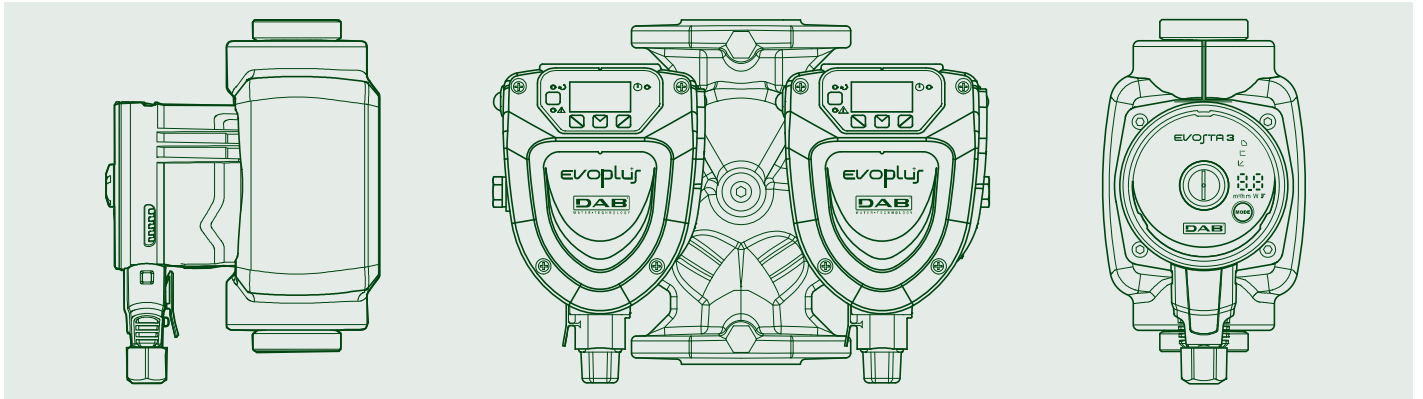


ErP
ready

CIRCULATORS



TECHNICAL CATALOGUE

EVOPLUS / EVOPLUS SAN

WET ROTOR ELECTRONIC CIRCULATORS

EVOPLUS CONSTRUCTION CHARACTERISTICS COLLECTIVE SYSTEMS (ELECTRONIC DEVICE)*

EVOPLUS circulators are controlled by a latest generation NPT technology IGBT device, for better efficiency and strength. The specific features are:

- Sine-wave PWM modulation
- High carrier frequency to eliminate all audio band noise
- 2 dedicated 32 bit processors
one for driving the motor

one for the user interface, enabling to perform the following functions:

- start/stop command
- Economy command
- 0-10 V analogue signal command
- PWM signal command
- 4-20 mA analogue signal command
- ΔT temperature sensor signal command
- connection to ModBus system management devices. Optional LonBus with appropriate module.

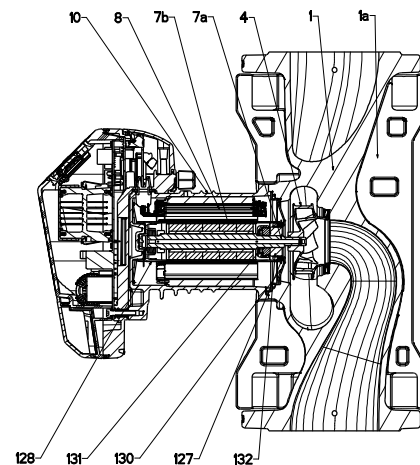
- Optimised "space vector" algorithm
- Presence/absence of system alarms
- Pump in operation notification

* **Inputs only available if the associated function is active.**

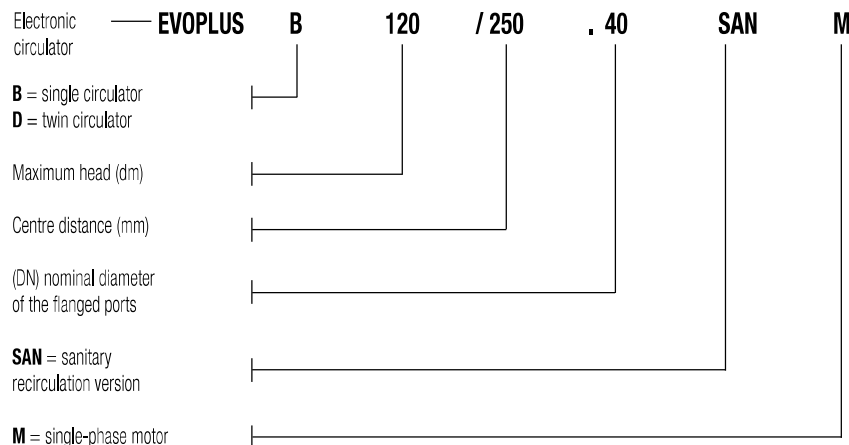
An intuitive and functional user interface guarantees ease of calibration by all users. The easy to read OLED display on the control panel, three simple navigation keys, an in-line cascade menu featuring the latest mobile technology trends, and a wide range of functions, mean that EVOPLUS circulators are truly revolutionary products. A reliable and sturdy construction, together with a modern and innovative design, complete the product, also in terms of aesthetic value.

MATERIALS

N.	PARTS	MATERIALS
1	PUMP BODY	CAST IRON 250 UNI ISO 185 - CTF BRONZE (for the SAN version)
4	IMPELLER	TECHNOPOLYMER
7A	MOTOR SHAFT	STAINLESS STEEL
7B	ROTOR	STAINLESS STEEL LINER
8	STATOR	-
10	MOTOR CASING	DIE-CAST ALUMINIUM
127	SEAL RING	EPDM RUBBER
128	STATOR LINER	COMPOSITE AND CARBON FIBRE
130	CLOSING FLANGE	STAINLESS STEEL
131	THRUST RING SUPPORT	STAINLESS STEEL
132	BUSHINGS	ALLUMINA



- Legend: (example)



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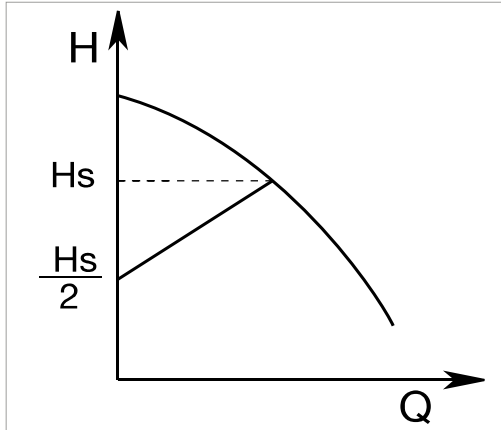
WET ROTOR ELECTRONIC CIRCULATORS

MODES OF OPERATION

All the functions listed below can be consulted by the users (including less experienced ones) by simply scrolling through the menu. The calibration and the modification of the parameters are protected, and can only be completed by expert users. The factory settings of the EVOPLUS range are for proportional differential pressure control mode in the curve that ensures the best energy efficiency index (EEI).

1 - ΔP -v proportional differential pressure adjustment mode

With ΔP -v adjustment mode, with the variation of the flow rate, the value of the delivery of the head also varies in a linear manner, from H_{setp} to $H_{setp}/2$.



This adjustment is particularly indicated for the following systems:

a. Two-pipe heating systems with thermostat valves and with:

- head greater than 4 metres;
- very long circuit piping;
- valves with wide operating range;
- differential pressure regulators;
- high pressure drops in those parts of the system carrying the entirety of the water flow rate;
- low differential pressure.

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

c. Systems with primary circuit pumps with high pressure drops.

Example of set-up of the set-point with ΔP -v

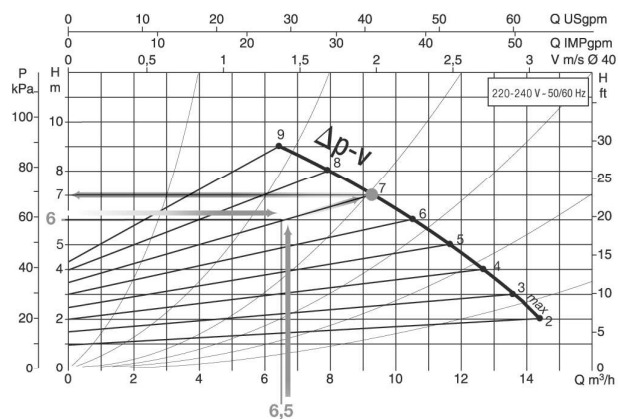
The following operating point is required:

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

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

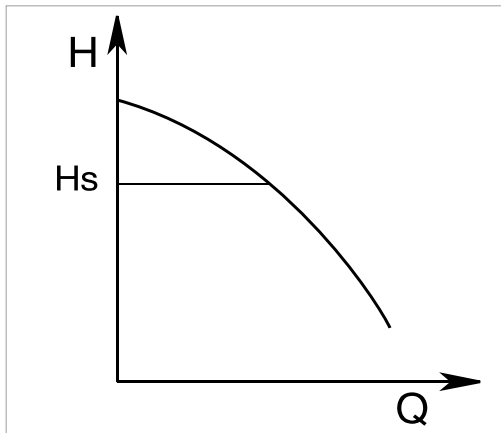
PROCEDURE:

1. In the graph, find the desired operating point, and then find the EVOPLUS curve closest to it (in this case the point lies precisely on the curve)
2. Follow the curve upwards until reaching the intersection with the limit curve of the circulator.
3. The head reading at this limit point is the set-point head that must be entered to obtain the desired operating point.



2 - ΔP -c constant differential pressure adjustment mode

The ΔP -c adjustment mode keeps the differential pressure of the system constantly at the H_{setp} value set, even in case of variation of the flow rate.



This adjustment is particularly indicated for the following systems:

a. Two-pipe heating systems with thermostat valves and with:

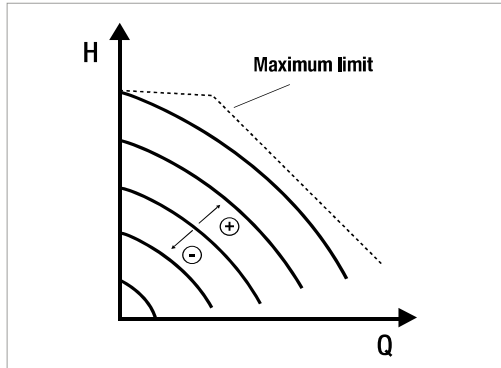
- head lower than 2 metres;
- natural circulation;
- low pressure drops in those parts of the system carrying the entirety of the water flow rate;
- high differential temperature (central heating).

b. underfloor heating systems with thermostat valves

c. single-pipe heating systems with thermostat valves and calibration valves

d. Systems with primary circuit pumps with low pressure drops.

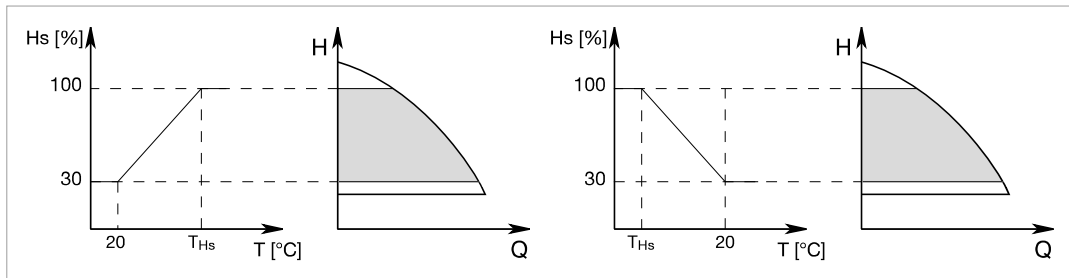
3 - Constant curve adjustment modes



In this control mode, the circulator works based on constant speed characteristic curves. The operation curve is selected by setting the rotation speed using a percentage factor. The 100 % value indicates the maximum limit curve. The actual rotation speed may be affected by the power and differential pressure limitations of the actual circulator model. The rotation speed may be set using the display, or either a 0-10 V or PWM external signal.

Control mode indicated for constant flow rate heating and air conditioning systems.

4 - Constant differential pressure control mode with proportional control based on the water temperature

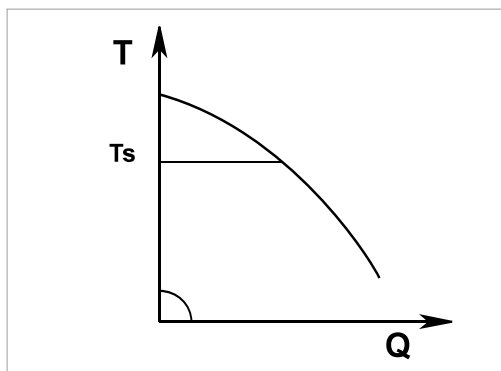


The circulator head set-point is reduced in accordance with the water temperature. The liquid temperature can be set between 0 °C to 100 °C.

This adjustment is particularly indicated for the following systems:

- in variable flow rate systems (two-pipe central heating systems), for which a further reduction of the circulator performance levels is provided in accordance with the lowering of the temperature of the circulating liquid, in case of reduced heating demand.
- in constant flow rate systems (single-pipe and under-floor central heating systems), where the performance of the circulator can only be adjusted by activating the temperature influence function. It is set through the EVOPLUS control panel.

5 - ΔT -c * constant differential temperature adjustment mode



The ΔT -c control mode keeps the pumped liquid at constant temperature, changing the flow rate to the Tsetp settable value.

This adjustment is particularly indicated for the following systems:

- Under-floor heating systems.
- Systems with circuit pumps with heat exchanger.
- Solar energy systems with storage tanks.
- Solar panel swimming pool heating systems.

* Adjustment during implementation.

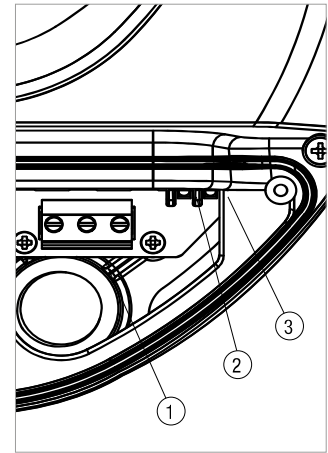
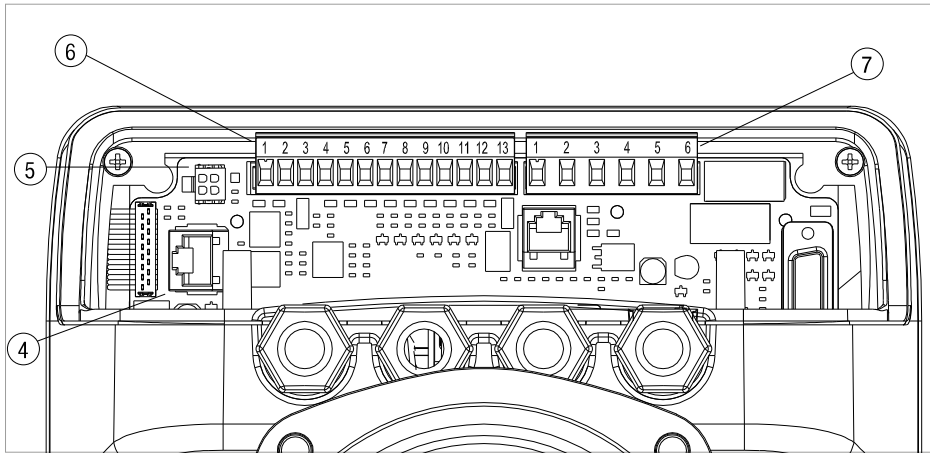
ECONOMY MODE

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

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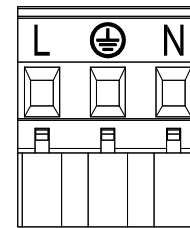
WET ROTOR ELECTRONIC CIRCULATORS

CONNECTION DIAGRAM



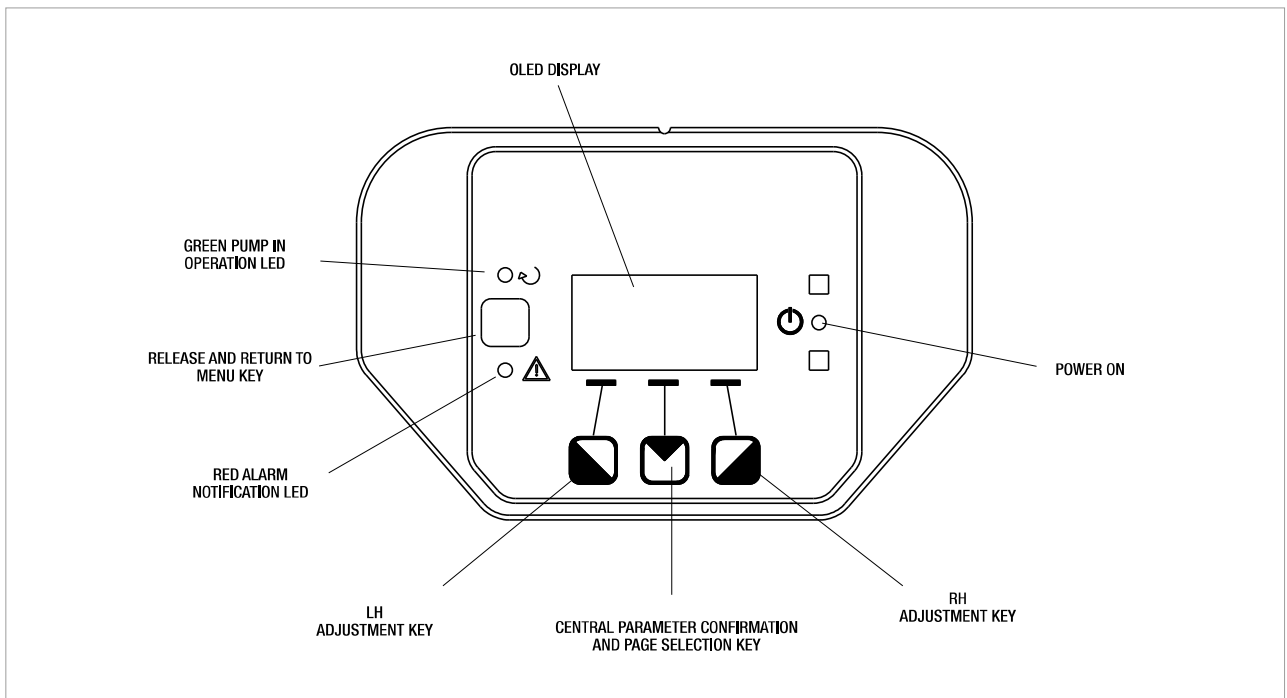
1	Removable terminal box for the connection of the power input line: 1x220-240 V, 50/60 Hz
2	Auxiliary LED
3	High voltage LED
4	Connector for twin circulators
5	Connector for pressure and temperature sensor on the circulator (as standard)
6	Removable 13-pole terminal box for the connection of MODBUS systems and inputs
7	Removable 6-pole terminal box for system status and alarm notification

POWER INPUT CONNECTION



Removable power input terminal box

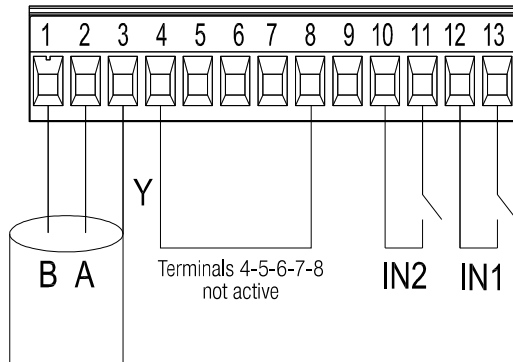
USER INTERFACE



EVOPLUS / EVOPLUS SAN

WET ROTOR ELECTRONIC CIRCULATORS

Digital inputs



Input	Terminal no.	Type of contact	Associated function
IN1	12	Clean contact	EXT: If it is activated from the control panel, it will be possible to remotely control the switching on and off of the pump.
	13		
IN2	10	Clean contact	Economy: If it is activated from the control panel, it will be possible to remotely activate the set-point reduction function.
	11		

If the **EXT** and **Economy** functions have been activated using the control panel, the system will behave as follows:

IN1	IN2	System status
Open	Open	Pump stopped
Open	Close	Pump stopped
Close	Open	Pump in operation with set-point set by the user
Close	Close	Pump in operation with reduced set-point

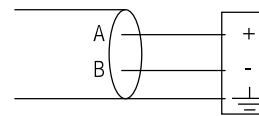
MODBUS

EVOPLUS circulators provide serial communication through an RS-485 input. The communication is established in accordance with the MODBUS specifications. Using the MODBUS, it is possible to remotely set the circulator operating parameters, like the desired differential pressure, the temperature influence, the control mode, etc. At the same time, the circulator can provide important information on the status of the system.

Modbus terminals	Terminal no.	Description
A	2	Terminal not inverted (+)
B	1	Terminal inverted (+)
Y	3	GND

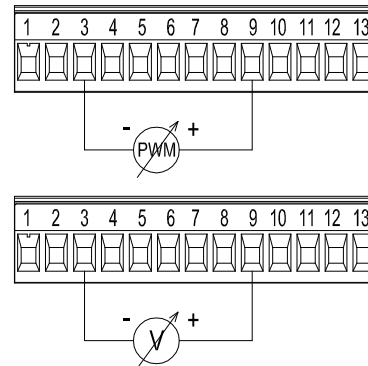
LONBUS

Using some modules available on the market, the circulator, and therefore its status, can also be made available to a LonWorks network. It will then be possible to change the parameters of the circulator by reading and amending the registers as indicated in the "Modbus Protocol instruction manual", available at the following address: "<http://www.dabpumps.it/evoplus>".



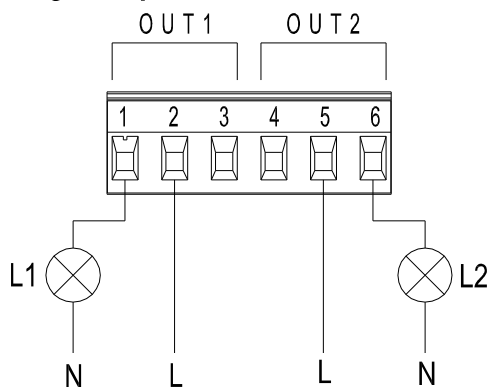
Gateway/ Evoplus connection

ANALOGUE AND PWM INPUT



Connection diagram for the external 0-10 V and PWM signals. The 2 signals share the same terminals of the terminal box, and therefore are mutually exclusive.

Digital outputs



Light L1 comes on when the system includes an alarm, and goes off when no faults are detected, while light L2 comes on when the pump is in operation, and goes off when the pump is stopped.

OUTPUT	TERMINAL NO.	TYPE OF CONTACT	ASSOCIATED FUNCTION
OUT1	1	NC	Presence/absence of system alarms
	2	COM	
	3	NO	
OUT2	4	NC	Pump in operation/Pump stopped
	5	COM	
	6	NO	

Outputs OUT1 and OUT2 are available on the 6-pole removable terminal box, where the type of contact is also shown (NC = Normally Closed, COM = Common, NO = Normally Open).

CHARACTERISTICS OF THE OUTPUT CONTACTS	
Max sustainable voltage [V]	250
Max sustainable current [A]	5 - If resistive load 2,5 - If inductive load
Max cable section accepted [mm ²]	1,5

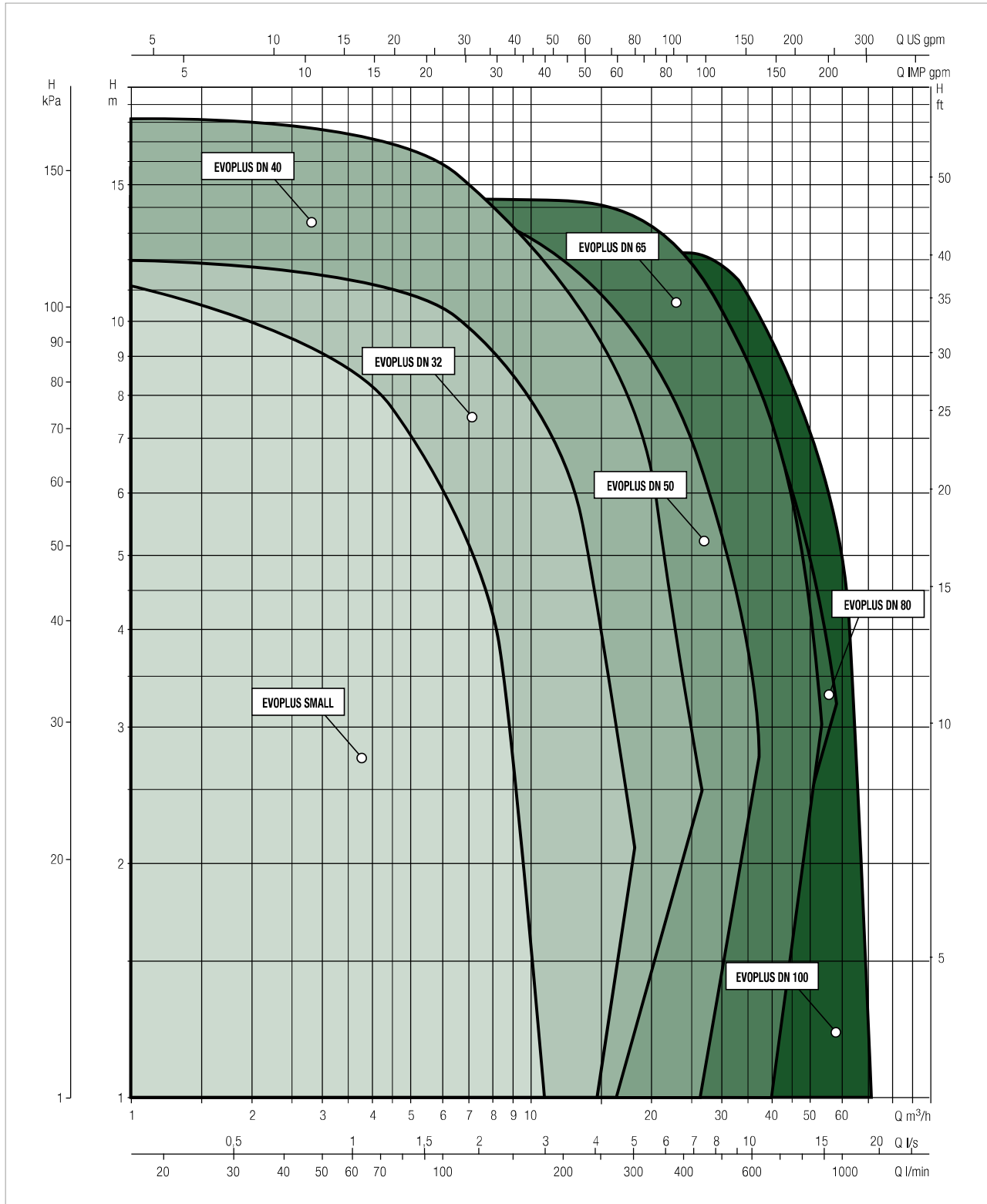
EVOPLUS RANGE

WET ROTOR ELECTRONIC CIRCULATORS

PERFORMANCE RANGE

The performance curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906.

GRAPHIC SELECTION TABLE



EVOPLUS / EVOPLUS SAN

WET ROTOR ELECTRONIC CIRCULATORS

WET ROTOR ELECTRONIC CIRCULATORS

SELECTION TABLE - EVOPLUS

MODEL	Q=m ³ h	0	4,2	5,4	7,2	9,6	12	14,4	18	24	30	36	42	54	72	
	Q=l/min	0	70	90	120	160	200	240	300	400	500	600	700	900	1200	
EVOPLUS B 120/220.32 M	H (m)	12,1	11,5	10,7	9,5	7,9	6,3	4,7	2,2							
EVOPLUS B 40/220.40 M		4	3,6	3,1	2,5	1,7										
EVOPLUS B 60/220.40 M		6		5,9	5,1	4,1	3	2								
EVOPLUS B 80/220.40 M		8		7,9	7,4	6,1	5	3,7	2							
EVOPLUS B 100/220.40 M		10			9,7	8,3	7	5,5	3,5							
EVOPLUS B 120/250.40 M		12			11,5	10,1	8,7	7,3	5,2							
EVOPLUS B 150/250.40 M		15			14,5	12,8	11,3	9,7	7,5	3,8						
EVOPLUS B 180/250.40 M		18		16,2	14,6	13	11,2	9,6	7,4	3,9						
EVOPLUS B 40/240.50 M		4		3,9	3,6	3,1	2,6	2,1	1,4							
EVOPLUS B 60/240.50 M		6				5,4	4,7	4	3,2	1,6						
EVOPLUS B 80/240.50 M		8			7,4	6,6	5,9	5,2	4,2	2,6						
EVOPLUS B 100/280.50 M		10			9,4	8,4	7,5	6,7	5,5	3,6	2					
EVOPLUS B 120/280.50 M		12			11	9,9	9	8,2	6,9	4,8	3					
EVOPLUS B 150/280.50 M		15,3			12,4	11,5	10,6	9,6	8,3	6,2	4,2					
EVOPLUS B 180/280.50 M		17,1			14	13	12	11,1	9,7	7,4	5,2	3,1				
EVOPLUS B 40/340.65 M		4			4	3,8	3,4	3	2,4	1,4						
EVOPLUS B 60/340.65 M		6				6	5,9	5,4	4,7	3,7	2,2					
EVOPLUS B 80/340.65 M		8				7,8	7,4	6,8	5,9	4,6	3,5	2				
EVOPLUS B 100/340.65 M		10,1				9,8	9,1	8,4	7,6	6,1	4,7	3,1				
EVOPLUS B 120/340.65 M		12				11,5	10,8	10	9	7,4	5,9	4,6	2,8			
EVOPLUS B 150/340.65 M		15,2					14,9	14,7	14	12,1	10,3	8,5	6,9			
EVOPLUS B 40/360.80 M		4							4	3,1	2,2	1,4				
EVOPLUS B 60/360.80 M		6							6	5,2	4	3	2			
EVOPLUS B 80/360.80 M		8							8	6,7	5,4	4,2	3,2			
EVOPLUS B 100/360.80 M		10								9,7	8,3	6,7	5,4	3		
EVOPLUS B 120/360.80 M		12,1								11,6	9,9	8,3	6,8	4,1		
EVOPLUS B 40/450.100 M		4									3,9	3	2			
EVOPLUS B 60/450.100 M		6									5,7	4,7	3,6	1,3		
EVOPLUS B 80/450.100 M		8									8	7,2	5,7	3,4		
EVOPLUS B 100/450.100 M		10,1									10,1	9,2	7,6	4,9	0,7	
EVOPLUS B 120/450.100 M		12,2									11,8	10,4	8,7	5,9	1,5	

EVOPLUS / EVOPLUS SAN

WET ROTOR ELECTRONIC CIRCULATORS

WET ROTOR ELECTRONIC CIRCULATORS

SELECTION TABLE - EVOPLUS

MODEL	Q=m ³ h	0	4,2	5,4	7,2	9,6	12	14,4	18	24	30	36	42	54	72	
	Q=l/min	0	70	90	120	160	200	240	300	400	500	600	700	900	1200	
EVOPLUS D 120/220.32 M	H (m)	12,1	11,5	10,7	9,5	7,9	6,3	4,7	2,2							
EVOPLUS D 40/220.40 M		4	3,6	3,1	2,5	1,7										
EVOPLUS D 60/220.40 M		6		5,9	5,1	4,1	3	2								
EVOPLUS D 80/220.40 M		8		7,9	7,4	6,1	5	3,7	2							
EVOPLUS D 100/220.40 M		10			9,7	8,3	7	5,5	3,5							
EVOPLUS D 120/250.40 M		12			11,5	10,1	8,7	7,3	5,2							
EVOPLUS D 150/250.40 M		15			14,5	12,8	11,3	9,7	7,5	3,8						
EVOPLUS D 180/250.40 M		18		16,2	14,6	13	11,2	9,6	7,4	3,9						
EVOPLUS D 40/240.50 M		4		3,9	3,6	3,1	2,6	2,1	1,4							
EVOPLUS D 60/240.50 M		6				5,4	4,7	4	3,2	1,6						
EVOPLUS D 80/240.50 M		8			7,4	6,6	5,9	5,2	4,2	2,6						
EVOPLUS D 100/280.50 M		10			9,4	8,4	7,5	6,7	5,5	3,6	2					
EVOPLUS D 120/280.50 M		12			11	9,9	9	8,2	6,9	4,8	3					
EVOPLUS D 150/280.50 M		15,3			12,4	11,5	10,6	9,6	8,3	6,2	4,2					
EVOPLUS D 180/280.50 M		17,1			14	13	12	11,1	9,7	7,4	5,2	3,1				
EVOPLUS D 40/340.65 M		4			4	3,8	3,4	3	2,4	1,4						
EVOPLUS D 60/340.65 M		6				6	5,9	5,4	4,7	3,7	2,2					
EVOPLUS D 80/340.65 M		8				7,8	7,4	6,8	5,9	4,6	3,5	2				
EVOPLUS D 100/340.65 M		10,1				9,8	9,1	8,4	7,6	6,1	4,7	3,1				
EVOPLUS D 120/340.65 M		12				11,5	10,8	10	9	7,4	5,9	4,6	2,8			
EVOPLUS D 150/340.65 M		15,2					14,9	14,7	14	12,1	10,3	8,5	6,9			
EVOPLUS D 40/360.80 M		4							4	3,1	2,2	1,4				
EVOPLUS D 60/360.80 M		6							6	5,2	4	3	2			
EVOPLUS D 80/360.80 M		8							8	6,7	5,4	4,2	3,2			
EVOPLUS D 100/360.80 M		10								9,7	8,3	6,7	5,4	3		
EVOPLUS D 120/360.80 M		12,1								11,6	9,9	8,3	6,8	4,1		
EVOPLUS D 40/450.100 M		4									3,9	3	2			
EVOPLUS D 60/450.100 M		6									5,7	4,7	3,6	1,3		
EVOPLUS D 80/450.100 M		8									8	7,2	5,7	3,4		
EVOPLUS D 100/450.100 M		10,1									10,1	9,2	7,6	4,9	0,7	
EVOPLUS D 120/450.100 M		12,2									11,8	10,4	8,7	5,9	1,5	

