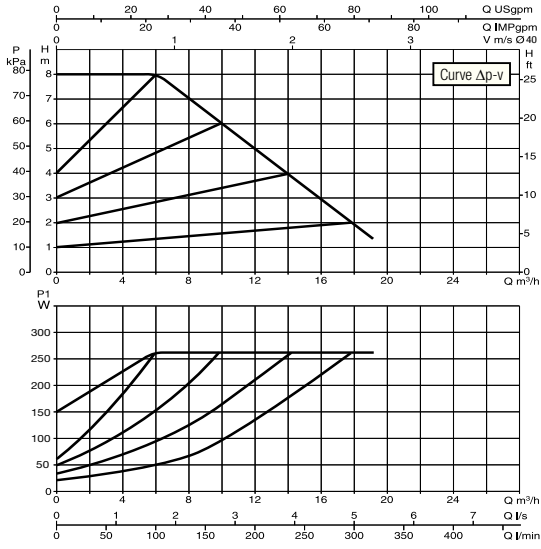
EVOPLUS B 60/220.40 M



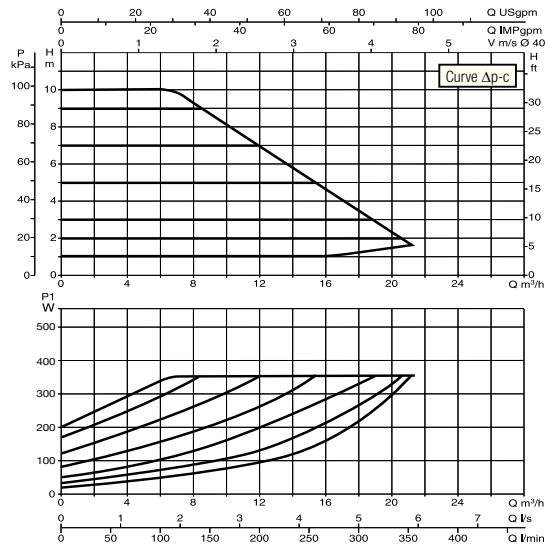
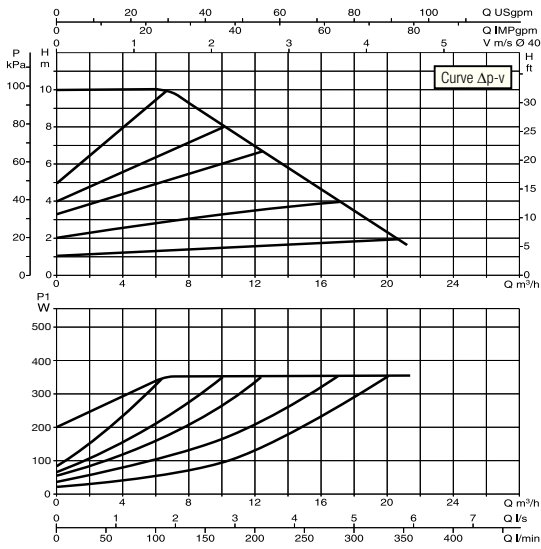
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WET ROTOR ELECTRONIC CIRCULATORS

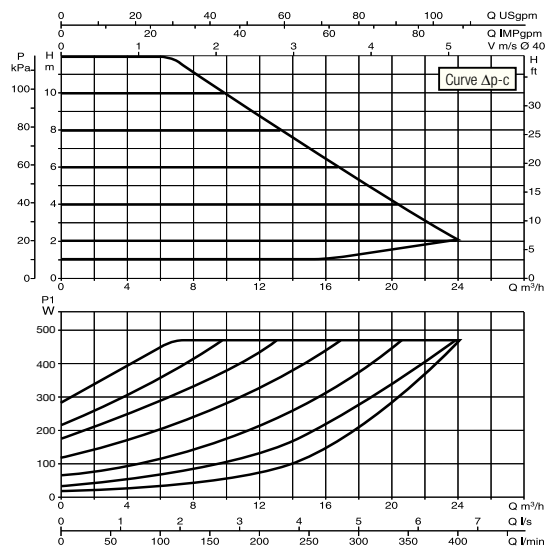
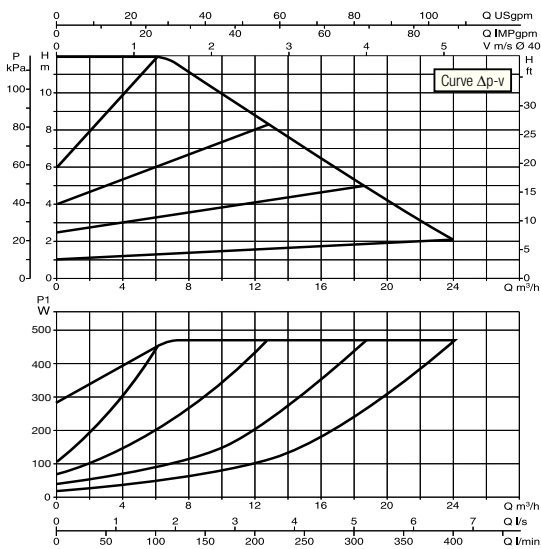
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EVOPLUS B 100/220.40 M



EVOPLUS B 120/250.40 M

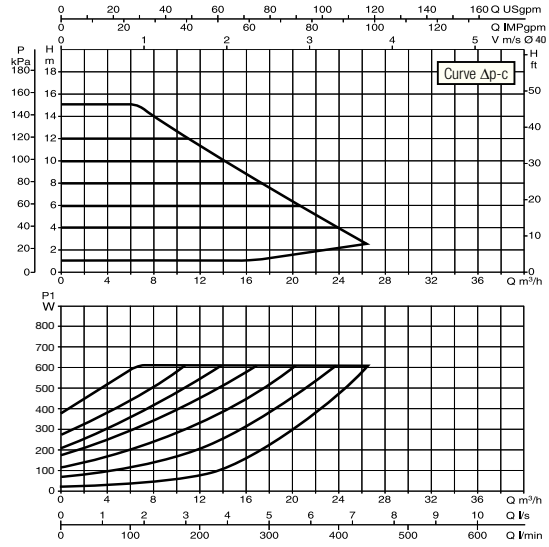
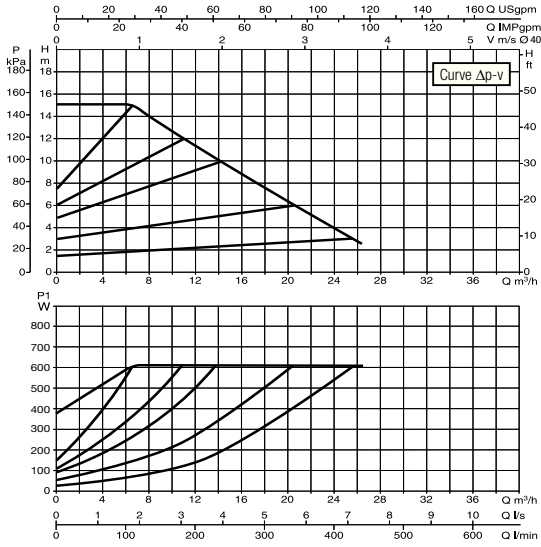


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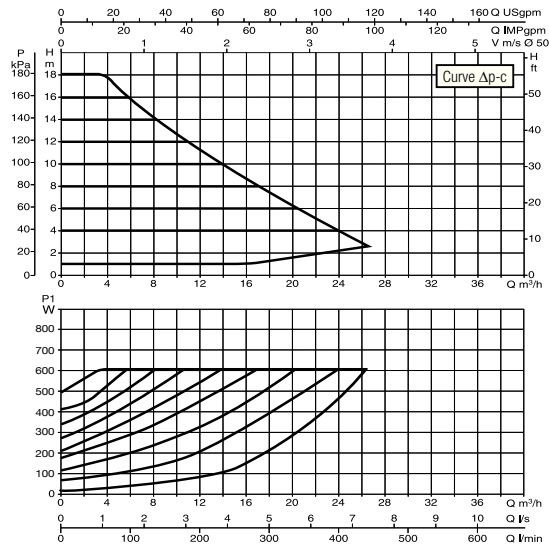
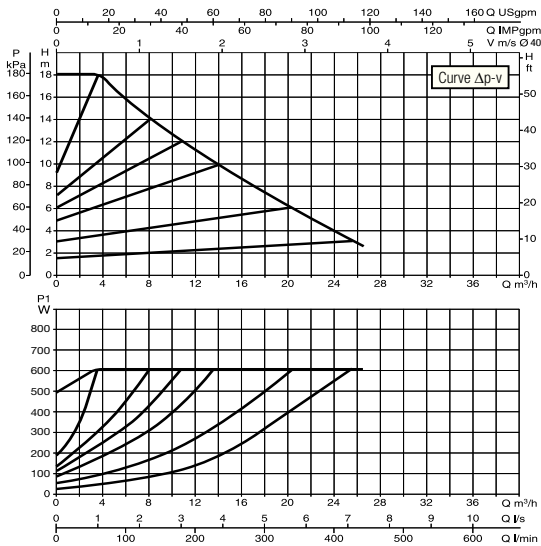
WET ROTOR ELECTRONIC CIRCULATORS

CIRCULATORS AND IN-LINE PUMPS

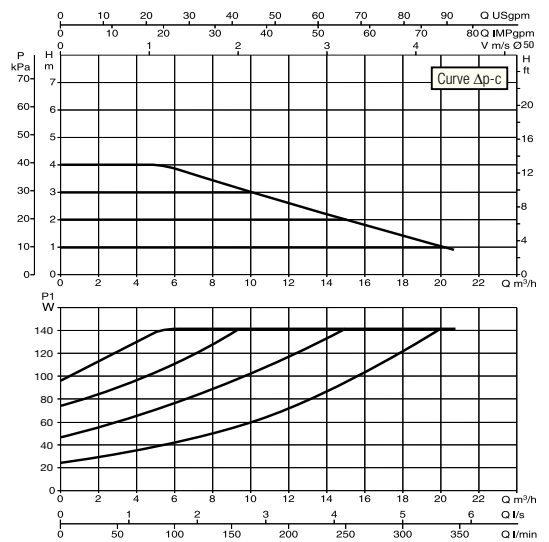
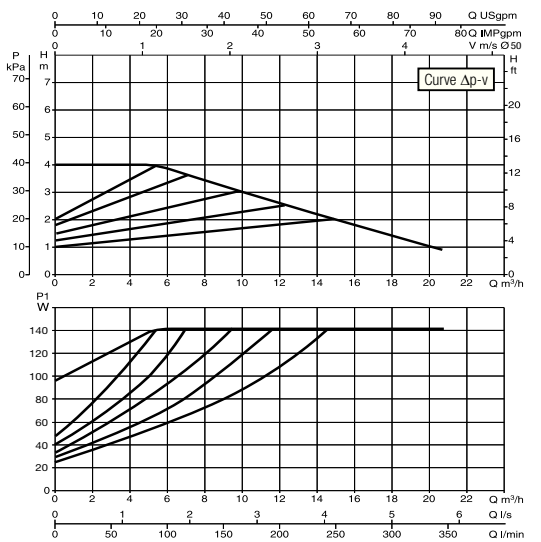
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EVOPLUS B 180/250.40 M



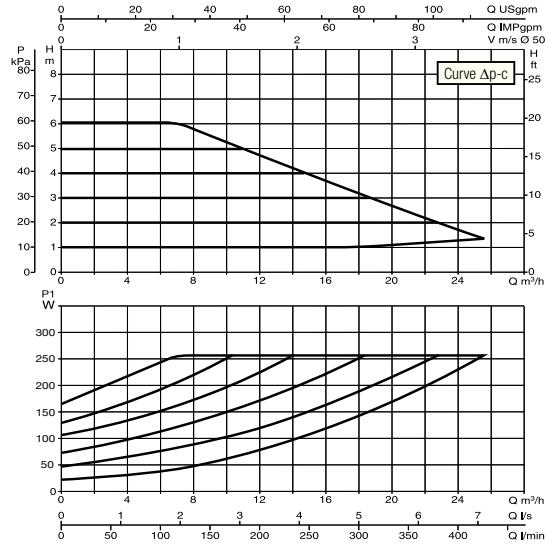
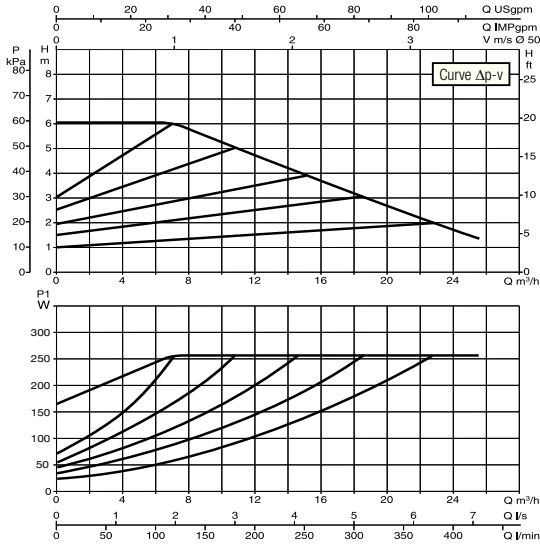
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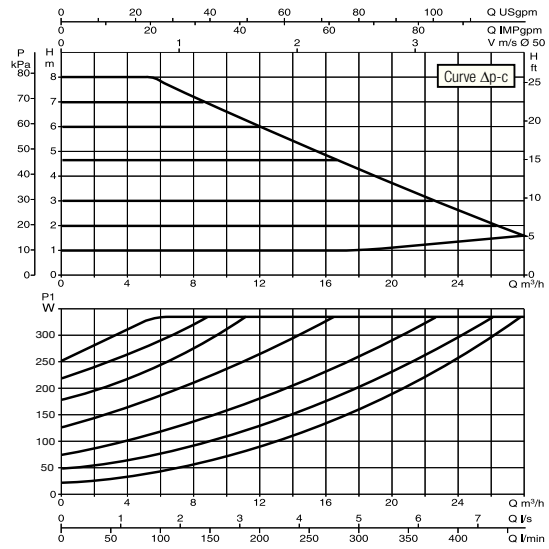
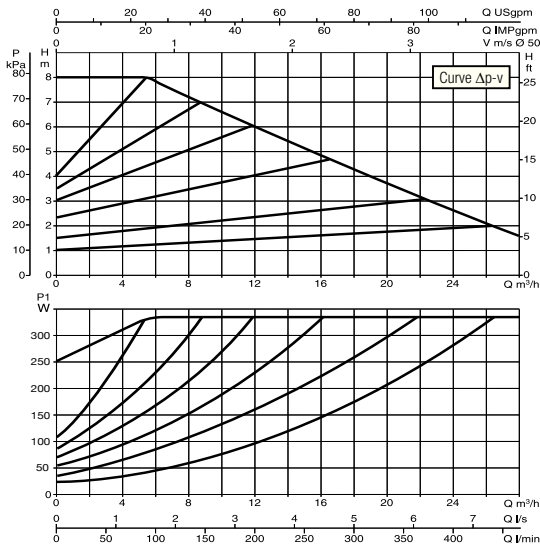
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WET ROTOR ELECTRONIC CIRCULATORS

