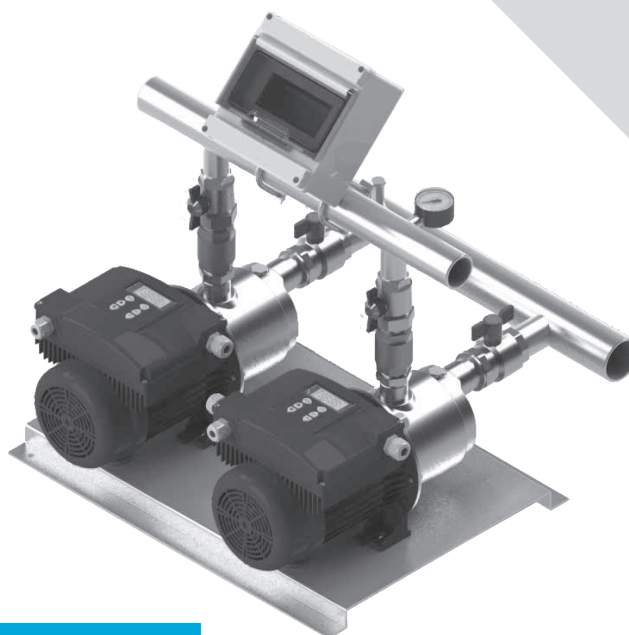


VARIO 1-20/MULTI EVO-E

PRESSURE BOOSTER SET WITH TWO VARIABLE SPEED PUMPS

Compact, Sturdy, high hydraulic efficiency

The new series of variable speed pressurization boosters VARIO 1-20 represents a reliable solution which is easy to use, for residential and industrial applications. The system involves the installation in parallel of two inverters integrated directly on the motor of each pump installed. The two frequency converters communicate and alternate the starting order of each work cycle, always keeping the pressure constant in the distribution system.



USAGE DATA	MULTIEVO
Maximum capacity (m ³ /h)	21
Maximum head (m.c.a.)	70
Maximum operating pressure	8 bar
Power supply VOLT.:	1 ~ 230 V
Frequency	50 Hz
Degree of protection of control panel	IP55
Degree of protection of pump	IP55
Ambient temperature	40°C
Number of pumps	2



APPLICATIONS

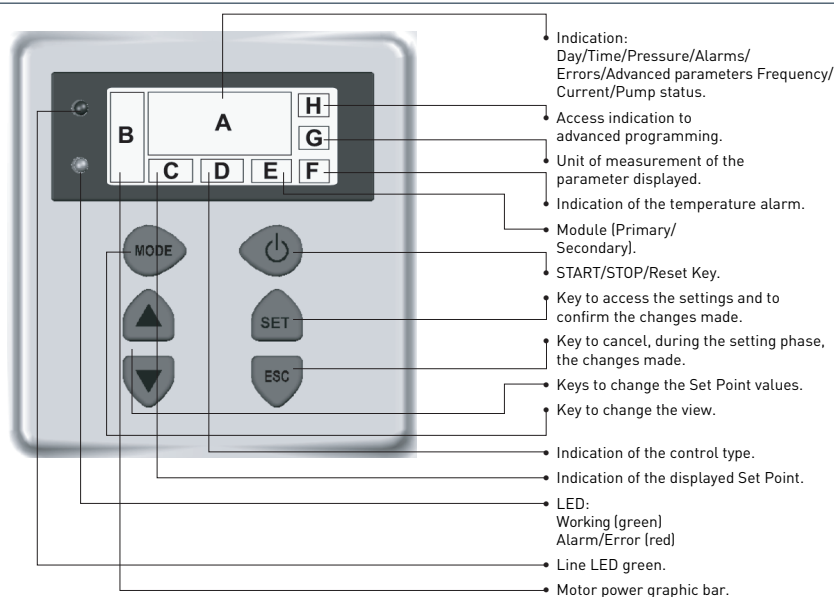
- Lifting and distribution of water in domestic systems
- Pressurization systems
- Irrigation
- Washing systems