EVOPLUS / EVOPLUS SAN

WET ROTOR ELECTRONIC CIRCULATORS

WET ROTOR ELECTRONIC CIRCULATORS

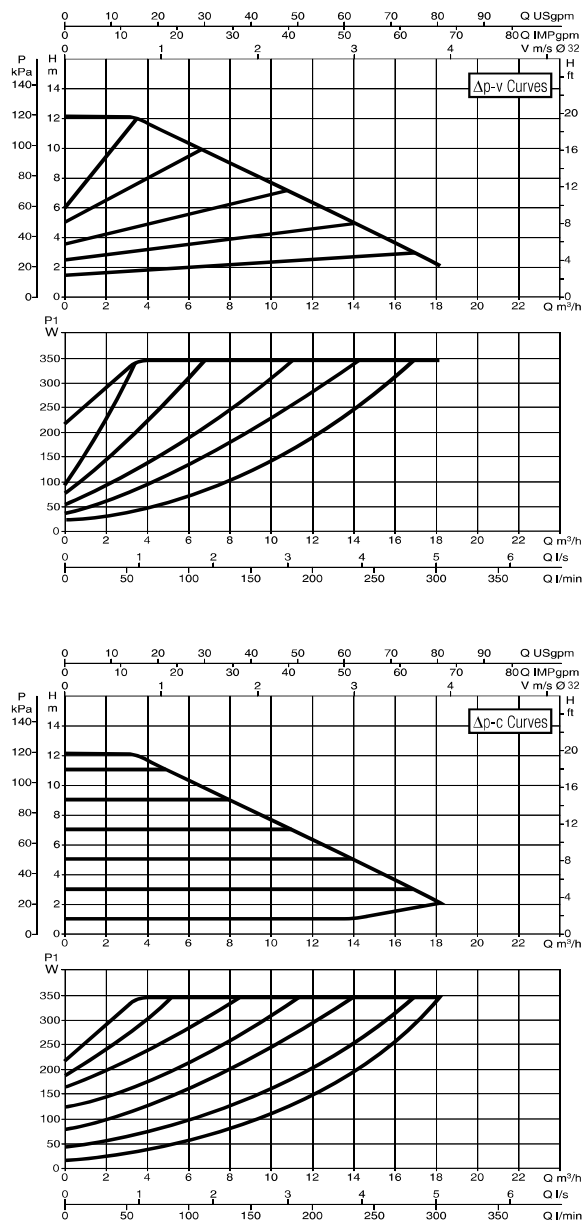
SELECTION TABLE - EVOPLUS SAN

MODEL	Q=m ³ h	0	4,2	5,4	7,2	9,6	12	14,4	18	24	30	36	42	54	72
	Q=l/min	0	70	90	120	160	200	240	300	400	500	600	700	900	1200
EVOPLUS B 120/220.32 SAN M		12,1	11,5	10,7	9,5	7,9	6,3	4,7	2,2						
EVOPLUS B 120/250.40 SAN M		12			11,5	10,1	8,7	7,3	5,2						
EVOPLUS B 150/250.40 SAN M		15			14,5	12,8	11,3	9,7	7,5	3,8					
EVOPLUS B 180/250.40 SAN M		18		16,2	14,6	13	11,2	9,6	7,4	3,9					
EVOPLUS B 100/280.50 SAN M		10			9,4	8,4	7,5	6,7	5,5	3,6	2				
EVOPLUS B 120/280.50 SAN M		12			11	9,9	9	8,2	6,9	4,8	3				
EVOPLUS B 150/280.50 SAN M		15,3			12,4	11,5	10,6	9,6	8,3	6,2	4,2				
EVOPLUS B 180/280.50 SAN M		17,1			14	13	12	11,1	9,7	7,4	5,2	3,1			
EVOPLUS B 40/340.65 SAN M		4			4	3,8	3,4	3	2,4	1,4					
EVOPLUS B 60/340.65 SAN M		6				6	5,9	5,4	4,7	3,7	2,2				
EVOPLUS B 80/340.65 SAN M		8				7,8	7,4	6,8	5,9	4,6	3,5	2			
EVOPLUS B 100/340.65 SAN M		10,1				9,8	9,1	8,4	7,6	6,1	4,7	3,1			
EVOPLUS B 120/340.65 SAN M		12				11,5	10,8	10	9	7,4	5,9	4,6	2,8		
EVOPLUS B 150/340.65 SAN M		15,2					14,9	14,7	14	12,1	10,3	8,5	6,9		

EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

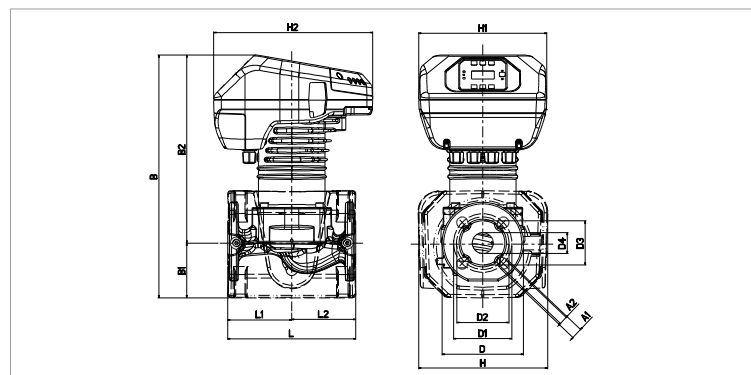
EVOPLUS B 120/220.32 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS B 120/220.32 M	220	DN32 PN 6	220/240 V	340	1,7	EEI ≤ 0,22	m.c.w.	20	25	24

The parameter of reference for the more efficient circulators is EEI ≤ 0,20.

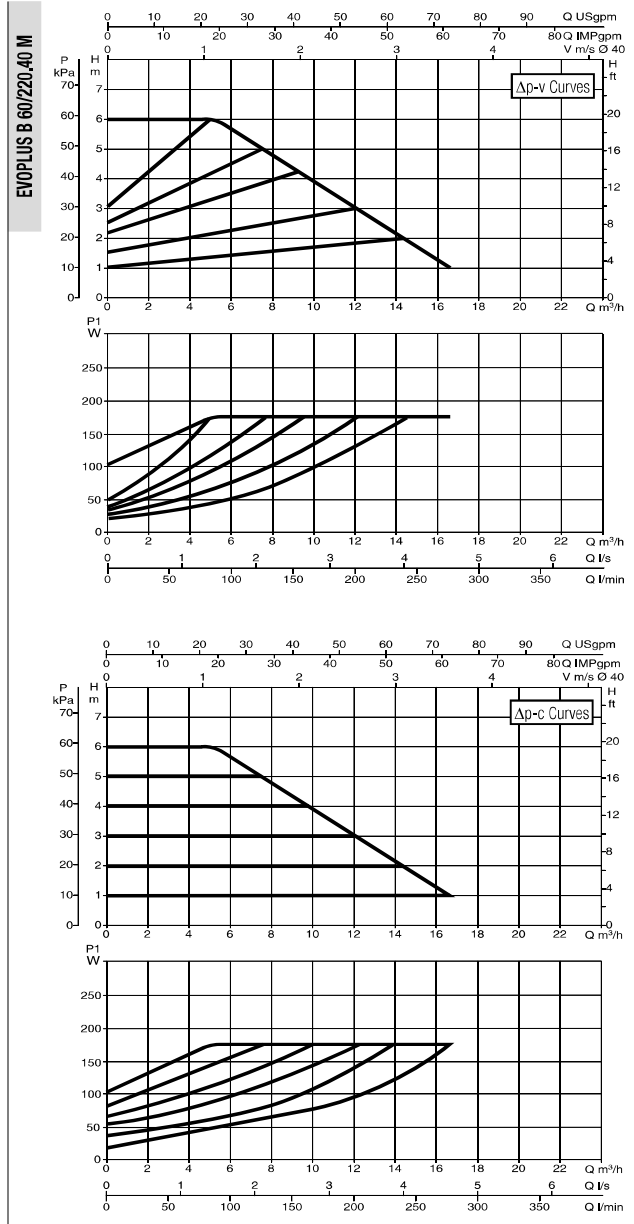
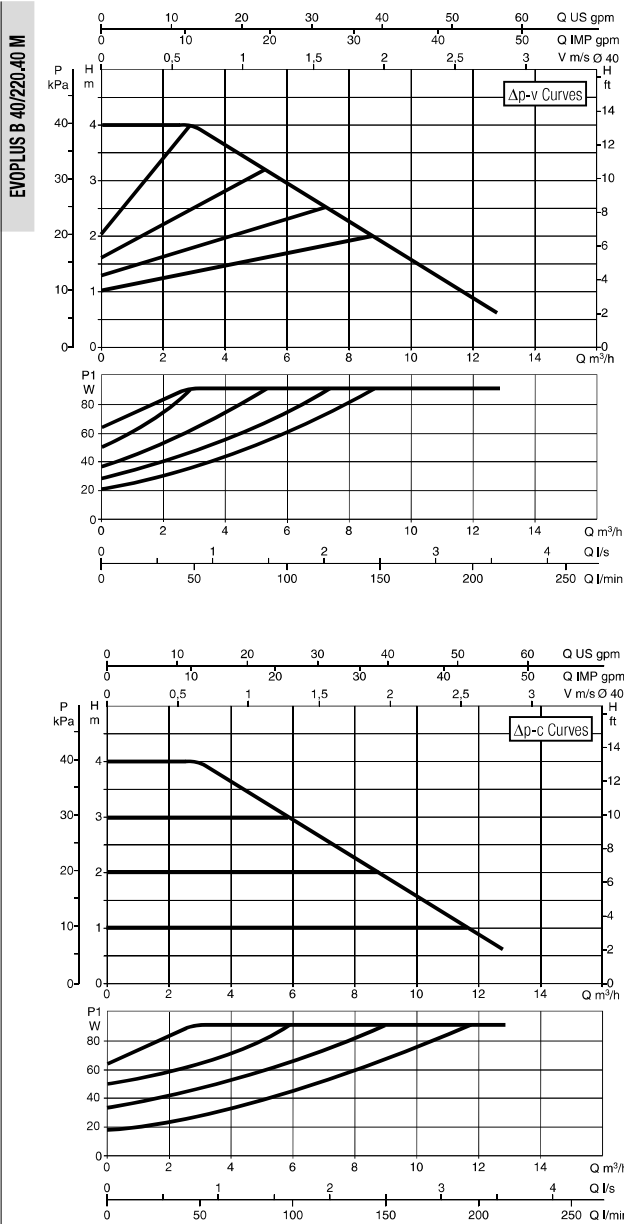


L	L1	L2	A1	A2	B	B1	B2
220	110	110	19	14	417	94	323

D	D1	D2	D3	D4	H	H1	H2
140	100	90	76	36	222	220	273

EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

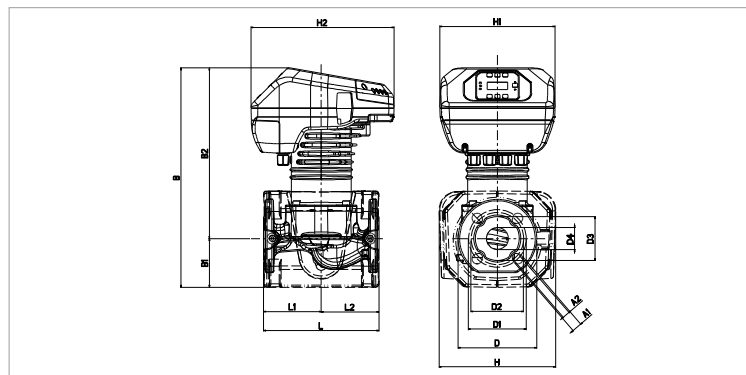
Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS B 40/220.40 M	220	DN40 PN 10	220/240 V	90	0,7	EEI ≤ 0,23	m.c.w.	20	25	20,8
EVOPLUS B 60/220.40 M	220	DN40 PN 10	220/240 V	175	1	EEI ≤ 0,23	m.c.w.	20	25	20,8

The parameter of reference for the more efficient circulators is EEI ≤ 0,20.

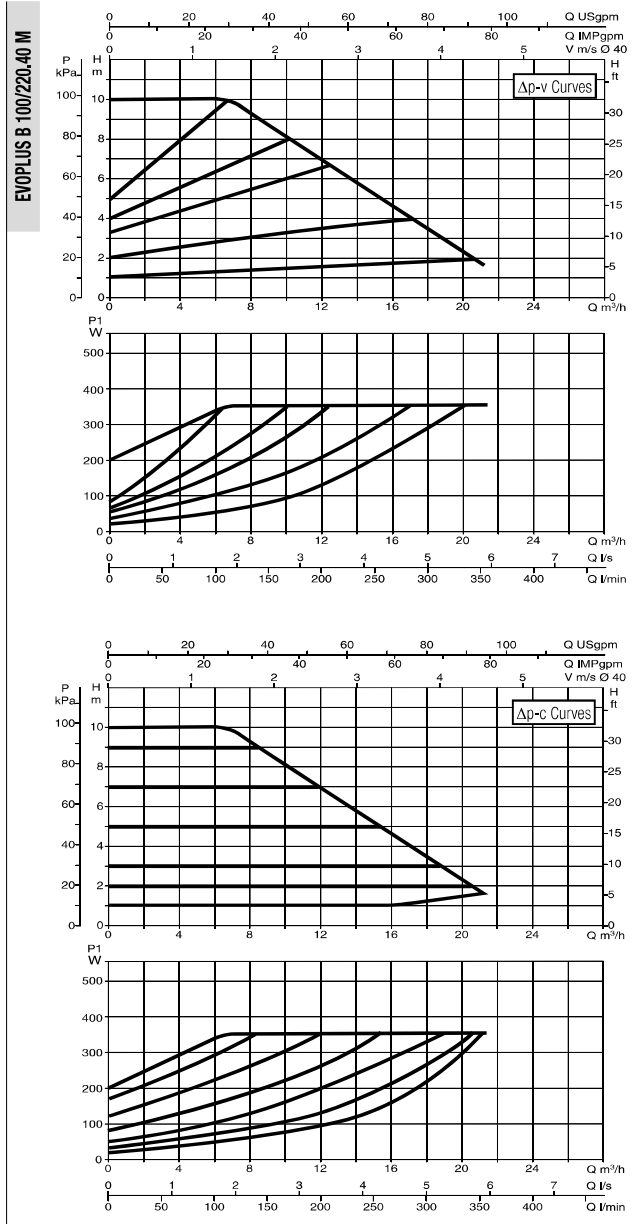
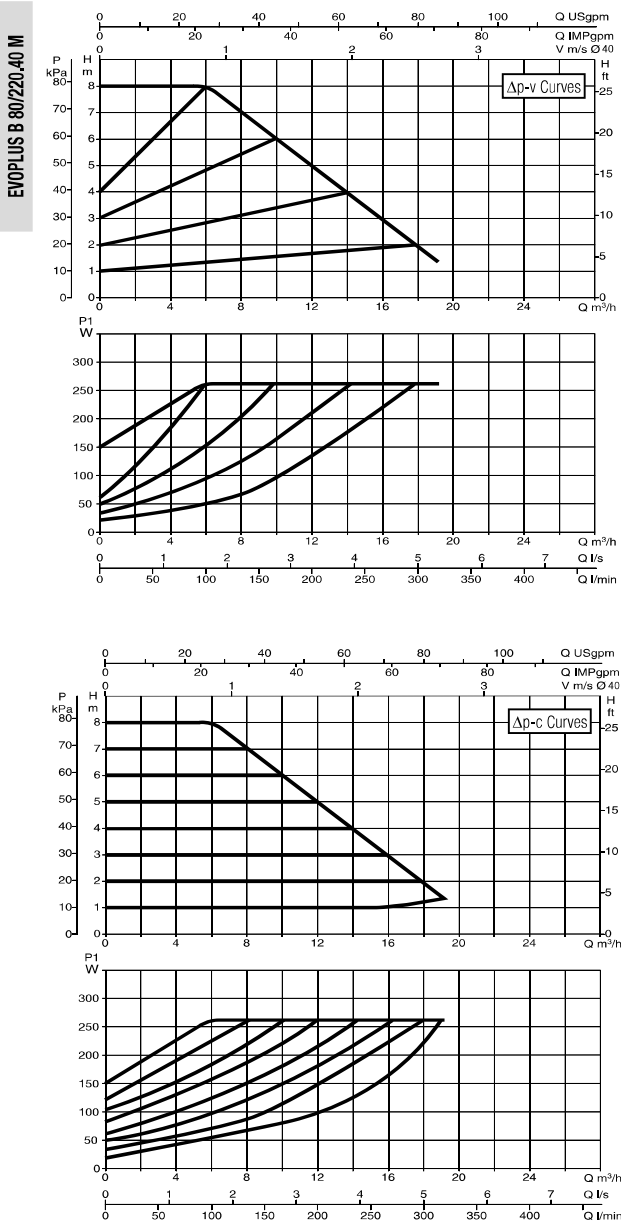


L	L1	L2	A1	A2	B	B1	B2
220	110	110	19	14	419	93	326

D	D1	D2	D3	D4	H	H1	H2
150	110	100	84	42	222	220	273

EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

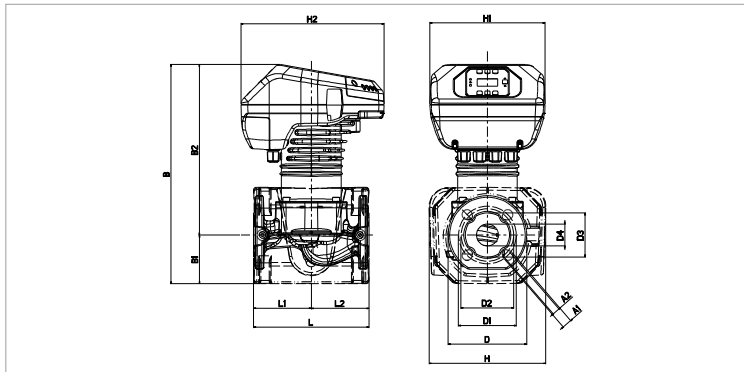
Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS B 80/220.40 M	220	DN40 PN 10	220/240 V	260	1,35	EEI ≤ 0,21	m.c.w.	20	25	20,8
EVOPLUS B 100/220.40 M	220	DN40 PN 10	220/240 V	350	1,75	EEI ≤ 0,20	m.c.w.	20	25	20,8

The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



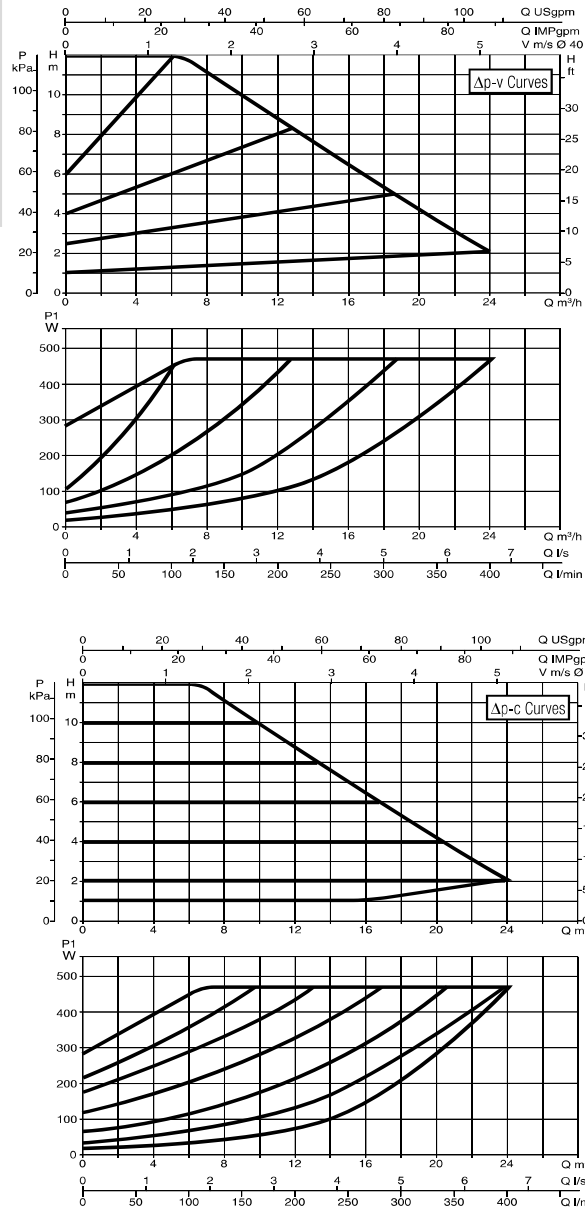
L	L1	L2	A1	A2	B	B1	B2
220	110	110	19	14	419	93	326

D	D1	D2	D3	D4	H	H1	H2
150	110	100	84	42	222	220	273

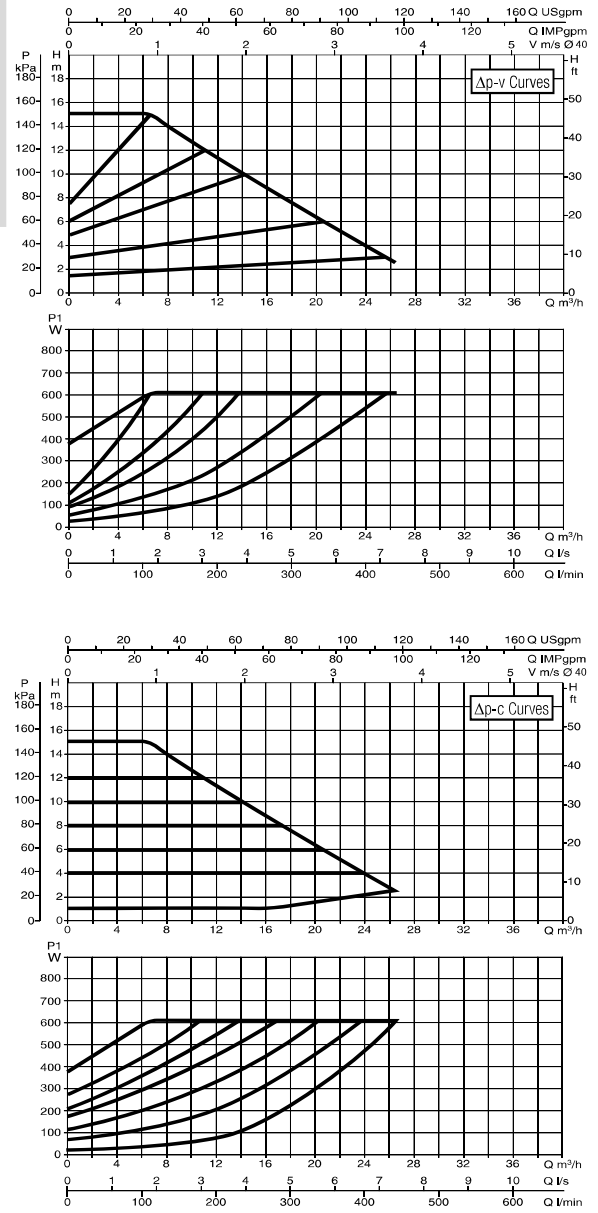
EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS B 120/250.40 M



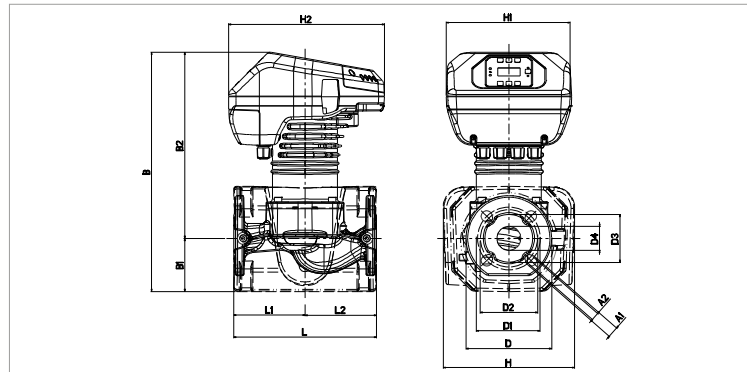
EVOPLUS B 150/250.40 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS B 120/250.40 M	250	DN40 PN 10	220/240 V	465	2,2	EEI ≤ 0,20	m.c.w.	20	25	20
EVOPLUS B 150/250.40 M	250	DN40 PN 10	220/240 V	610	2,9	EEI ≤ 0,20	m.c.w.	20	25	20

The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



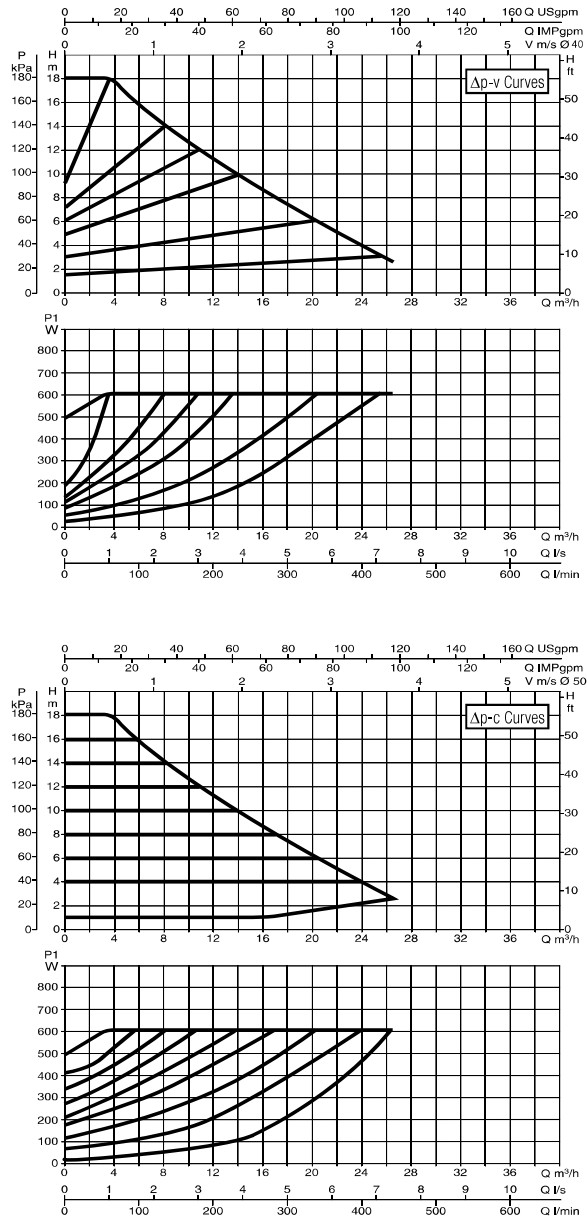
L	L1	L2	A1	A2	B	B1	B2
250	125	125	19	14	419	93	326

D	D1	D2	D3	D4	H	H1	H2
150	110	100	84	42	230	220	273

EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

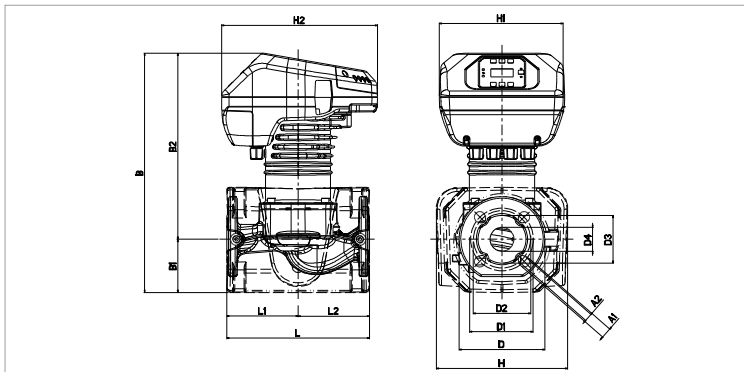
EVOPLUS B 180/250.40 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS B 180/250.40 M	250	DN40 PN 10	220/240 V	610	2,9	EEI ≤ 0,20	m.c.w.	20	25	20

The parameter of reference for the more efficient circulators is EEI ≤ 0,20.

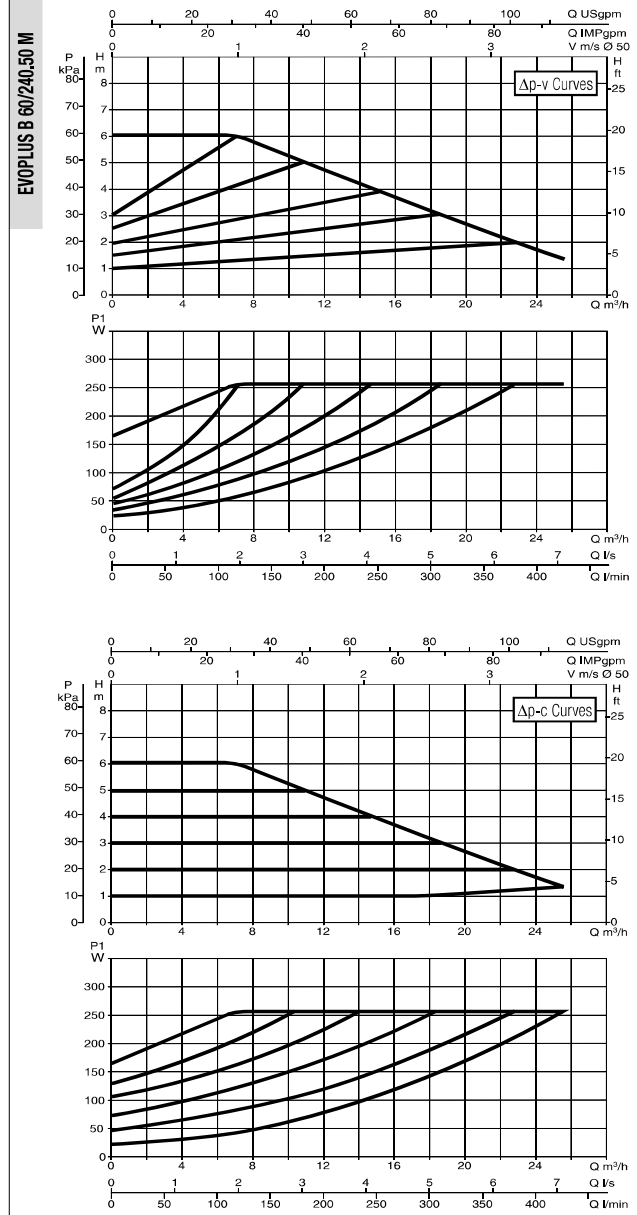
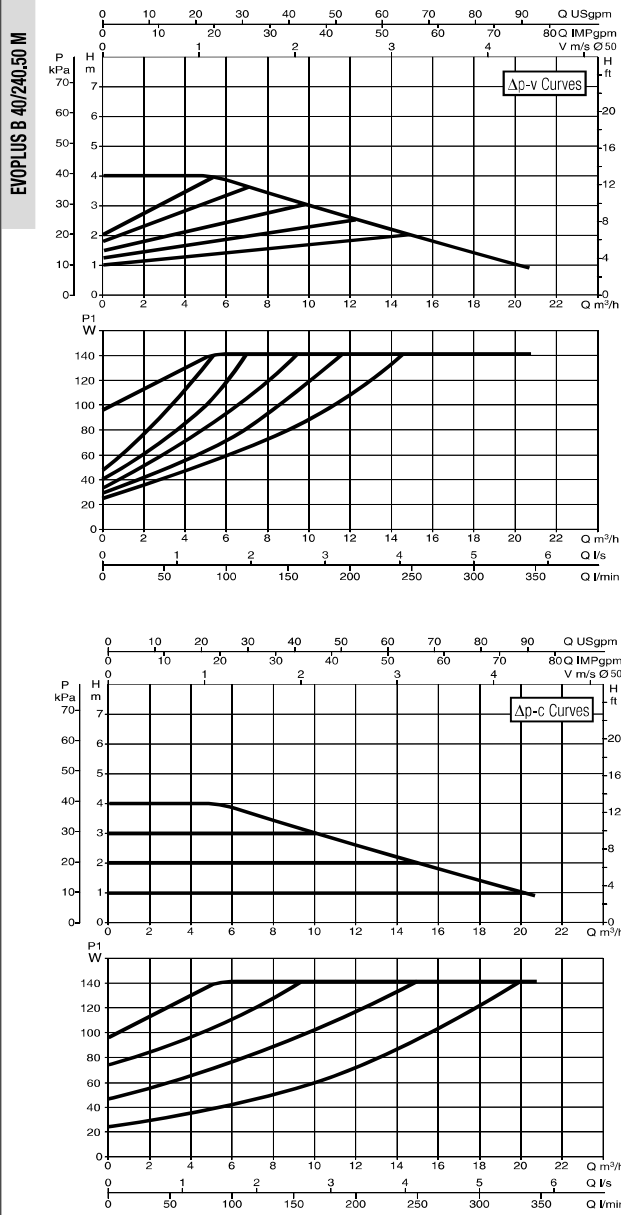


L	L1	L2	A1	A2	B	B1	B2
250	125	125	19	14	419	93	326

D	D1	D2	D3	D4	H	H1	H2
150	110	100	84	42	230	220	273

EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

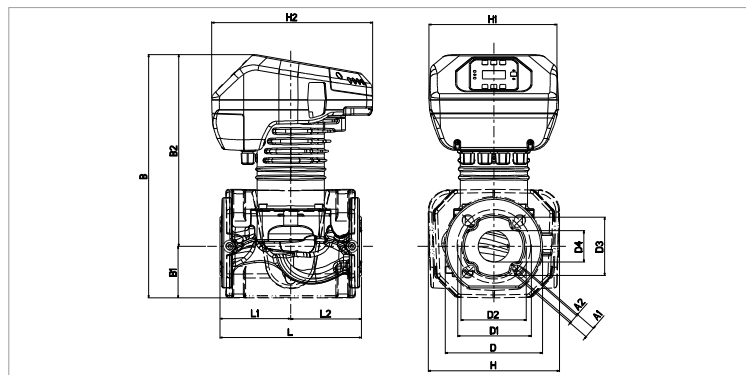
Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS B 40/240.50 M	240	DN50 PN 10	220/240 V	140	0.87	EEI ≤ 0,23	m.c.w.	20	25	21,4
EVOPLUS B 60/240.50 M	240	DN50 PN 10	220/240 V	260	1.35	EEI ≤ 0,21	m.c.w.	20	25	21,4

*The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



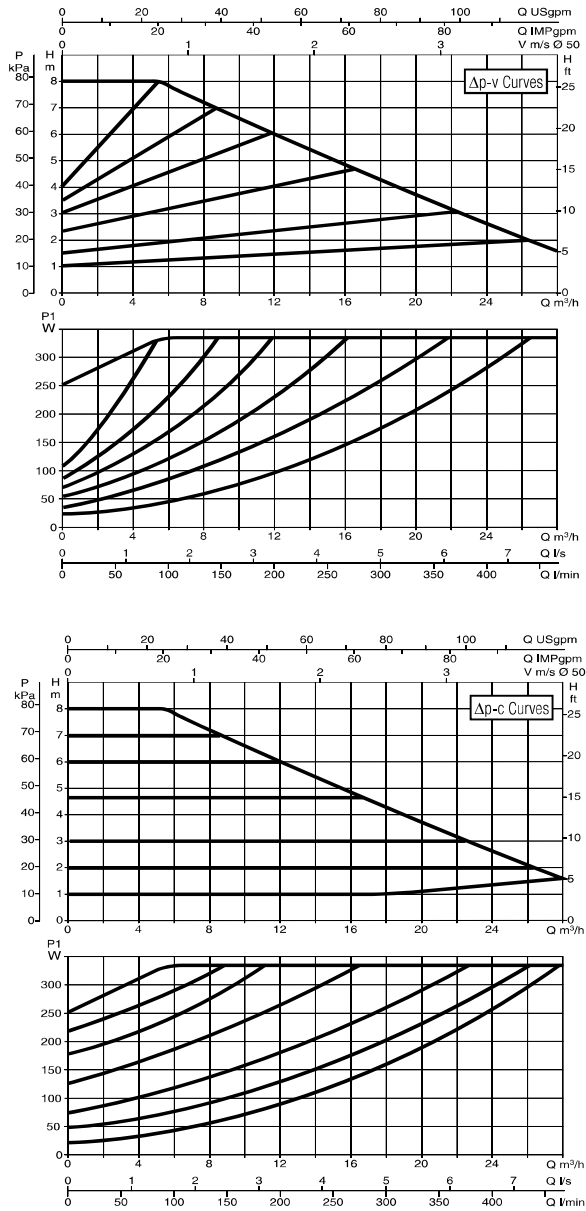
L	L1	L2	A1	A2	B	B1	B2
240	120	120	19	14	413	87	325

D	D1	D2	D3	D4	H	H1	H2
165	125	110	99	53	222	220	273

EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

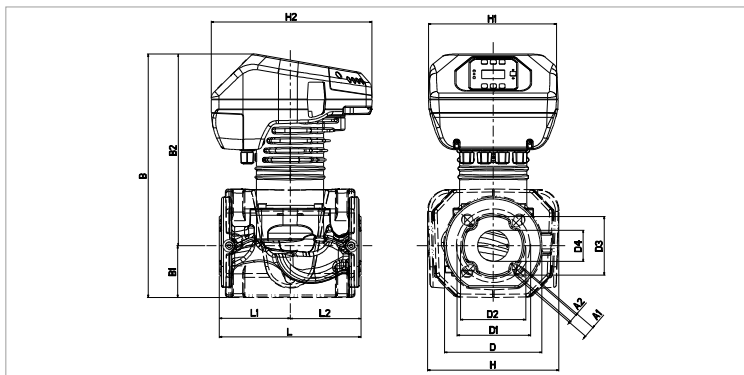
EVOPLUS B 80/240.50 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS B 80/240.50 M	240	DN50 PN 10	220/240 V	330	0,87	EEI ≤ 0,21	m.c.w.	20	25	21,4

*The parameter of reference for the more efficient circulators is EEI ≤ 0,20.