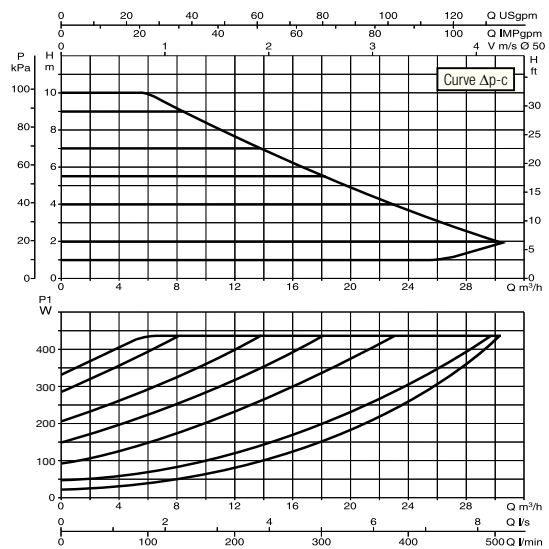
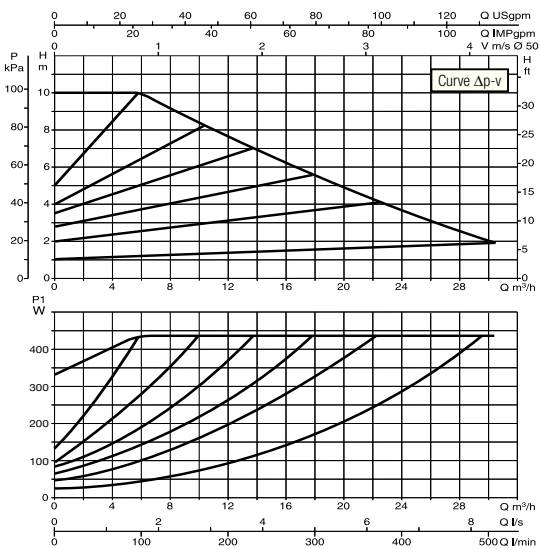
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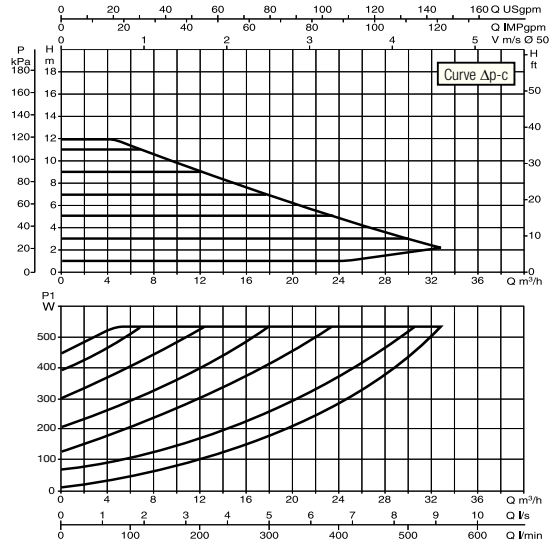
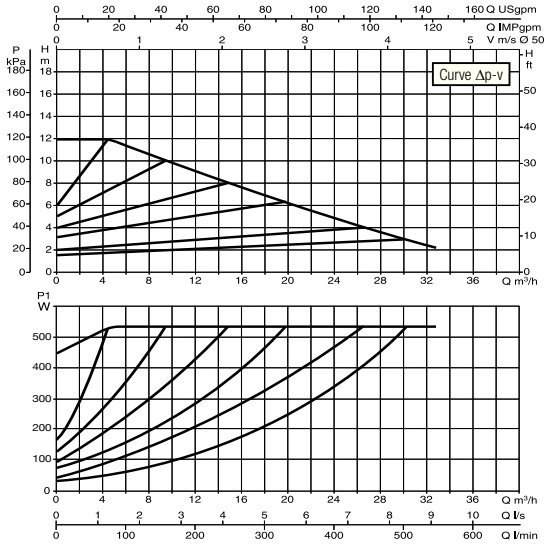
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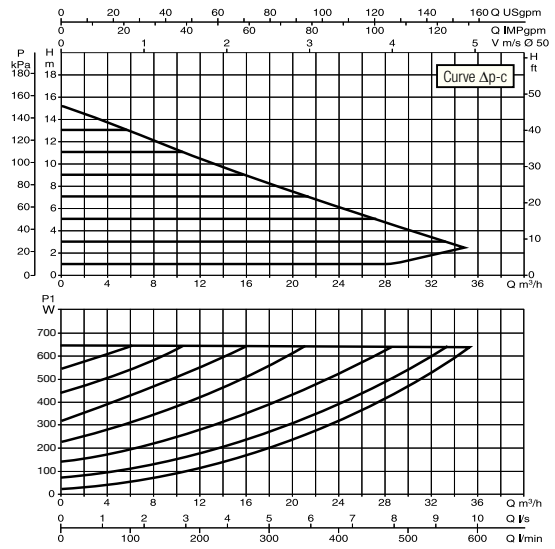
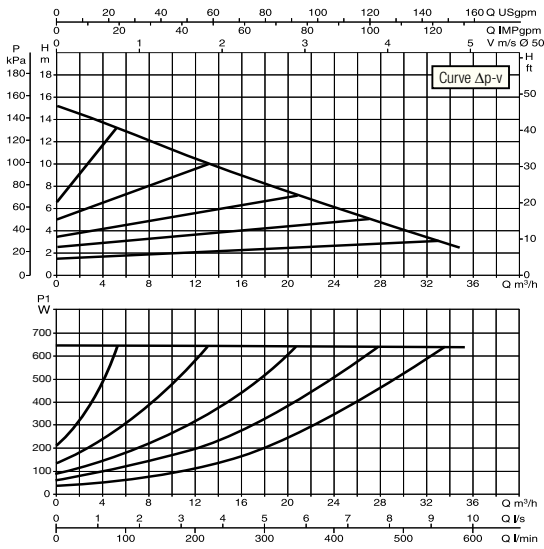
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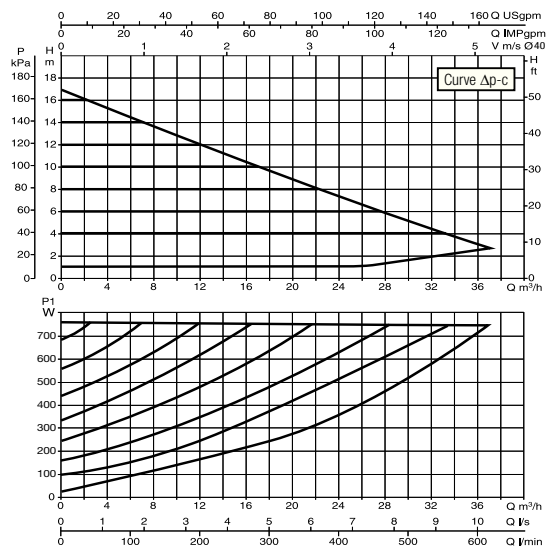
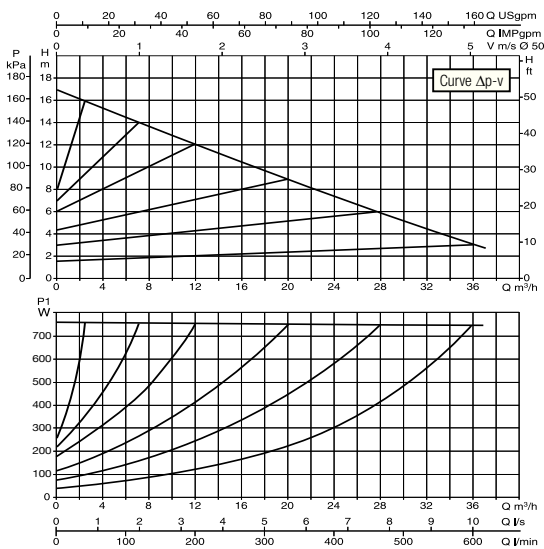
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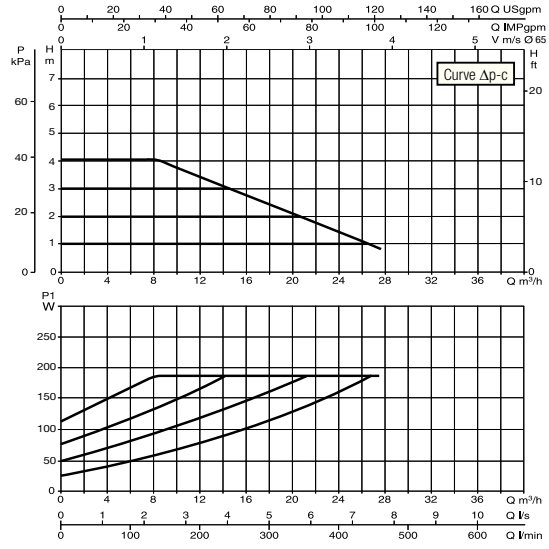
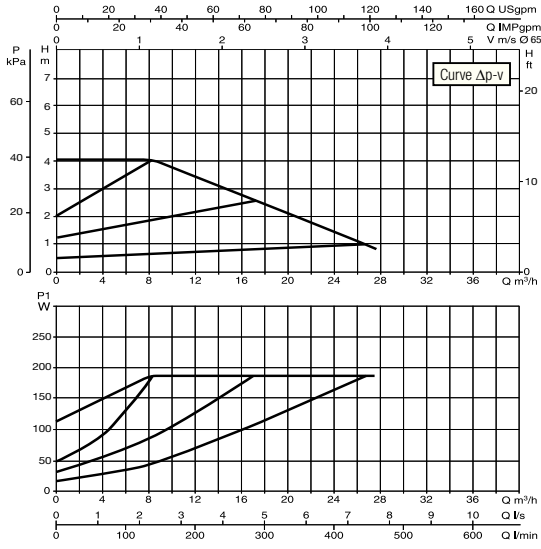
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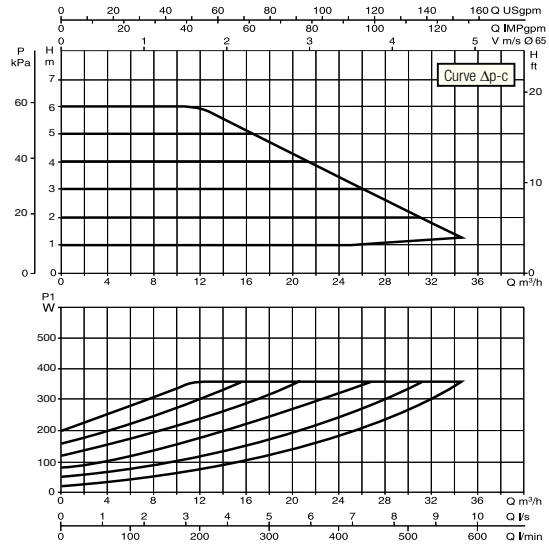
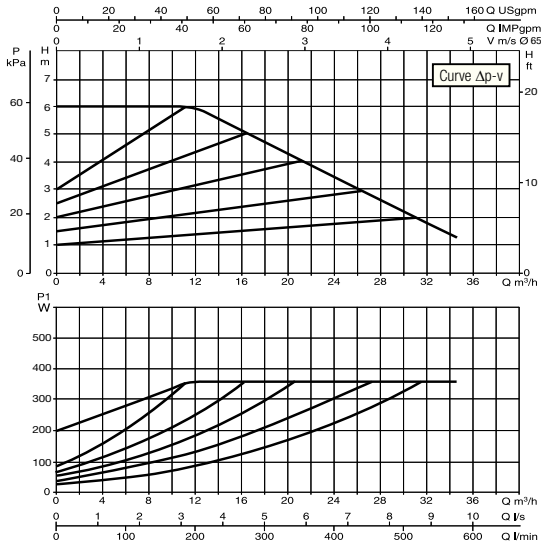
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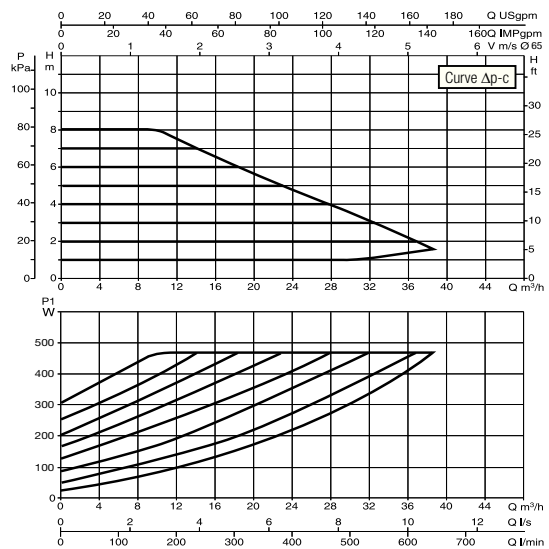
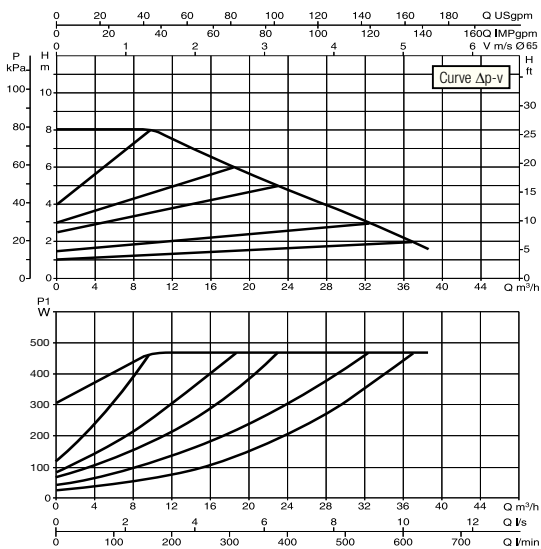
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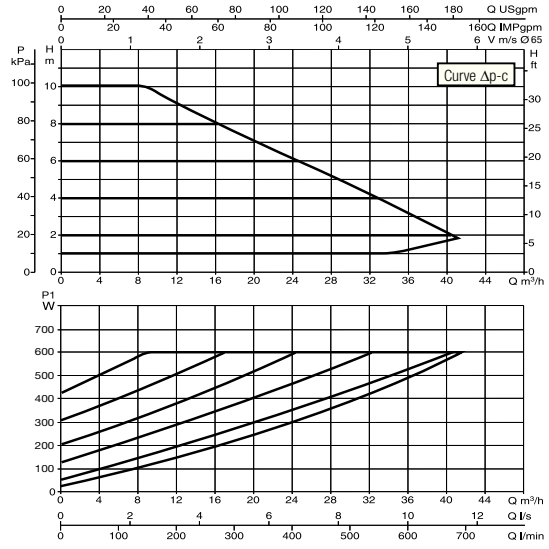
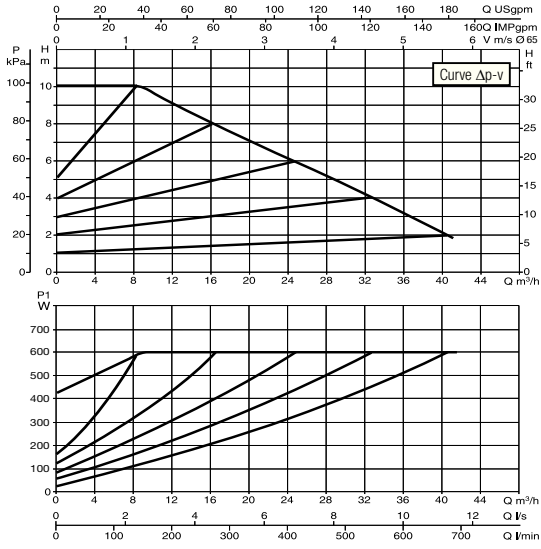


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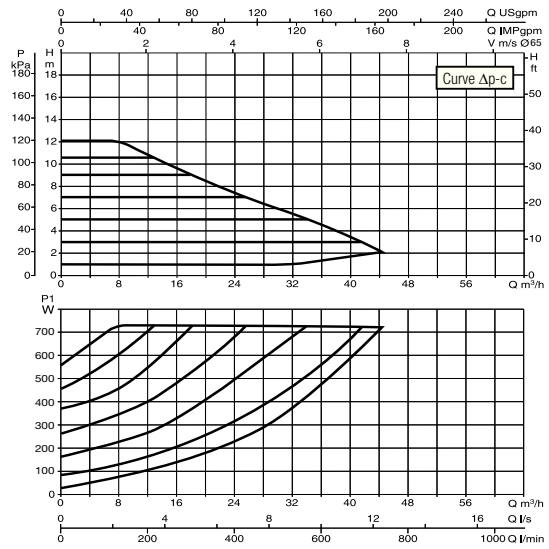
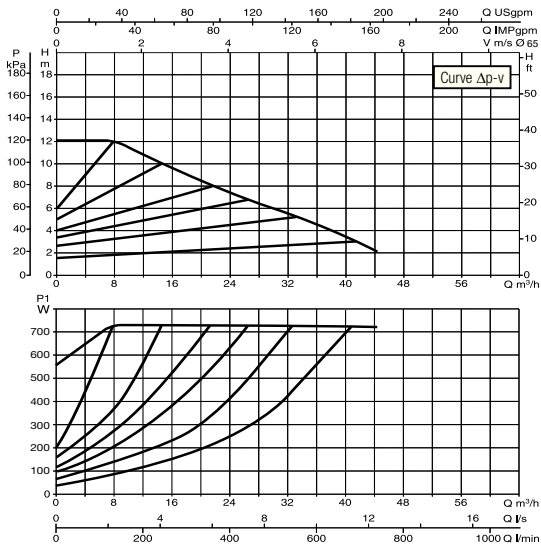
WET ROTOR ELECTRONIC CIRCULATORS