VARIO 1-20/MULTI EVO-E

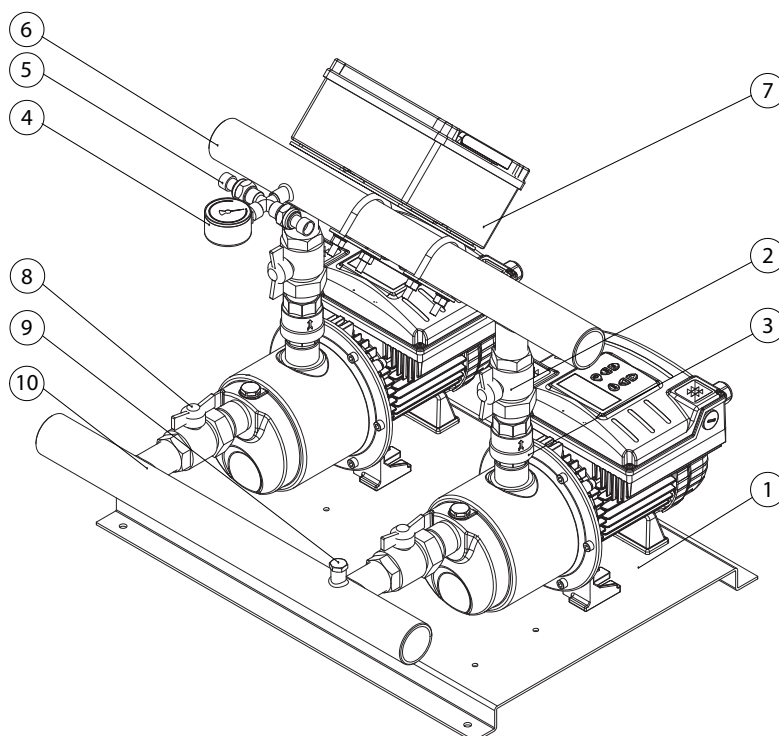
PRESSURE BOOSTER SET WITH TWO VARIABLE SPEED PUMPS

CONTROL PANEL



- Backlight display (switches off automatically after a reset time and can be turned on again by pressing any key)

CONSTRUCTION FEATURES



BASE

1. Base in galvanized metal complete with rubber isolated pads

DELIVERY MANIFOLD

- 2. n. 2 brass ball valves
- 3. n. 2 check valves
- 4. n. 1 pressure gauges
- 5. n. 2 pressure sensors
- 6. n. 1 galvanized steel manifold
- 7. n. 1 protection electrical panel with circuit breakers