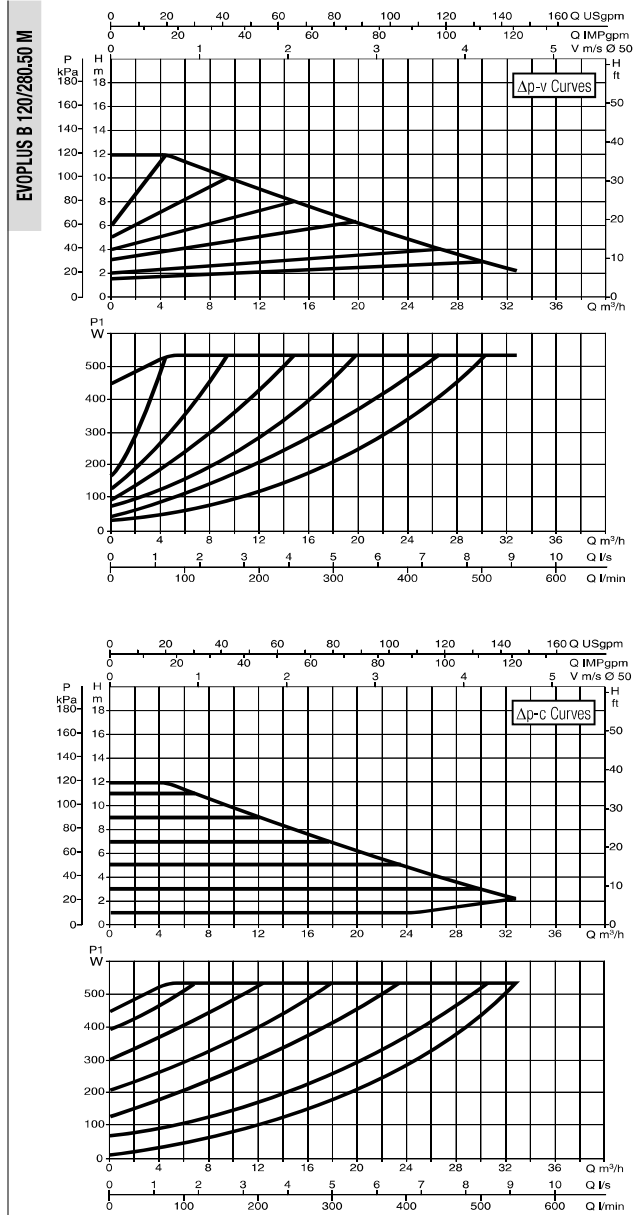
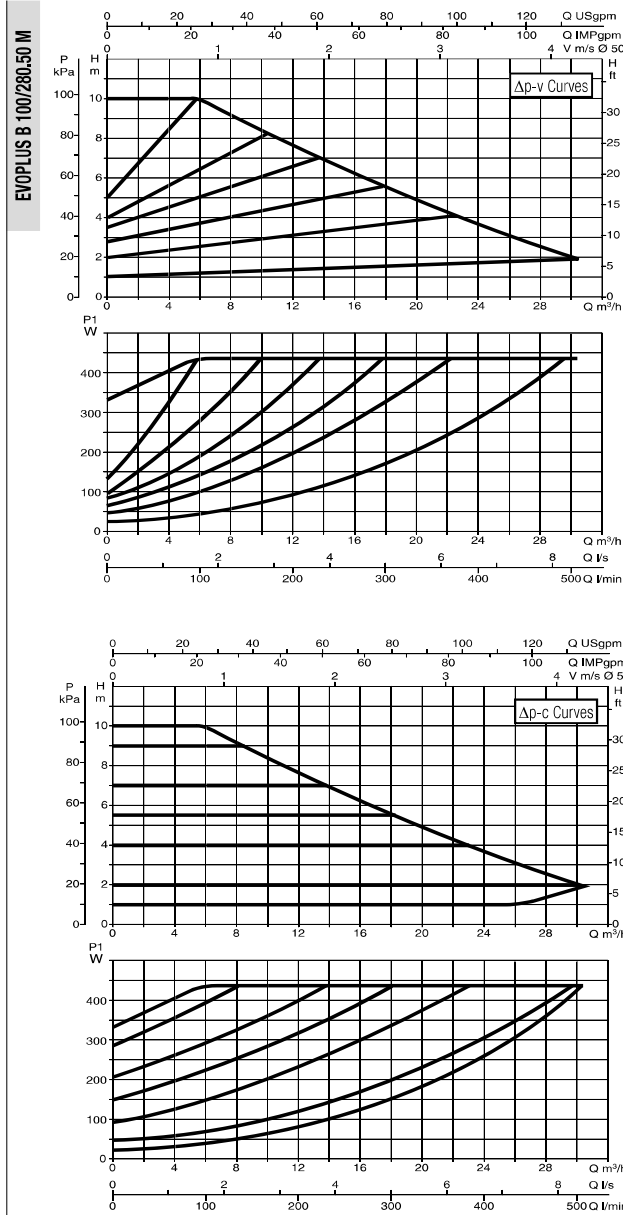


L	L1	L2	A1	A2	B	B1	B2
240	120	120	19	14	413	87	325

D	D1	D2	D3	D4	H	H1	H2
165	125	110	99	53	222	220	273

EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

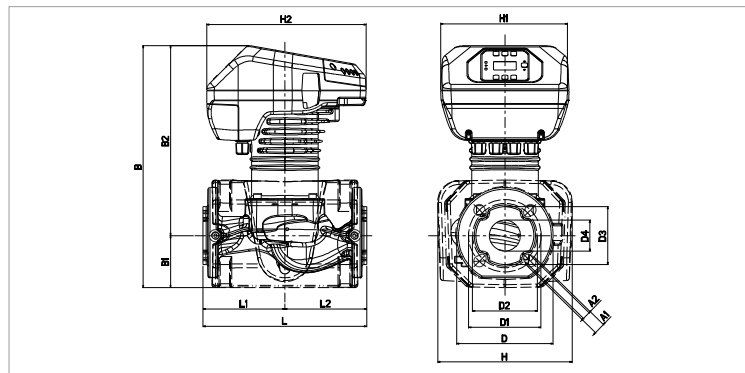
Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS B 100/280.50 M	280	DN50 PN 10	220/240 V	430	2,1	EEI ≤ 0,20	m.c.w.	20	25	22
EVOPLUS B 120/280.50 M	280	DN50 PN 10	220/240 V	530	2,5	EEI ≤ 0,19	m.c.w.	20	25	21,8

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



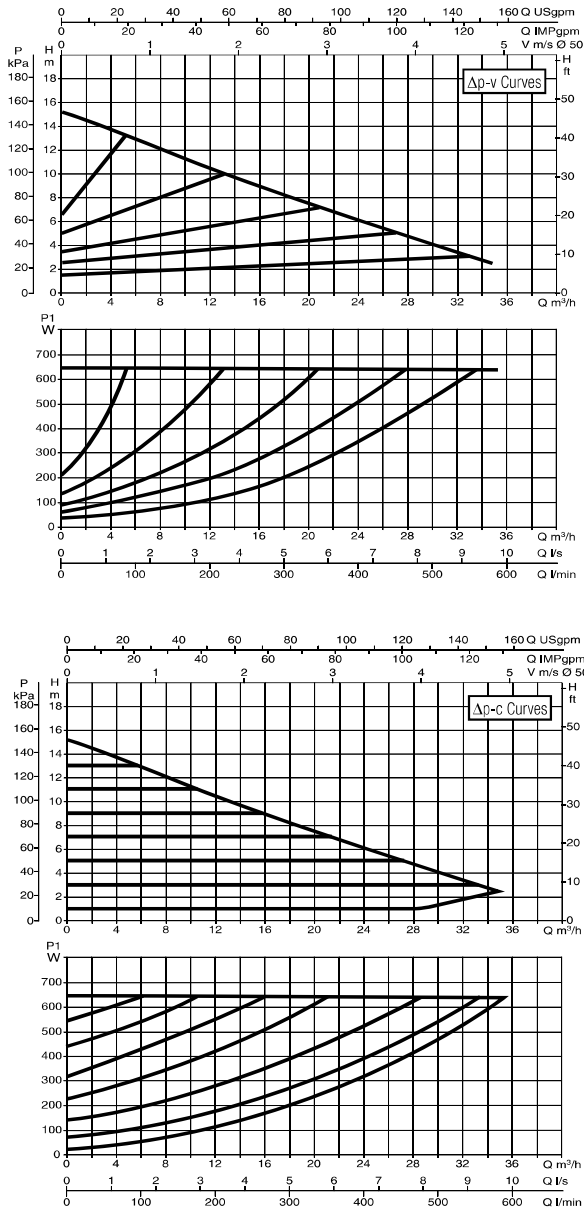
L	L1	L2	A1	A2	B	B1	B2
280	140	140	19	14	413	87	325

D	D1	D2	D3	D4	H	H1	H2
165	125	110	99	53	230	220	273

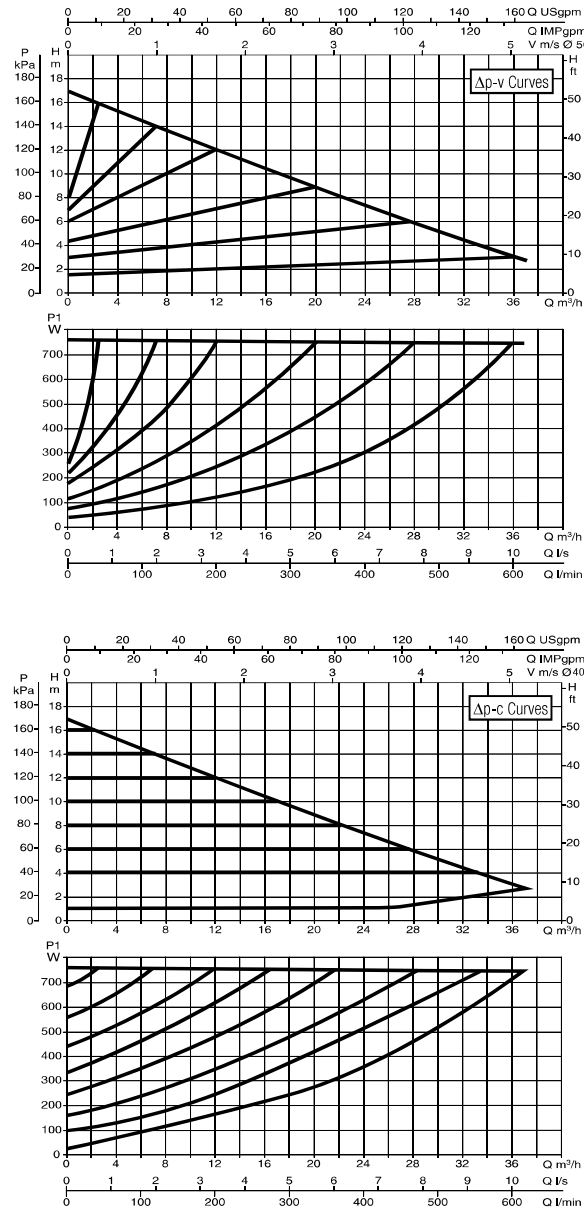
EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS B 150/280.50 M



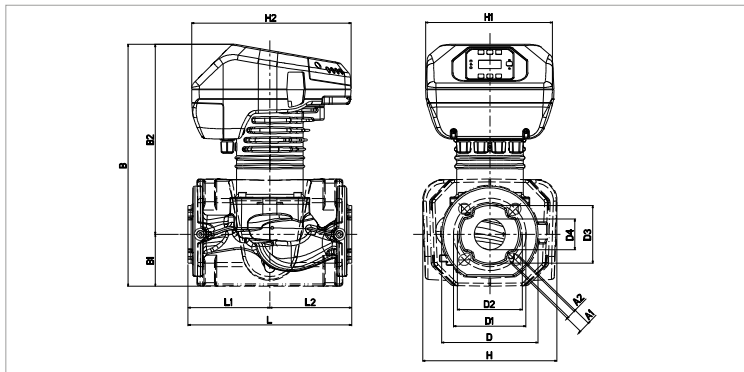
EVOPLUS B 180/280.50 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS B 150/280.50 M	280	DN50 PN 10	220/240 V	640	3	EEI ≤ 0,19	m.c.w.	20	25	22,8
EVOPLUS B 180/280.50 M	280	DN50 PN 10	220/240 V	750	3,45	EEI ≤ 0,19	m.c.w.	20	25	22,8

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.

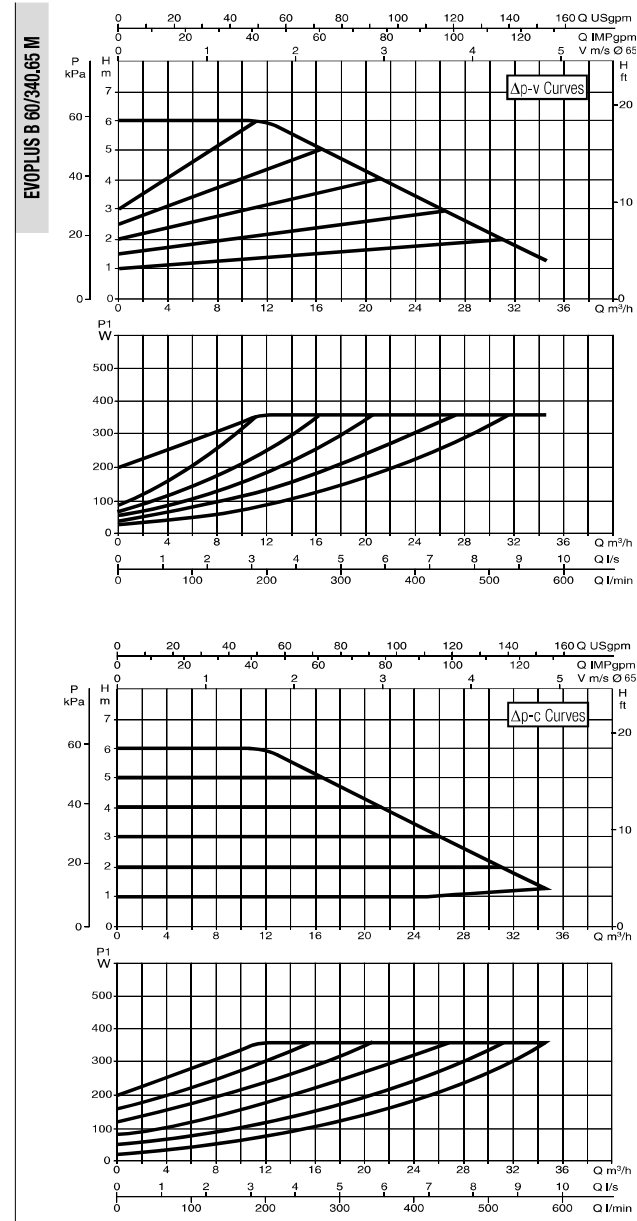
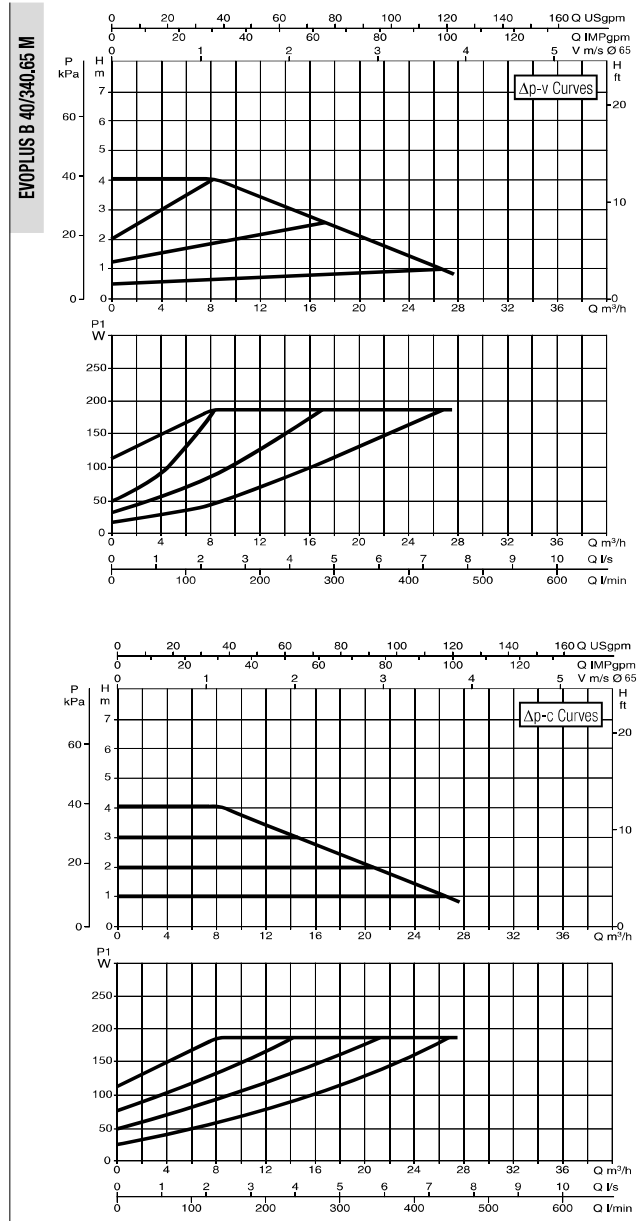


L	L1	L2	A1	A2	B	B1	B2
280	140	140	19	14	413	87	325

D	D1	D2	D3	D4	H	H1	H2
165	125	110	99	53	230	220	273

EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

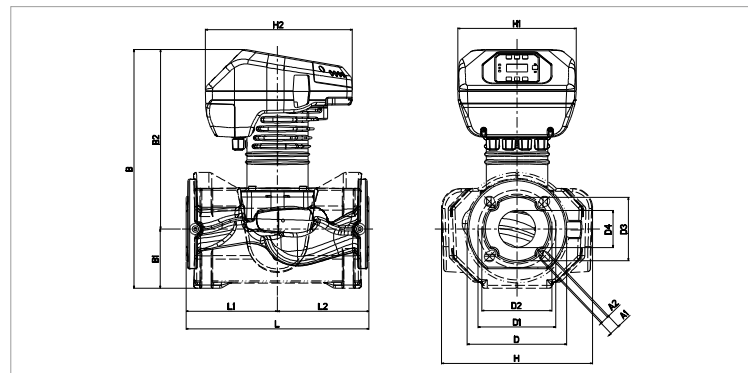
Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS B 40/340.65 M	340	DN65 PN 10	220/240 V	190	1,1	EEI ≤ 0,21	m.c.w.	20	25	23,8
EVOPLUS B 60/340.65 M	340	DN65 PN 10	220/240 V	355	1,8	EEI ≤ 0,20	m.c.w.	20	25	23,8

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.

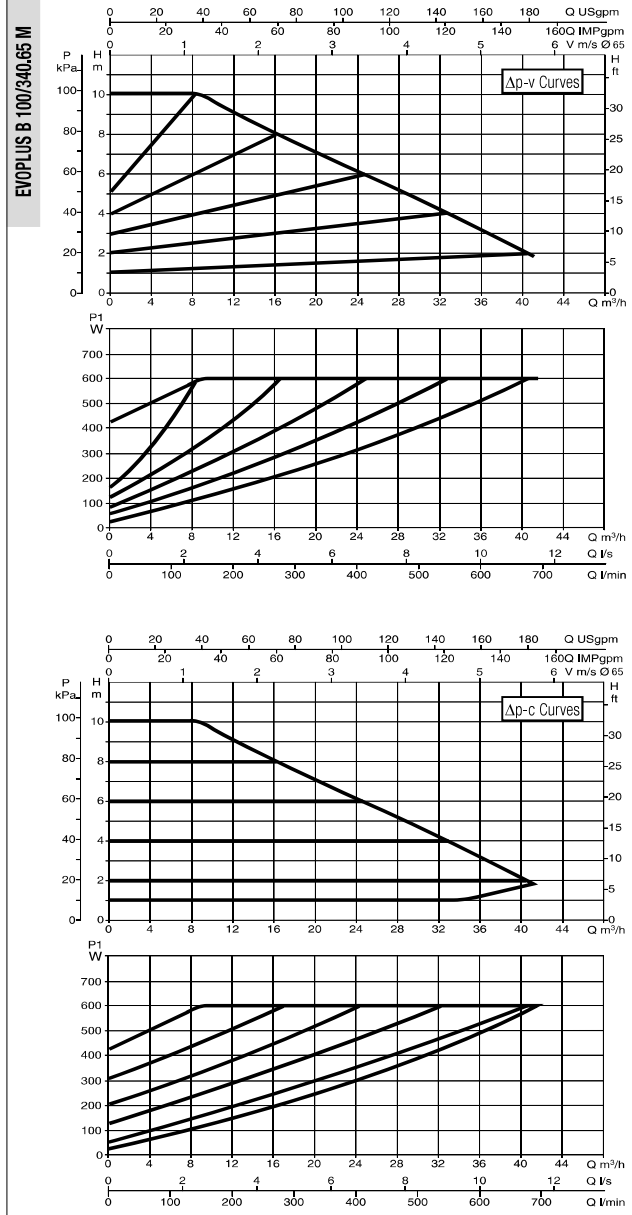
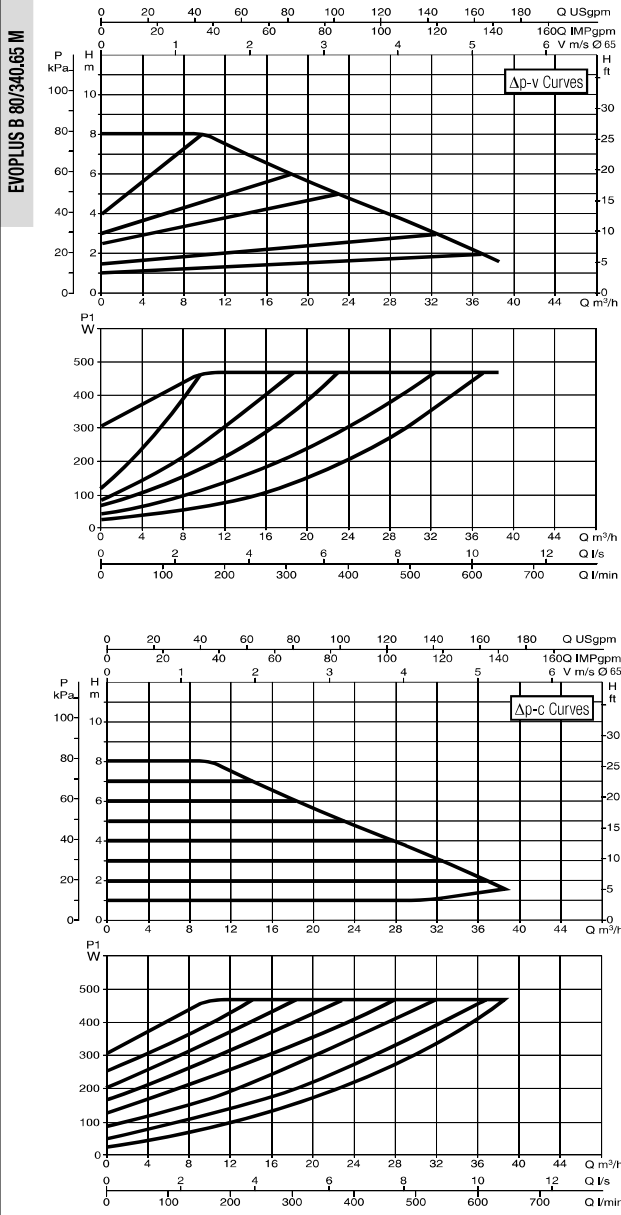


L	L1	L2	A1	A2	B	B1	B2
340	170	170	19	14	443	110	333

D	D1	D2	D3	D4	H	H1	H2
185	145	130	118	69	280	220	273

EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

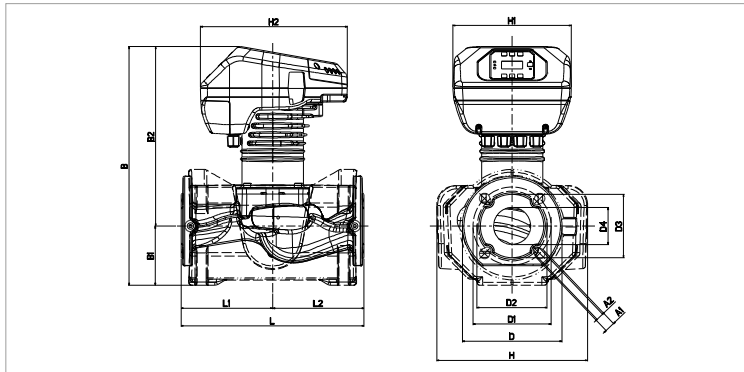
Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS B 80/340.65 M	340	DN65 PN 10	220/240 V	465	2,2	EEI ≤ 0,19	m.c.w.	20	25	24,6
EVOPLUS B 100/340.65 M	340	DN65 PN 10	220/240 V	590	2,8	EEI ≤ 0,18	m.c.w.	20	25	25

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



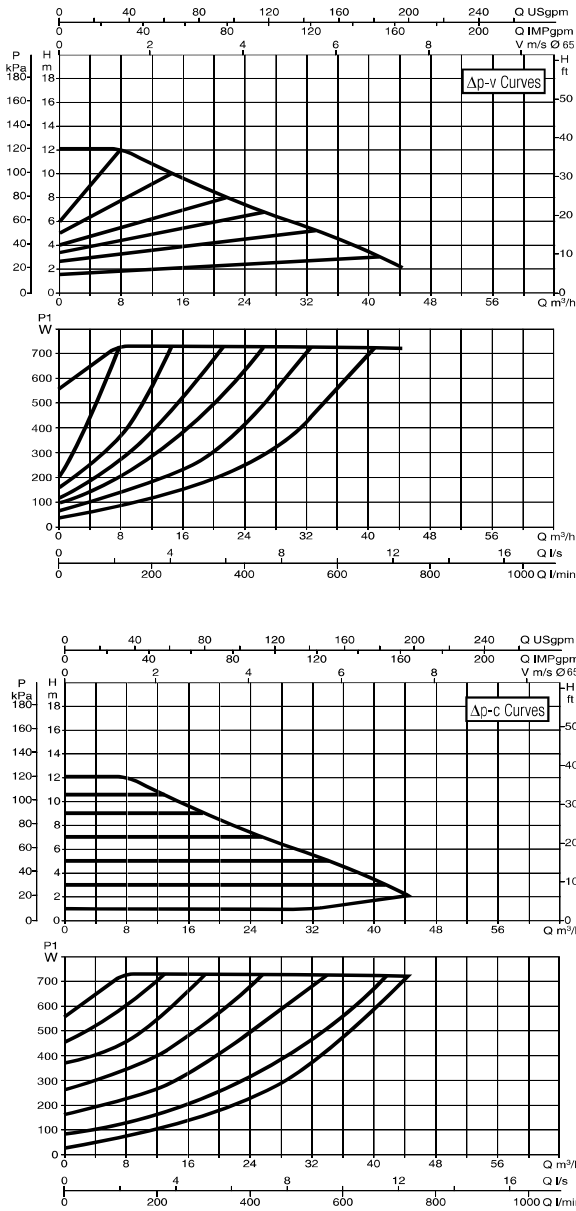
L	L1	L2	A1	A2	B	B1	B2
340	170	170	19	14	443	110	333

D	D1	D2	D3	D4	H	H1	H2
185	145	130	118	69	280	220	273

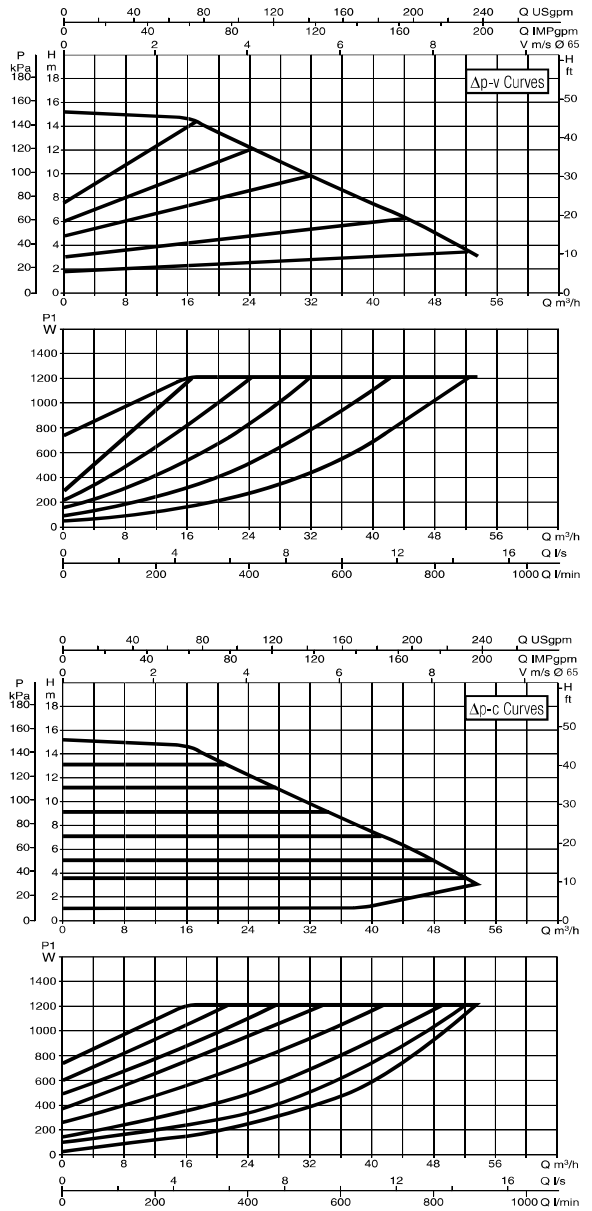
EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS B 120/340.65 M



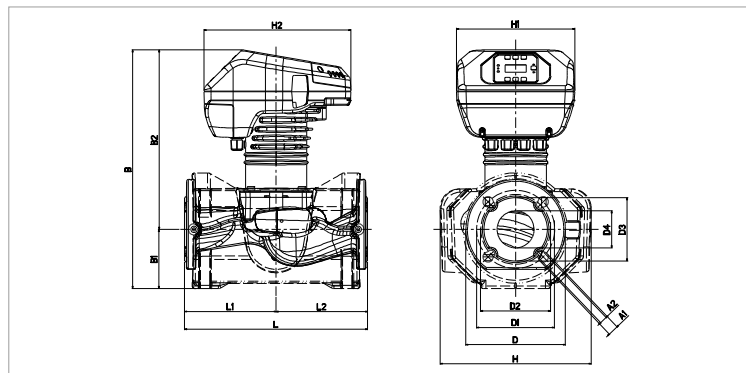
EVOPLUS B 150/340.65 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS B 120/340.65 M	340	DN65 PN 10	220/240 V	730	3,45	EEI ≤ 0,18	m.c.w.	20	25	24,6
EVOPLUS B 150/340.65 M	340	DN65 PN 10	220/240 V	1210	5,5	EEI ≤ 0,18	m.c.w.	20	25	27

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.