CIRCULATORS AND IN-LINE PUMPS

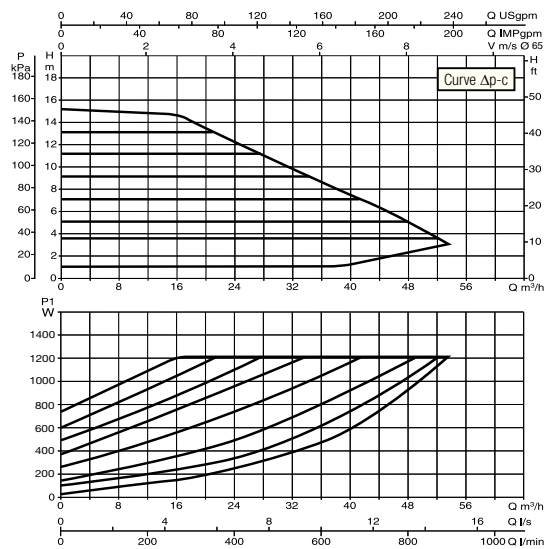
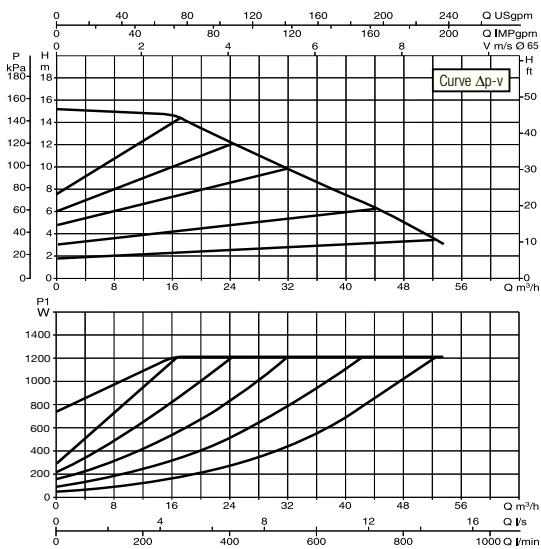
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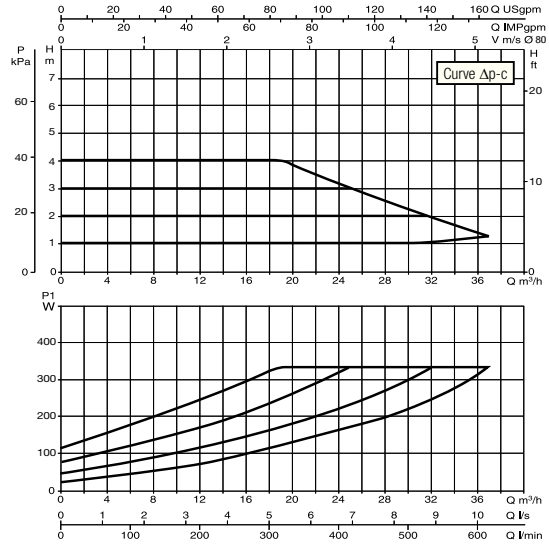
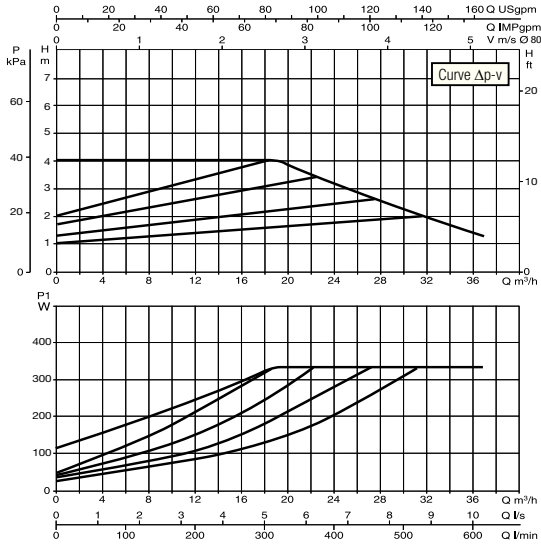
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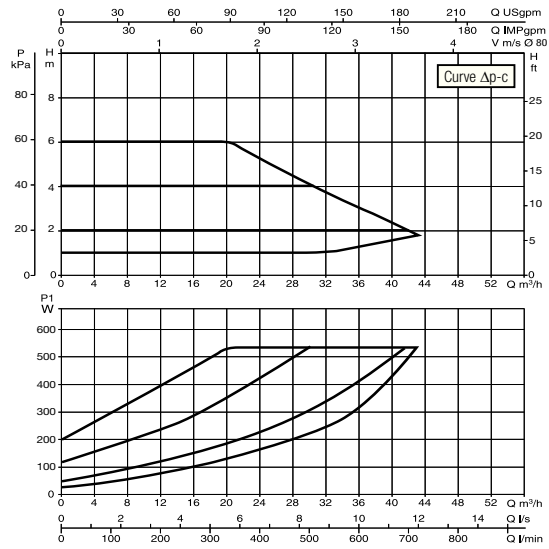
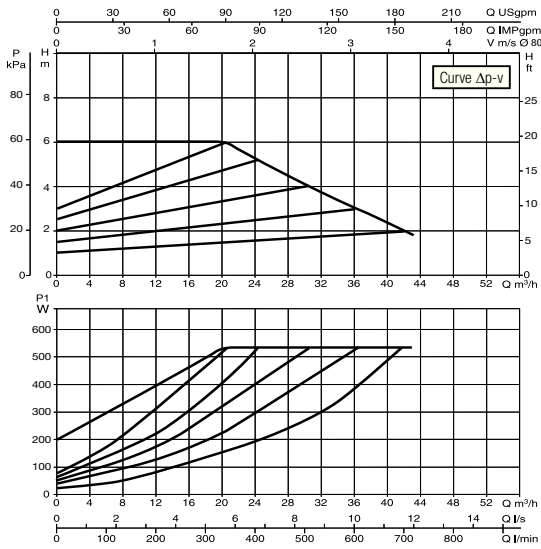
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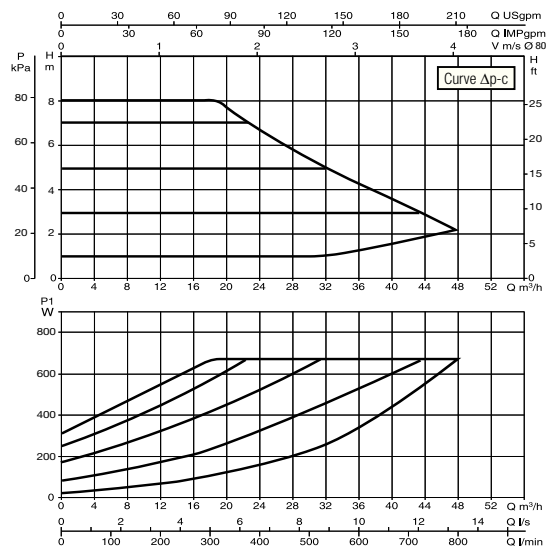
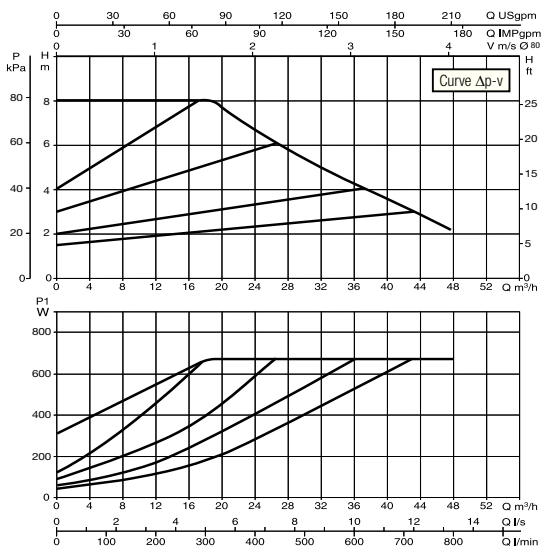
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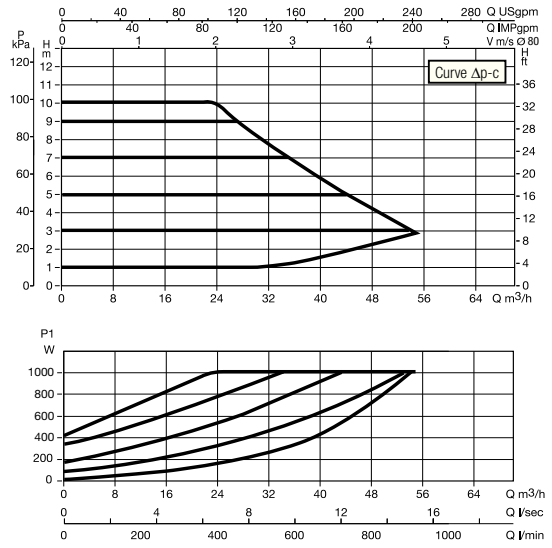
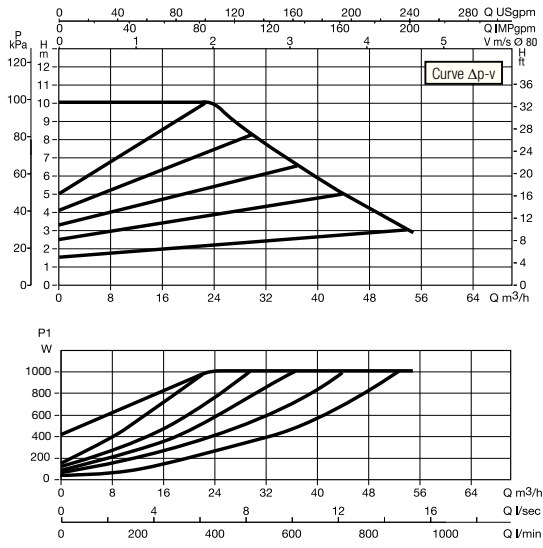


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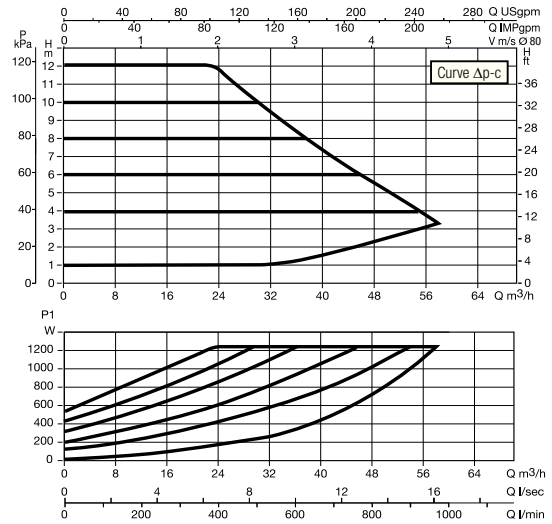
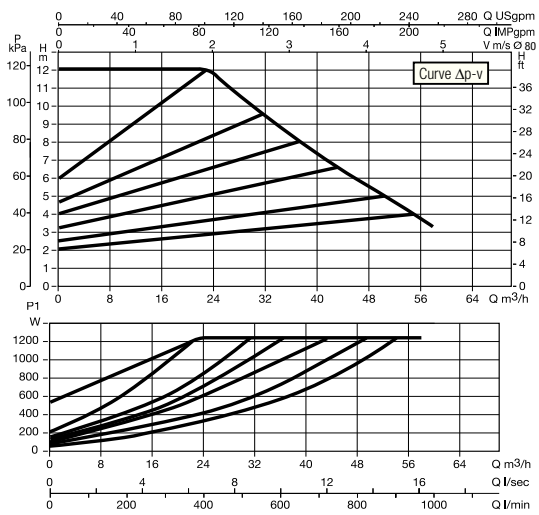
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CIRCULATORS AND IN-LINE PUMPS

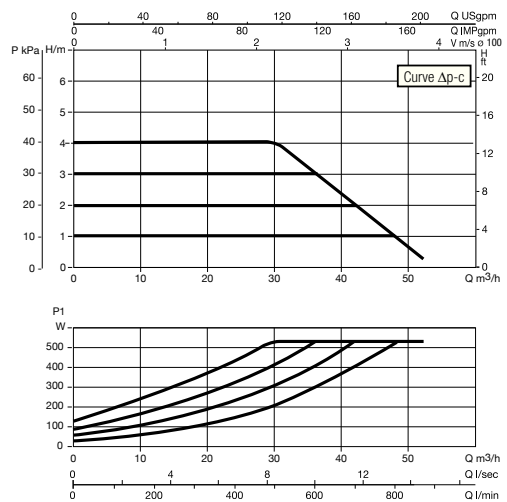
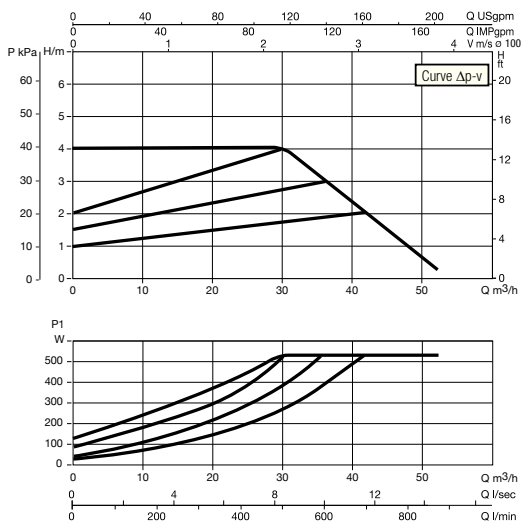
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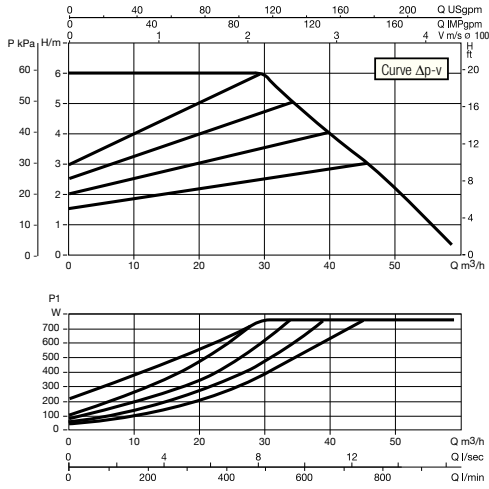
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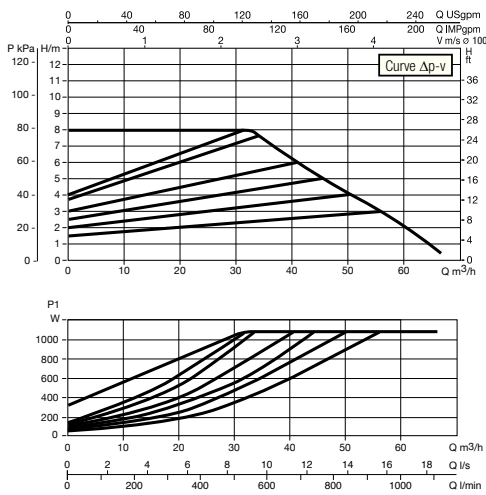
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WET ROTOR ELECTRONIC CIRCULATORS

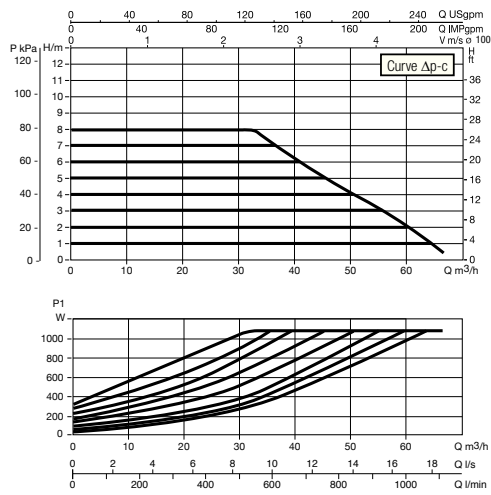
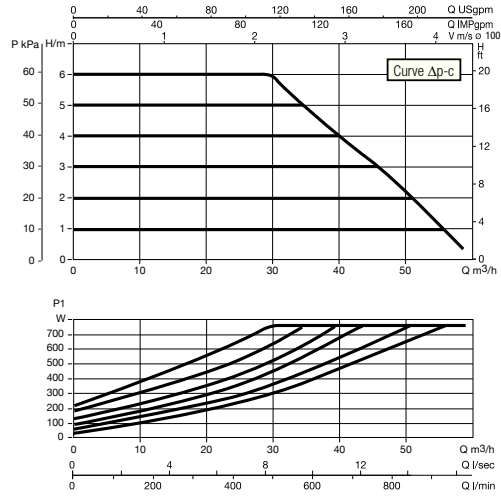
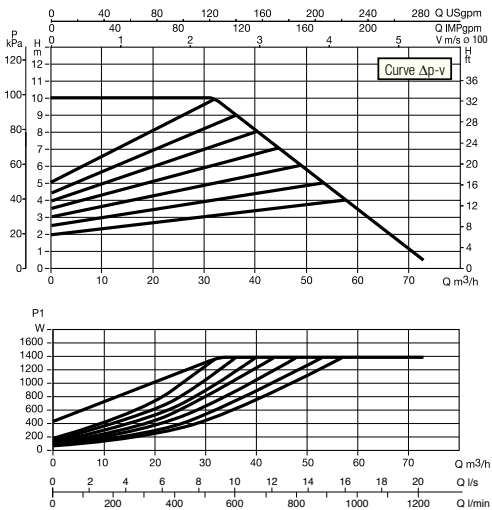
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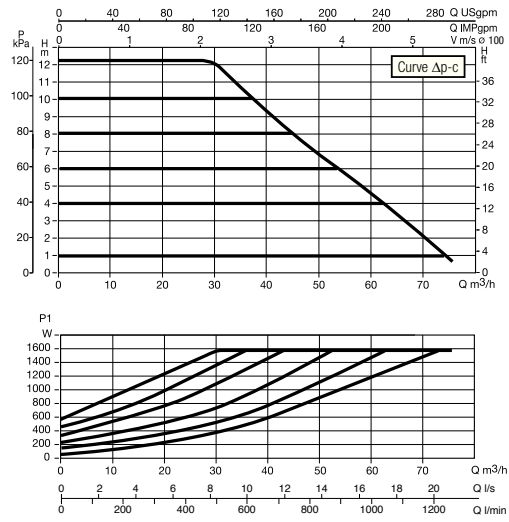
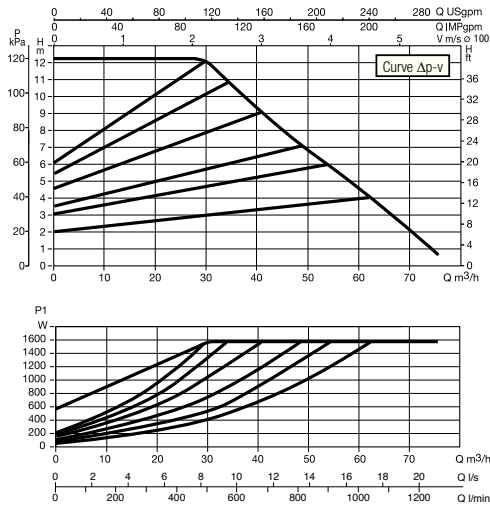
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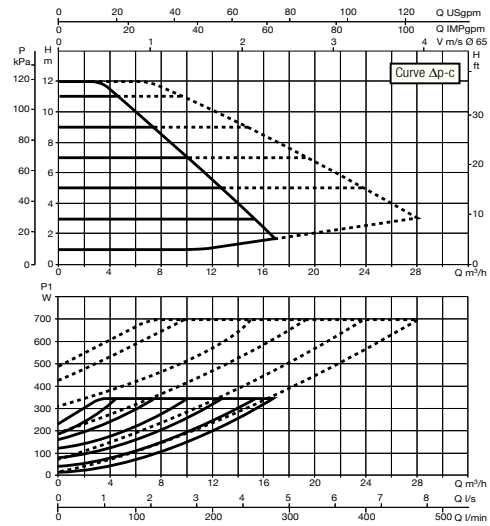
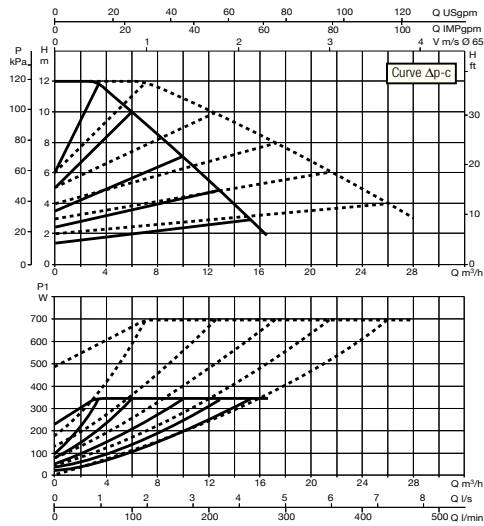
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WET ROTOR ELECTRONIC CIRCULATORS