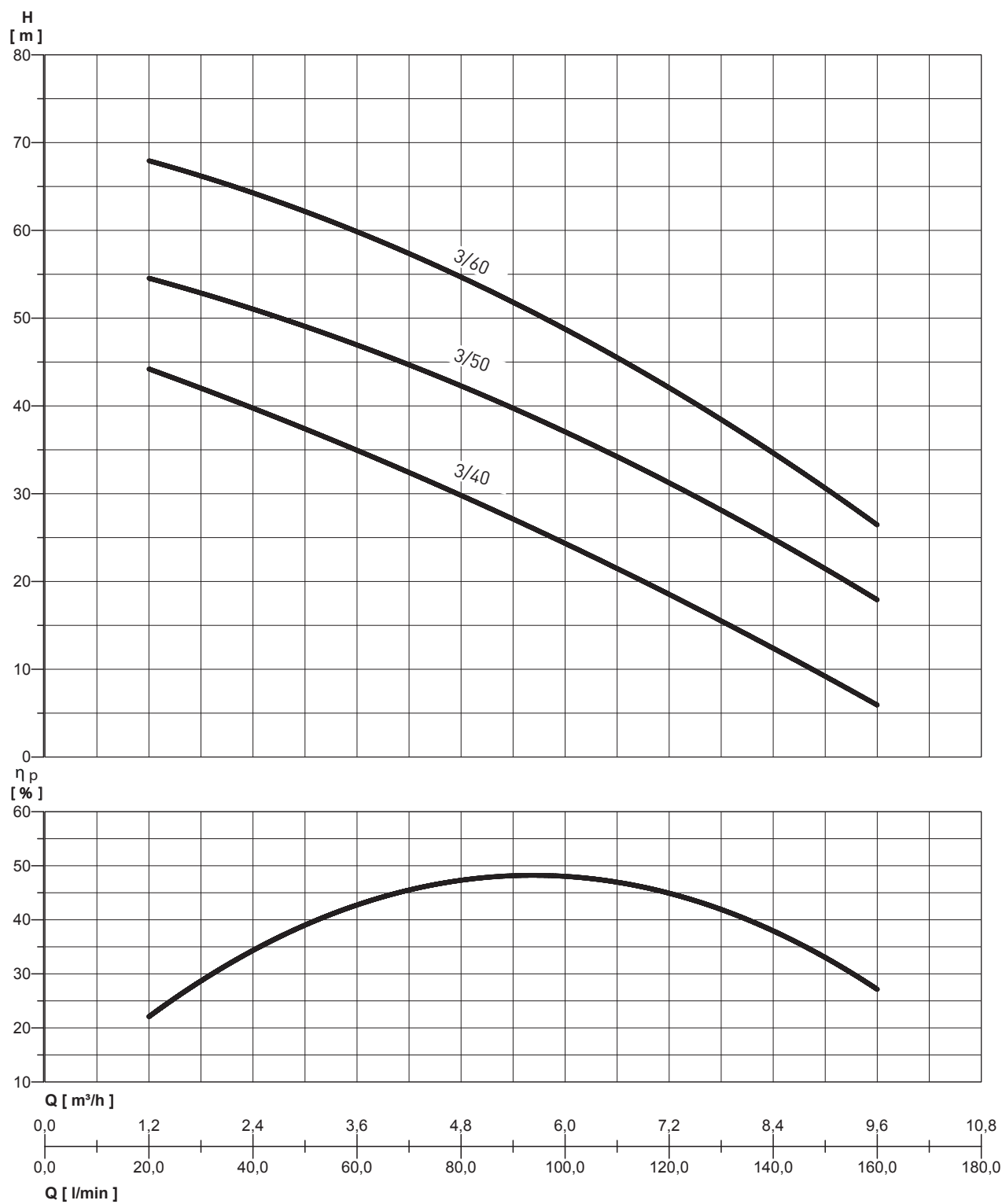
SUCTION MANIFOLD

- 8. n. 2 brass ball valves
- 9. n. 1 sleeve for water load
- 10. n. 1 galvanized steel manifold