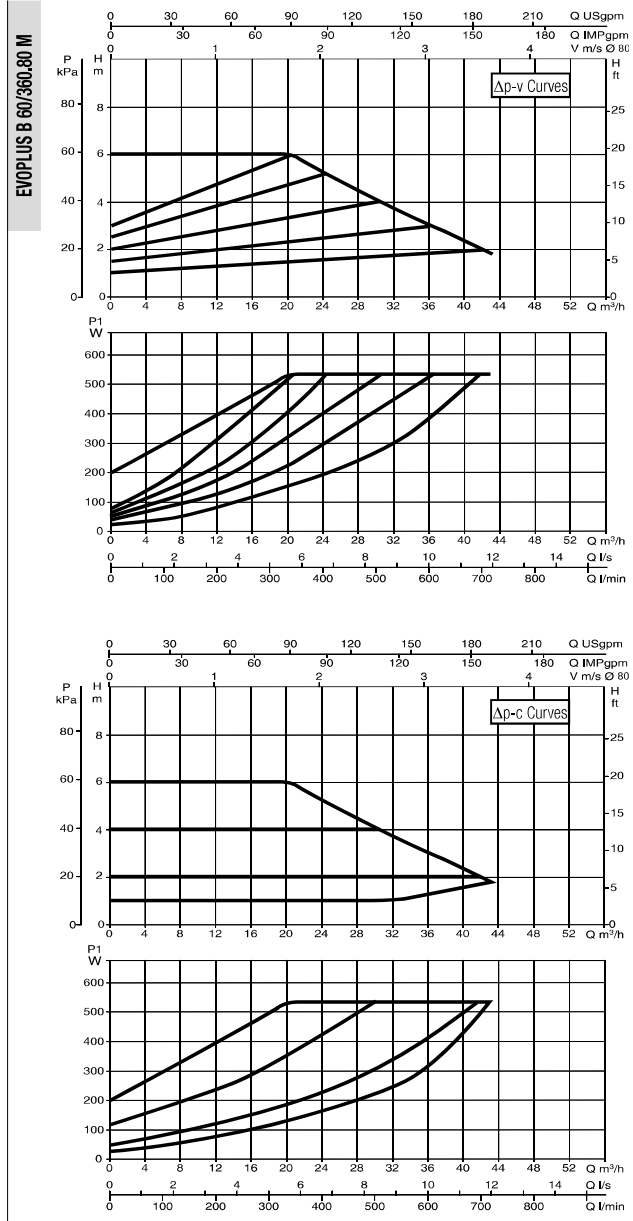
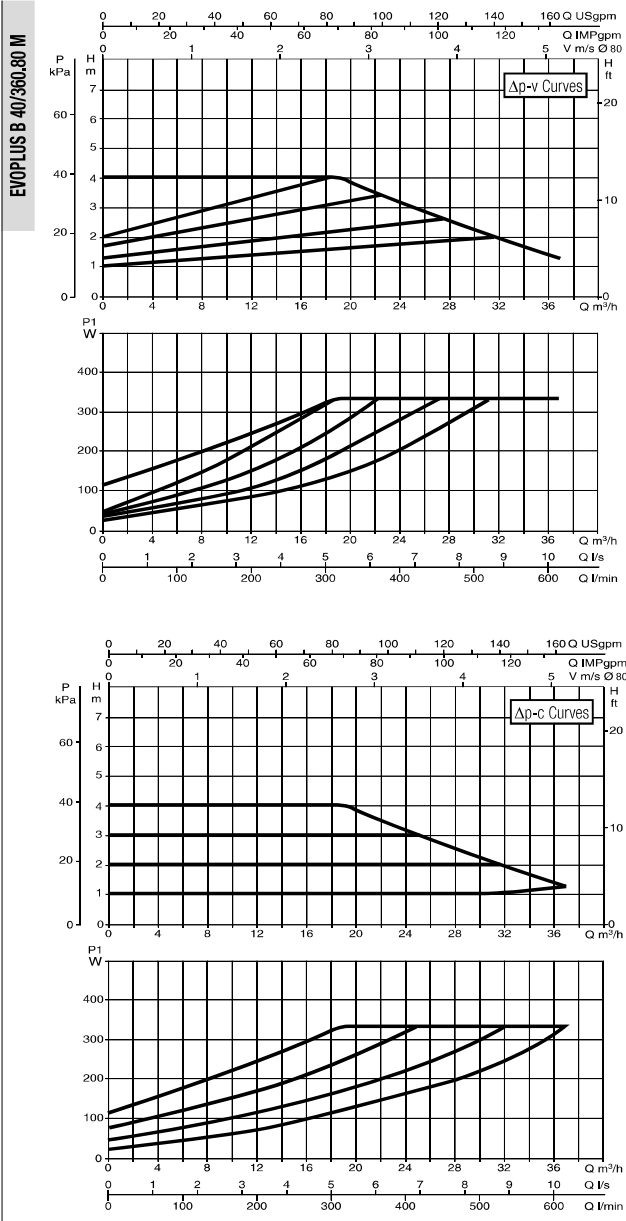


L	L1	L2	A1	A2	B	B1	B2
340	170	170	19	14	443	110	333

D	D1	D2	D3	D4	H	H1	H2
185	145	130	118	69	280	220	273

EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

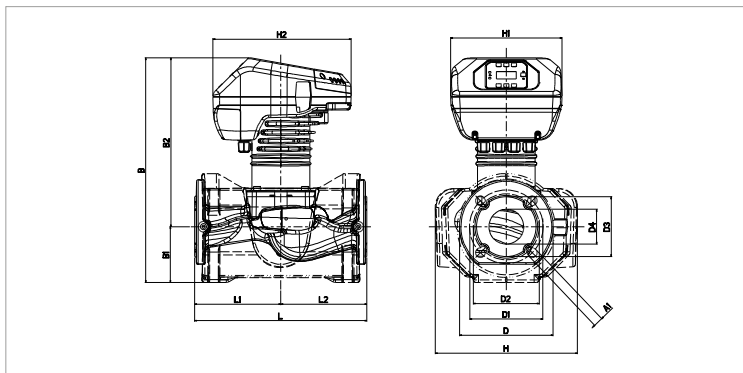
Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906, Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS B 40/360.80 M	360	DN80 PN 10	220/240 V	330	1,65	EEI ≤ 0,19	m.c.w.	20	25	30,2
EVOPLUS B 60/360.80 M	360	DN80 PN 10	220/240 V	535	2,5	EEI ≤ 0,20	m.c.w.	20	25	30,2

*The parameter of reference for the more efficient circulators is EEI ≤ 0,20.

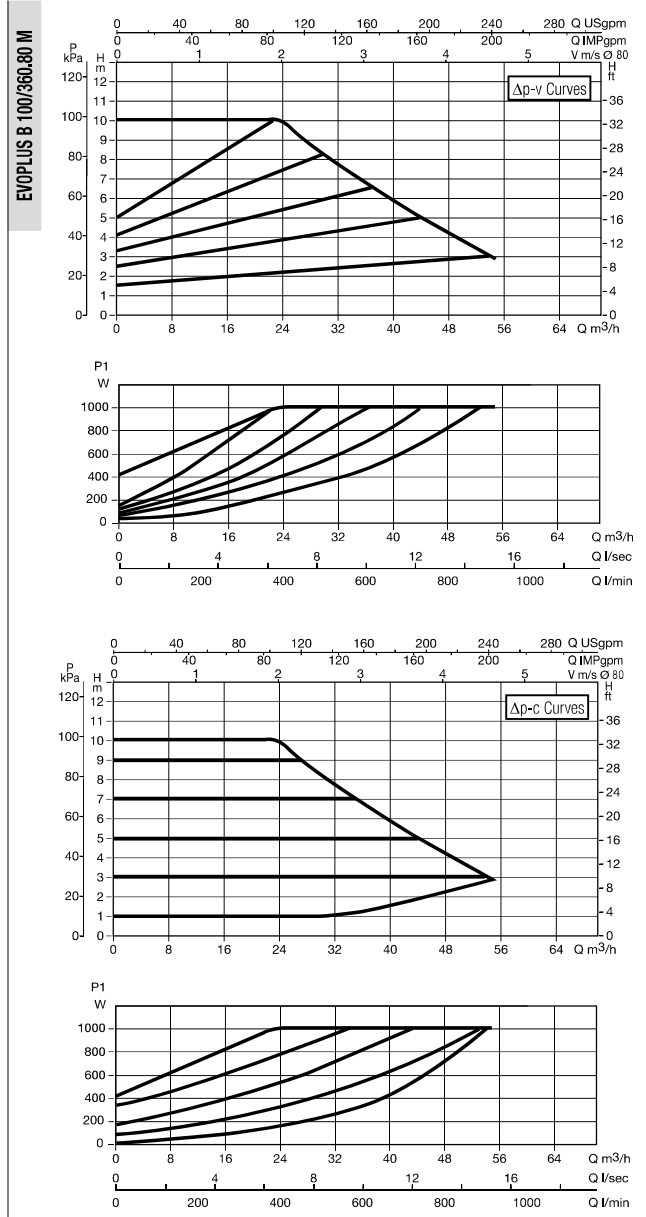
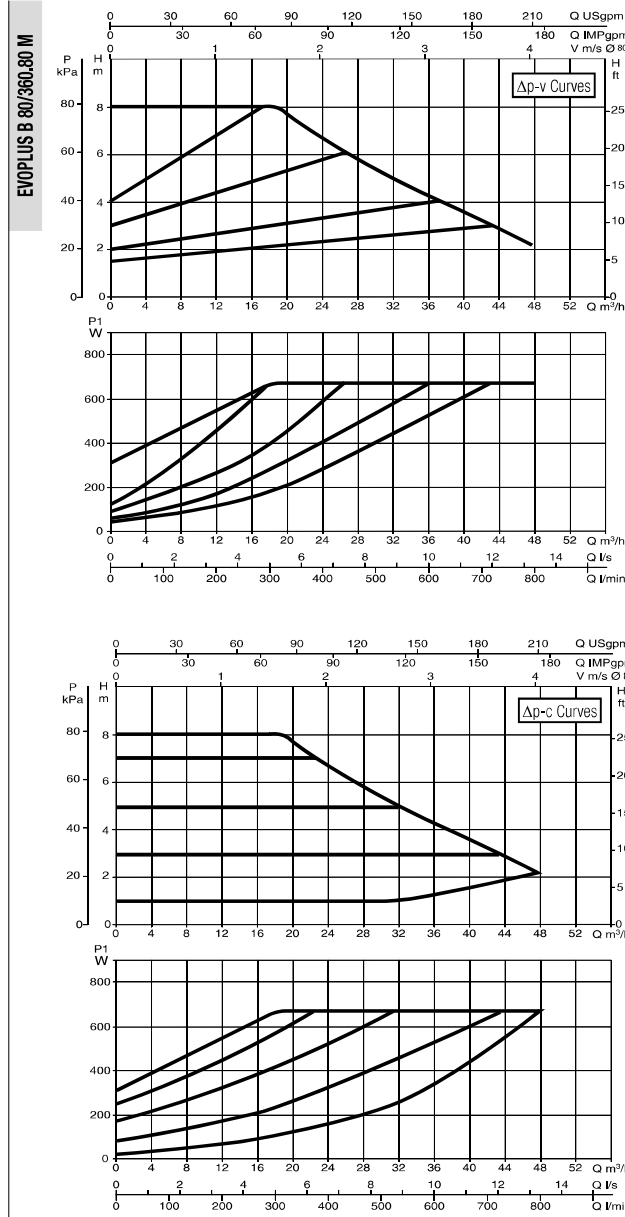


L	L1	L2	A1	B	B1	B2	D
360	180	180	19	446	106	340	200

D1	D3	D4	H	H1	H2
160	132	80	279	220	273

EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

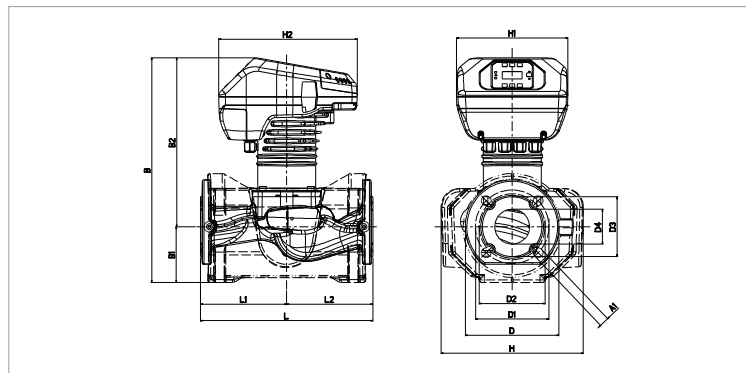
Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS B 80/360.80 M	360	DN80 PN 10	220/240 V	670	3	EEI ≤ 0,20	m.c.w.	20	25	32
EVOPLUS B 100/360.80 M	360	DN80 PN 10	220/240 V	1005	4,5	EEI ≤ 0,19	m.c.w.	20	25	32,2

*The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



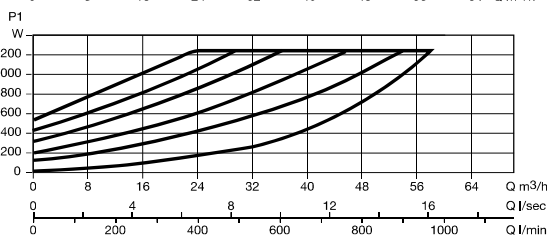
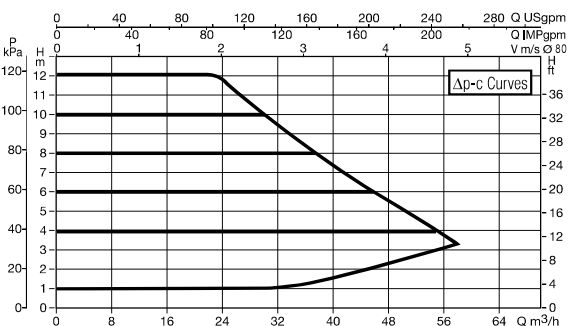
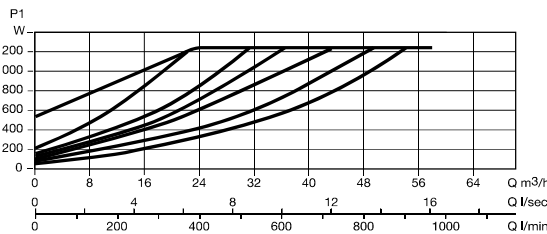
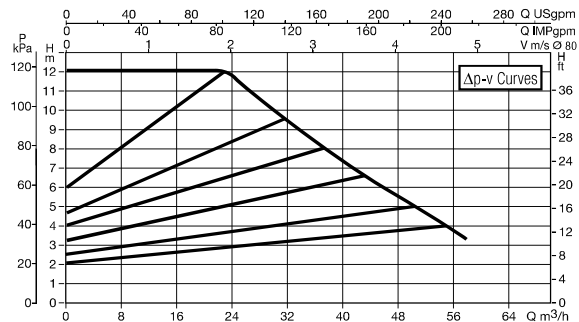
L	L1	L2	A1	B	B1	B2	D
360	180	180	19	360	180	180	19

D1	D3	D4	H	H1	H2
160	132	80	279	220	273

EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

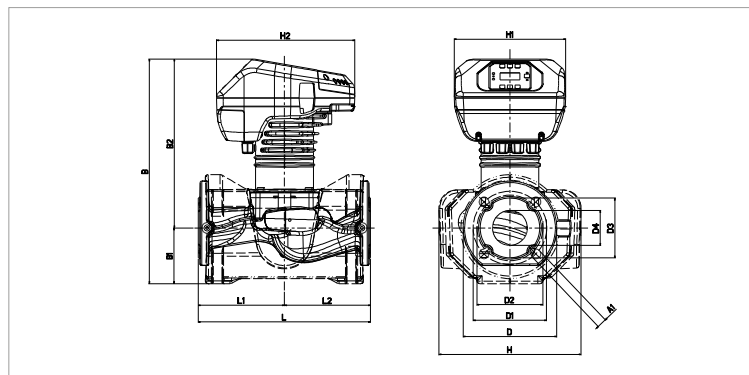
EVOPLUS B 120/360.80 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906, Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS B 120/360.80 M	360	DN80 PN 10	220/240 V	1235	5,5	EEI ≤ 0,19	m.c.w.	20	25	32,2

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



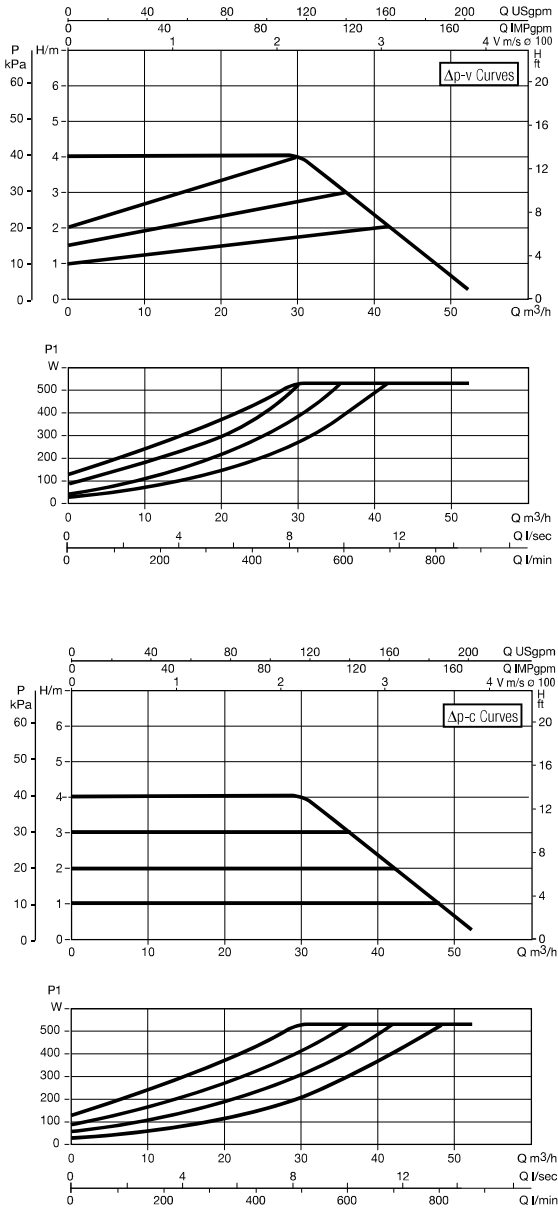
L	L1	L2	A1	B	B1	B2	D
360	180	180	19	446	106	340	200

D1	D3	D4	H	H1	H2
160	132	80	279	220	273

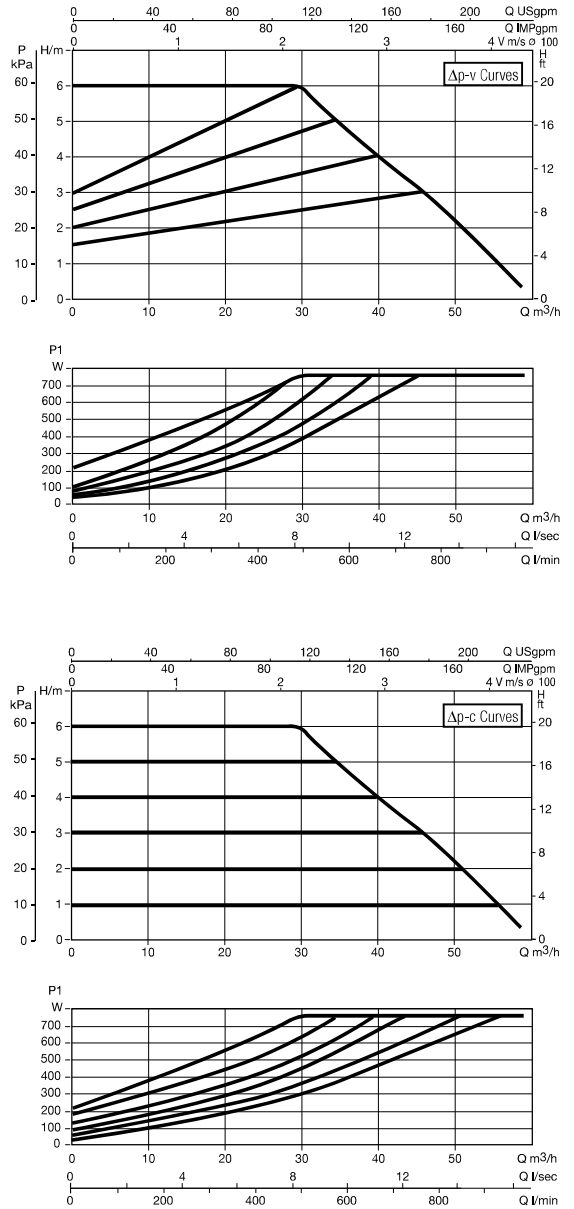
EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS B 40/450,100 M



EVOPLUS B 60/450,100 M

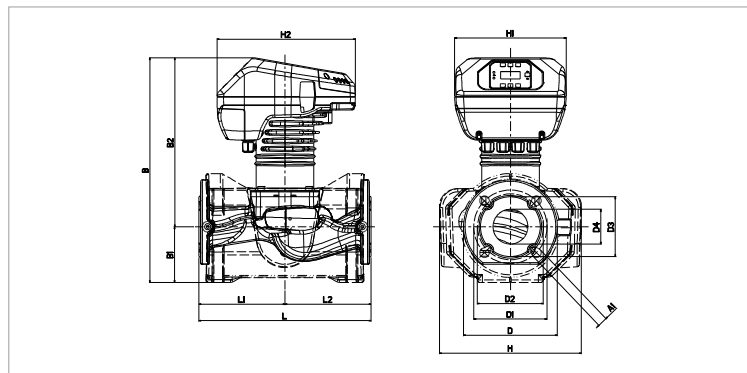


WET ROTOR ELECTRONIC CIRCULATORS

The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS B 40/450.100 M	450	DN100 PN 10	220/240 V	530	2,5	EEI ≤ 0,19	m.c.w.	20	25	37,5
EVOPLUS B 60/450.100 M	450	DN100 PN 10	220/240 V	760	3,5	EEI ≤ 0,18	m.c.w.	20	25	37,5

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.

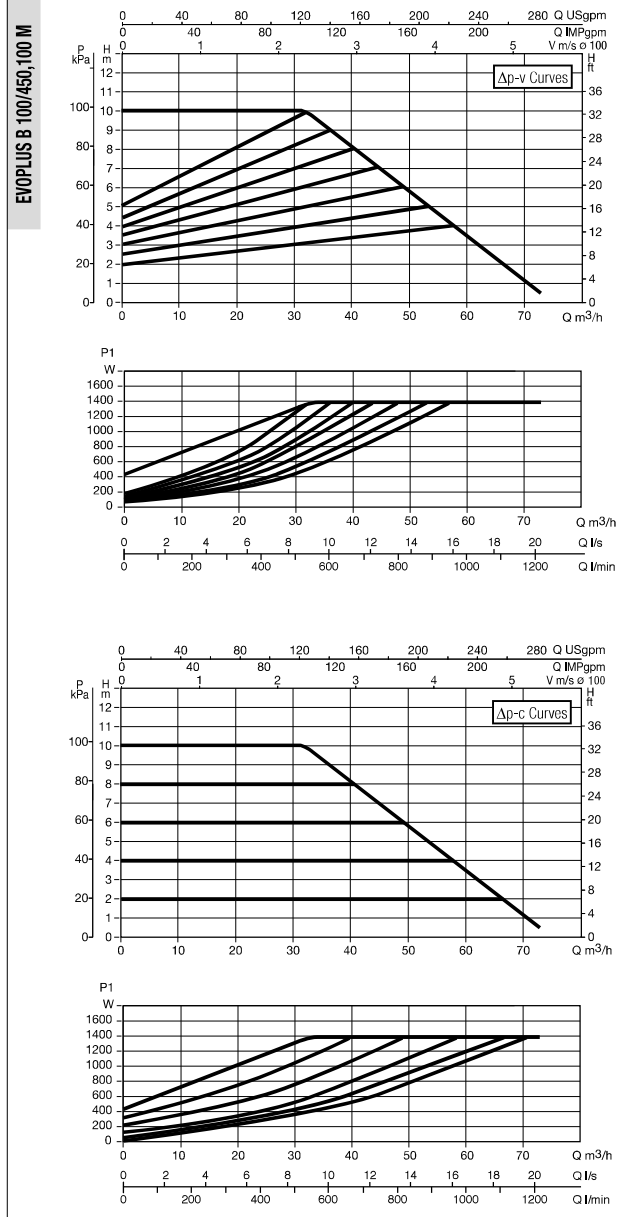
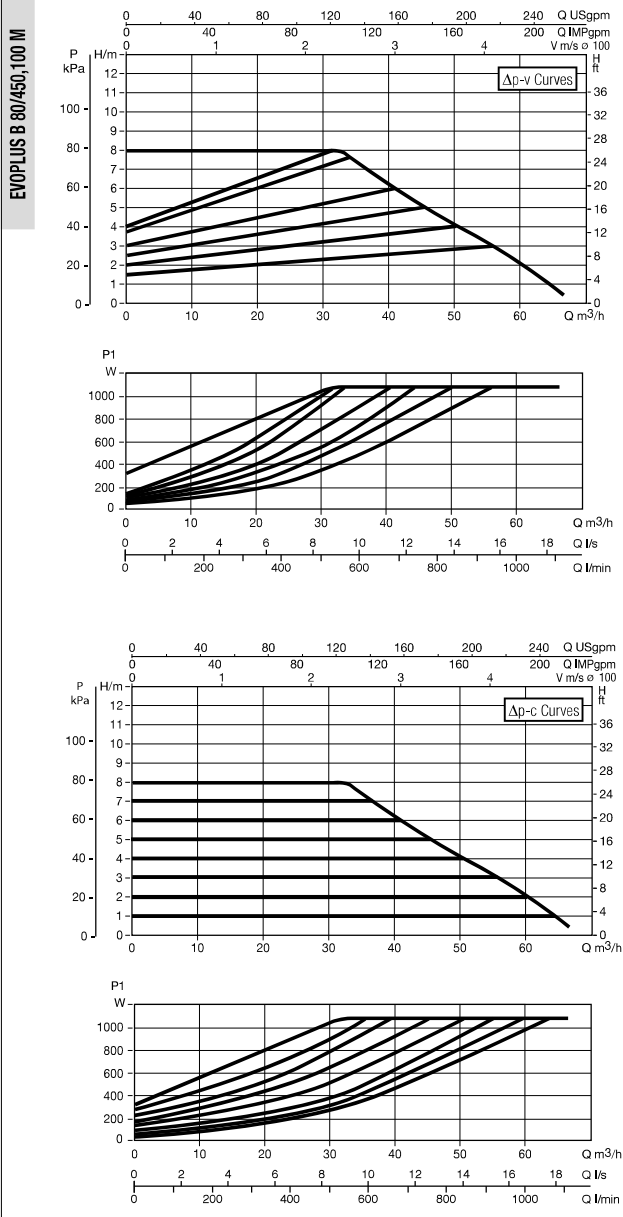


L	L1	L2	A1	B	B1	B2	D
450	225	225	19	463	110	353	220

D1	D3	D4	H	H1	H2
180	156	105	292	220	273

EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

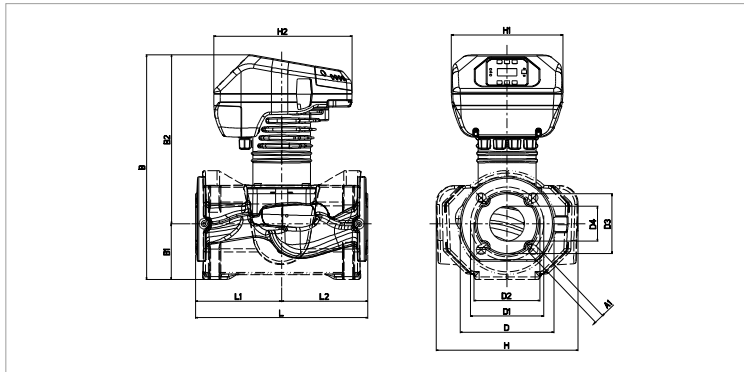
Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS B 80/450.100 M	450	DN100 PN 10	220/240 V	1080	4,8	EEI ≤ 0,18	m.c.w.	20	25	36,6
EVOPLUS B 100/450.100 M	450	DN100 PN 10	220/240 V	1380	6	EEI ≤ 0,19	m.c.w.	20	25	36,8

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



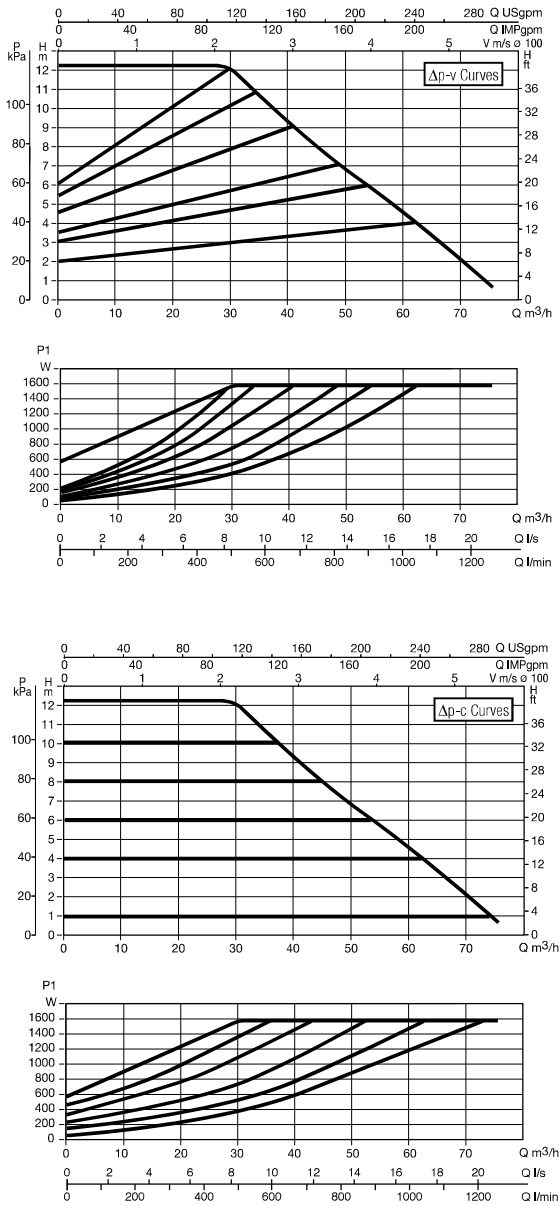
L	L1	L2	A1	B	B1	B2	D
450	225	225	19	463	110	353	220

D1	D3	D4	H	H1	H2
180	156	105	292	220	273

EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

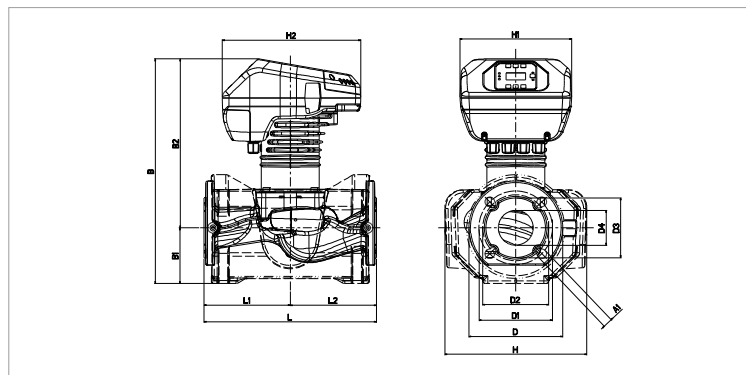
EVOPLUS B 120/450.100 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS B 120/450.100 M	450	DN100 PN 10	220/240 V	1560	7	EEI ≤ 0,19	m.c.w.	20	25	36,3

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



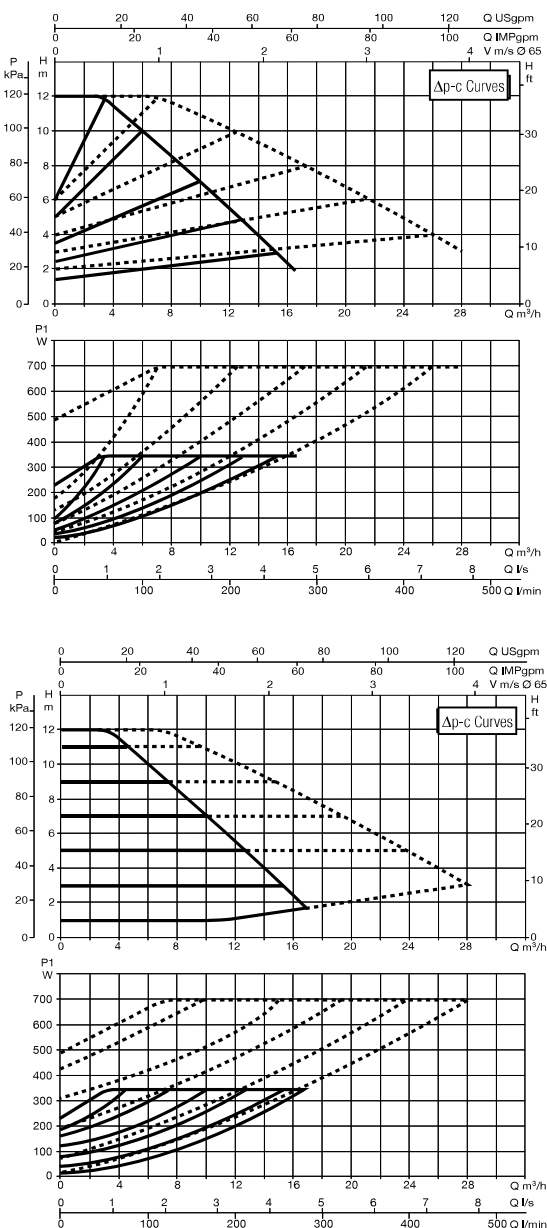
L	L1	L2	A1	B	B1	B2	D
450	225	225	19	463	110	353	220