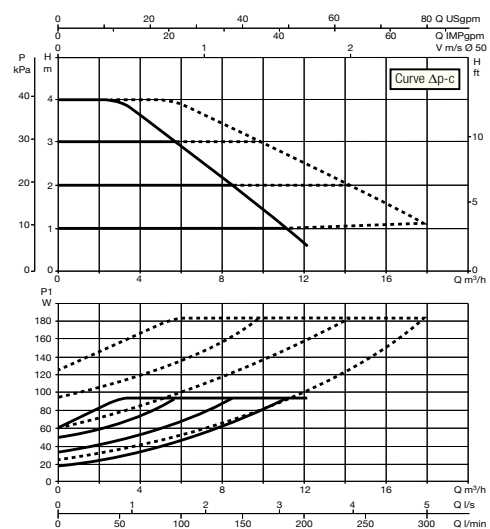
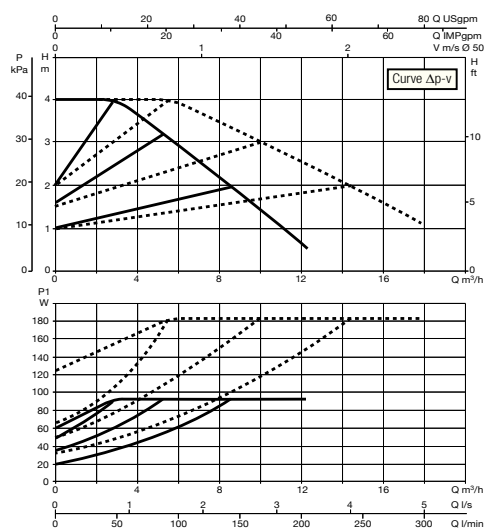
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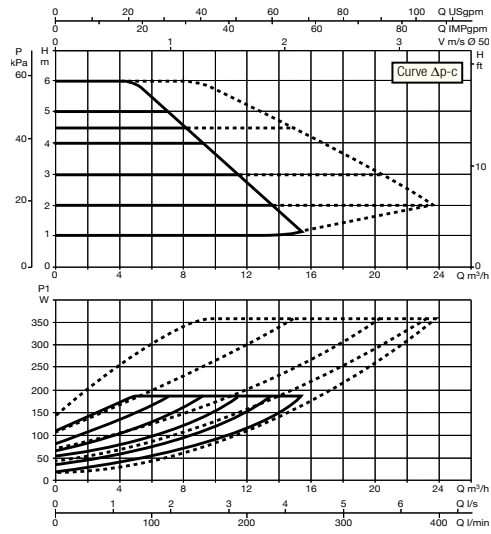
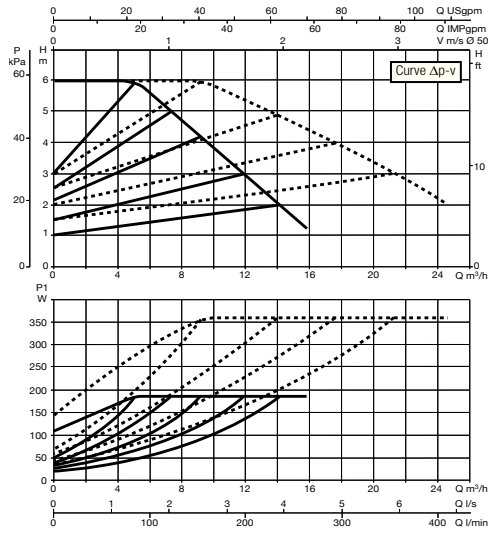
EVOPLUS D 120/220.32 M



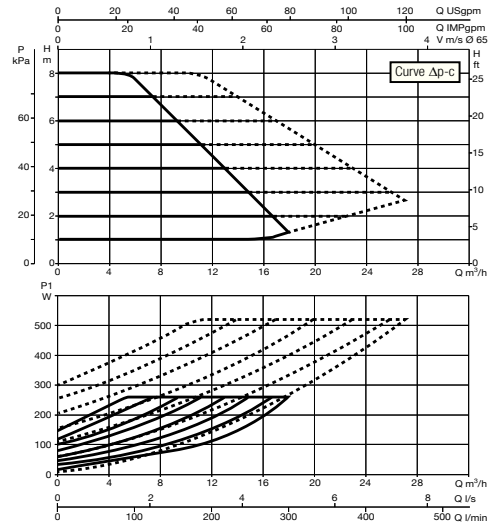
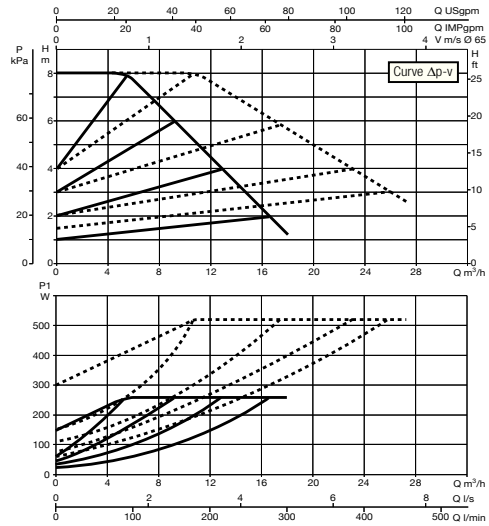
EVOPLUS D 40/220.40 M



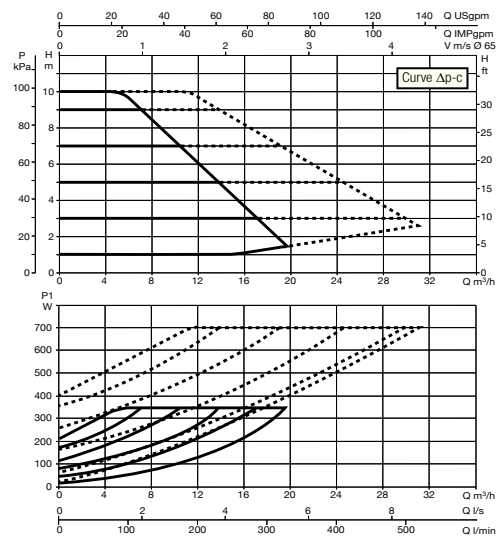
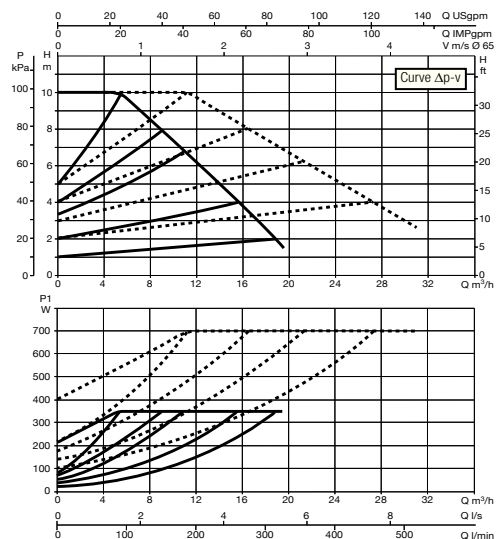
EVOPLUS D 60/220.40 M



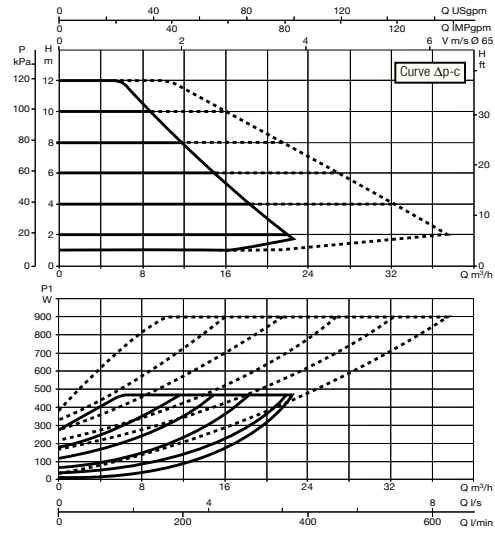
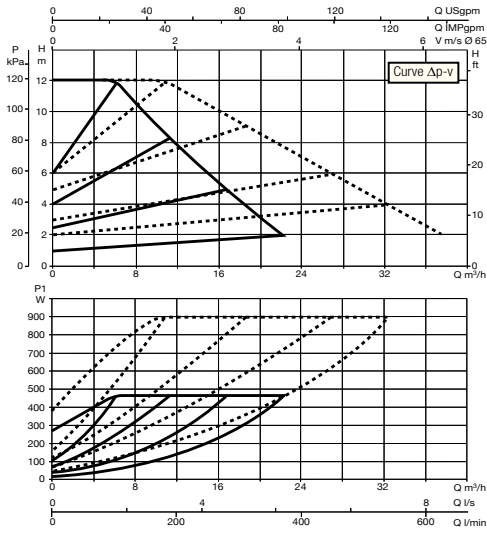
EVOPLUS D 80/220.40 M



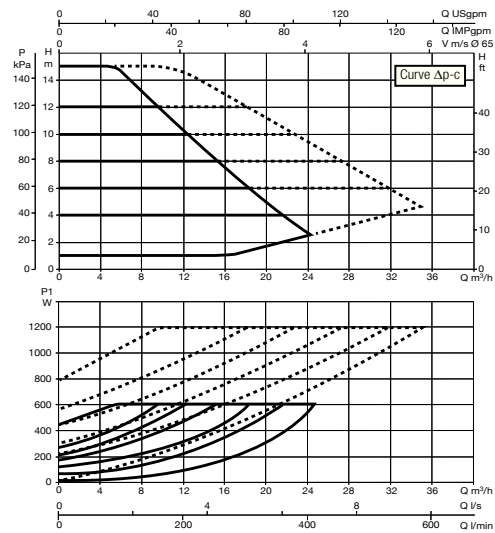
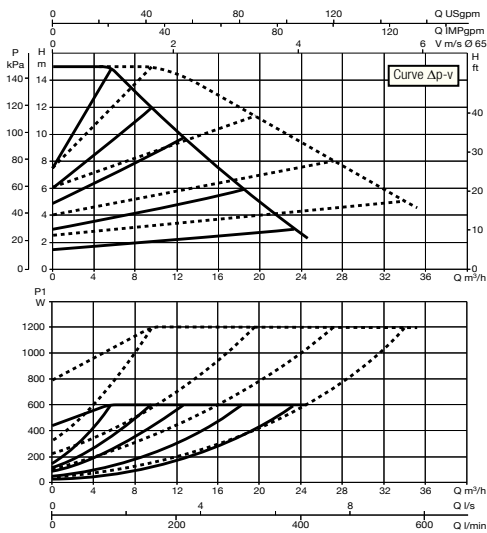
EVOPLUS D 100/220.40 M



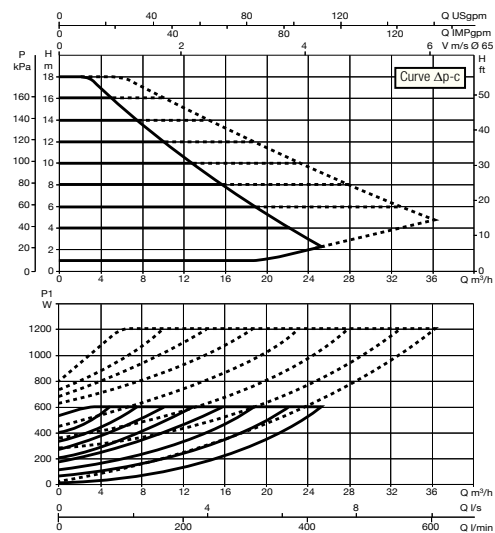
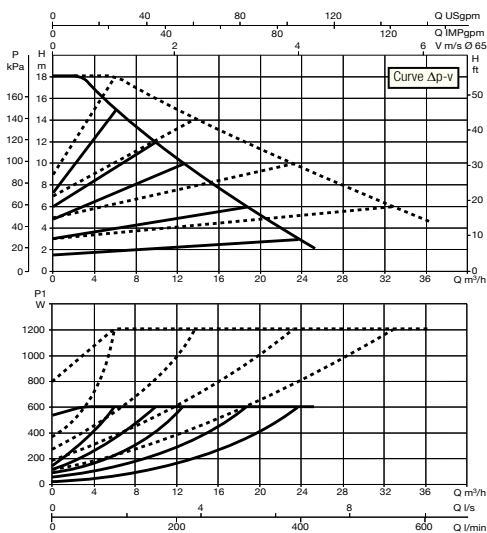
EVOPLUS D 120/250.40 M



EVOPLUS D 150/250.40 M



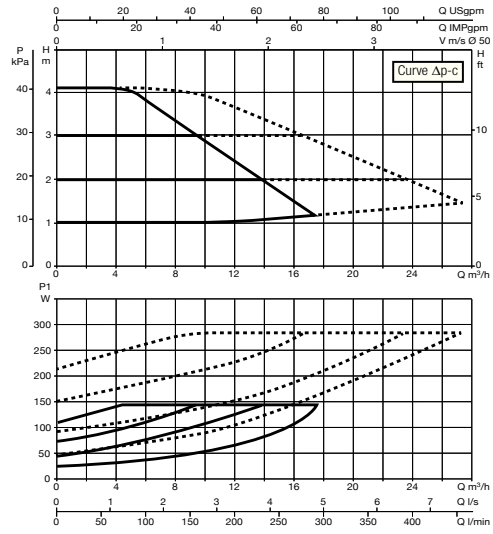
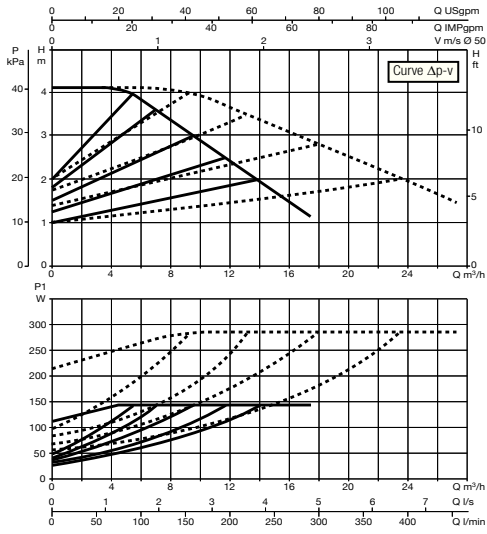
EVOPLUS D 180/250.40 M



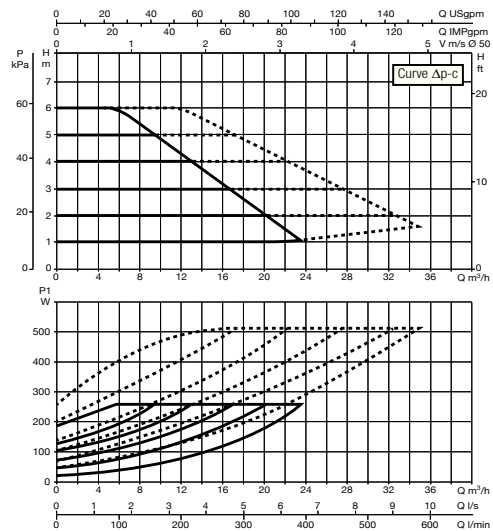
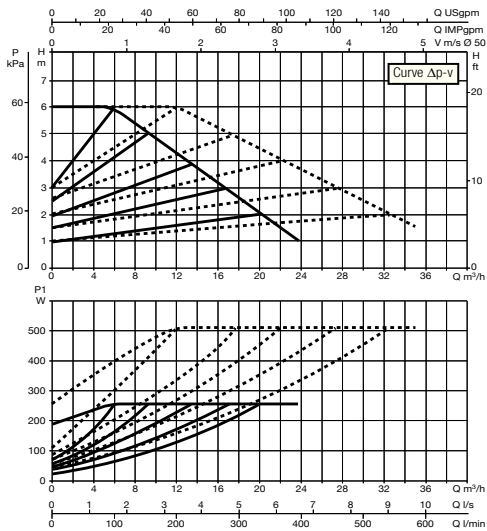
EVOPLUS

WET ROTOR ELECTRONIC CIRCULATORS

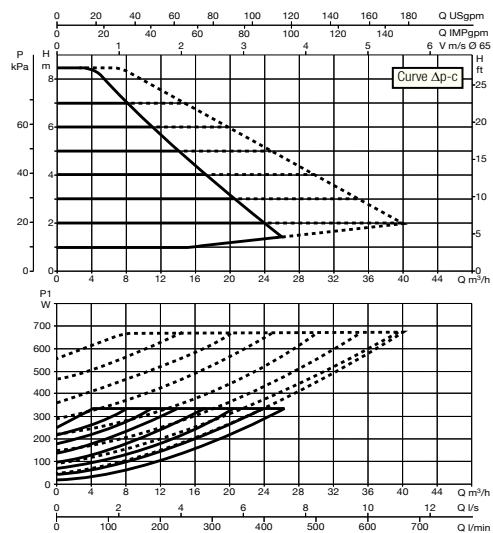
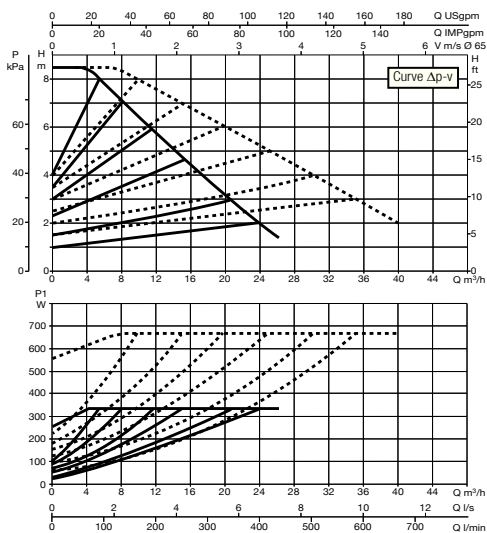
EVOPLUS D 40/240.50 M