VARIO 1-20/MULTI EVO-E

PRESSURE BOOSTER SET WITH TWO VARIABLE SPEED PUMPS

HYDRAULIC PERFORMANCE

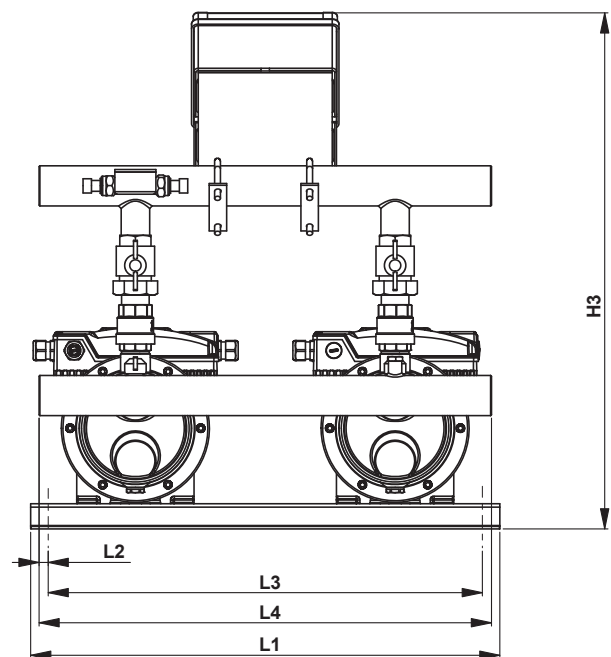
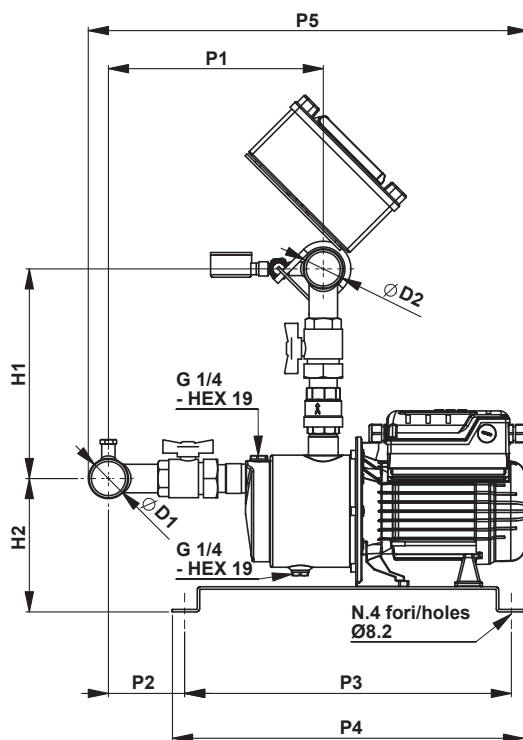


VARIO 1-20/MULTI EVO-E 3

PRESSURE BOOSTER SET WITH TWO VARIABLE SPEED PUMPS

PERFORMANCE TABLE

MODEL	Absorbed power (P1) kW	VOLT. (V)	In (A)	0	l/min m³/h	20	40	60	80	100	120	160
						1,2	2,4	3,6	4,8	6	7,2	9,6
VARIO1-20/MULTI EVO-E 3-40	2 x 0,8	1 ~ 230	2 x 5,3	total head in water column metres		44	40	35	30	24	18,5	6
VARIO1-20/MULTI EVO-E 3-50	2 x 1	1 ~ 230	2 x 7			54,5	51	47	42,5	37	31	18
VARIO1-20/MULTI EVO-E 3-60	2 x 1,35	1 ~ 230	2 x 8,7			68	64	60	55	48,5	42	26,5