D1	D3	D4	H	H1	H2
180	156	105	292	220	273

EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

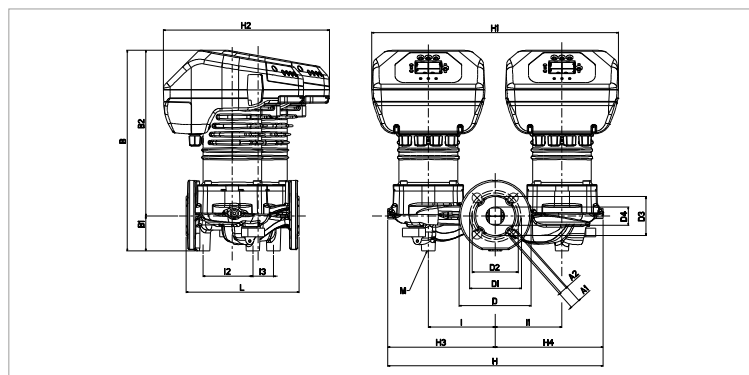
EVOPLUS D 120/220.32 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS D 120/220.32 M	220	DN32 PN 6	220/240 V	340	1,7	EEI ≤ 0,22	m.c.w.	20	25	36,2

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



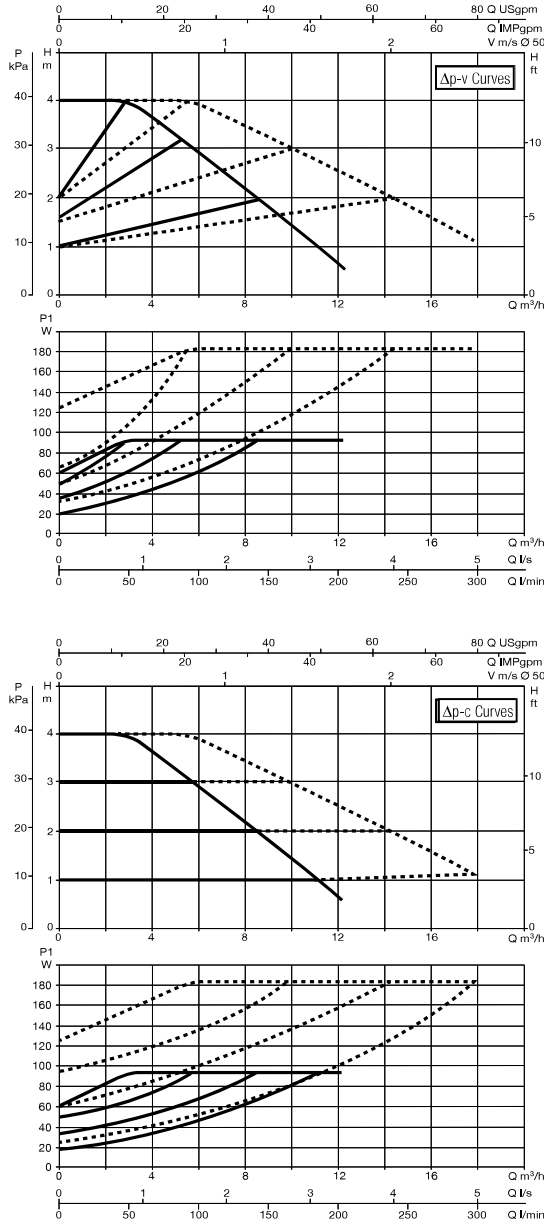
L	A1	A2	B	B1	B2	D	D1	D2	D3	D4
220	19	14	391	68	323	140	100	90	76	36

I	H1	H2	I3	M	H	H1	H2	H3	H4
130	130	97	40	M12	419	480	323	209	210

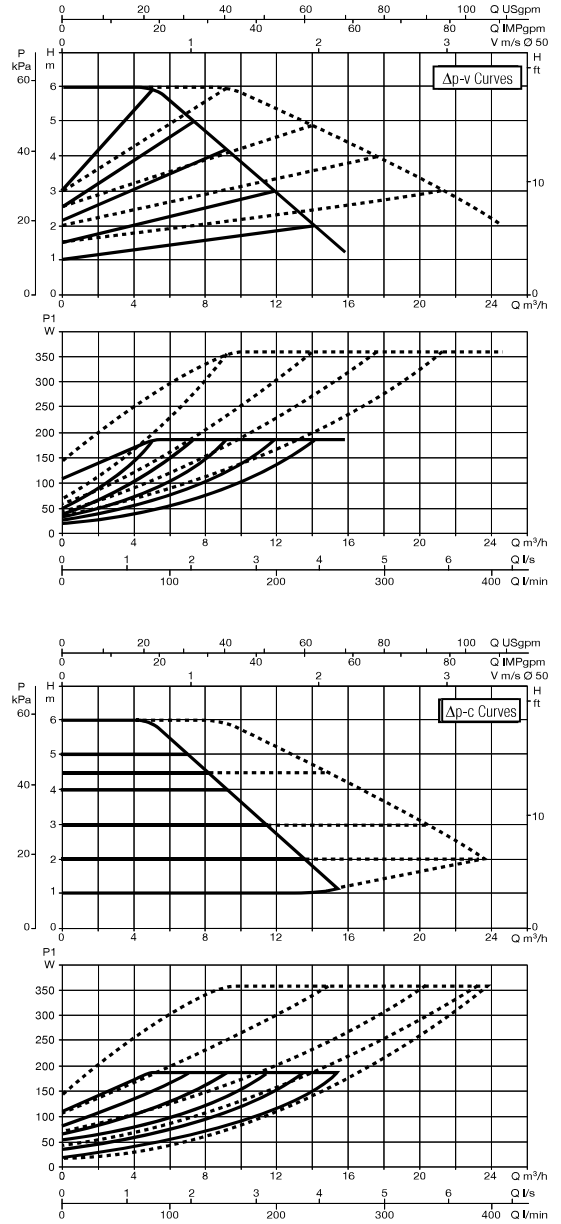
EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS D 40/220.40 M



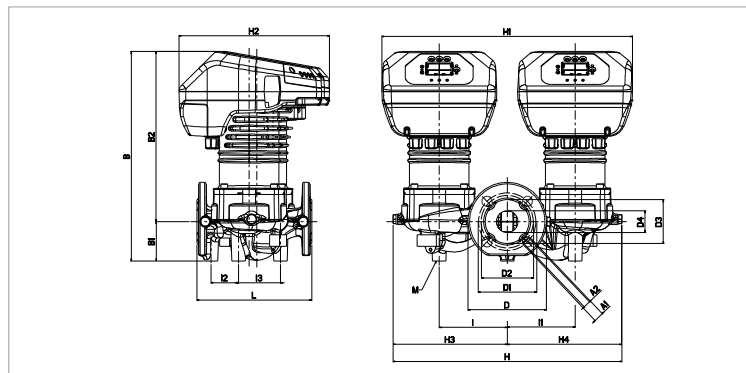
EVOPLUS D 60/220.40 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS D 40/220.40 M	220	DN40 PN 10	220/240 V	90	0,7	EEI ≤ 0,23	m.c.w.	20	25	38,6
EVOPLUS D 60/220.40 M	220	DN40 PN 10	220/240 V	175	1	EEI ≤ 0,23	m.c.w.	20	25	38,6

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



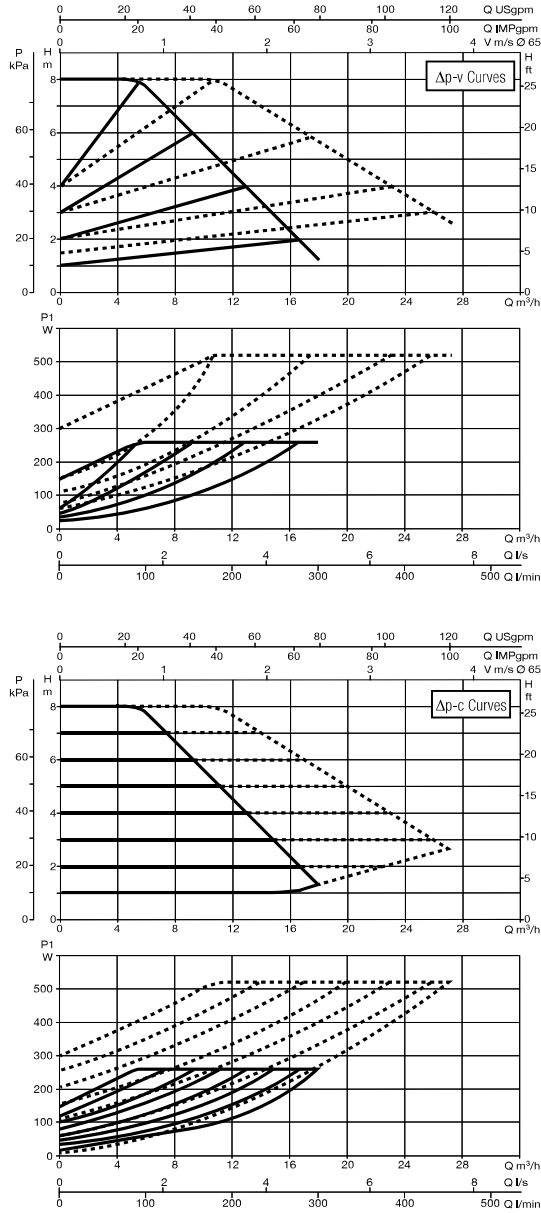
L	A1	A2	B	B1	B2	D	D1	D2	D3	D4
220	19	14	436	75	361	150	110	100	84	42

I	I1	I2	I3	M	H	H1	H2	H3	H4
130	130	53	80	M12	438	480	288	219	218

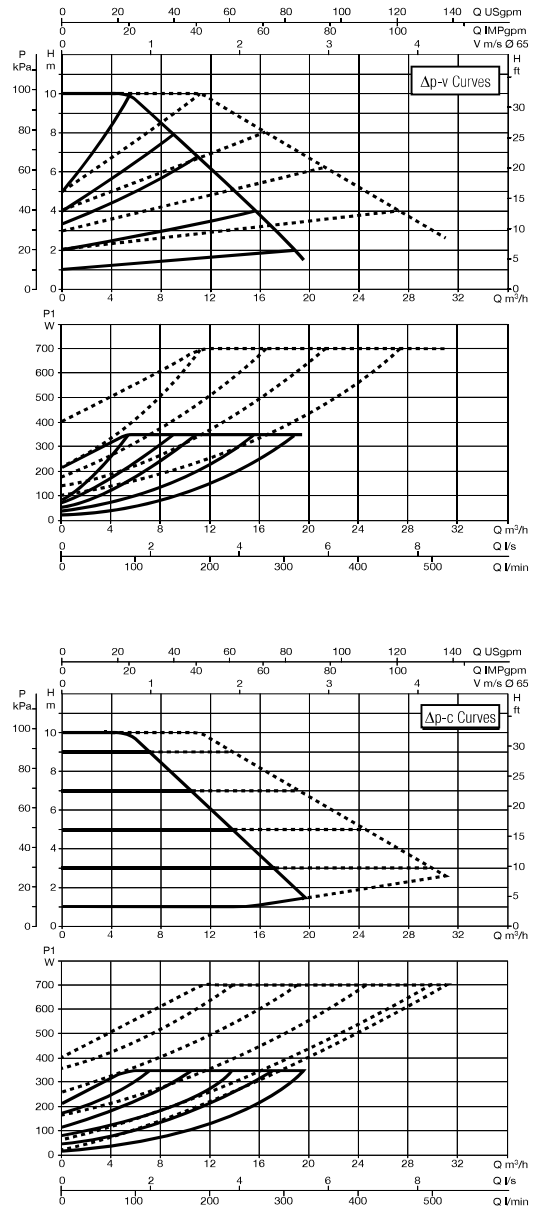
EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS D 80/220.40 M



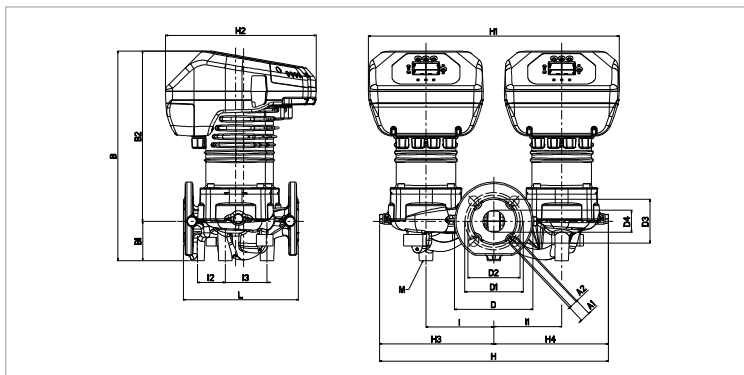
EVOPLUS D 100/220.40 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS D 80/220.40 M	220	DN40 PN 10	220/240 V	260	1,35	EEI ≤ 0,23	m.c.w.	20	25	38,6
EVOPLUS D 100/220.40 M	220	DN40 PN 10	220/240 V	350	1,75	EEI ≤ 0,23	m.c.w.	20	25	38,6

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



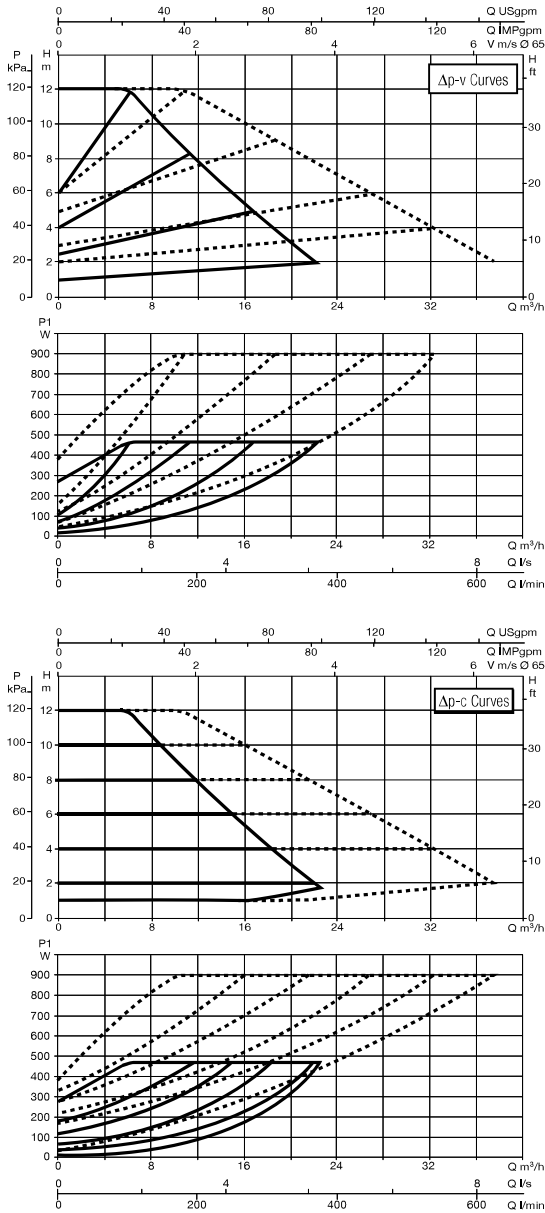
L	A1	A2	B	B1	B2	D	D1	D2	D3	D4
220	19	14	436	75	361	150	110	100	84	42

I	I1	I2	I3	M	H	H1	H2	H3	H4
130	130	53	80	M12	438	480	288	219	218

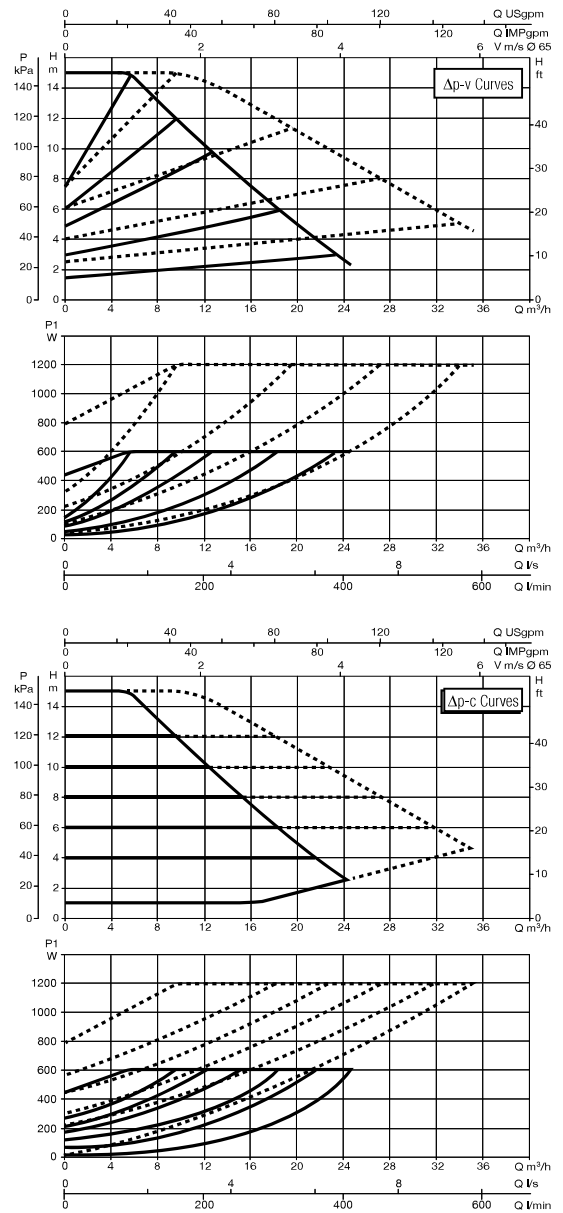
EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS D 120/250.40 M



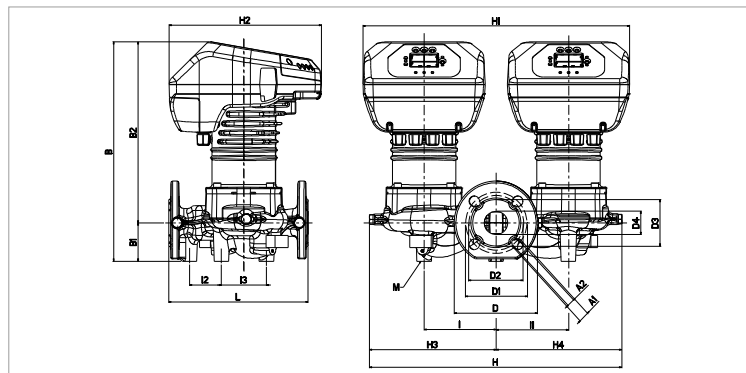
EVOPLUS D 150/250.40 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS D 120/250.40 M	250	DN40 PN 10	220/240 V	465	2,2	EEI ≤ 0,23	m.c.w.	20	25	38,8
EVOPLUS D 150/250.40 M	250	DN40 PN 10	220/240 V	610	2,9	EEI ≤ 0,23	m.c.w.	20	25	38,8

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



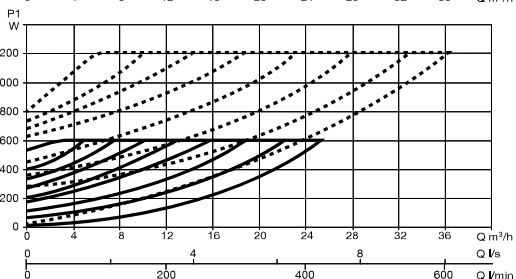
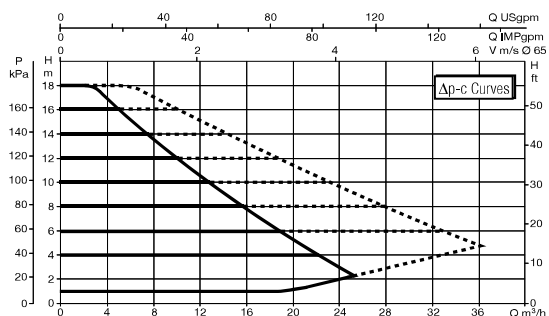
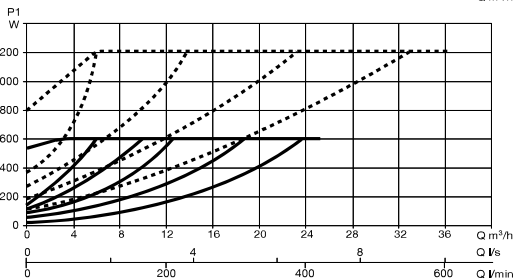
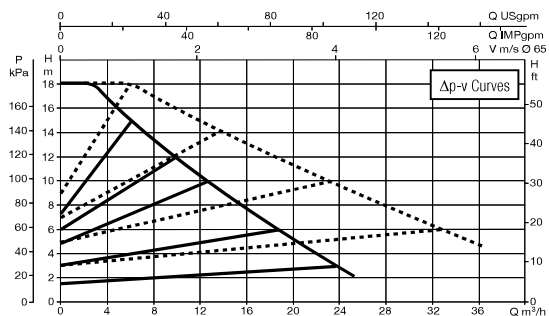
L	A1	A2	B	B1	B2	D	D1	D2	D3	D4
250	19	14	395	69	326	150	110	100	84	42

I	I1	I2	I3	M	H	H1	H2	H3	H4
130	130	58	81	M12	454	480	274	228	226

EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

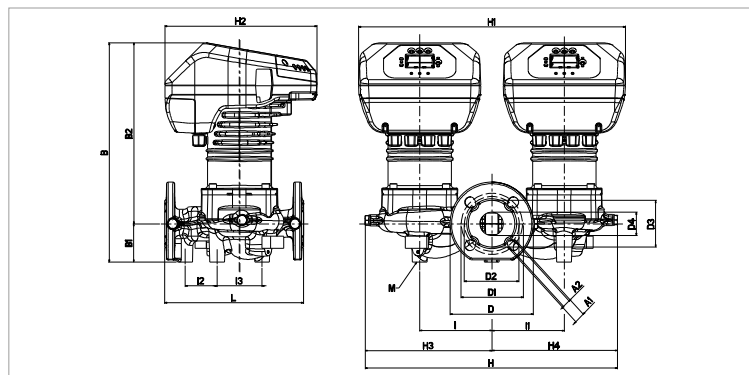
EVOPLUS D 180/250.40 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS D 180/250.40 M	250	DN40 PN 10	220/240 V	610	2,9	EEI ≤ 0,23	m.c.w.	20	25	38,8

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



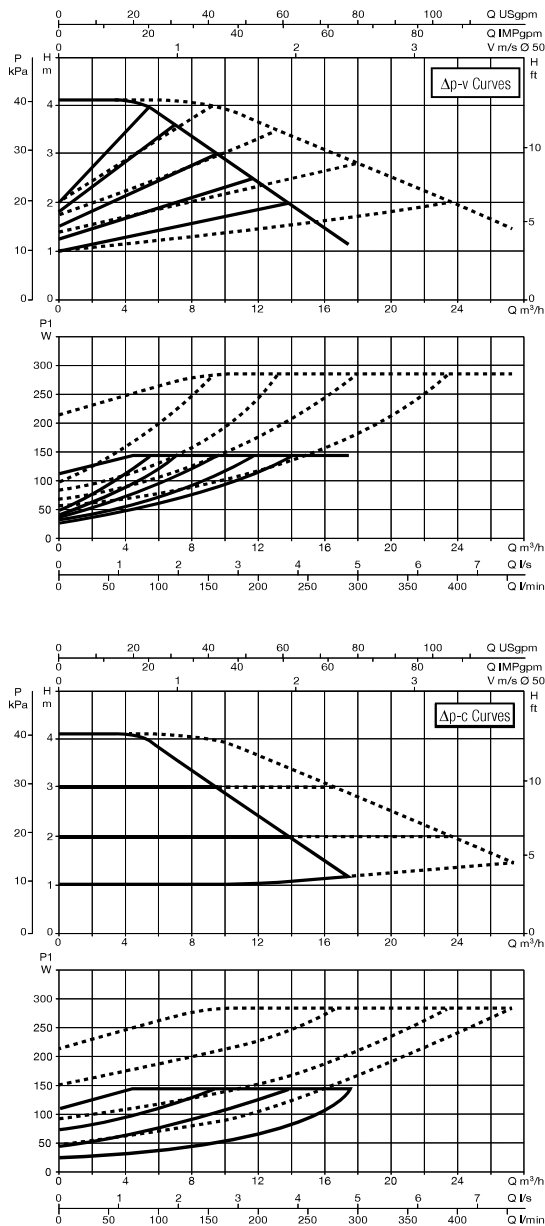
L	A1	A2	B	B1	B2	D	D1	D2	D3	D4
250	19	14	395	69	326	150	110	100	84	42

I	I1	I2	I3	M	H	H1	H2	H3	H4
130	130	58	81	M12	454	480	274	228	226

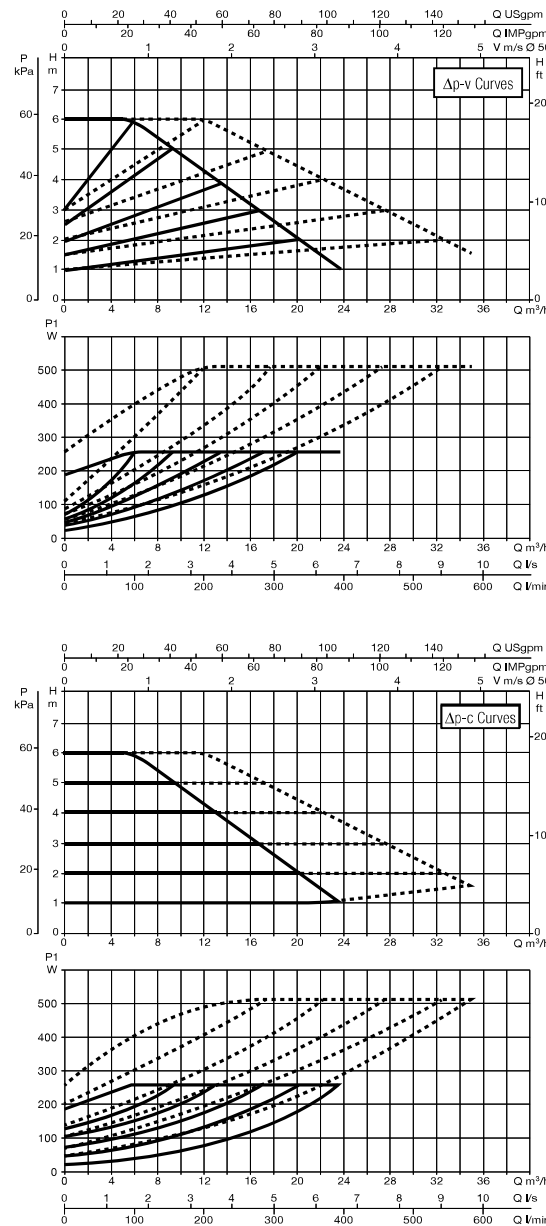
EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS D 40/240.50 M



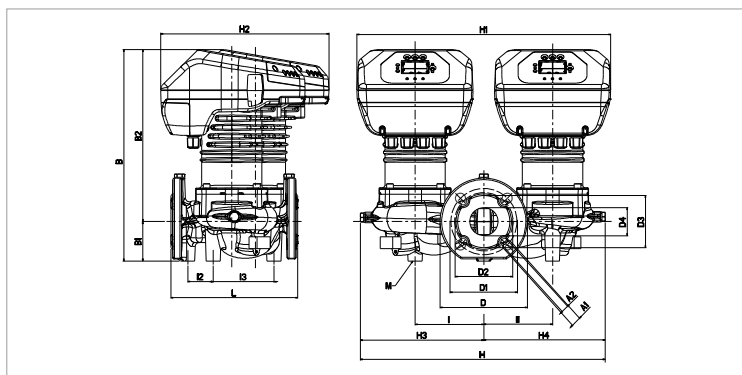
EVOPLUS D 60/240.50 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS D 40/240.50 M	240	DN50 PN 10	220/240 V	140	0.87	EEI ≤ 0,23	m.c.w.	20	25	40
EVOPLUS D 60/240.50 M	240	DN50 PN 10	220/240 V	260	1.35	EEI ≤ 0,22	m.c.w.	20	25	40

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



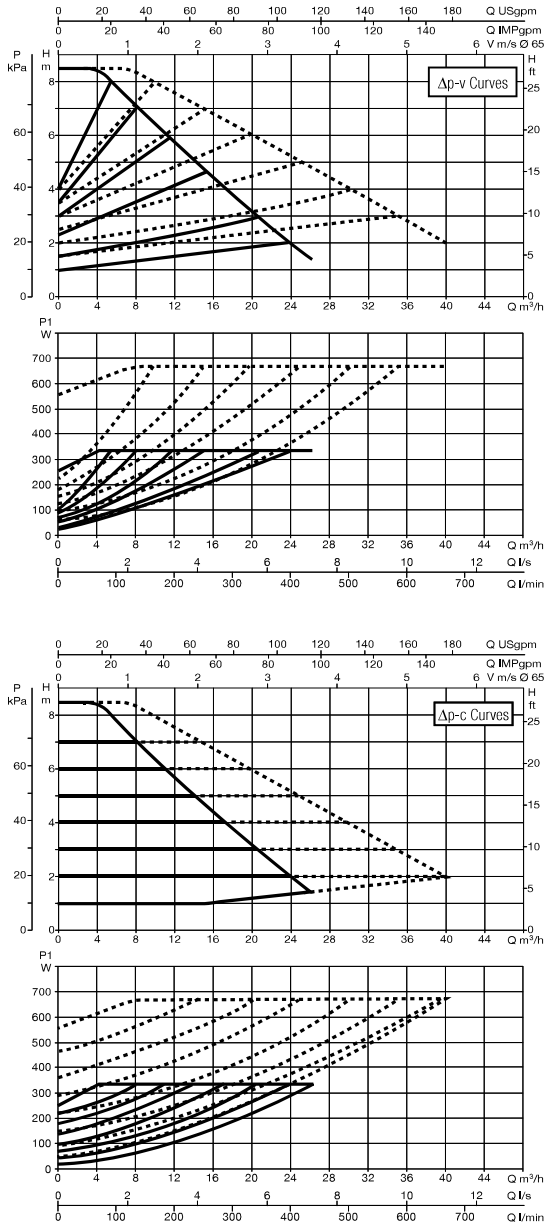
L	A1	A2	B	B1	B2	D	D1	D2	D3	D4
240	19	14	400	75	325	165	125	110	99	53

I	I1	I2	I3	M	H	H1	H2	H3	H4
130	130	48	115	M12	463	480	318	233	230

EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

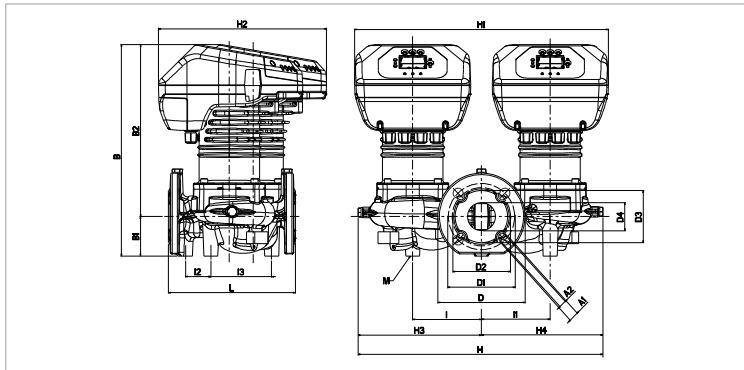
EVOPLUS D 80/240.50 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS D 80/240.50 M	240	DN50 PN 10	220/240 V	330	1,7	EEI ≤ 0,22	m.c.w.	20	25	40

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



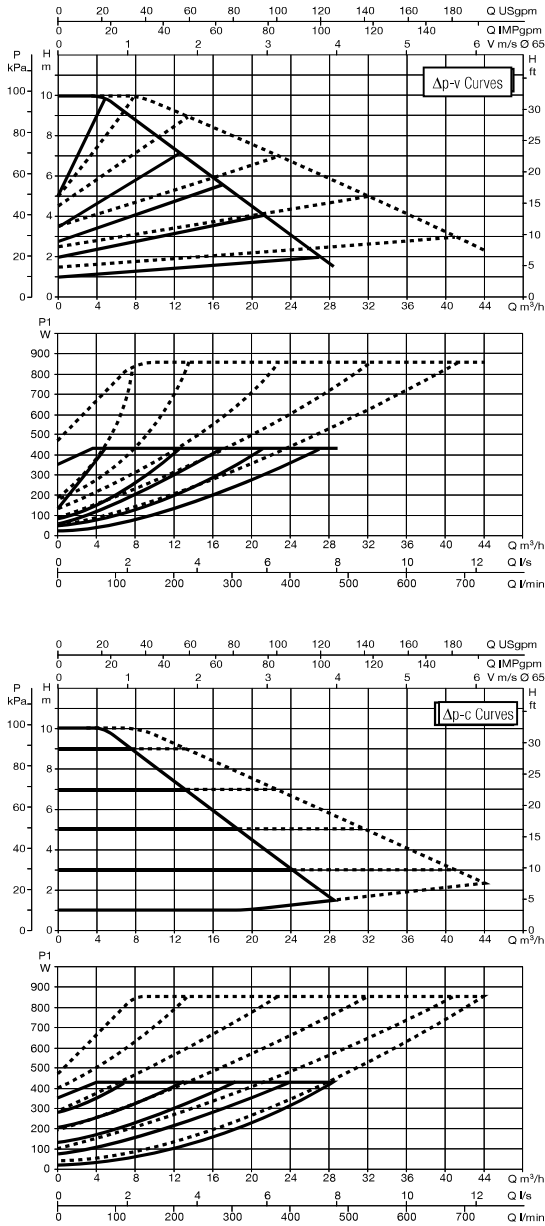
L	A1	A2	B	B1	B2	D	D1	D2	D3	D4
240	19	14	400	75	325	165	125	110	99	53