EVOPLUS D 60/240.50 M



EVOPLUS D 80/240.50 M

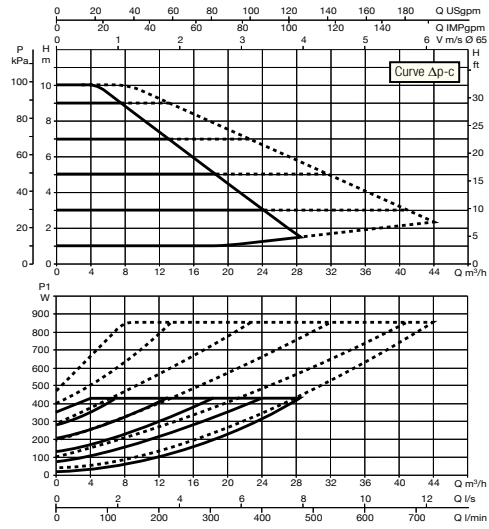
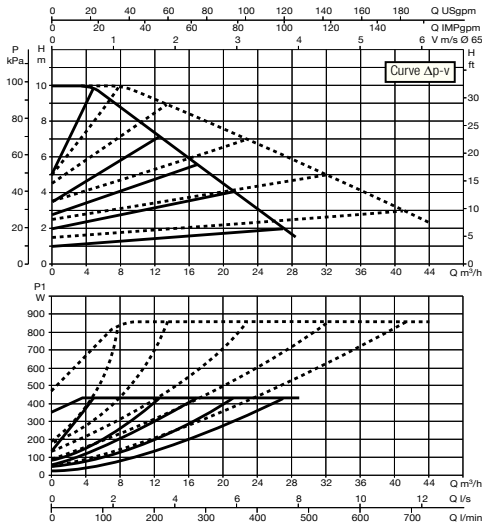


EVOPLUS

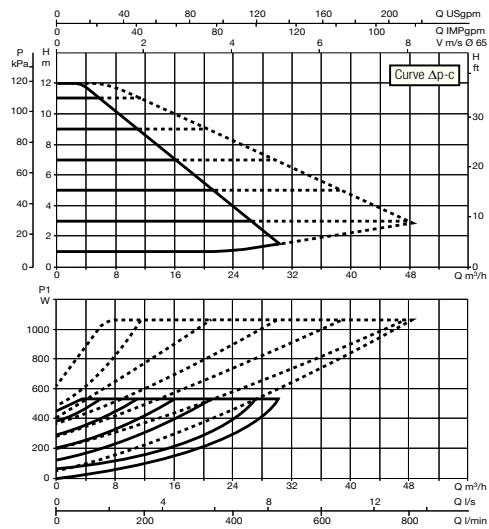
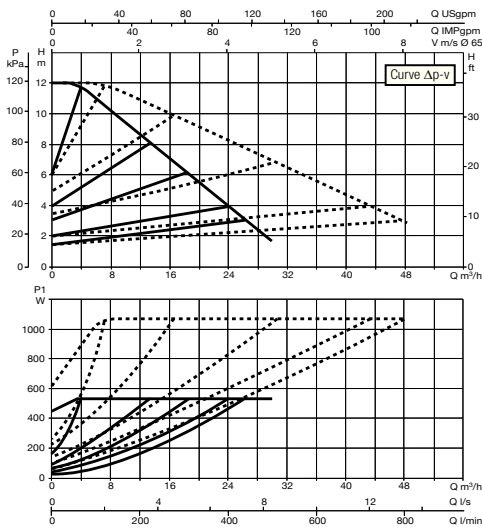
WET ROTOR ELECTRONIC CIRCULATORS

CIRCULATORS AND IN-LINE PUMPS

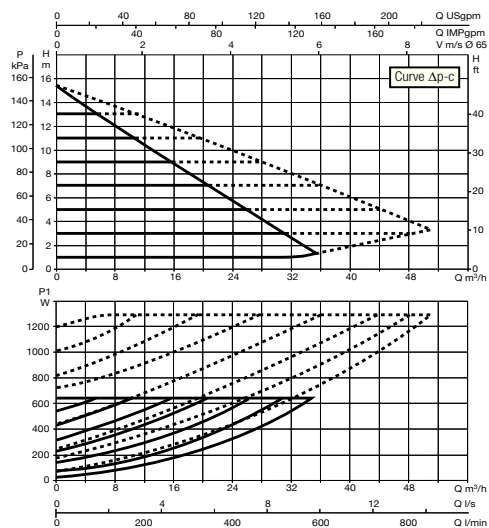
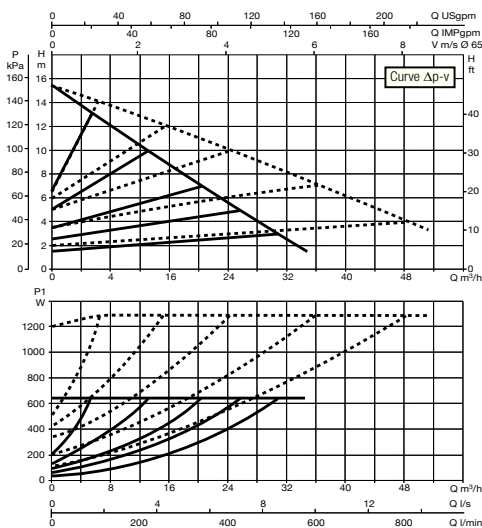
EVOPLUS D 100/280.50 M



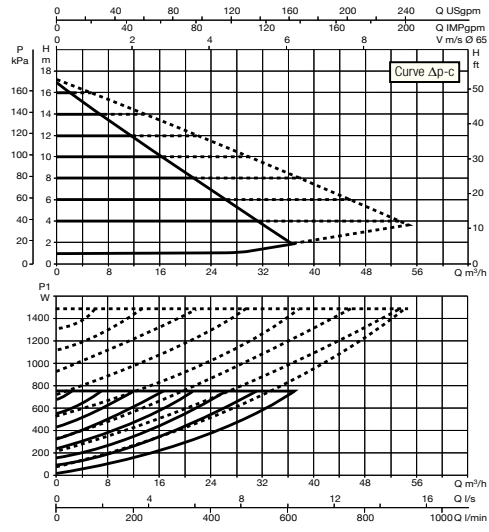
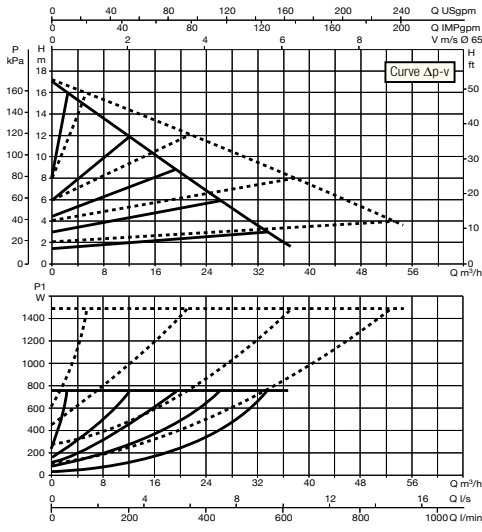
EVOPLUS D 120/280.50 M



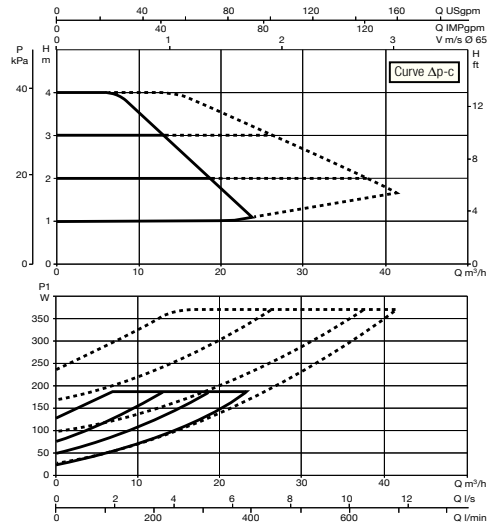
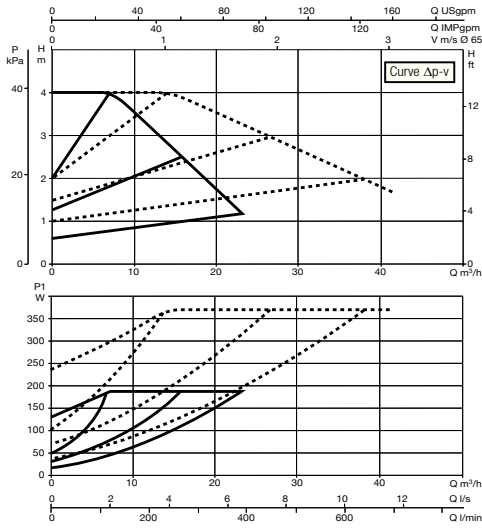
EVOPLUS D 150/280.50 M



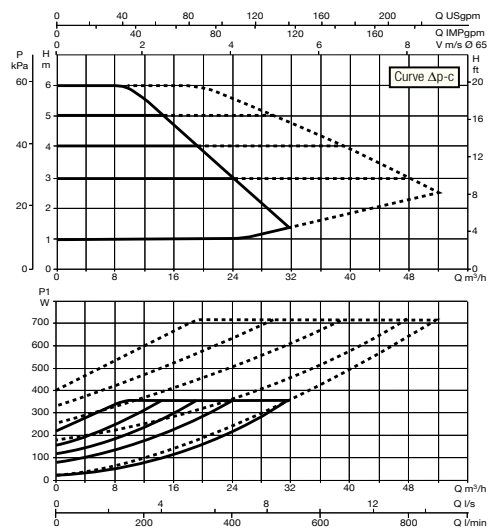
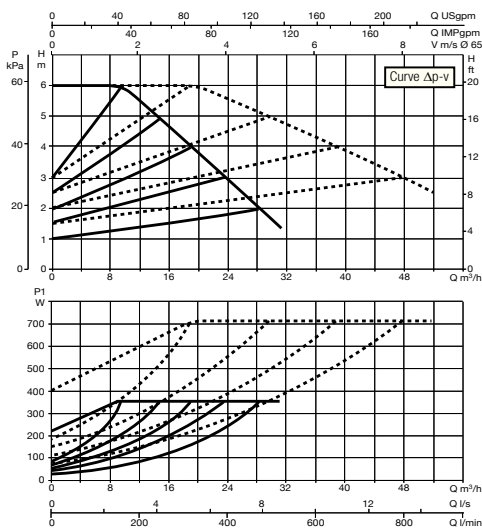
EVOPLUS D 180/280.50 M



EVOPLUS D 40/340.65 M



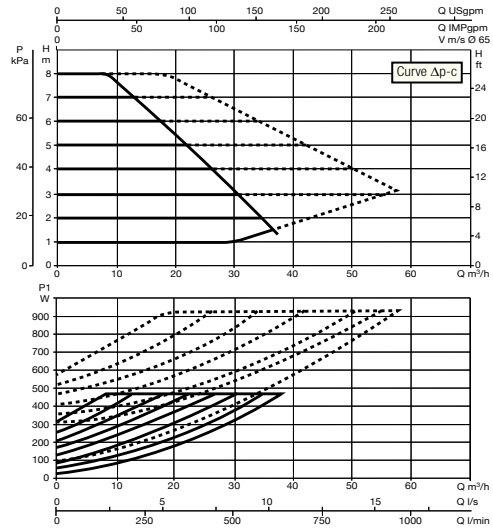
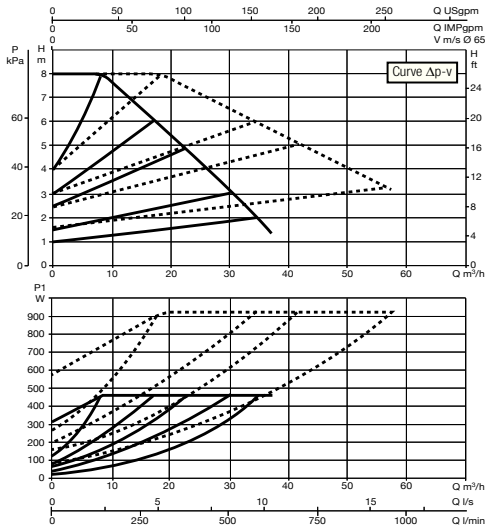
EVOPLUS D 60/340.65 M



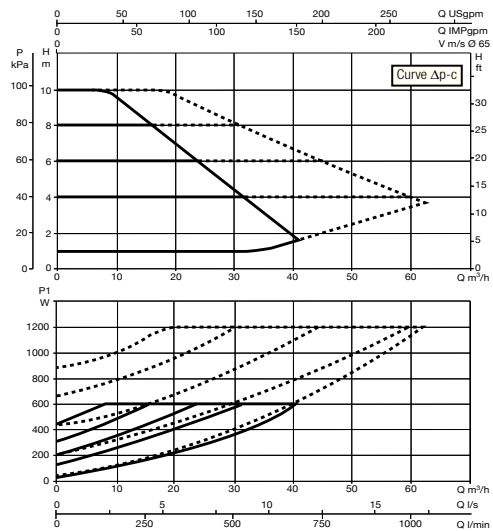
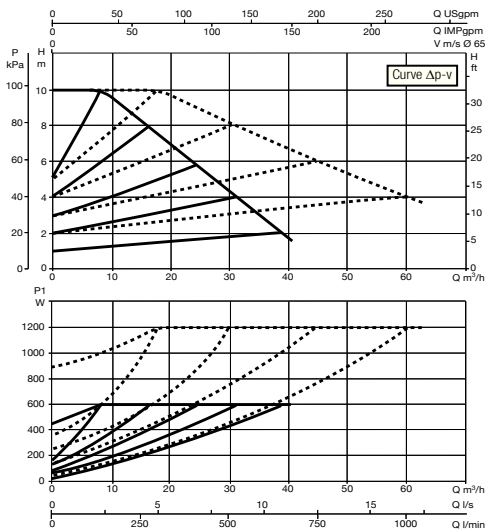
EVOPLUS

WET ROTOR ELECTRONIC CIRCULATORS

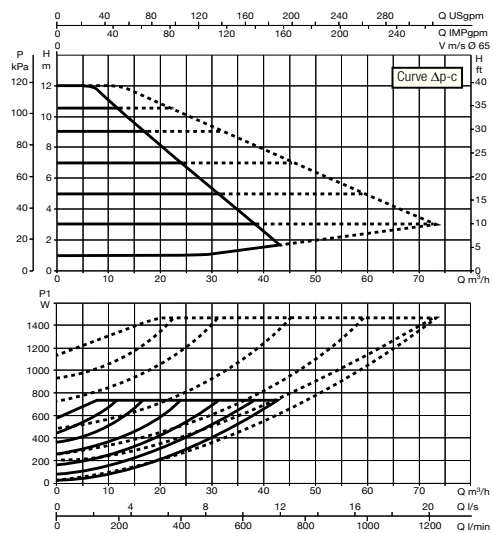
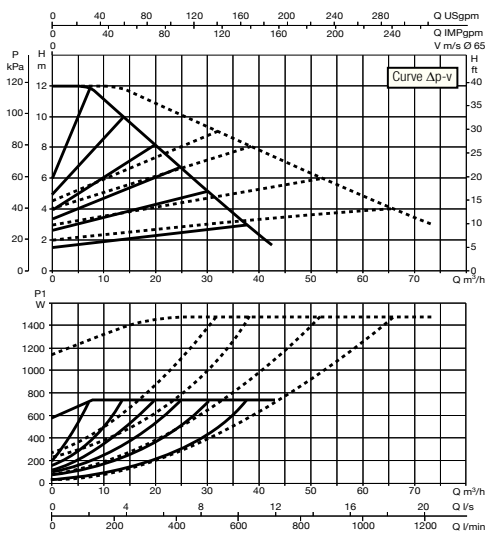
EVOPLUS D 80/340.65 M



EVOPLUS D 100/340.65 M



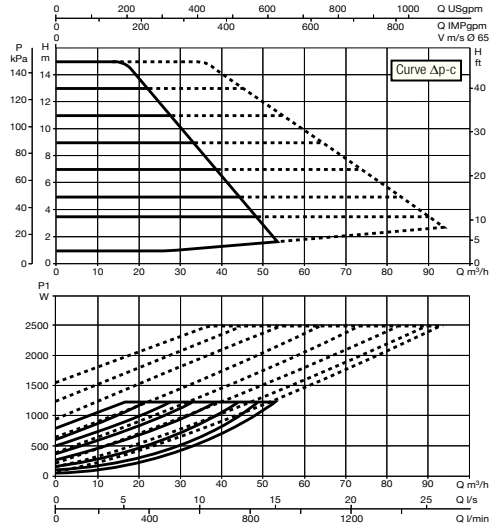
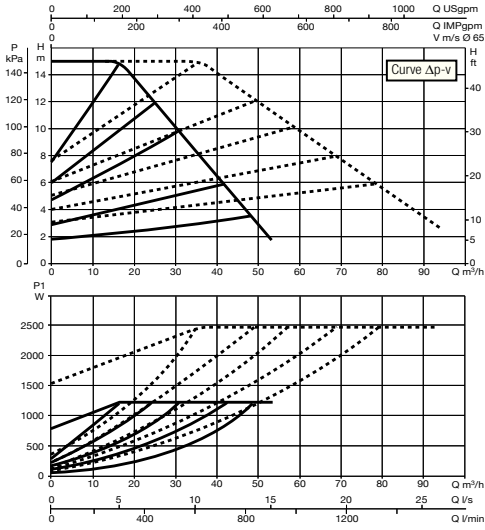
EVOPLUS D 120/340.65 M