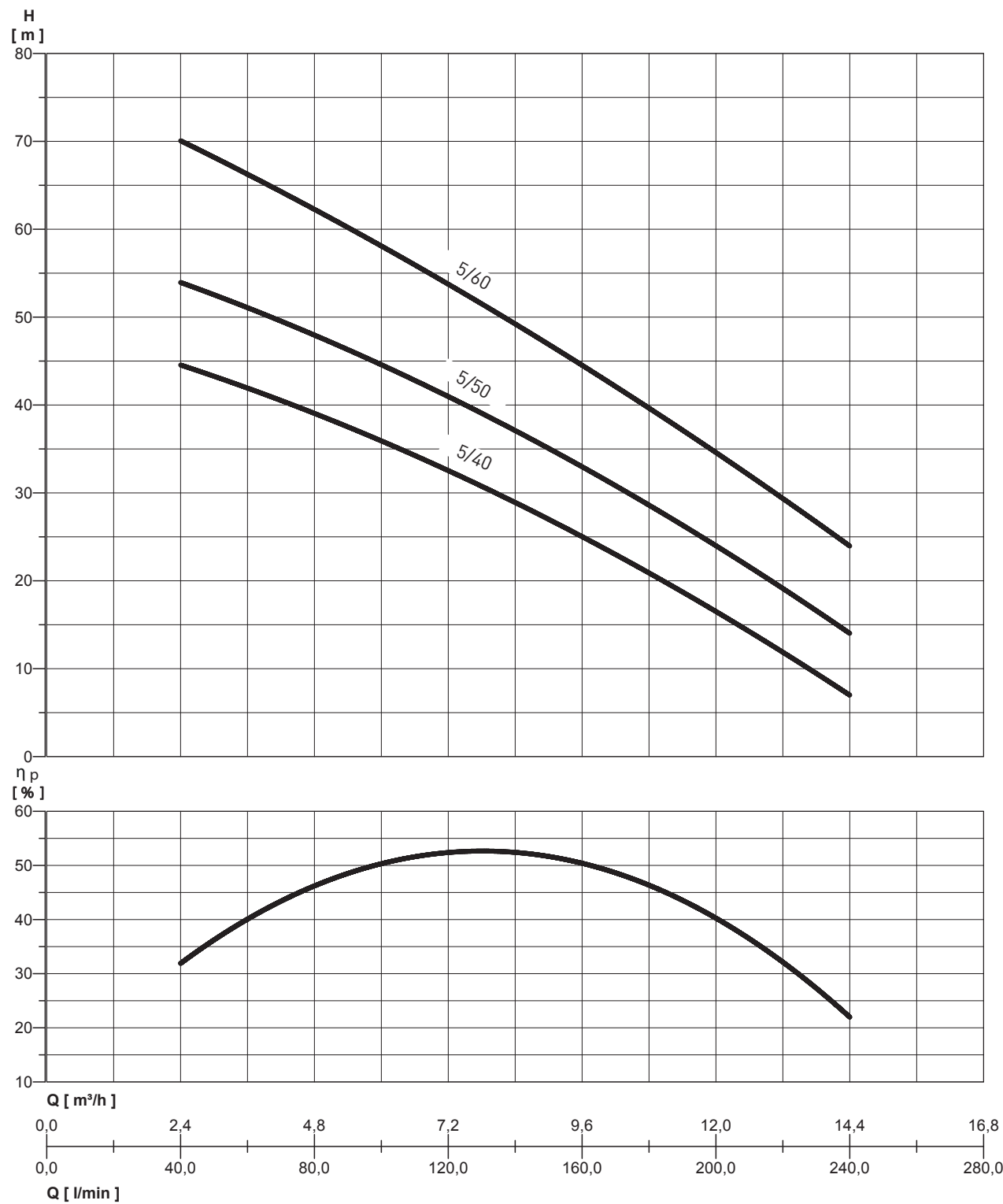
OVERALL DIMENSIONS AND WEIGHTS

MODEL	Dimensions mm.														WEIGHT (Kg)
	L1	L2	L3	L4	P1	P2	P3	P4	P5	H1	H2	H3	ØD1	ØD2	
VARIO1-20/MULTI EVO-E 3-40	560	15	510	540	257	91	390	420	523	250	160	615	1"1/2	1"1/2	45,6
VARIO1-20/MULTI EVO-E 3-50	560	15	510	540	280	113	390	420	567	250	160	615	1"1/2	1"1/2	49,6
VARIO1-20/MULTI EVO-E 3-60	560	15	510	540	302	136	390	420	589	250	160	615	1"1/2	1"1/2	53