I	I1	I2	I3	M	H	H1	H2	H3	H4
130	130	48	115	M12	463	480	318	233	230

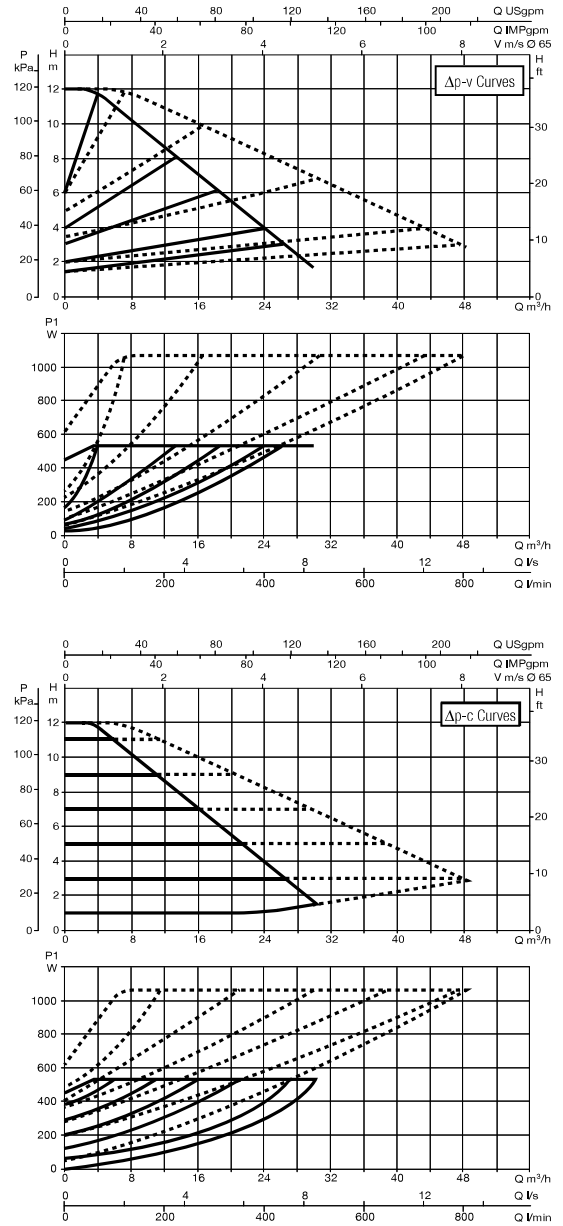
EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS D 100/280.50 M



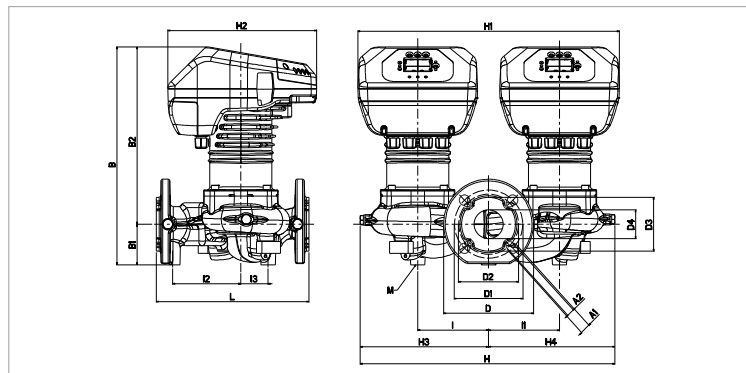
EVOPLUS D 120/280.50 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS D 100/280.50 M	280	DN50 PN 10	220/240 V	430	2,1	EEI ≤ 0,22	m.c.w.	20	25	39,4
EVOPLUS D 120/280.50 M	280	DN50 PN 10	220/240 V	530	2,5	EEI ≤ 0,22	m.c.w.	20	25	39,6

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



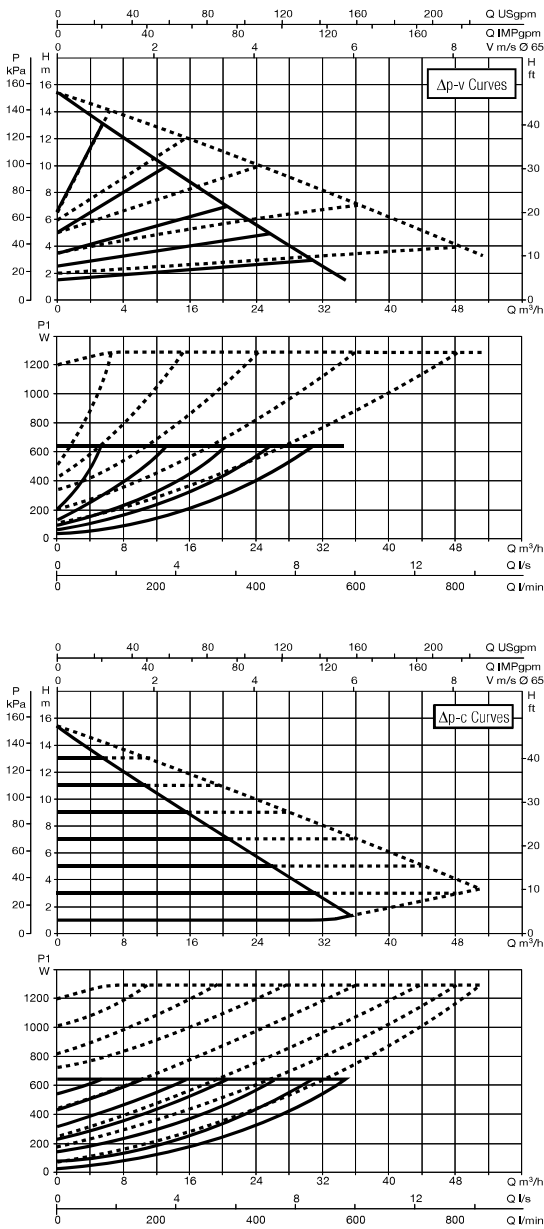
L	A1	A2	B	B1	B2	D	D1	D2	D3	D4
280	19	14	400	75	325	165	125	110	99	53

I	I1	I2	I3	M	H	H1	H2	H3	H4
130	130	125	50	M12	467	480	273	235	232

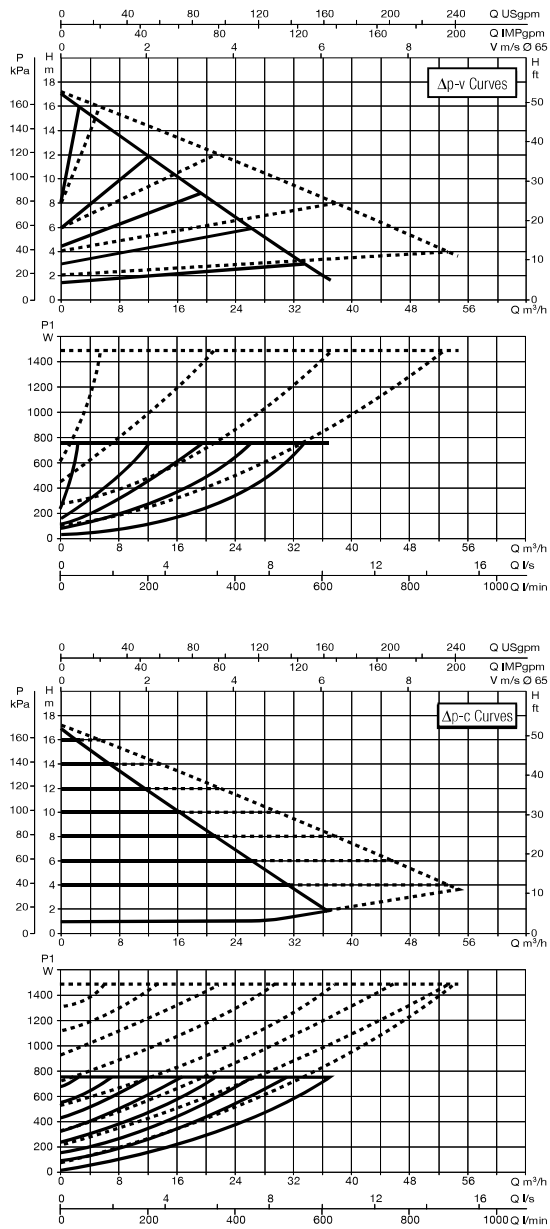
EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS D 150/280.50 M



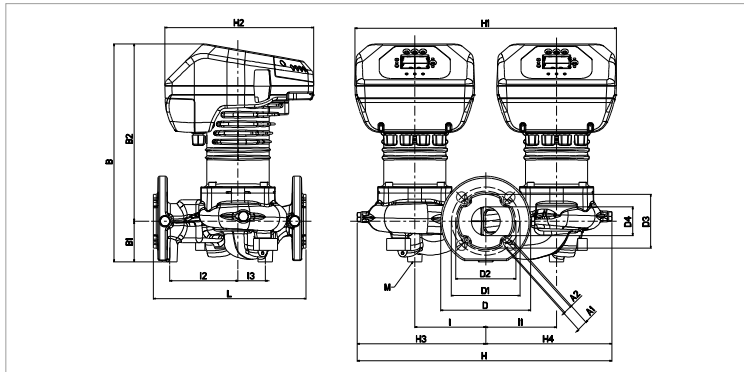
EVOPLUS D 180/280.50 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS D 150/280.50 M	280	DN50 PN 10	220/240 V	640	3	EEI ≤ 0,21	m.c.w.	20	25	41,6
EVOPLUS D 180/280.50 M	280	DN50 PN 10	220/240 V	750	3,45	EEI ≤ 0,21	m.c.w.	20	25	41,6

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



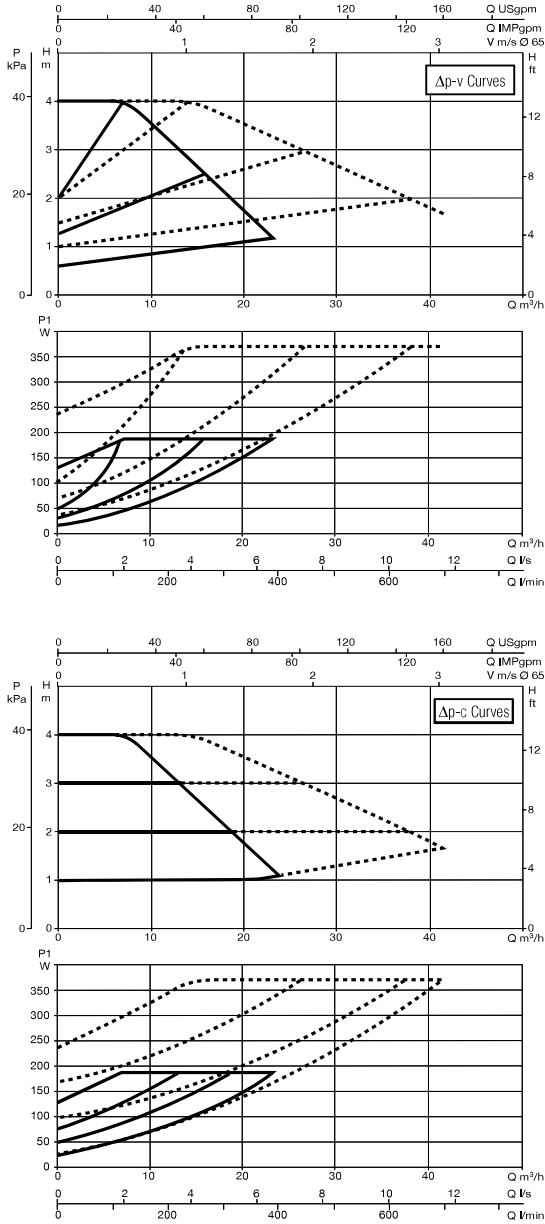
L	A1	A2	B	B1	B2	D	D1	D2	D3	D4
280	19	14	400	75	325	165	125	110	99	53

I	I1	I2	I3	M	H	H1	H2	H3	H4
130	130	125	50	M12	467	480	273	235	232

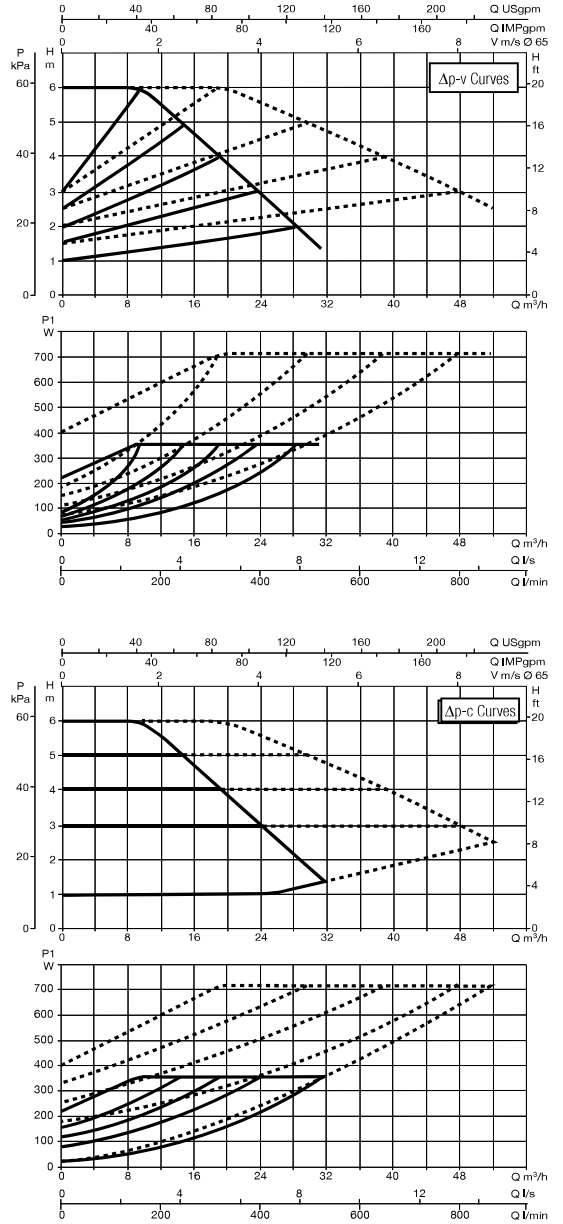
EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS D 40/340.65 M



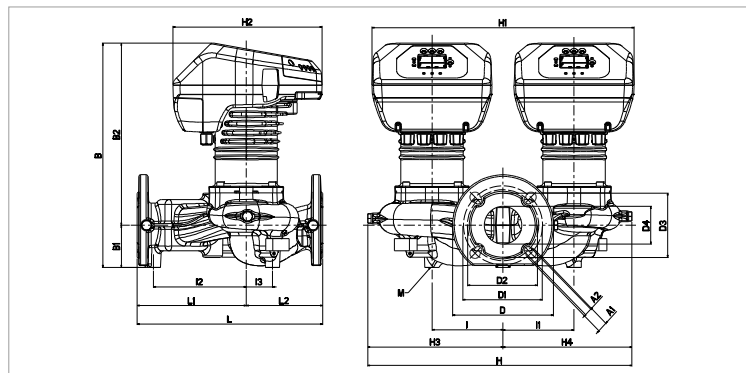
EVOPLUS D 60/340.65 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS D 40/340.65 M	340	DN65 PN 10	220/240 V	190	1,1	EEI ≤ 0,21	m.c.w.	20	25	43,4
EVOPLUS D 60/340.65 M	340	DN65 PN 10	220/240 V	355	1,8	EEI ≤ 0,21	m.c.w.	20	25	43,4

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



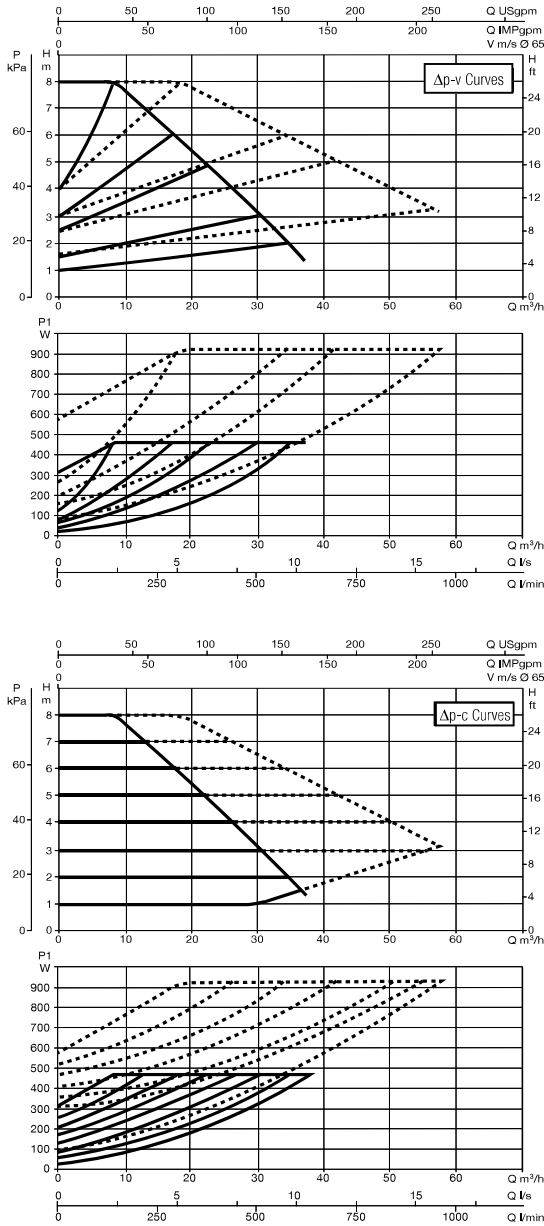
L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3
340	200	140	19	14	411	77	334	185	145	130	118

D4	I	H1	I2	I3	M	H	H1	H2	H3	H4
69	130	130	170	48	M12	484	480	273	248	236

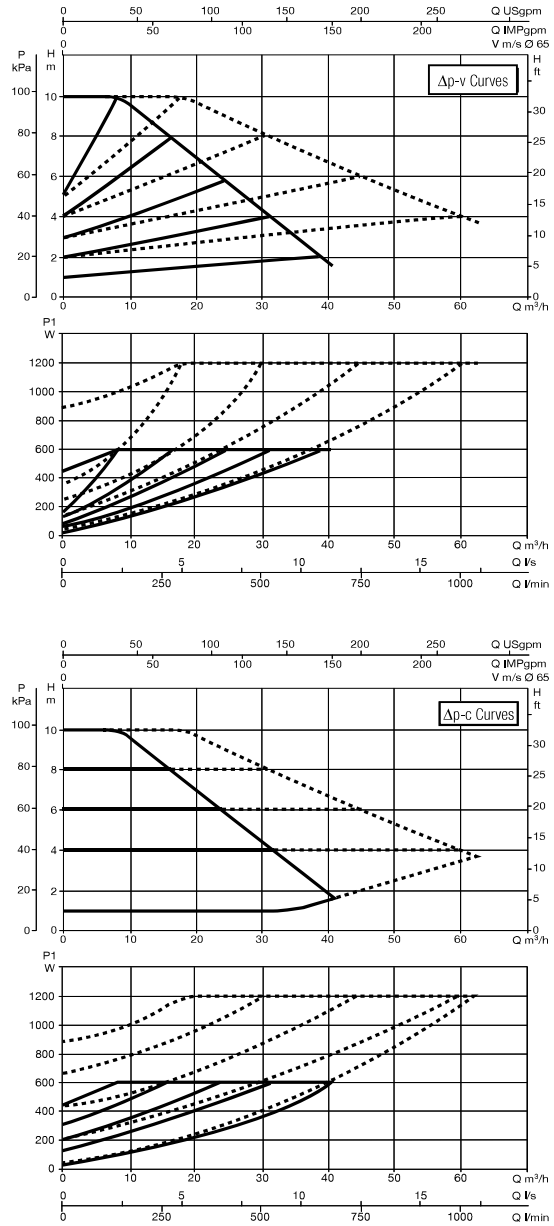
EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110°C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS D 80/340.65 M



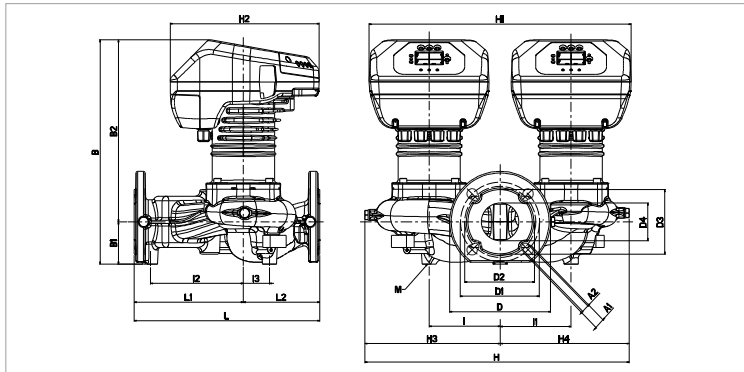
EVOPLUS D 100/340.65 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906, Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS D 80/340.65 M	340	DN65 PN 10	220/240 V	465	2,2	EEI ≤ 0,21	m.c.w.	20	25	43,4
EVOPLUS D 100/340.65 M	340	DN65 PN 10	220/240 V	590	2,8	EEI ≤ 0,20	m.c.w.	20	25	44,8

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



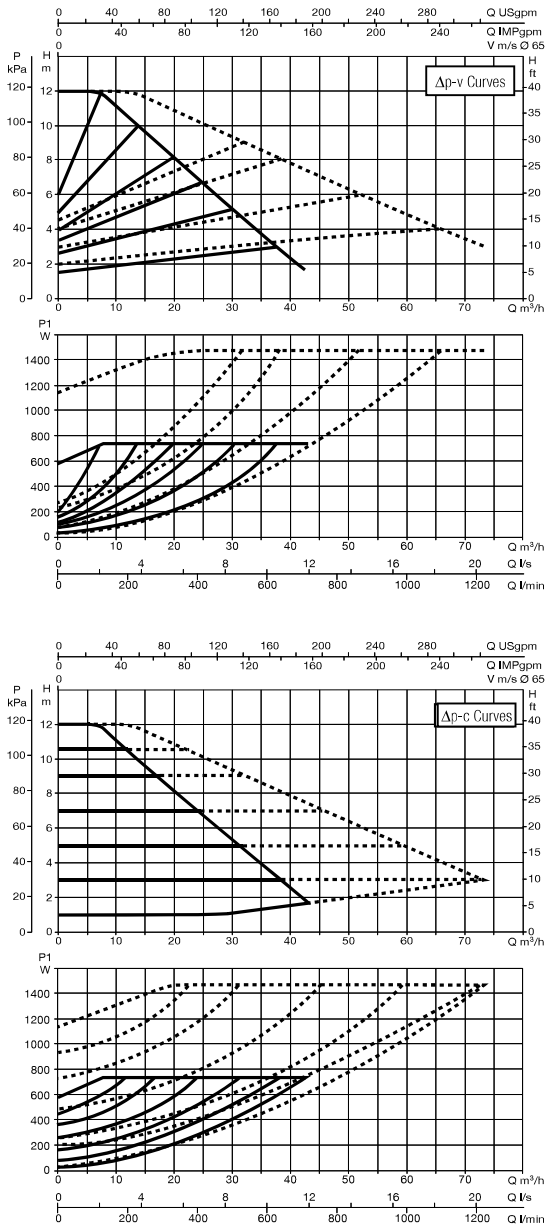
L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3
340	200	140	19	14	411	77	334	185	145	130	118

D4	I	I1	I2	I3	M	H	H1	H2	H3	H4
69	130	130	170	48	M12	484	480	273	248	236

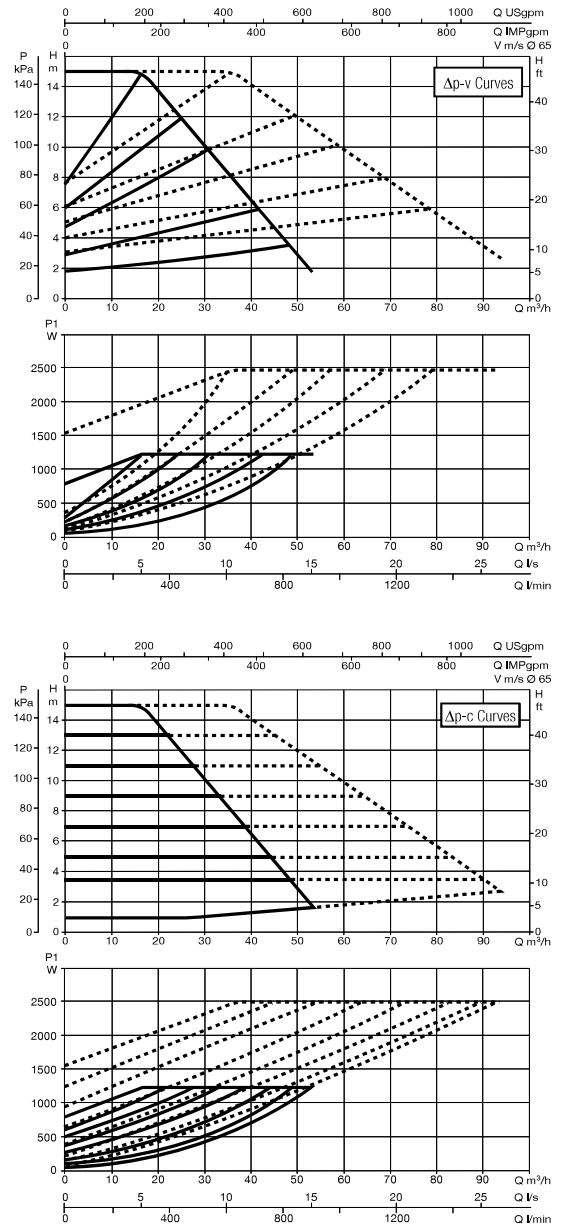
EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS D 120/340.65 M



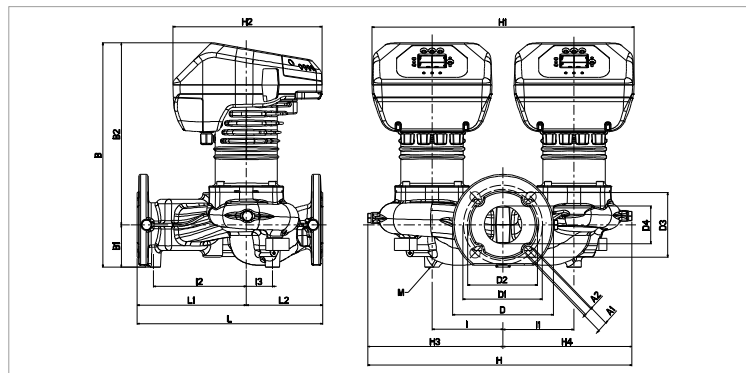
EVOPLUS D 150/340.65 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS D 120/340.65 M	340	DN65 PN 10	220/240 V	730	3,45	EEI ≤ 0,20	m.c.w.	20	25	45
EVOPLUS D 150/340.65 M	340	DN65 PN 10	220/240 V	1210	5,5	EEI ≤ 0,20	m.c.w.	20	25	49,4

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



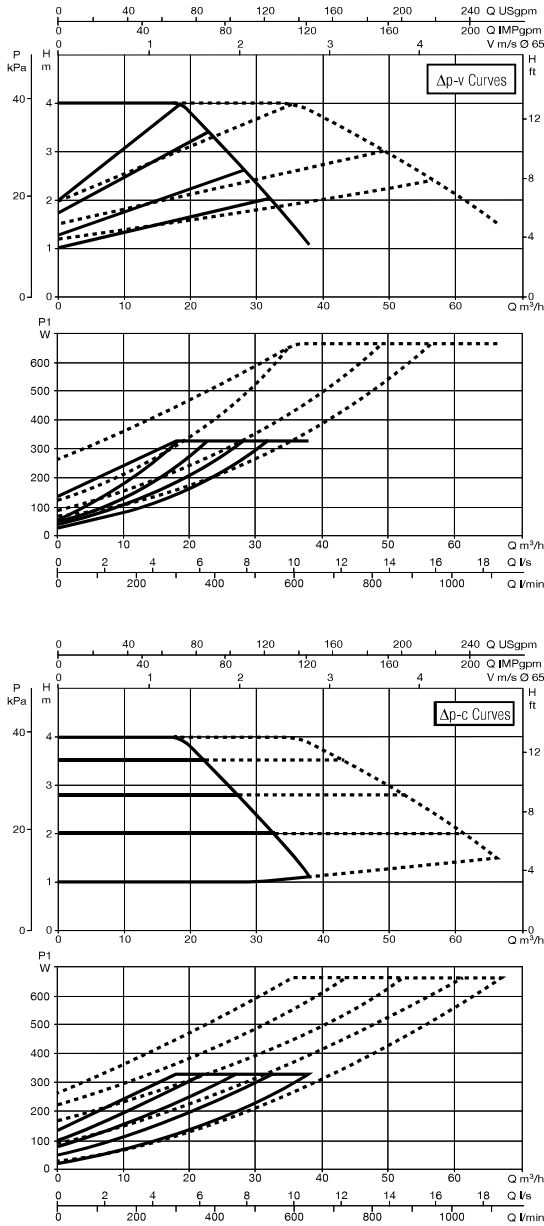
L	L1	L2	A1	A2	B	B1	B2	D	D1	D2	D3
340	200	140	19	14	411	77	334	185	145	130	118

D4	I	H1	I2	I3	M	H	H1	H2	H3	H4
69	130	130	170	48	M12	484	480	273	248	236

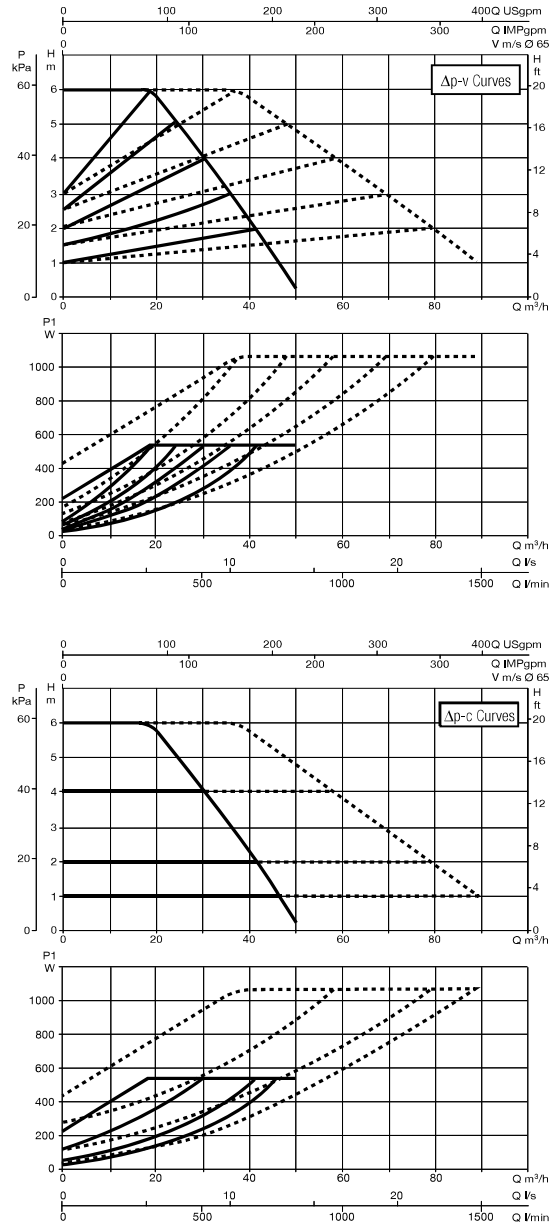
EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS D 40/360.80 M



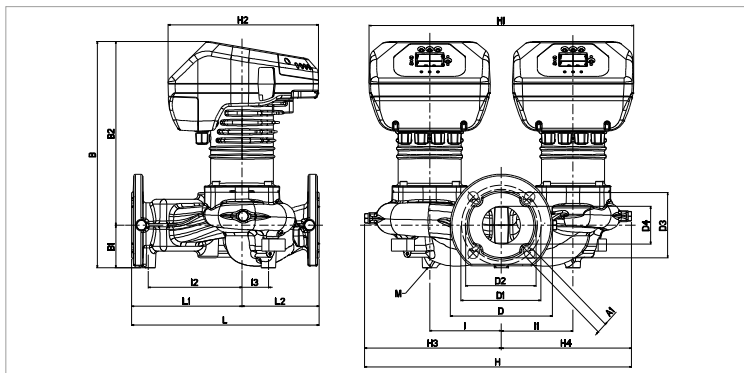
EVOPLUS D 60/360.80 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	I _n A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS D 40/360.80 M	360	DN80 PN 10	220/240 V	330	1,65	EEI ≤ 0,20	m.c.w.	20	25	52
EVOPLUS D 60/360.80 M	360	DN80 PN 10	220/240 V	535	2,5	EEI ≤ 0,20	m.c.w.	20	25	52

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



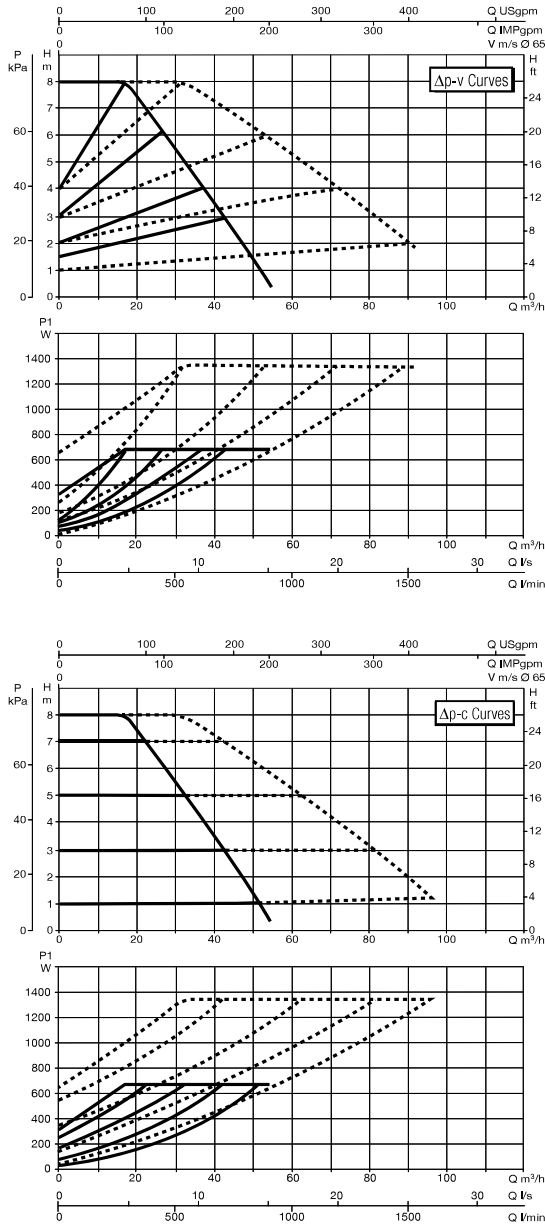
L	L1	L2	A1	B	B1	B2	D	D1	D3	D4
360	200	160	19	437	96	341	200	160	132	80