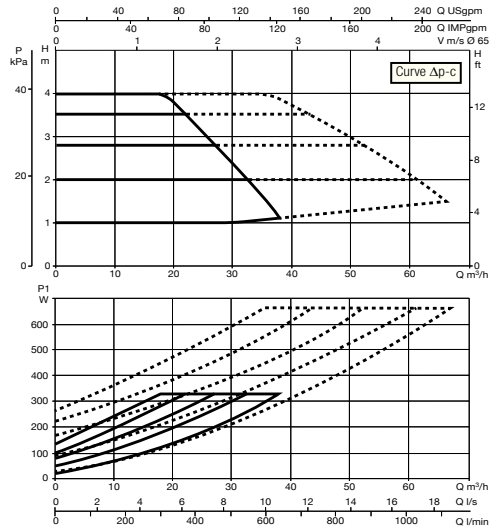
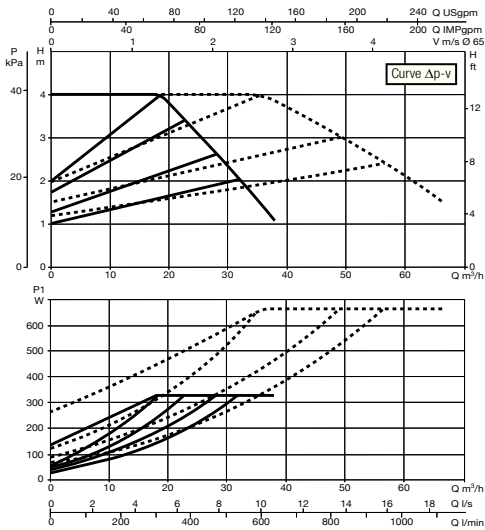
EVOPLUS

WET ROTOR ELECTRONIC CIRCULATORS

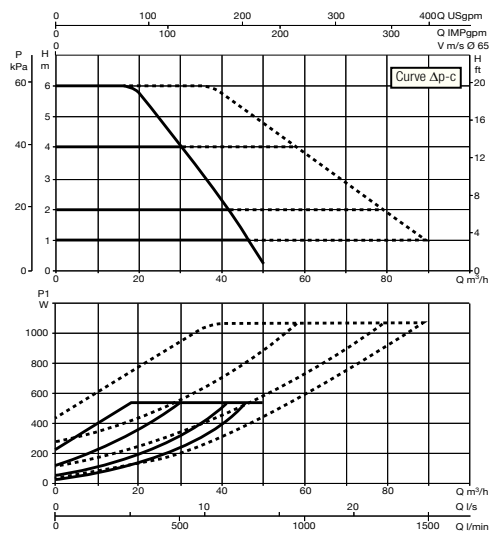
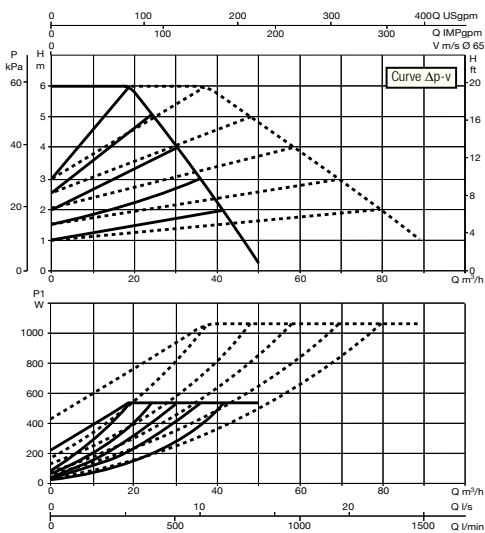
EVOPLUS D 150/340.65 M



EVOPLUS D 40/360.80 M



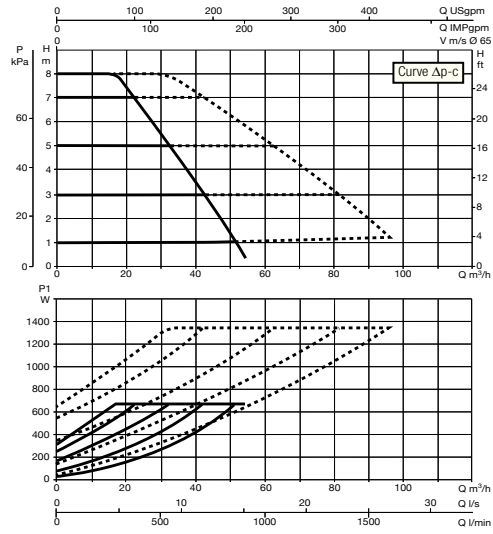
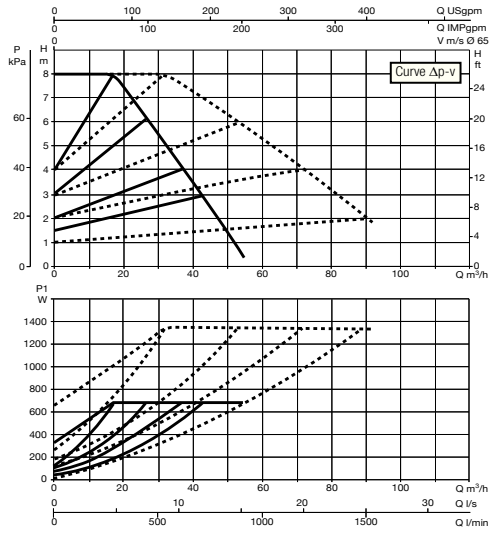
EVOPLUS D 60/360.80 M



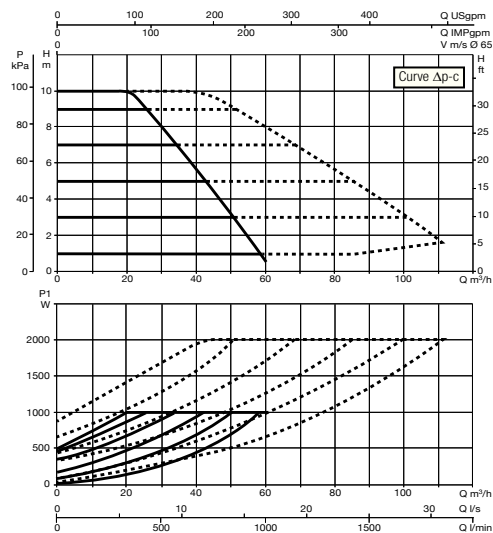
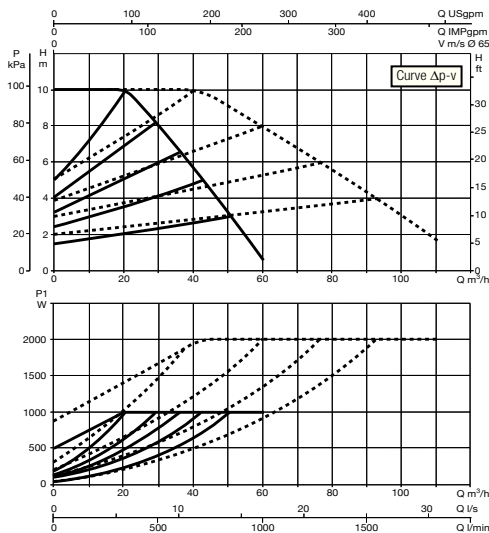
EVOPLUS

WET ROTOR ELECTRONIC CIRCULATORS

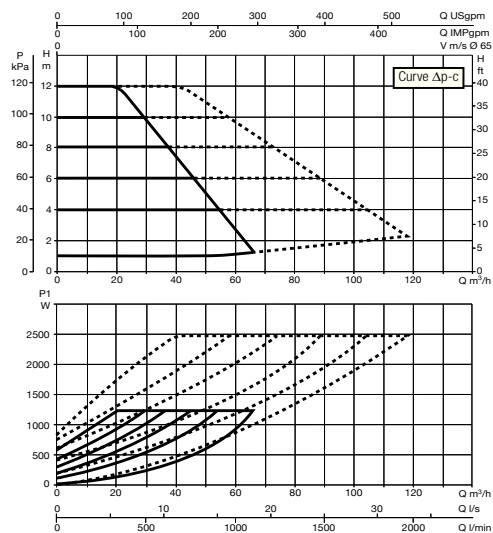
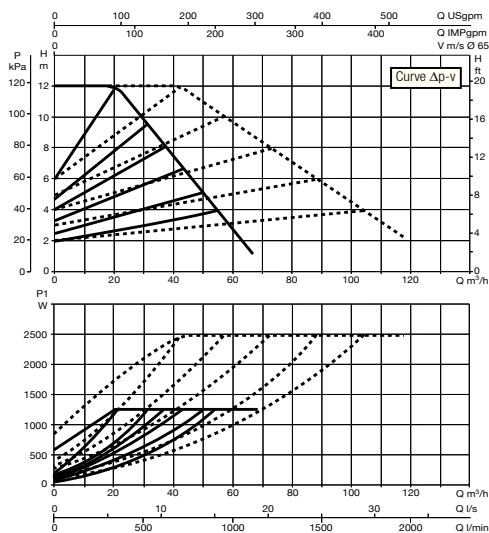
EVOPLUS D 80/360.80 M



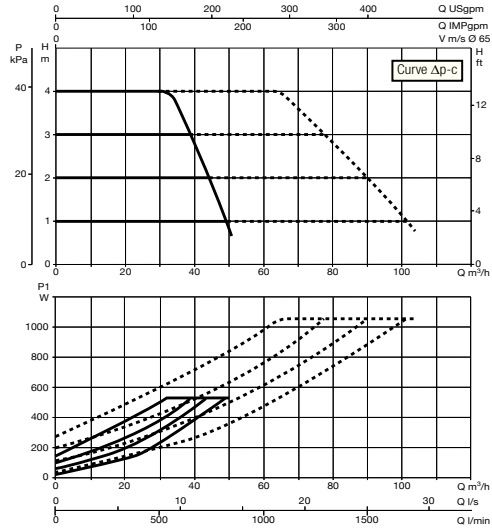
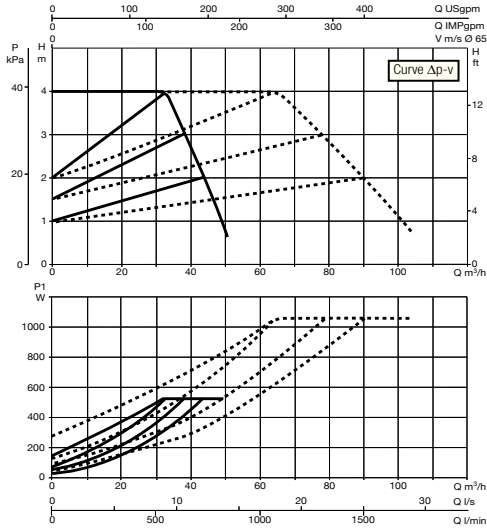
EVOPLUS D 100/360.80 M



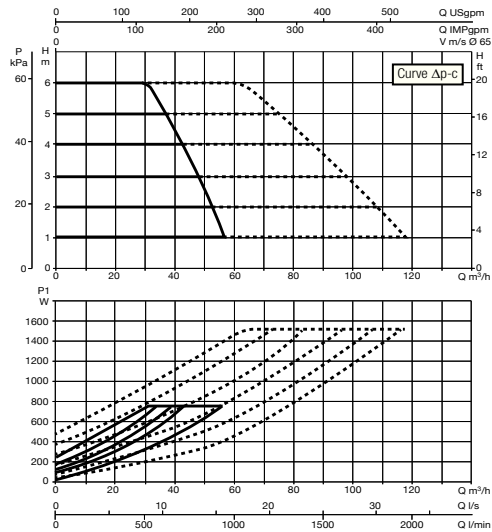
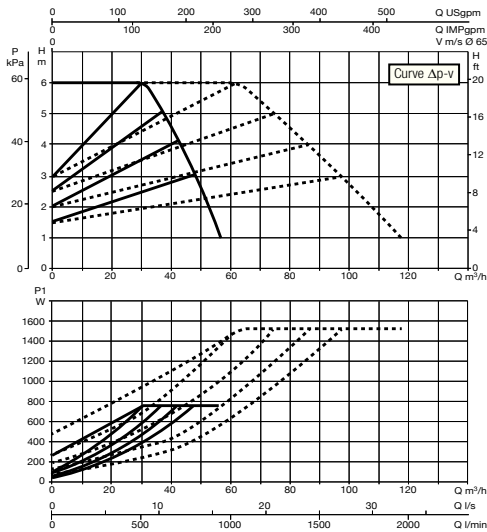
EVOPLUS D 120/360.80 M



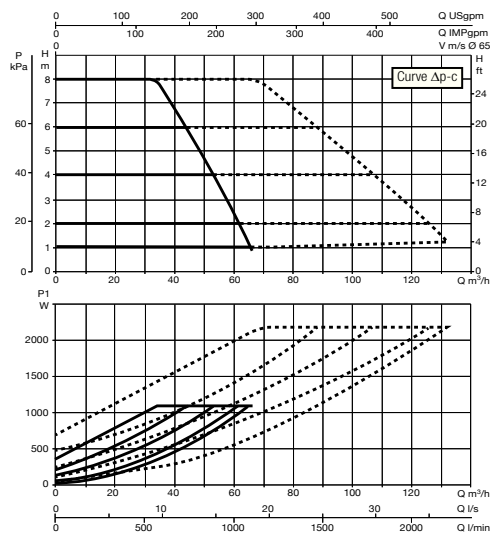
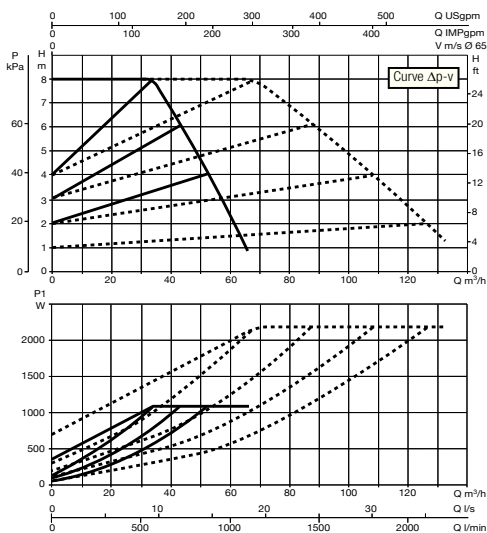
EVOPLUS D 40/450.100 M



EVOPLUS D 60/450.100 M



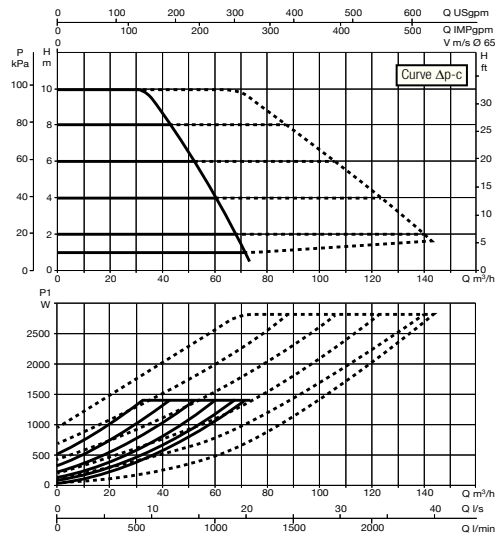
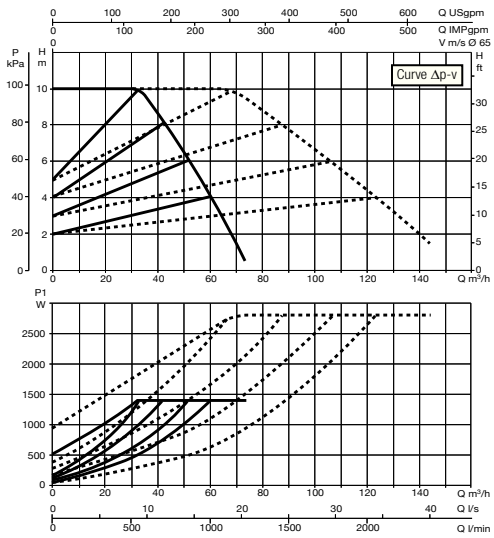
EVOPLUS D 80/450.100 M