VARIO 1-20/MULTI EVO-E 5

PRESSURE BOOSTER SET WITH TWO VARIABLE SPEED PUMPS

HYDRAULIC PERFORMANCE

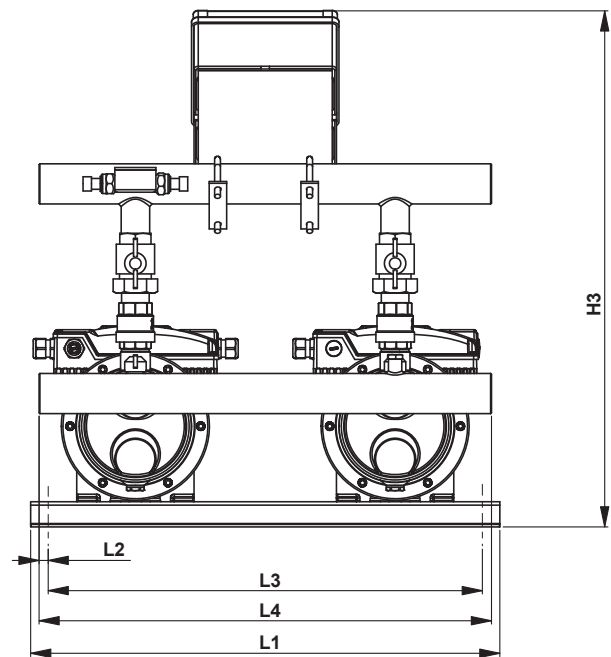
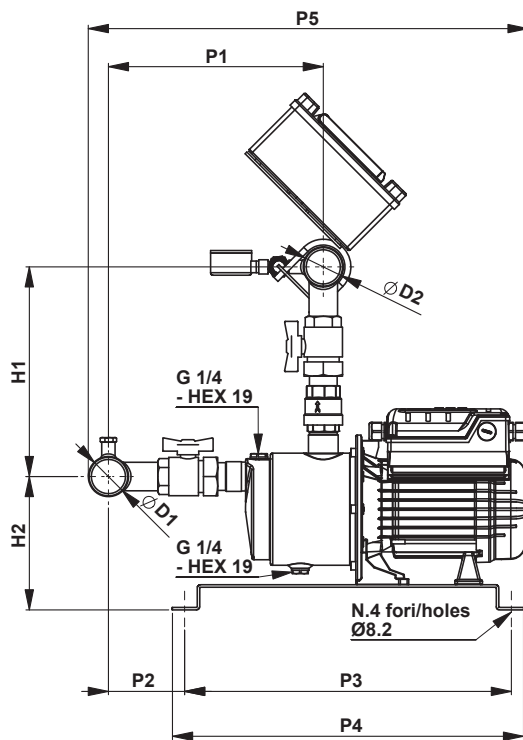


VARIO 1-20/MULTI EVO-E 5

PRESSURE BOOSTER SET WITH TWO VARIABLE SPEED PUMPS

PERFORMANCE TABLE

MODEL	Absorbed power (P1) kW	VOLT. (V)	In (A)	Q	l/min	40	60	80	100	120	160	200	240
					m³/h	2,4	3,6	4,8	6	7,2	9,6	12	14,4
VARIO1-20/MULTI EVO-E 5-40	2 x 1	1 ~ 230	2 x 7	total head in water column metres	44,5	42	39	36	32,5	25	16,5	7	
VARIO1-20/MULTI EVO-E 5-50	2 x 1,25	1 ~ 230	2 x 8,5		54	51	48	44,5	41	33	24	14	
VARIO1-20/MULTI EVO-E 5-60	2 x 1,8	1 ~ 230	2 x 11,5		70	66,5	62	58	54	44,5	34,5	24	