I	H1	H2	H3	M	H	H1	H2	H3	H4
130	130	160	58	M12	515	480	273	262	253

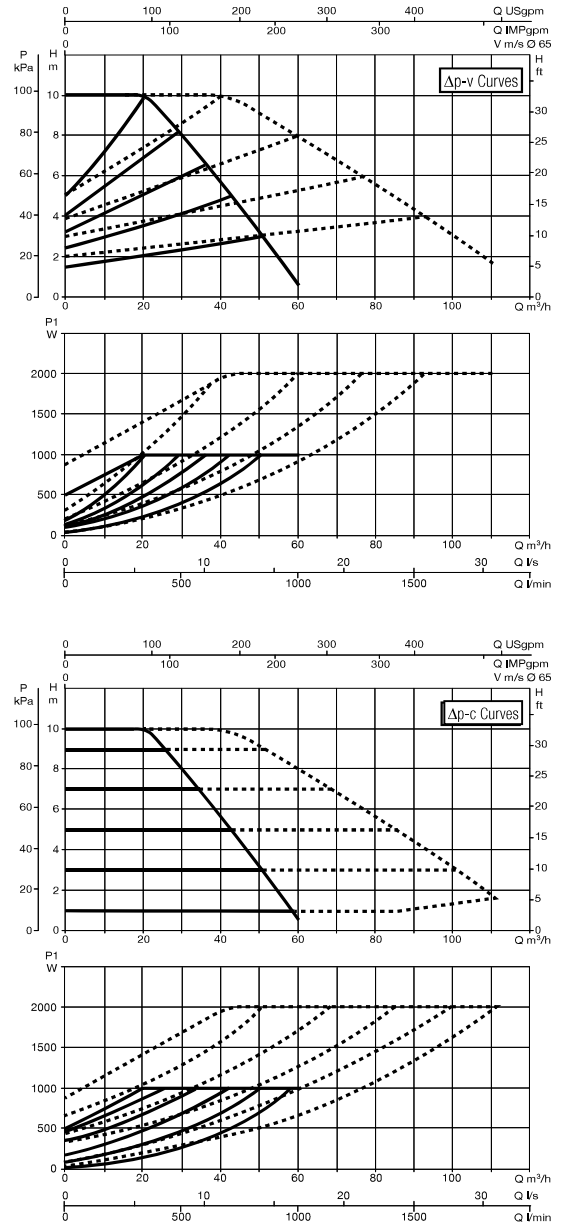
EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS D 80/360.80 M



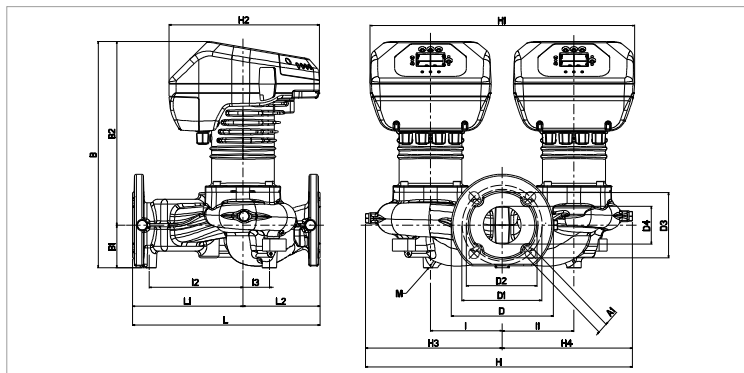
EVOPLUS D 100/360.80 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			PESO Kg
							t°	90°	100°	
EVOPLUS D 80/360.80 M	360	DN80 PN 10	220/240 V	670	3	EEI ≤ 0,20	m.c.w.	20	25	57
EVOPLUS D 100/360.80 M	360	DN80 PN 10	220/240 V	1005	4,5	EEI ≤ 0,19	m.c.w.	20	25	56

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



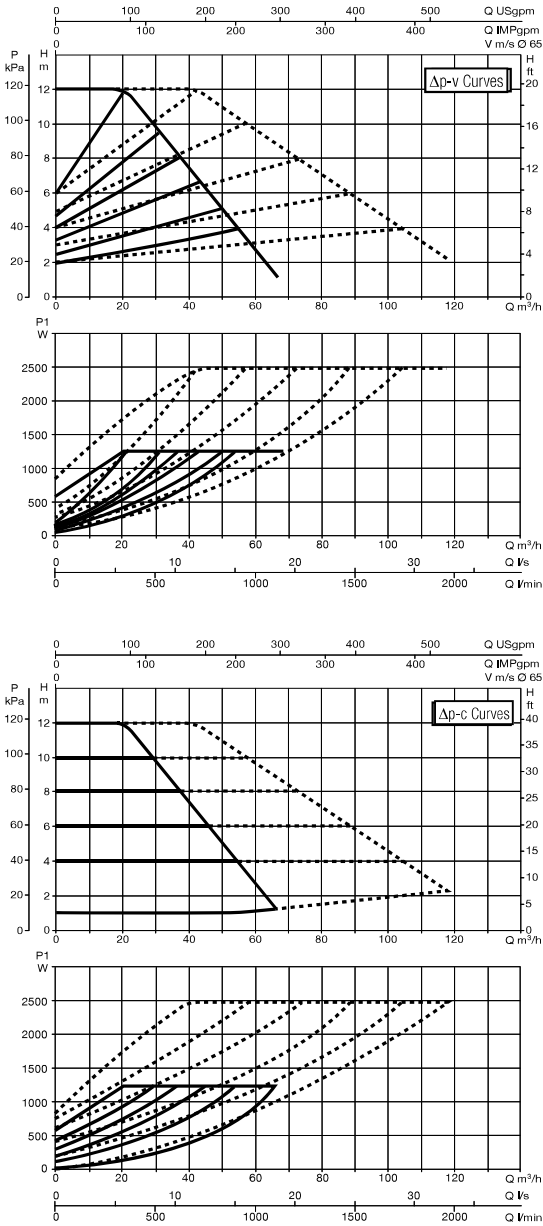
L	L1	L2	A1	B	B1	B2	D	D1	D3	D4
360	200	160	19	437	96	341	200	160	132	80

I	I1	I2	I3	M	H	H1	H2	H3	H4
130	130	160	58	M12	515	480	273	262	253

EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

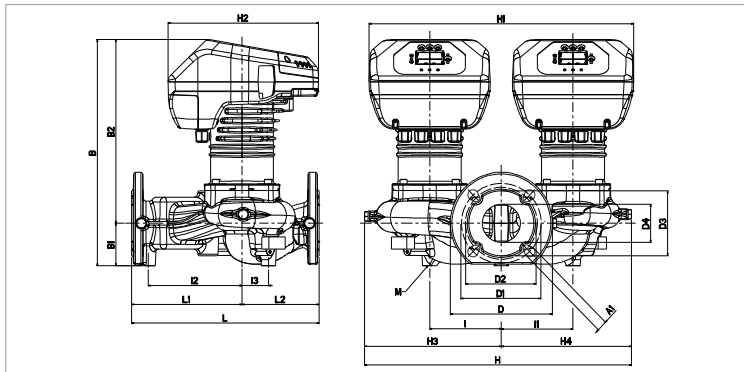
EVOPLUS D 120/360.80 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS D 120/360.80 M	360	DN80 PN 10	220/240 V	1235	5,5	EEI ≤ 0,19	m.c.w.	20	25	56,4

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



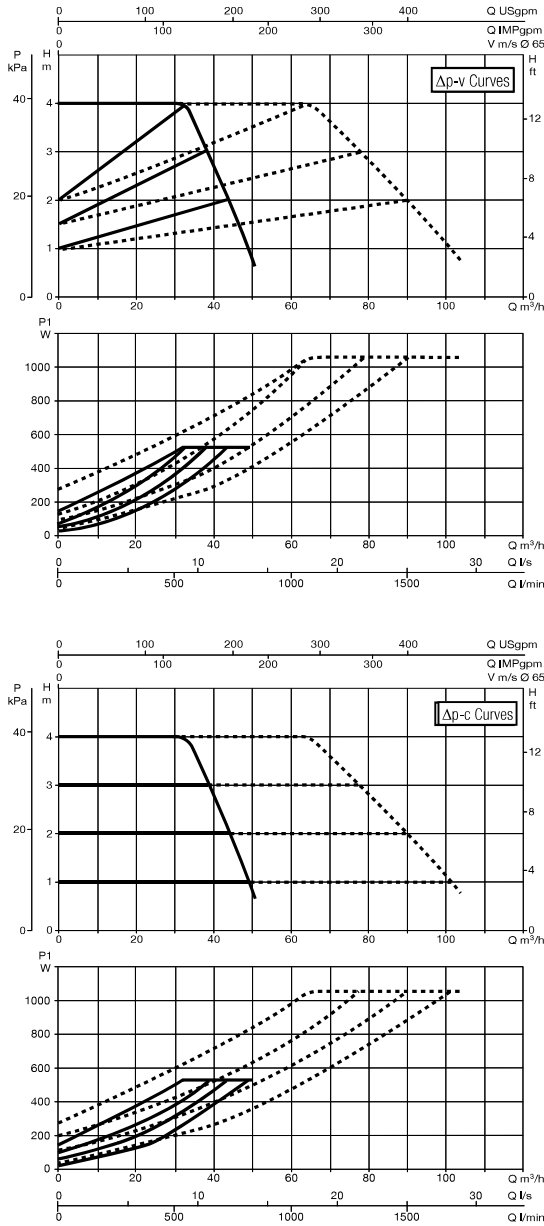
L	L1	L2	A1	B	B1	B2	D	D1	D3	D4
360	200	160	19	437	96	341	200	160	132	80

I	H1	H2	H3	M	H	H1	H2	H3	H4
130	130	160	58	M12	515	480	273	262	253

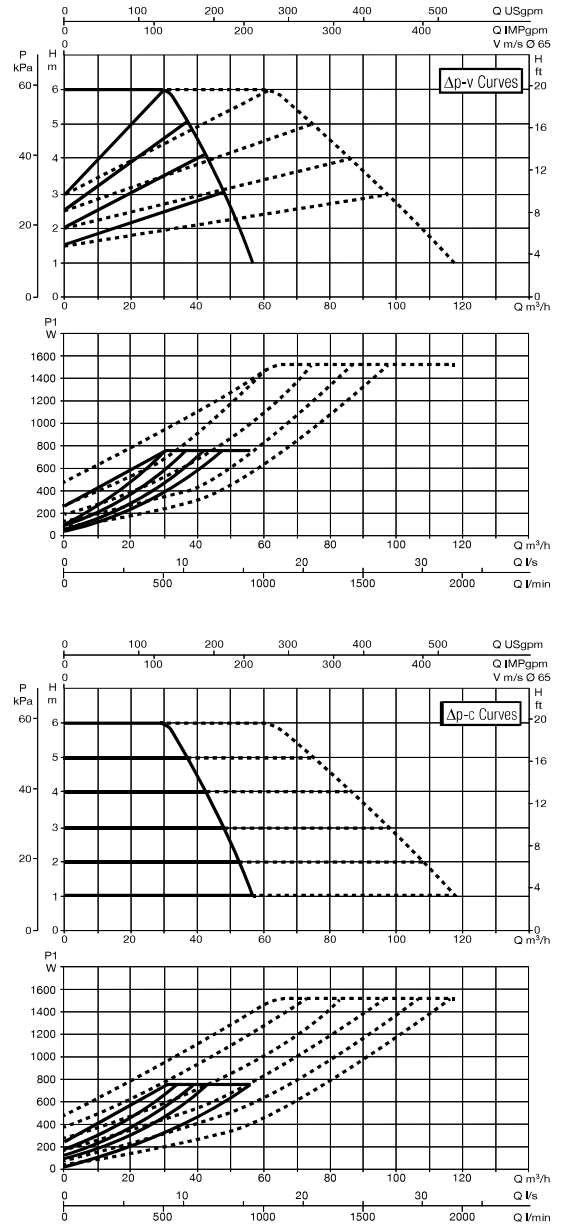
EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS D 40/450,100 M



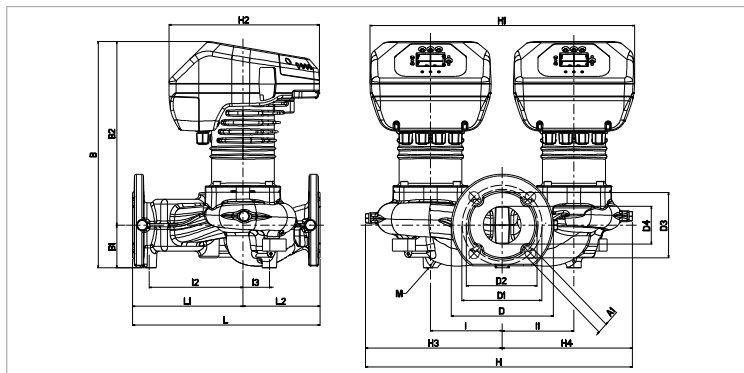
EVOPLUS D 60/450,100 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS D 40/450.100 M	450	DN100 PN 10	220/240 V	530	2,5	EEI ≤ 0,19	m.c.w.	20	25	67,8
EVOPLUS D 60/450.100 M	450	DN100 PN 10	220/240 V	760	3,5	EEI ≤ 0,19	m.c.w.	20	25	67,8

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



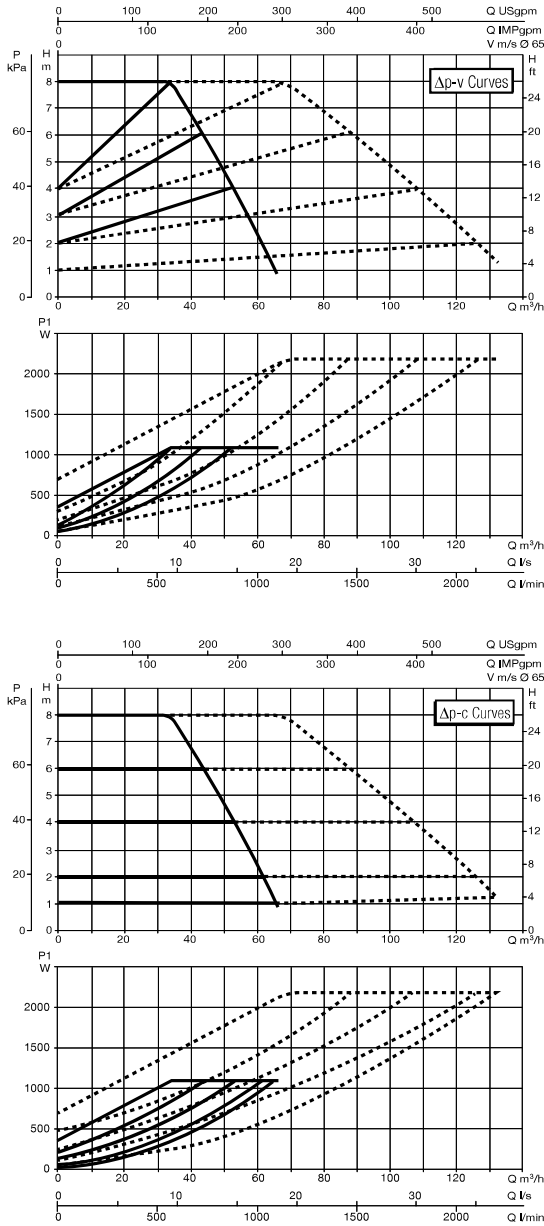
L	L1	L2	A1	B	B1	B2	D	D1	D3	D4
450	260	190	19	456	103	353	220	180	156	105

I	I1	I2	I3	M	H	H1	H2	H3	H4
135	135	200	43	12	517	490	273	265	252

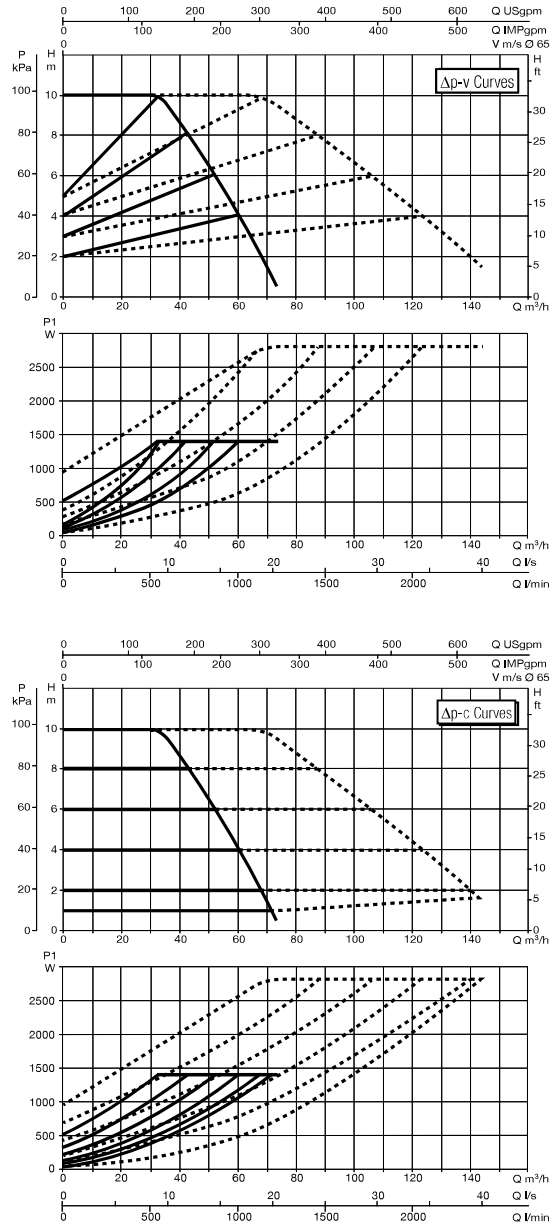
EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS D 80/450,100 M



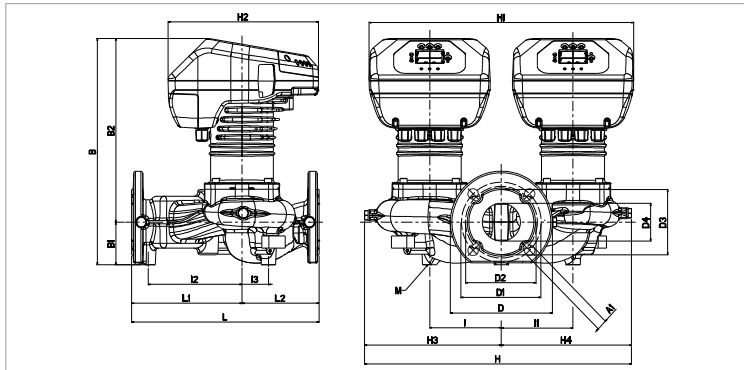
EVOPLUS D 100/450,100 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS D 80/450.100 M	450	DN100 PN 10	220/240 V	1080	4,8	EEI ≤ 0,20	m.c.w.	20	25	68
EVOPLUS D 100/450.100 M	450	DN100 PN 10	220/240 V	1380	6	EEI ≤ 0,20	m.c.w.	20	25	68

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



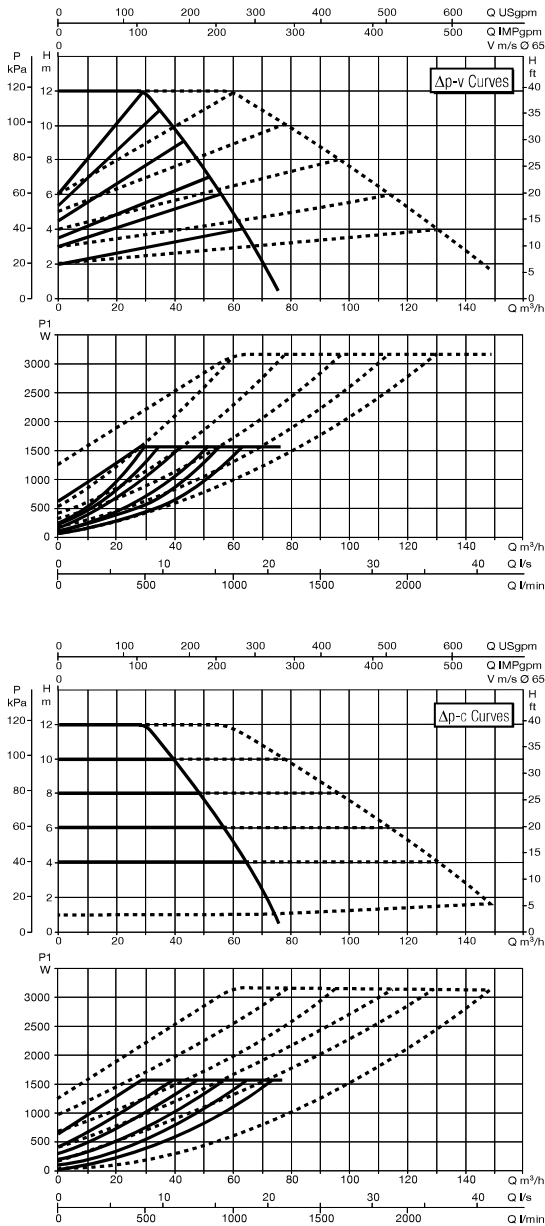
L	L1	L2	A1	B	B1	B2	D	D1	D3	D4
450	260	190	19	456	103	353	220	180	156	105

I	H1	I2	I3	M	H	H1	H2	H3	H4
135	135	200	43	12	517	490	273	265	252

EVOPLUS - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

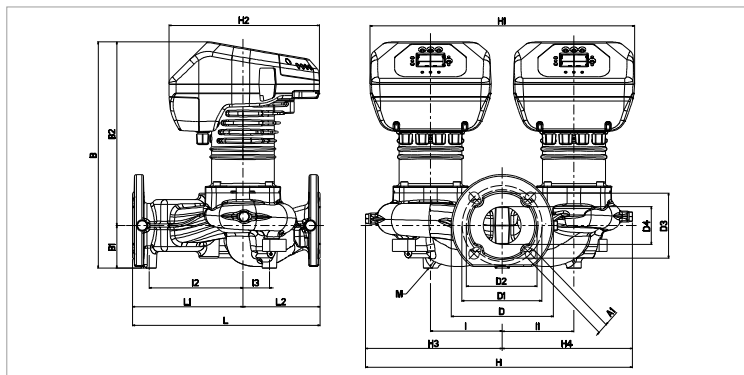
EVOPLUS D 120/450,100 M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	EEI*	MINIMUM SUCTION PRESSURE			WEIGHT Kg
							t°	90°	100°	
EVOPLUS D 120/450.100 M	450	DN100 PN 10	220/240 V	1560	7	EEI ≤ 0,20	m.c.w.	20	25	67,8

* The parameter of reference for the more efficient circulators is EEI ≤ 0,20.



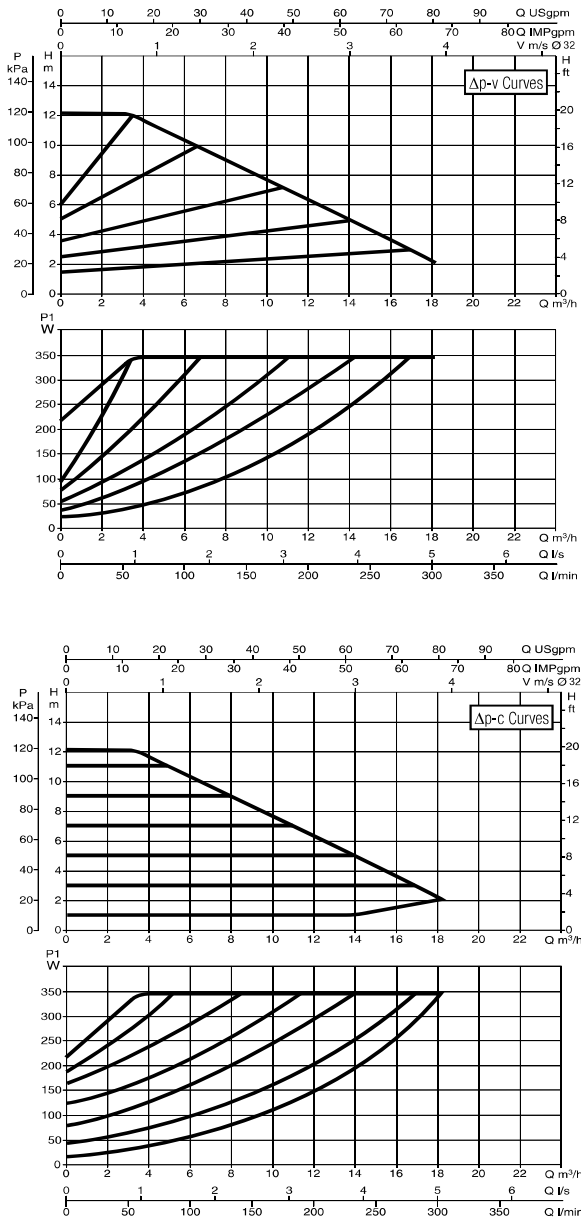
L	L1	L2	A1	B	B1	B2	D	D1	D3	D4
450	260	190	19	456	103	353	220	180	156	105

I	I1	I2	I3	M	H	H1	H2	H3	H4
135	135	200	43	12	517	490	273	265	252

EVOPLUS SAN - WET ROTOR ELECTRONIC CIRCULATORS

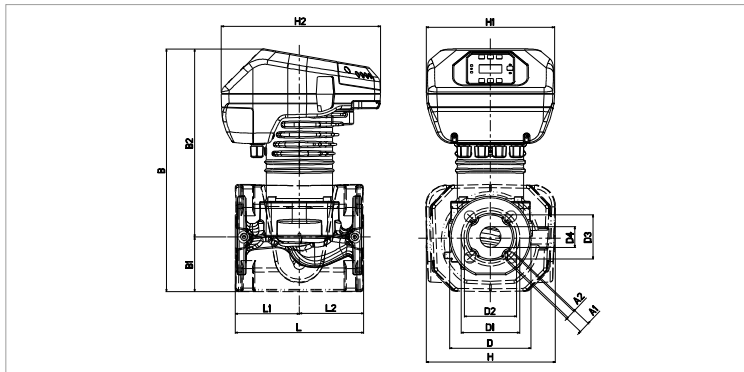
Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS B 120/220.32 SAN M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906, Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	MINIMUM SUCTION PRESSURE			WEIGHT Kg
						t°	90°	100°	
EVOPLUS B 120/220.32 SAN M	220	DN 32 PN 6	220/240 V	340	1,7	m.c.w.	20	25	24



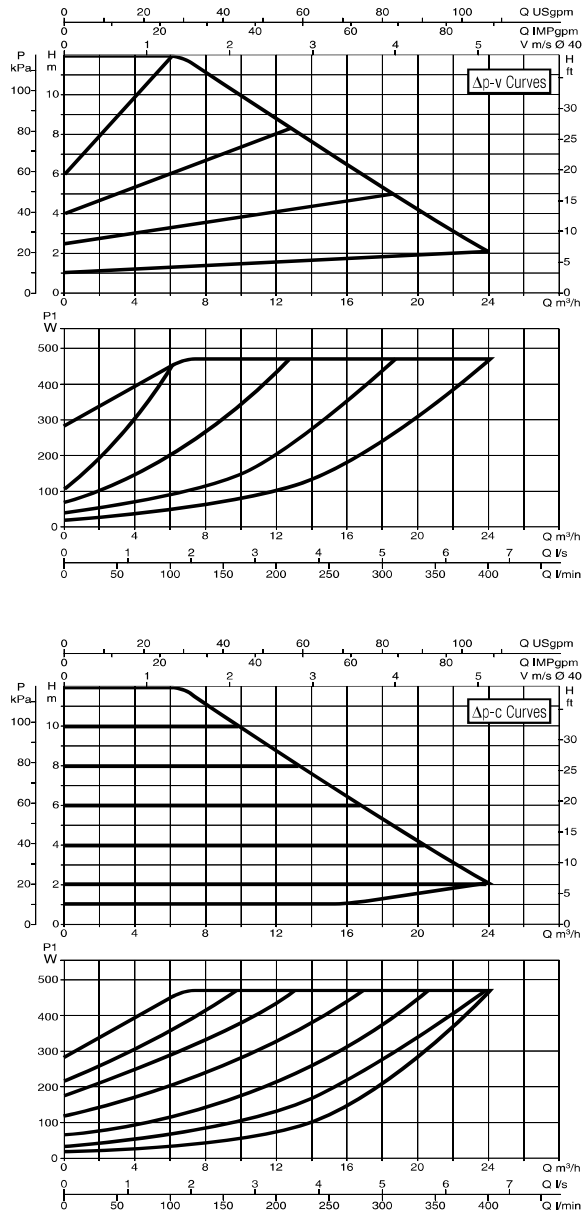
L	L1	L2	A1	A2	B	B1	B2
220	110	110	19	14	417	94	323

D	D1	D2	D3	D4	H	H1	H2
140	100	90	76	36	222	220	273

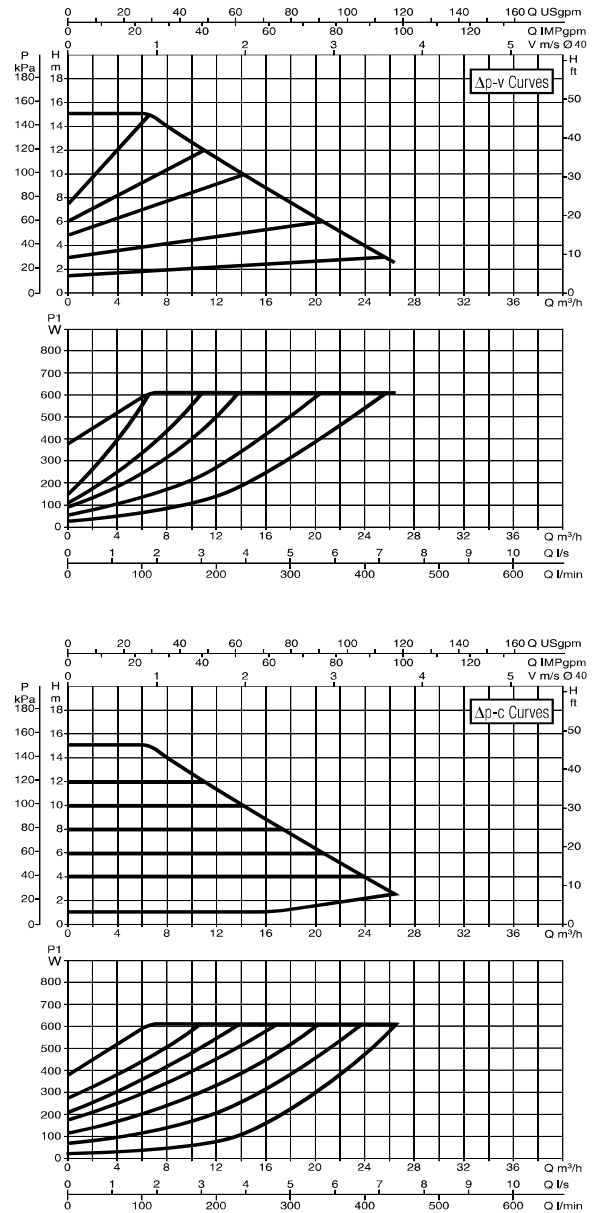
EOPLUS SAN - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EOPLUS B 120/250.40 SAN M

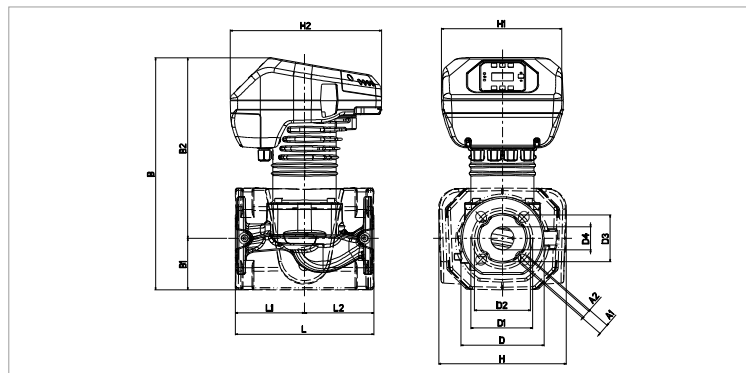


EOPLUS B 150/250.40 SAN M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	MINIMUM SUCTION PRESSURE			WEIGHT Kg
						t°	90°	100°	
EOPLUS B 120/250.40 SAN M	250	DN 40 PN 10	220/240 V	465	2,2	m.c.w.	20	25	22
EOPLUS B 150/250.40 SAN M	250	DN 40 PN 10	220/240 V	610	2,9	m.c.w.	20	25	20