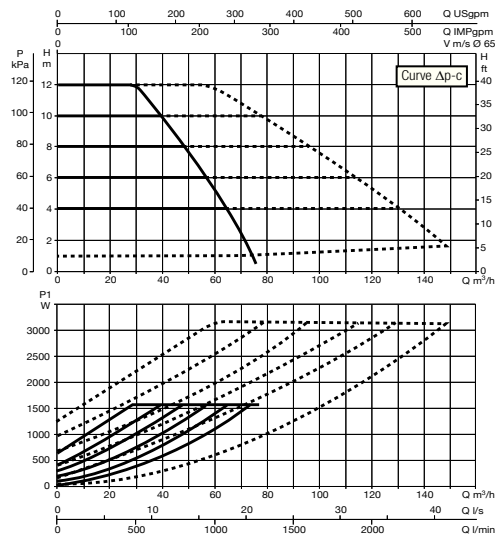
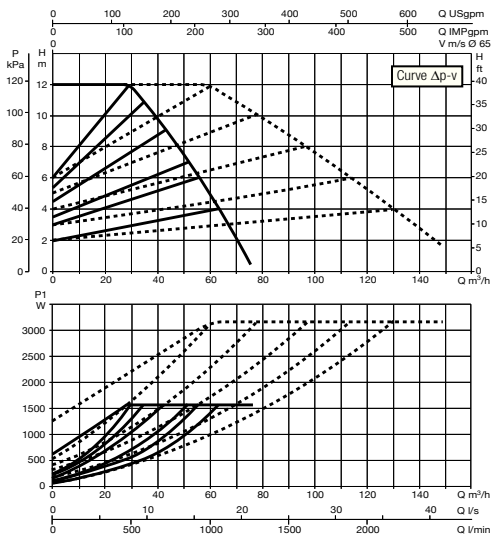
EVOPLUS

WET ROTOR ELECTRONIC CIRCULATORS

EVOPLUS D 100/450.100 M

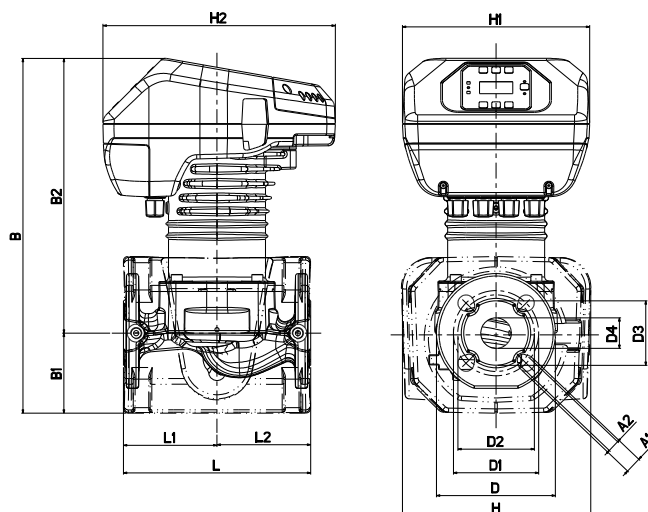


EVOPLUS D 120/450.100 M



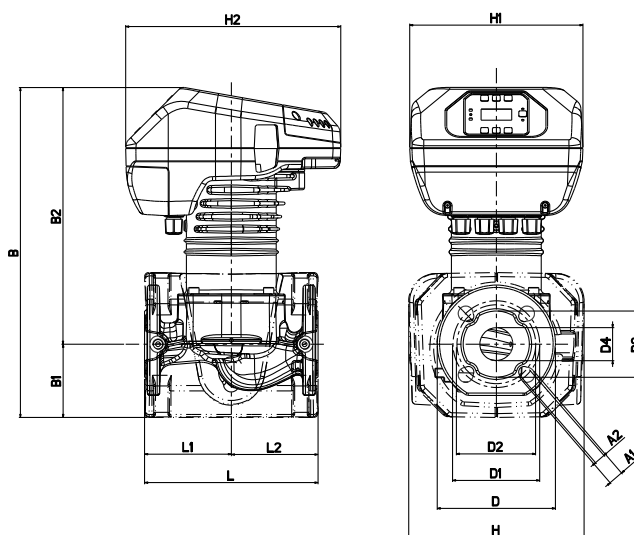
DIMENSIONS AND WEIGHT

EVOPLUS B 120/220.32



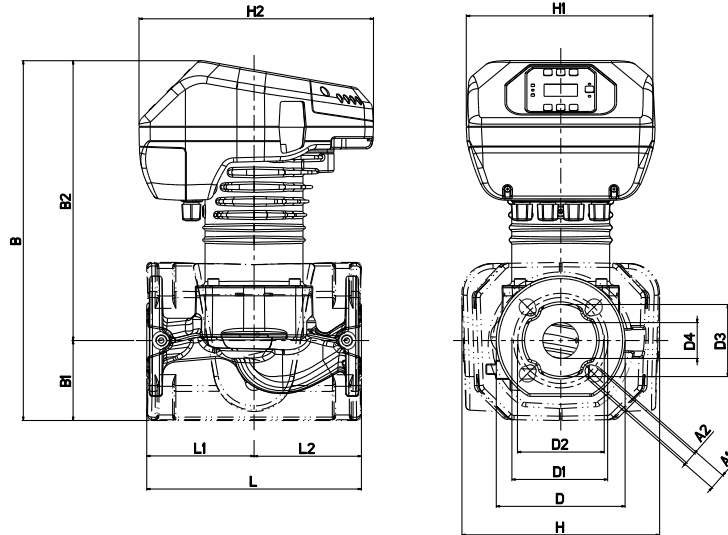
MODEL	L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 120/220.32 M	220	110	110	19	14	417	94	323	140	100	90	76	36	222	220	273	24	8

EVOPLUS B .../220.40 M

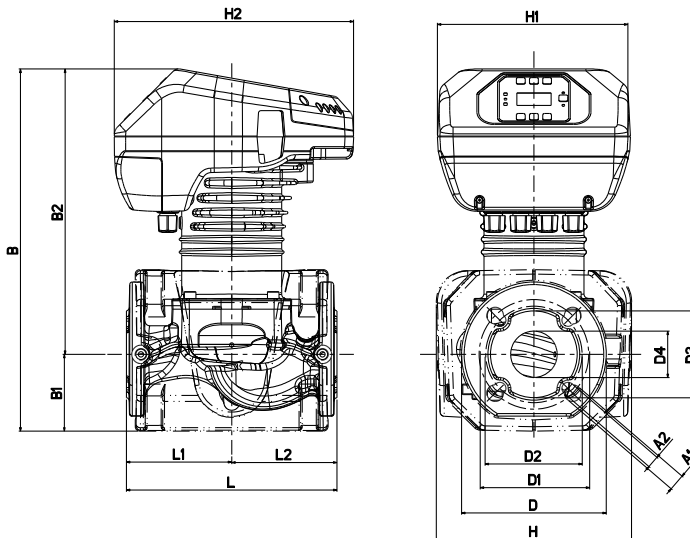


MODEL	L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 40/220.40 M	220	110	110	19	14	419	93	326	150	110	100	84	42	222	220	273	20,8	8
EVOPLUS B 60/220.40 M	220	110	110	19	14	419	93	326	150	110	100	84	42	222	220	273	20,8	8
EVOPLUS B 80/220.40 M	220	110	110	19	14	419	93	326	150	110	100	84	42	222	220	273	20,8	8
EVOPLUS B 100/220.40 M	220	110	110	19	14	419	93	326	150	110	100	84	42	222	220	273	20,8	8

DIMENSIONS AND WEIGHT

EVOPLUS B .../250.40 M


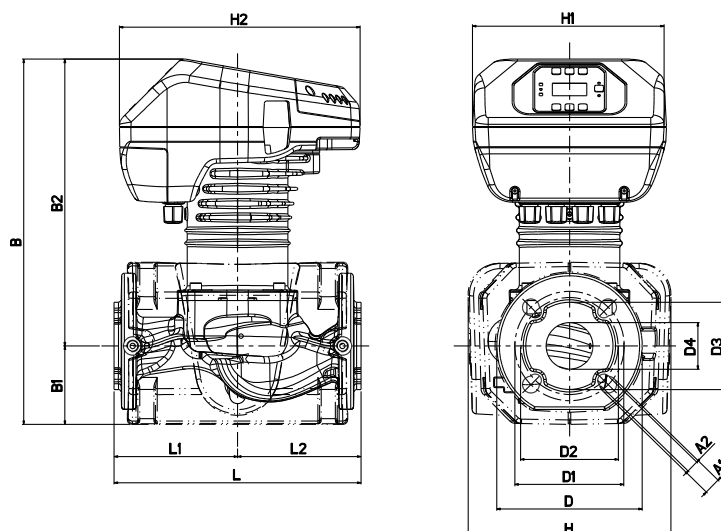
MODEL	L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 120/250.40 M	250	125	125	19	14	419	93	326	150	110	100	84	42	230	220	273	20	8
EVOPLUS B 150/250.40 M	250	125	125	19	14	419	93	326	150	110	100	84	42	230	220	273	20	8
EVOPLUS B 180/250.40 M	250	125	125	19	14	419	93	326	150	110	100	84	42	230	220	273	20	8

EVOPLUS B .../240.50 M


MODEL	L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 40/240.50 M	240	120	120	19	14	413	87	325	165	125	110	99	53	222	220	273	21,4	8
EVOPLUS B 60/240.50 M	240	120	120	19	14	413	87	325	165	125	110	99	53	222	220	273	21,4	8
EVOPLUS B 80/240.50 M	240	120	120	19	14	413	87	325	165	125	110	99	53	222	220	273	21,4	8

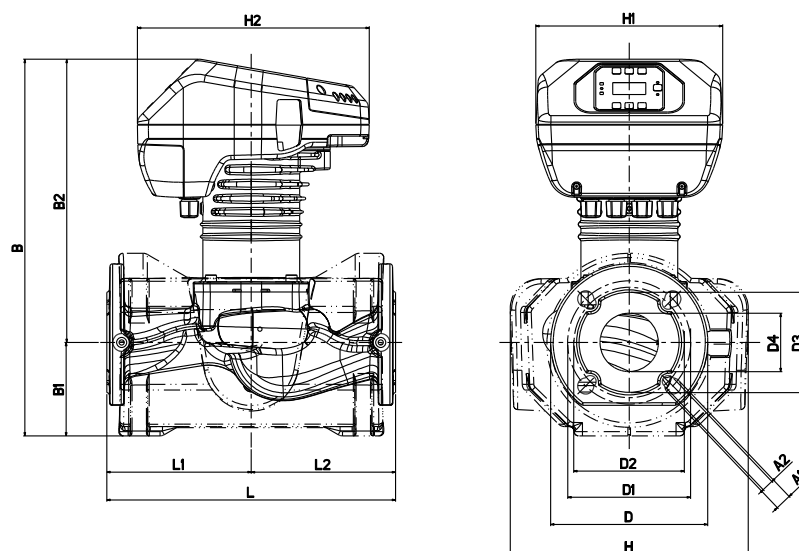
DIMENSIONS AND WEIGHT

EVOPLUS B .../280.50 M



MODEL	L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 100/280.50 M	280	140	140	19	14	413	87	325	165	125	110	99	53	230	220	273	22	8
EVOPLUS B 120/280.50 M	280	140	140	19	14	413	87	325	165	125	110	99	53	230	220	273	21,8	8
EVOPLUS B 150/280.50 M	280	140	140	19	14	413	87	325	165	125	110	99	53	230	220	273	22,8	8
EVOPLUS B 180/280.50 M	280	140	140	19	14	413	87	325	165	125	110	99	53	230	220	273	22,8	8

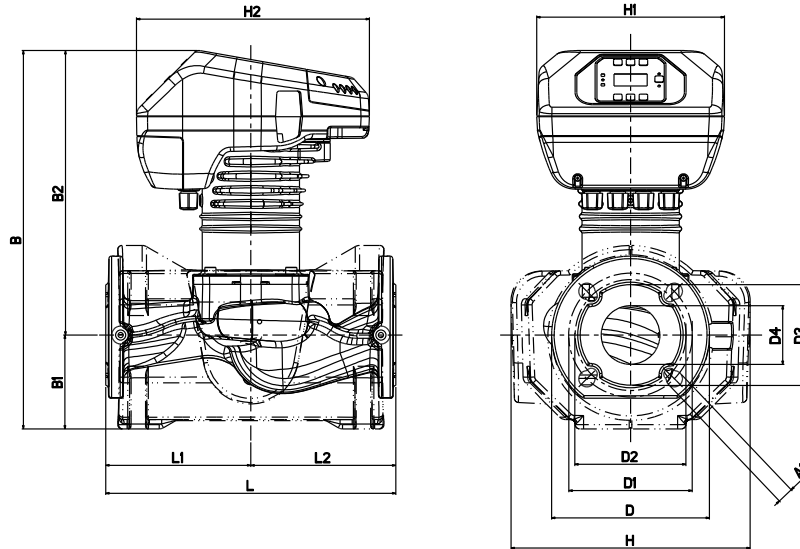
EVOPLUS B .../340.65 M



MODEL	L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 40/340.65 M	340	170	170	19	14	443	110	333	185	145	130	118	69	280	220	273	23,8	8
EVOPLUS B 60/340.65 M	340	170	170	19	14	443	110	333	185	145	130	118	69	280	220	273	23,8	8
EVOPLUS B 80/340.65 M	340	170	170	19	14	443	110	333	185	145	130	118	69	280	220	273	24,6	8
EVOPLUS B 100/340.65 M	340	170	170	19	14	443	110	333	185	145	130	118	69	280	220	273	25	8
EVOPLUS B 120/340.65 M	340	170	170	19	14	443	110	333	185	145	130	118	69	280	220	273	24,6	8
EVOPLUS B 150/340.65 M	340	170	170	19	14	443	110	333	185	145	130	118	69	280	220	273	27	8

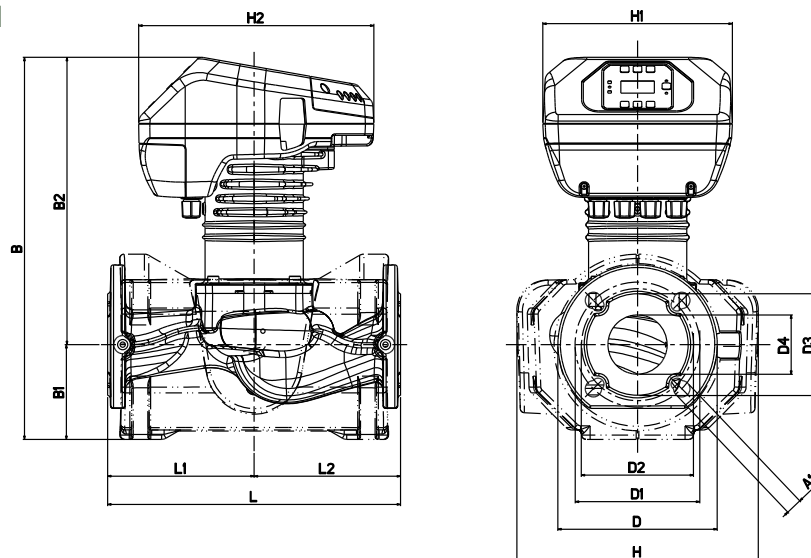
DIMENSIONS AND WEIGHT

EVOPLUS B .../360.80 M



MODEL	L	L1	L2	A1	B	B1	B2	D	D1	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 40/360.80 M	360	180	180	19	446	106	340	200	160	132	80	279	220	273	30,2	8
EVOPLUS B 60/360.80 M	360	180	180	19	446	106	340	200	160	132	80	279	220	273	30,2	8
EVOPLUS B 80/360.80 M	360	180	180	19	446	106	340	200	160	132	80	279	220	273	32	8
EVOPLUS B 100/360.80 M	360	180	180	19	446	106	340	200	160	132	80	279	220	273	32,2	4
EVOPLUS B 120/360.80 M	360	180	180	19	446	106	340	200	160	132	80	279	220	273	32,2	4

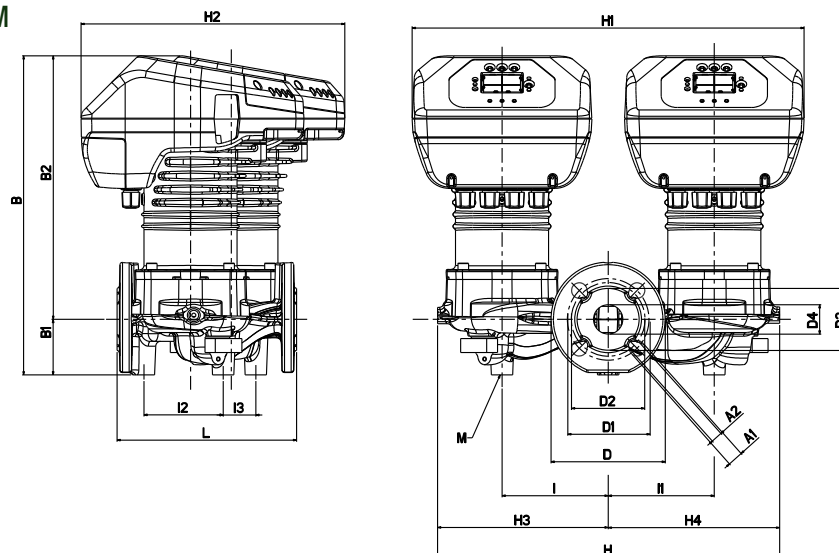
EVOPLUS B .../450.100 M



MODEL	L	L1	L2	A1	B	B1	B2	D	D1	D3	D4	H	H1	H2	WEIGHT Kg	Q.TY x PALLET
EVOPLUS B 40/450.100 M	450	225	225	19	463	110	353	220	180	156	105	292	220	273	37,5	4
EVOPLUS B 60/450.100 M	450	225	225	19	463	110	353	220	180	156	105	292	220	273	37,5	4
EVOPLUS B 80/450.100 M	450	225	225	19	463	110	353	220	180	156	105	292	220	273	36,6	4
EVOPLUS B 100/450.100 M	450	225	225	19	463	110	353	220	180	156	105	292	220	273	36,8	4
EVOPLUS B 120/450.100 M	450	225	225	19	463	110	353	220	180	156	105	292	220	273	36,3	4