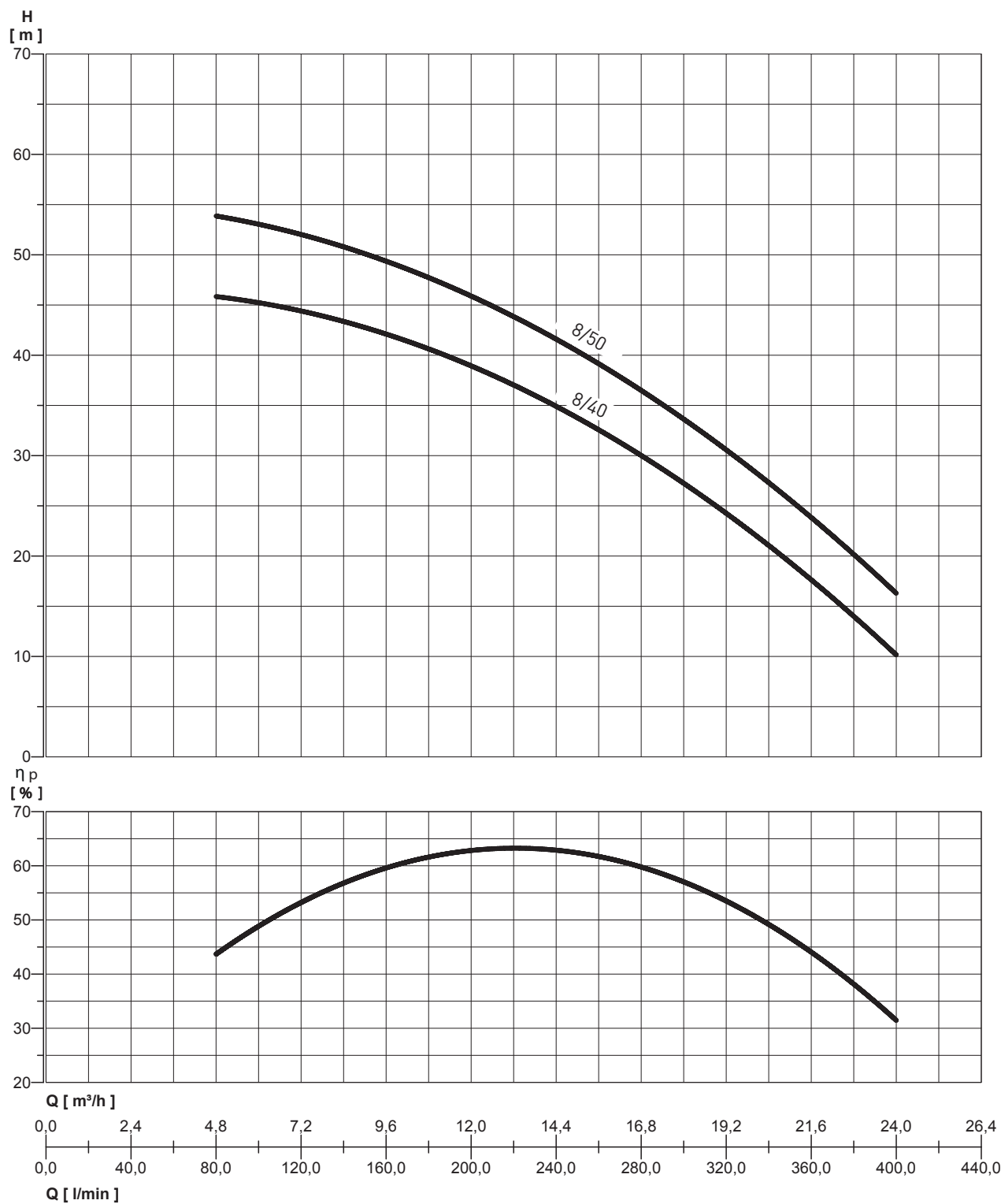
OVERALL DIMENSIONS AND WEIGHTS

MODEL	Dimensions mm.														WEIGHT (Kg)
	L1	L2	L3	L4	P1	P2	P3	P4	P5	H1	H2	H3	ØD1	ØD2	
VARIO1-20/MULTI EVO-E 5-40	560	15	510	540	283	119	390	420	574	255	155	615	2"	1 1/2"	49
VARIO1-20/MULTI EVO-E 5-50	560	15	510	540	305	141	390	420	596	255	155	615	2"	1 1/2"	52,2
VARIO1-20/MULTI EVO-E 5-60	560	15	510	540	327	163	390	420	653	255	155	615	2"	1 1/2"	56,4