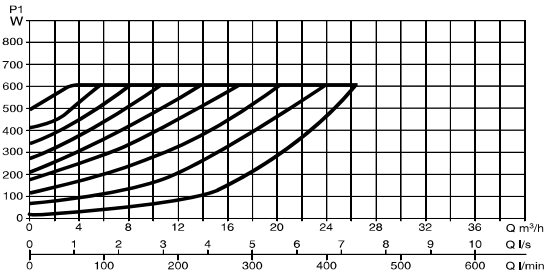
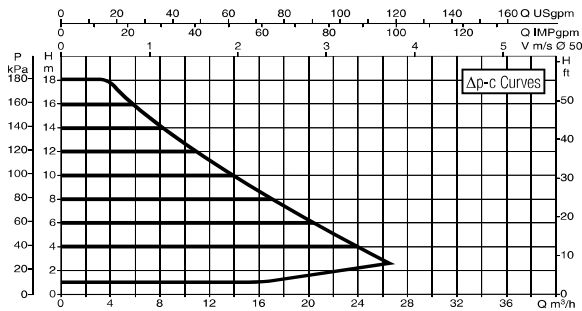
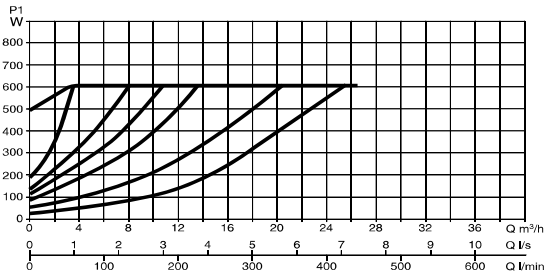
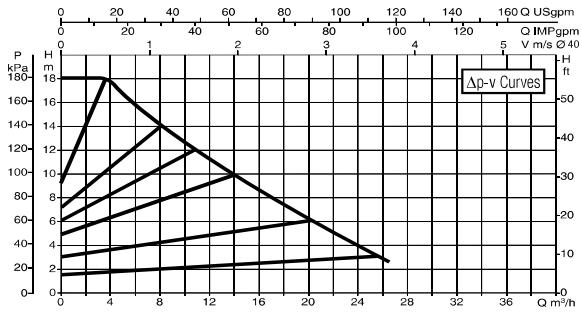
L	L1	L2	A1	A2	B	B1	B2
250	125	125	19	14	419	93	326

D	D1	D2	D3	D4	H	H1	H2
150	110	100	84	42	230	220	273

EVOPLUS SAN - WET ROTOR ELECTRONIC CIRCULATORS

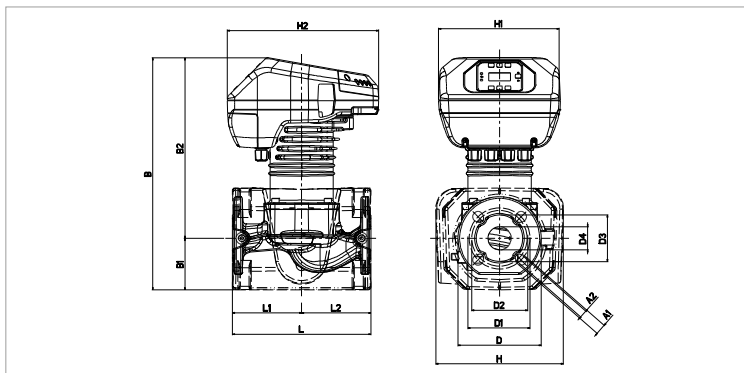
Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS B 180/250.40 SAN M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906, Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	MINIMUM SUCTION PRESSURE			WEIGHT Kg
						t°	90°	100°	
EVOPLUS B 180/250.40 SAN M	250	DN 40 PN 10	220/240 V	610	2,9	m.c.w.	20	25	20



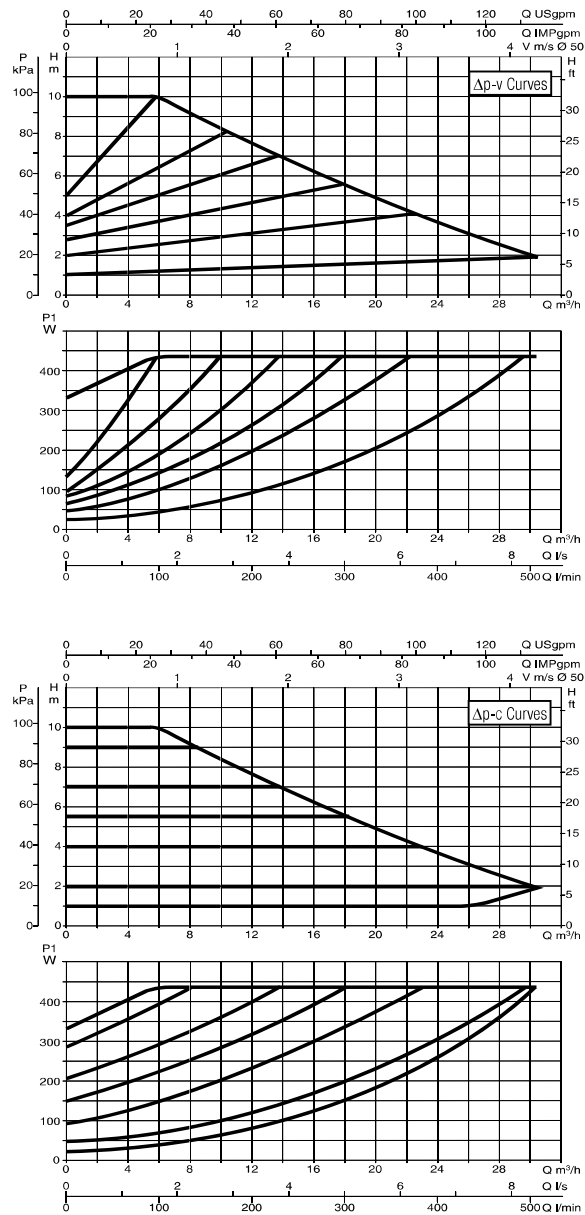
L	L1	L2	A1	A2	B	B1	B2
250	125	125	19	14	419	93	326

D	D1	D2	D3	D4	H	H1	H2
150	110	100	84	42	230	220	273

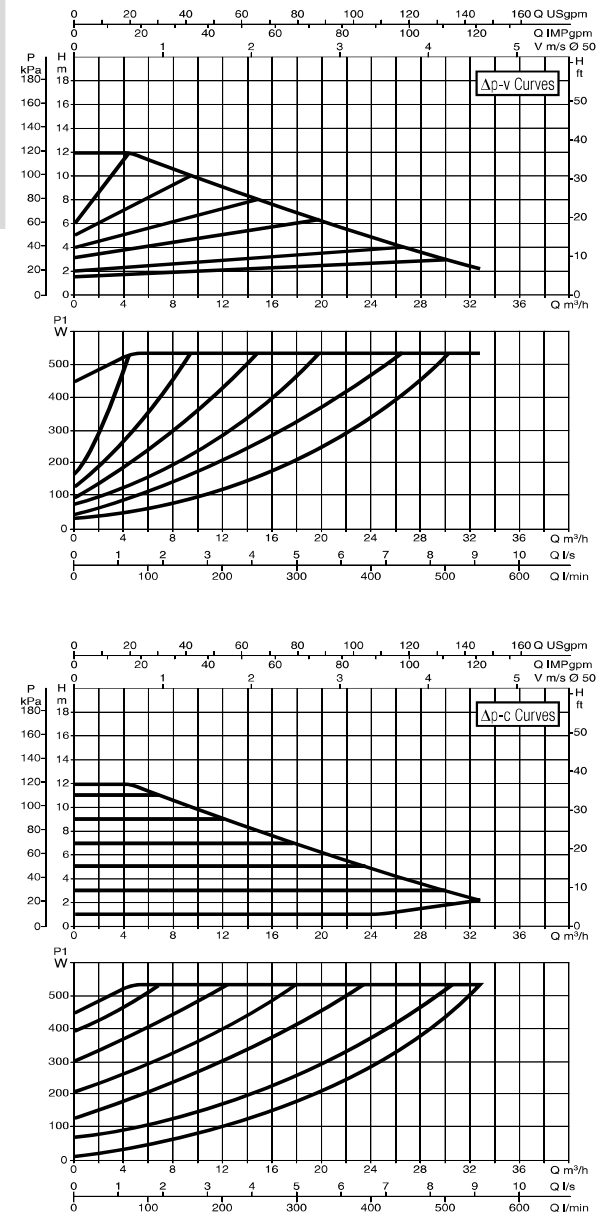
EVOPLUS SAN - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS B 100/280.50 SAN M

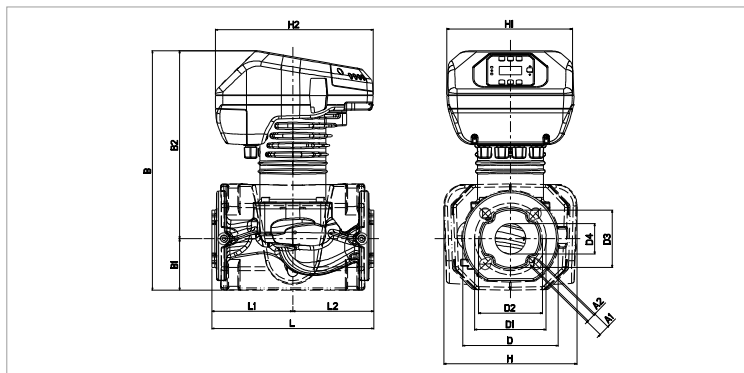


EVOPLUS B 120/280.50 SAN M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	MINIMUM SUCTION PRESSURE			WEIGHT Kg
						t°	90°	100°	
EVOPLUS B 100/280.50 SAN M	280	DN 50 PN 10	220/240 V	430	2,1	m.c.w.	20	25	22
EVOPLUS B 120/280.50 SAN M	280	DN 50 PN 10	220/240 V	530	2,5	m.c.w.	20	25	21,8



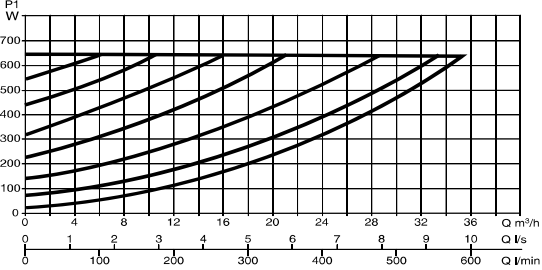
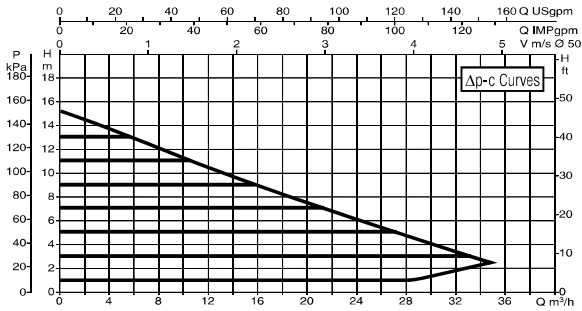
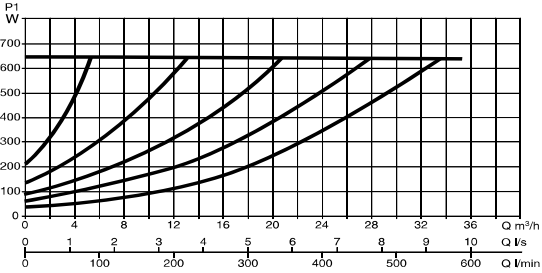
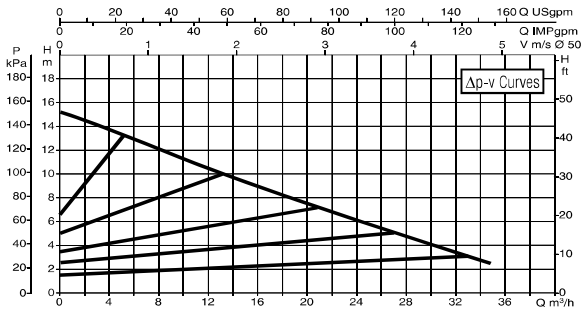
L	L1	L2	A1	A2	B	B1	B2
280	140	140	19	14	413	87	325

D	D1	D2	D3	D4	H	H1	H2
165	125	110	99	53	230	220	273

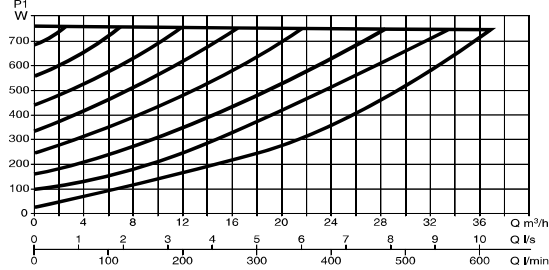
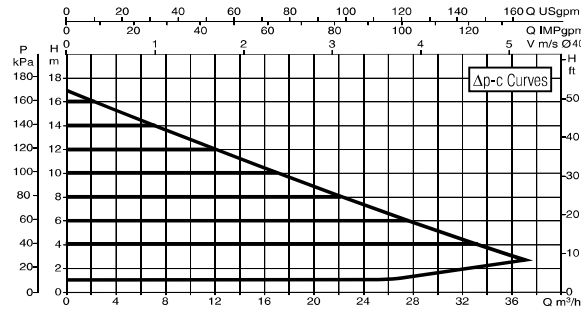
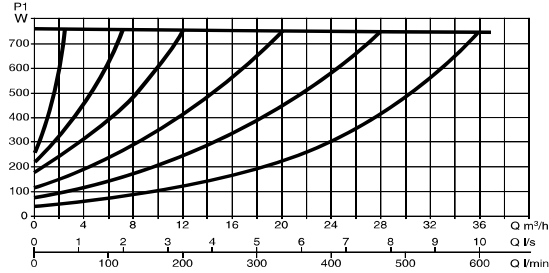
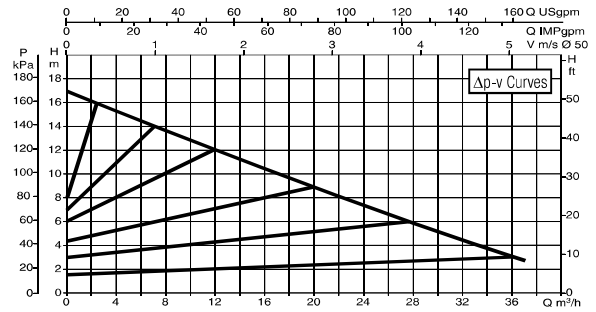
EVOPLUS SAN - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS B 150/280.50 SAN M

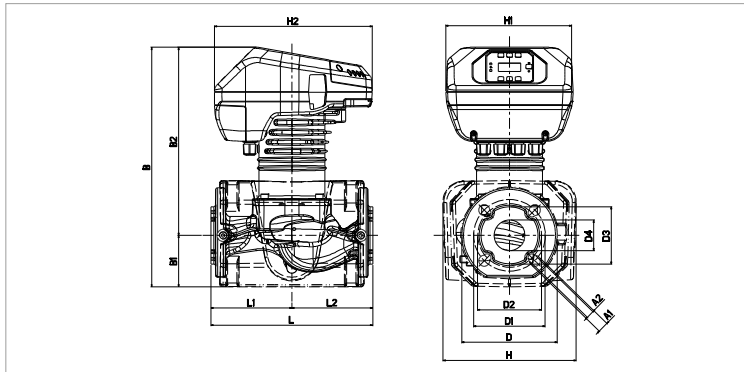


EVOPLUS B 180/280.50 SAN M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906, Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	MINIMUM SUCTION PRESSURE			WEIGHT Kg
						t°	90°	100°	
EVOPLUS B 150/280.50 SAN M	280	DN 50 PN 10	220/240 V	640	3	m.c.w.	20	25	22,8
EVOPLUS B 180/280.50 SAN M	280	DN 50 PN 10	220/240 V	750	3,45	m.c.w.	20	25	22,8



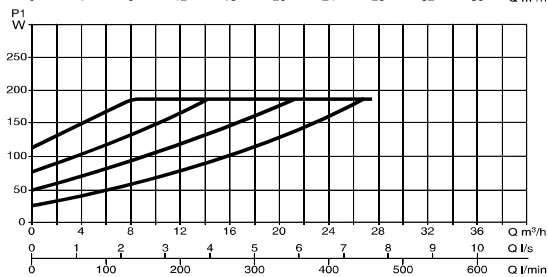
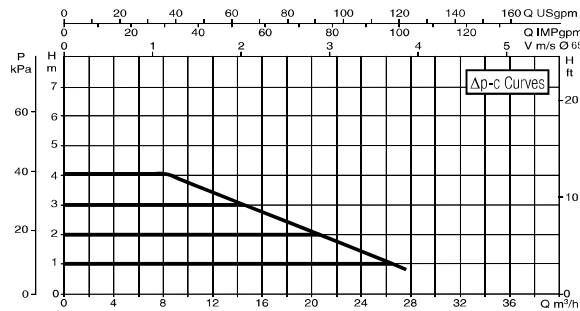
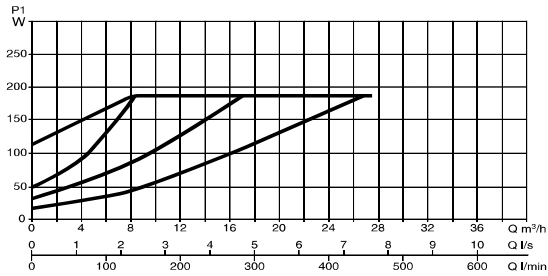
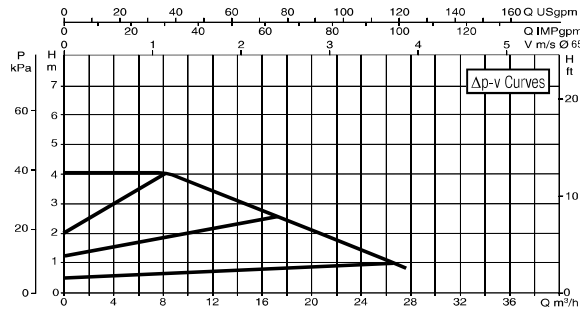
L	L1	L2	A1	A2	B	B1	B2
280	140	140	19	14	413	87	325

D	D1	D2	D3	D4	H	H1	H2
165	125	110	99	53	230	220	273

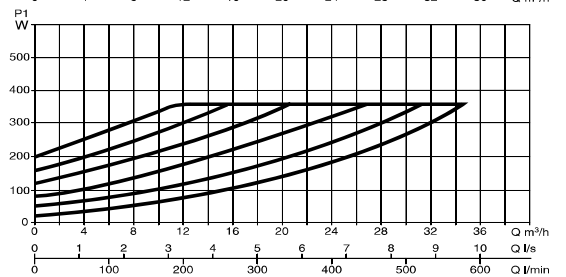
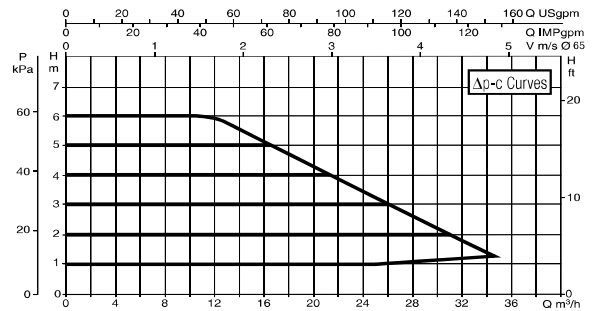
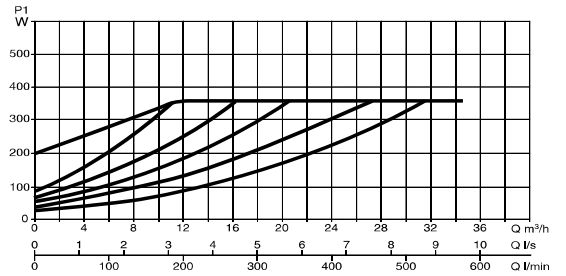
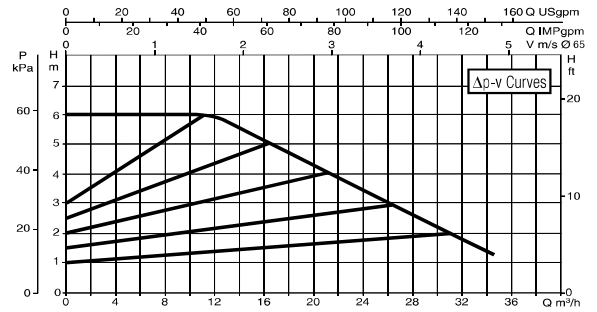
EVOPLUS SAN - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS B 40/340.65 SAN M

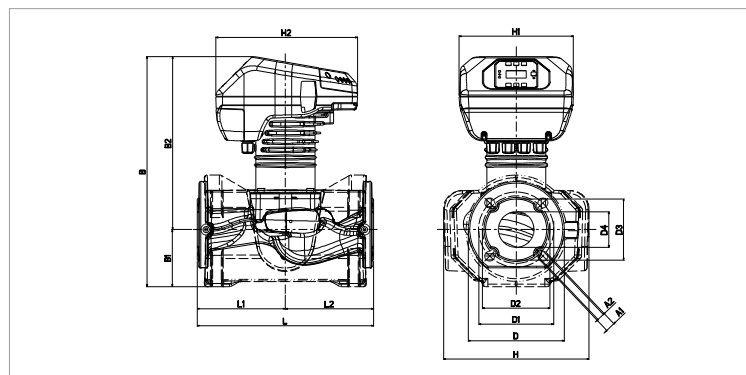


EVOPLUS B 60/340.65 SAN M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	MINIMUM SUCTION PRESSURE			WEIGHT Kg
						t°	90°	100°	
EVOPLUS B 40/340.65 SAN M	340	DN 65 PN 10	220/240 V	190	1,1	m.c.w.	20	25	27
EVOPLUS B 60/340.65 SAN M	340	DN 65 PN 10	220/240 V	355	1,8	m.c.w.	20	25	27,2



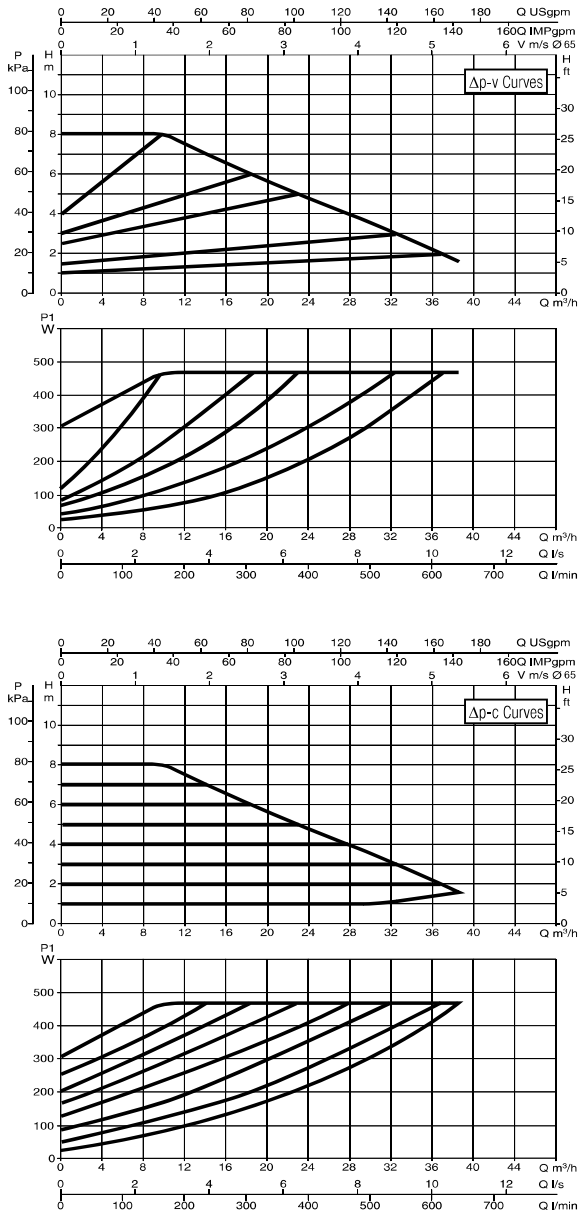
L	L1	L2	A1	A2	B	B1	B2
340	170	170	19	14	443	110	333

D	D1	D2	D3	D4	H	H1	H2
185	145	130	118	69	280	220	273

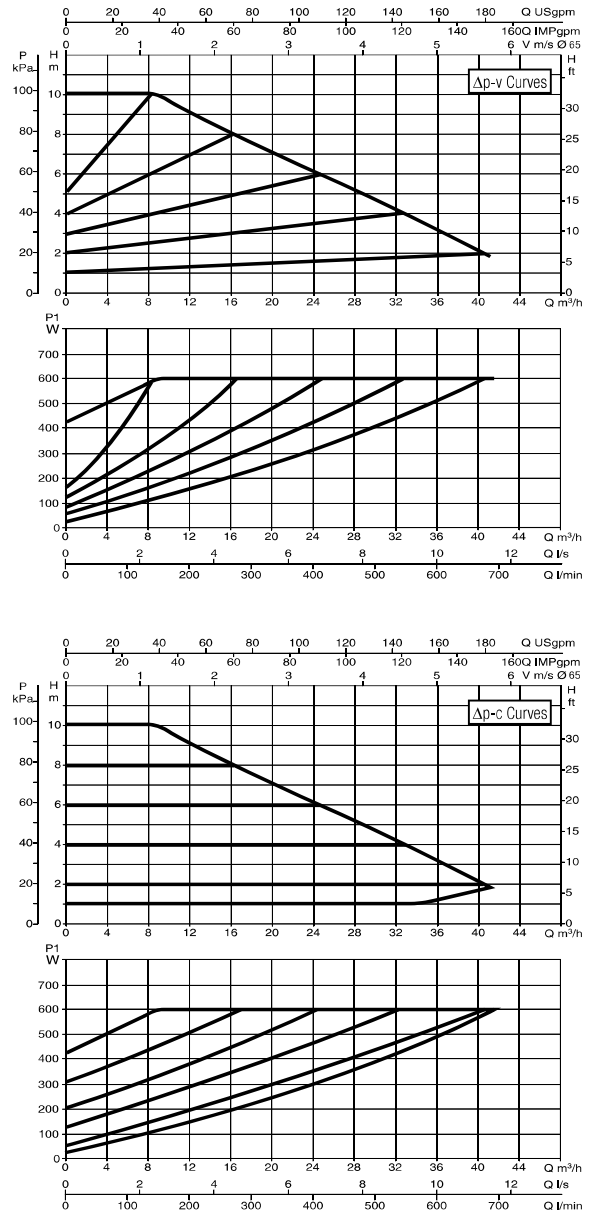
EVOPLUS SAN - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS B 80/340.65 SAN M

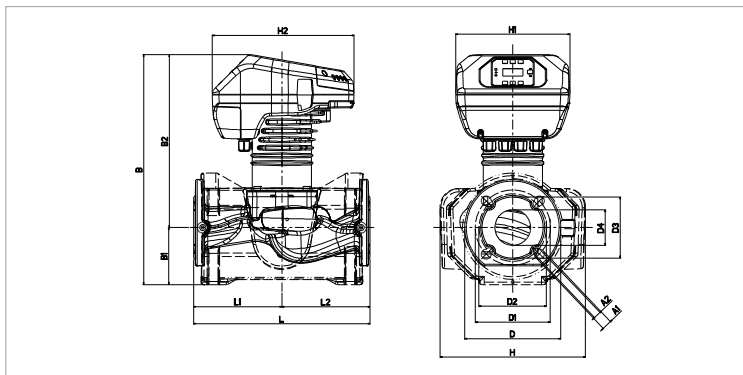


EVOPLUS B 100/340.65 SAN M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906, Fixed speed curves available on the DNA.

MODEL	CENTRE DISTANCE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	MINIMUM SUCTION PRESSURE			WEIGHT Kg
						t°	90°	100°	
EVOPLUS B 80/340.65 SAN M	340	DN 65 PN 10	220/240 V	465	2,2	m.c.w.	20	25	27,8
EVOPLUS B 100/340.65 SAN M	340	DN 65 PN 10	220/240 V	590	2,8	m.c.w.	20	25	28



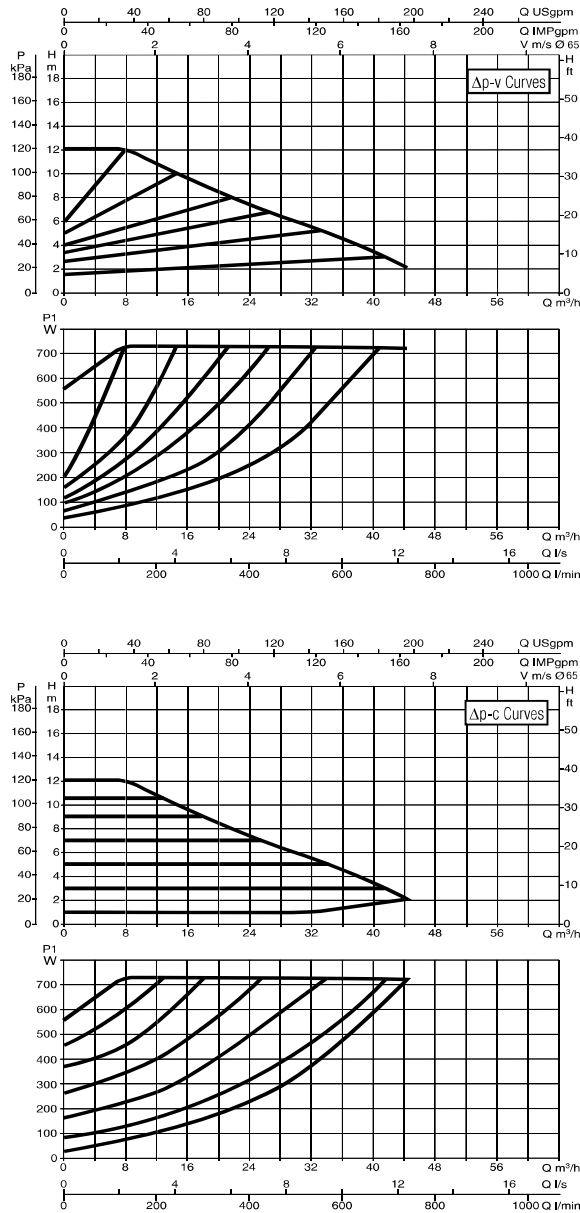
L	L1	L2	A1	A2	B	B1	B2
340	170	170	19	14	443	110	333

D	D1	D2	D3	D4	H	H1	H2
185	145	130	118	69	280	220	273

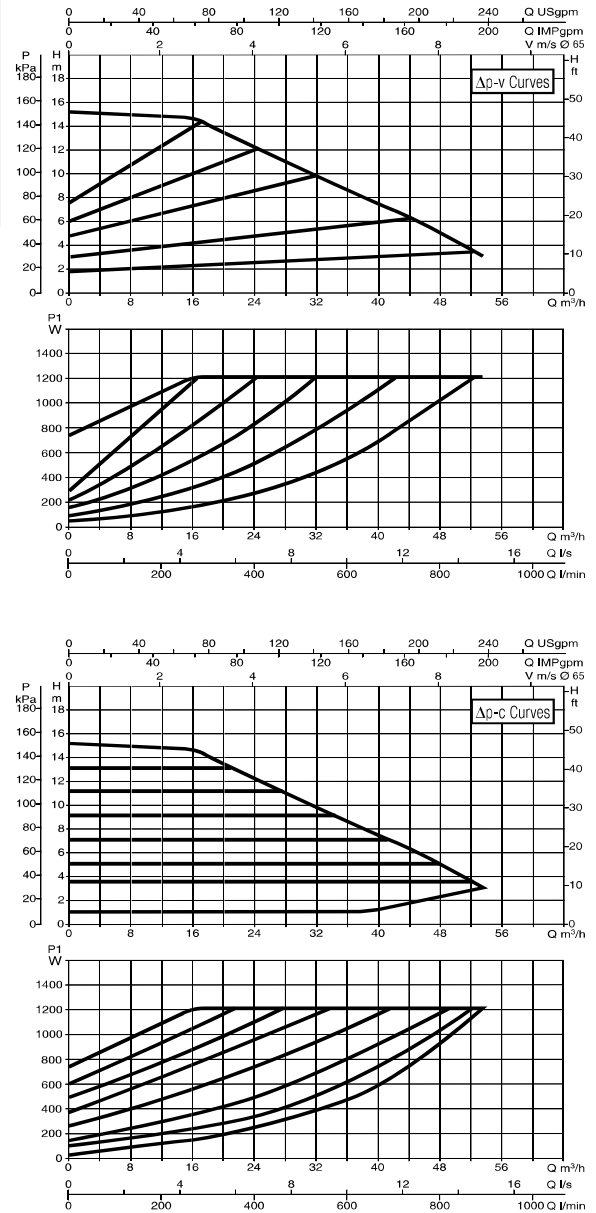
EVOPLUS SAN - WET ROTOR ELECTRONIC CIRCULATORS

Pumped liquid temperature range: from -10 °C to +110 °C - Maximum operating pressure: 16 bar (1600 kPa)

EVOPLUS B 120/340.65 SAN M

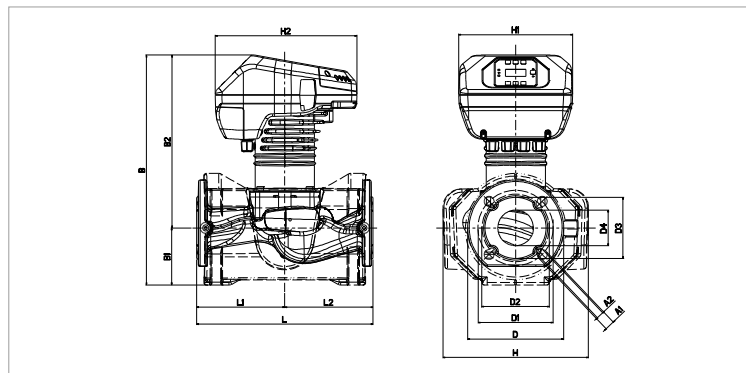


EVOPLUS B 150/340.65 SAN M



The curves are based on kinematic viscosity values = 1 mm²/s and density equal to 1000 kg/m³. Curve tolerance according to ISO 9906. Fixed speed curves available on the DNA.

MODEL	INTERASSE mm	COUNTERFLANGES ON REQUEST	POWER INPUT 50/60 Hz	P1 MAX W	In A	MINIMUM SUCTION PRESSURE			WEIGHT Kg
						t°	90°	100°	
EVOPLUS B 120/340.65 SAN M	340	DN 65 PN 10	220/240 V	730	3,45	m.c.w.	20	25	28,2
EVOPLUS B 150/340.65 SAN M	340	DN 65 PN 10	220/240 V	1210	5,5	m.c.w.	20	25	30



L	L1	L2	A1	A2	B	B1	B2
340	170	170	19	14	443	110	333

D	D1	D2	D3	D4	H	H1	H2
185	145	130	118	69	280	220	273

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