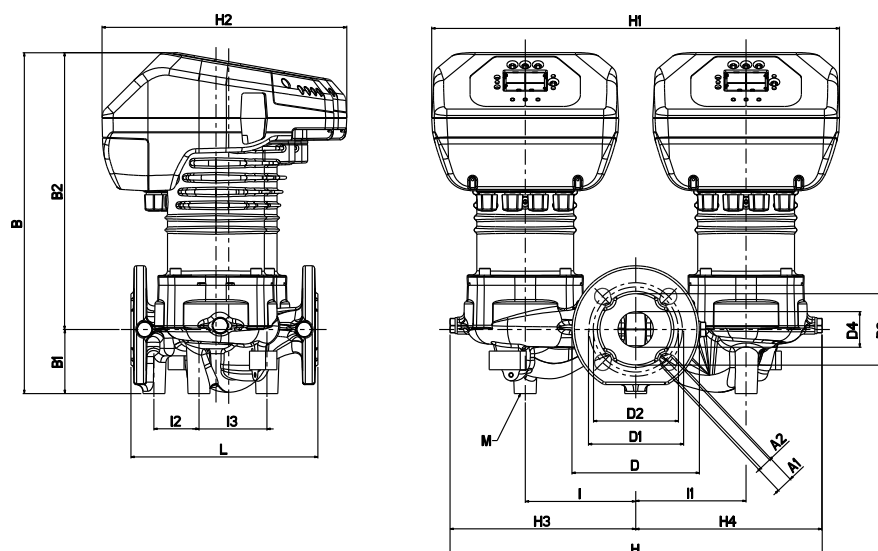
DIMENSIONS AND WEIGHT

EVOPLUS D 120/220.32 M



MODEL	L	A1	A2	B	B1	B2	D	D1	D2	D3	D4	I	I1	I2	I3	M	H	H1	H2	H3	H4	WEIGHT Kg	Q.TY x PALLET
EVOPLUS D 120/220.32 M	220	19	14	391	68	323	140	100	90	76	36	130	130	97	40	M12	419	480	323	209	210	36,2	4

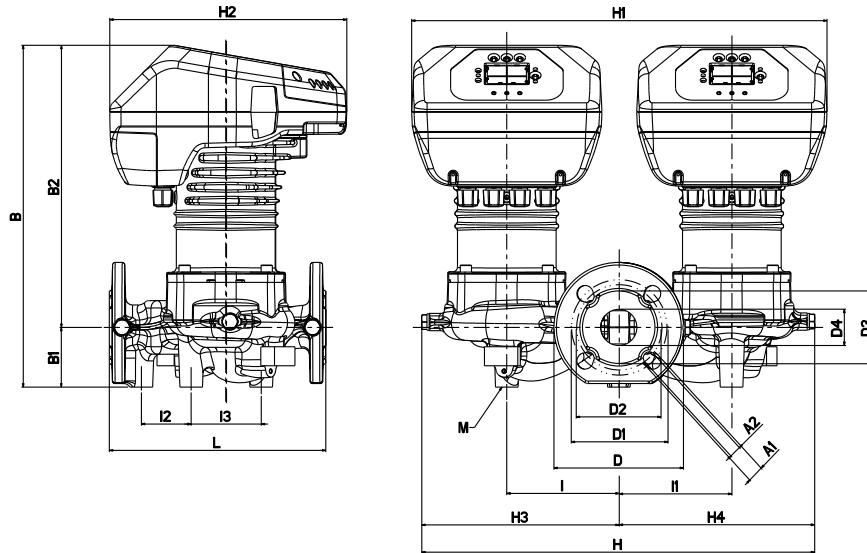
EVOPLUS D .../220.40 M



MODEL	L	A1	A2	B	B1	B2	D	D1	D2	D3	D4	I	I1	I2	I3	M	H	H1	H2	H3	H4	WEIGHT Kg	Q.TY x PALLET
EVOPLUS D 40/220.40 M	220	19	14	436	75	361	150	110	100	84	42	130	130	53	80	M12	438	480	288	219	218	38,6	4
EVOPLUS D 60/220.40 M	220	19	14	436	75	361	150	110	100	84	42	130	130	53	80	M12	438	480	288	219	218	38,6	4
EVOPLUS D 80/220.40 M	220	19	14	436	75	361	150	110	100	84	42	130	130	53	80	M12	438	480	288	219	218	38,6	4
EVOPLUS D 100/220.40 M	220	19	14	436	75	361	150	110	100	84	42	130	130	53	80	M12	438	480	288	219	218	38,6	4

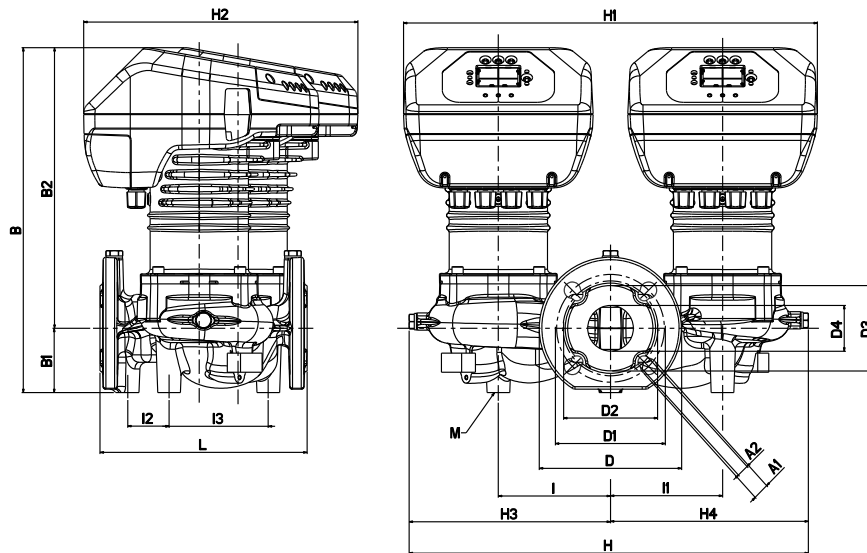
DIMENSIONS AND WEIGHT

EVOPLUS D .../250.40 M



MODEL	L	A1	A2	B	B1	B2	D	D1	D2	D3	D4	I	I1	I2	I3	M	H	H1	H2	H3	H4	WEIGHT Kg	Q.TY x PALLET
EVOPLUS D 120/250.40 M	250	19	14	395	69	326	150	110	100	84	42	130	130	58	81	M12	454	480	274	228	226	38,8	4
EVOPLUS D 150/250.40 M	250	19	14	395	69	326	150	110	100	84	42	130	130	58	81	M12	454	480	274	228	226	38,8	4
EVOPLUS D 180/250.40 M	250	19	14	395	69	326	150	110	100	84	42	130	130	58	81	M12	454	480	274	228	226	38,8	4

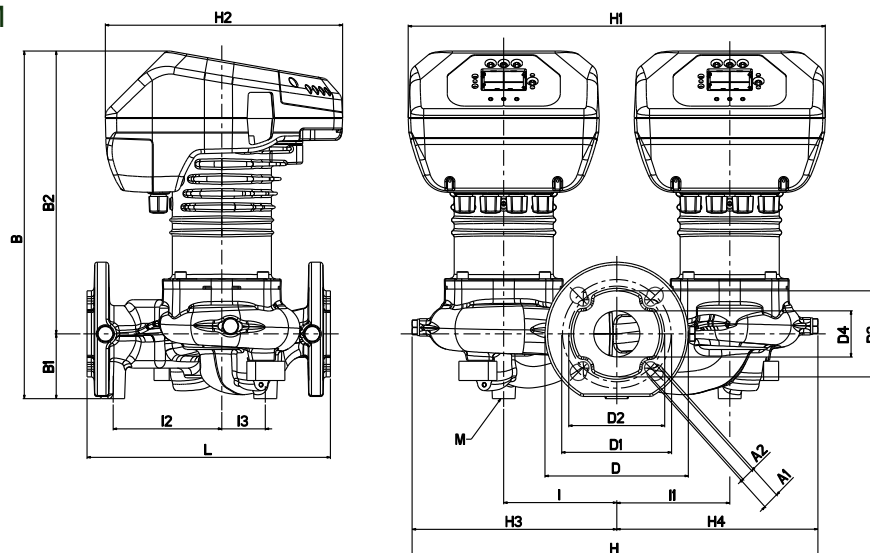
EVOPLUS D .../240.50 M



MODEL	L	A1	A2	B	B1	B2	D	D1	D2	D3	D4	I	I1	I2	I3	M	H	H1	H2	H3	H4	WEIGHT Kg	Q.TY x PALLET
EVOPLUS D 40/240.50 M	240	19	14	400	75	325	165	125	110	99	53	130	130	48	115	M12	463	480	318	233	230	40	4
EVOPLUS D 60/240.50 M	240	19	14	400	75	325	165	125	110	99	53	130	130	48	115	M12	463	480	318	233	230	40	4
EVOPLUS D 80/240.50 M	240	19	14	400	75	325	165	125	110	99	53	130	130	48	115	M12	463	480	318	233	230	40	4

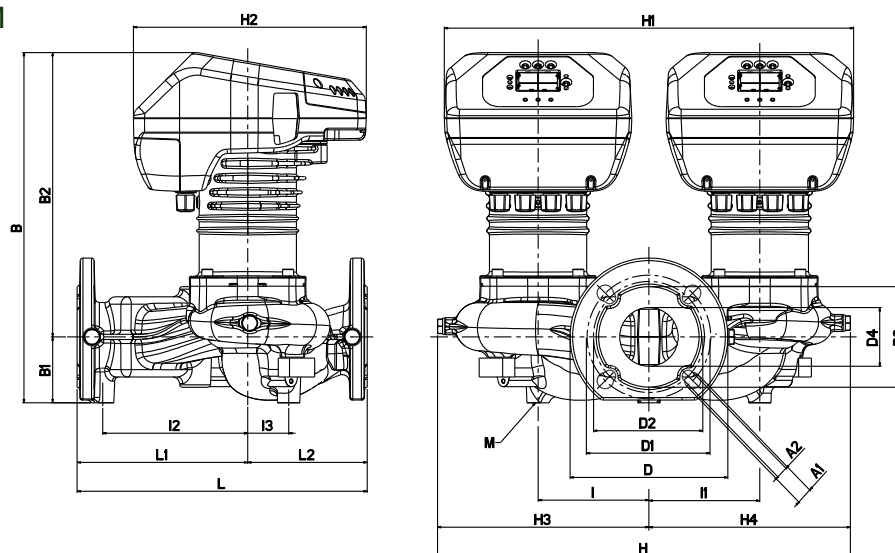
DIMENSIONS AND WEIGHT

EVOPLUS D .../280.50 M



MODEL	L	A1	A2	B	B1	B2	D	D1	D2	D3	D4	I	I1	I2	I3	M	H	H1	H2	H3	H4	WEIGHT Kg	Q.TY x PALLET
EVOPLUS D 100/280.50 M	280	19	14	400	75	325	165	125	110	99	53	130	130	125	50	M12	467	480	273	235	232	39,4	4
EVOPLUS D 120/280.50 M	280	19	14	400	75	325	165	125	110	99	53	130	130	125	50	M12	467	480	273	235	232	39,6	4
EVOPLUS D 150/280.50 M	280	19	14	400	75	325	165	125	110	99	53	130	130	125	50	M12	467	480	273	235	232	41,6	4
EVOPLUS D 180/280.50 M	280	19	14	400	75	325	165	125	110	99	53	130	130	125	50	M12	467	480	273	235	232	41,6	4

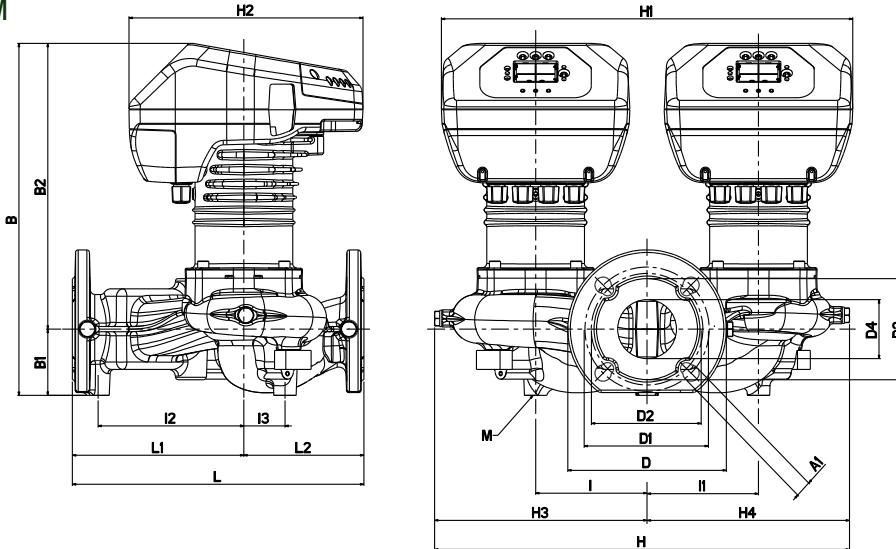
EVOPLUS D .../340.65 M



MODEL	L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3	D4	I	I1	I2	I3	M	H	H1	H2	H3	H4	WEIGHT Kg	Q.TY x PALLET
EVOPLUS D 40/340.65 M	340	200	140	19	14	411	77	334	185	145	130	118	69	130	130	170	48	M12	484	480	273	248	236	43,4	4
EVOPLUS D 60/340.65 M	340	200	140	19	14	411	77	334	185	145	130	118	69	130	130	170	48	M12	484	480	273	248	236	43,4	4
EVOPLUS D 80/340.65 M	340	200	140	19	14	411	77	334	185	145	130	118	69	130	130	170	48	M12	484	480	273	248	236	43,4	4
EVOPLUS D 100/340.65 M	340	200	140	19	14	411	77	334	185	145	130	118	69	130	130	170	48	M12	484	480	273	248	236	44,8	4
EVOPLUS D 120/340.65 M	340	200	140	19	14	411	77	334	185	145	130	118	69	130	130	170	48	M12	484	480	273	248	236	45	4
EVOPLUS D 150/340.65 M	340	200	140	19	14	411	77	334	185	145	130	118	69	130	130	170	48	M12	484	480	273	248	236	49,4	4

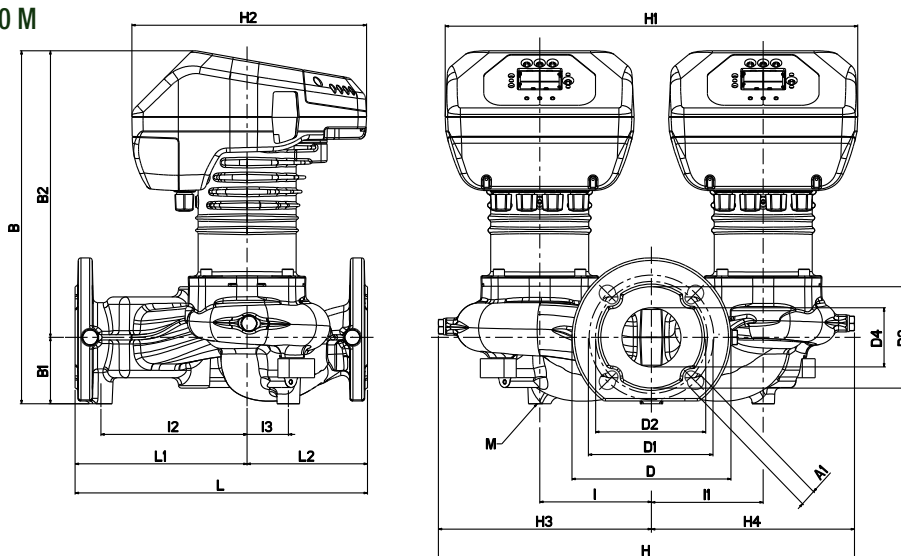
DIMENSIONS AND WEIGHT

EVOPLUS D .../360.80 M



MODEL	L	L1	L2	A1	B	B1	B2	D	D1	D3	D4	I	I1	I2	I3	M	H	H1	H2	H3	H4	WEIGHT Kg	Q.TY x PALLET
EVOPLUS D 40/360.80 M	360	200	160	19	437	96	341	200	160	132	80	130	130	160	58	M12	515	480	273	262	253	52	4
EVOPLUS D 60/360.80 M	360	200	160	19	437	96	341	200	160	132	80	130	130	160	58	M12	515	480	273	262	253	52	4
EVOPLUS D 80/360.80 M	360	200	160	19	437	96	341	200	160	132	80	130	130	160	58	M12	515	480	273	262	253	57	4
EVOPLUS D 100/360.80 M	360	200	160	19	437	96	341	200	160	132	80	130	130	160	58	M12	515	480	273	262	253	56	4
EVOPLUS D 120/360.80 M	360	200	160	19	437	96	341	200	160	132	80	130	130	160	58	M12	515	480	273	262	253	56,4	4

EVOPLUS D .../450.100 M



MODEL	L	L1	L2	A1	B	B1	B2	D	D1	D3	D4	I	I1	I2	I3	M	H	H1	H2	H3	H4	WEIGHT Kg	Q.TY x PALLET
EVOPLUS D 40/450.100 M	450	260	190	19	456	103	353	220	180	156	105	135	135	200	43	12	517	490	273	265	252	67,8	4
EVOPLUS D 60/450.100 M	450	260	190	19	456	103	353	220	180	156	105	135	135	200	43	12	517	490	273	265	252	67,8	4
EVOPLUS D 80/450.100 M	450	260	190	19	456	103	353	220	180	156	105	135	135	200	43	12	517	490	273	265	252	68	4
EVOPLUS D 100/450.100 M	450	260	190	19	456	103	353	220	180	156	105	135	135	200	43	12	517	490	273	265	252	68	2
EVOPLUS D 120/450.100 M	450	260	190	19	456	103	353	220	180	156	105	135	135	200	43	12	517	490	273	265	252	67,8	2