VARIO 1-20/MULTI EVO-E 8

PRESSURE BOOSTER SET WITH TWO VARIABLE SPEED PUMPS

HYDRAULIC PERFORMANCE

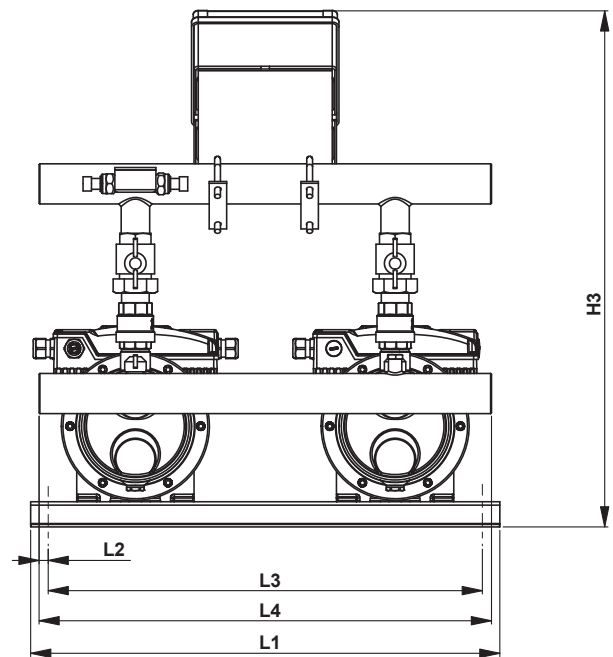
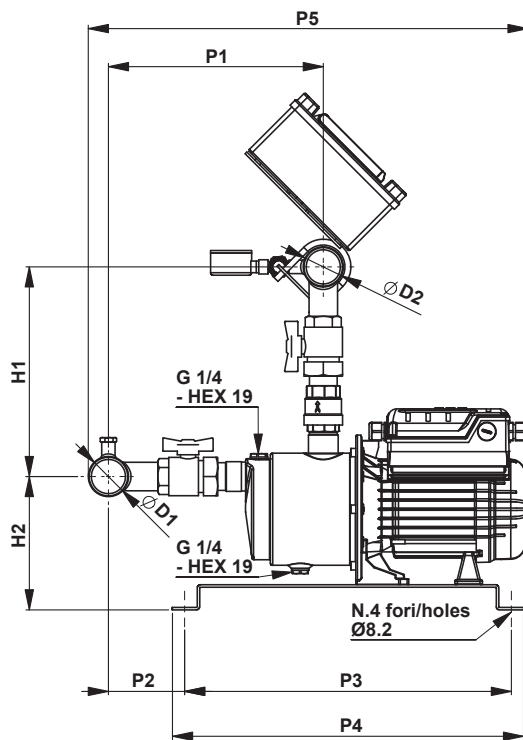


VARIO 1-20/MULTI EVO-E 8

PRESSURE BOOSTER SET WITH TWO VARIABLE SPEED PUMPS

PERFORMANCE TABLE

MODEL	Absorbed power (P1) kW	VOLT. (V)	In (A)	Q	l/min	80	100	120	160	200	240	280	320	360	400
					m³/h	4,8	6	7,2	9,6	12	14,4	16,8	19,2	21,6	24
VARIO1-20/MULTI EVO-E 8-40	2 x 1,6	1 ~ 230	2 x 10,2	total head in water column metres	46	45	44,5	42	39	35	30	24	18	10	
VARIO1-20/MULTI EVO-E 8-50	2 x 2	1 ~ 230	2 x 12,5		54	53	52	49	46	42	36,5	30,5	23,5	16,5	



OVERALL DIMENSIONS AND WEIGHTS

MODEL	Dimensions mm.														WEIGHT (Kg)
	L1	L2	L3	L4	P1	P2	P3	P4	P5	H1	H2	H3	ØD1	ØD2	
VARIO1-20/MULTI EVO-E 8-40	560	15	510	540	300	136	390	420	623	300	155	660	2"	2"	58
VARIO1-20/MULTI EVO-E 8-50	560	15	510	540	327	163	390	420	653	300	155	660	2"	2"	60,2