

VARIO 1-20/MULTI EVO-E

BOOSTER SETS - VARIABLE SPEED

- Compact dimensions
- Sturdy and resistant
- High hydraulic efficiency
- Pressure remains constant during supply



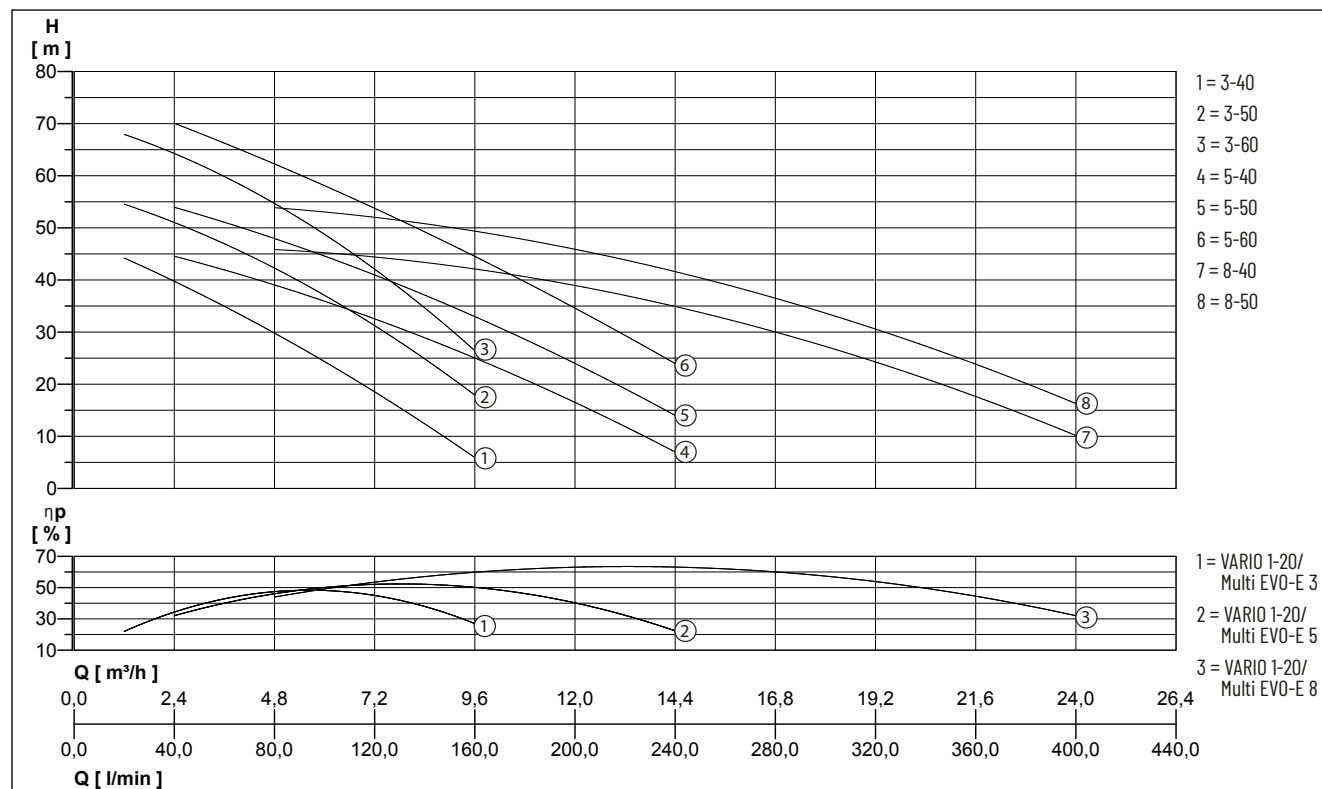
DESCRIPTION

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.

APPLICATIONS

- Lifting and distribution of water in domestic systems in continuous or intermittent operation
- Pressurization systems
- Washing systems
- Irrigation

PERFORMANCE



We reserve the right to change specifications without notice. Pump performance is subject to ISO 9906 ISO 9906:2012 - Grade 3B tolerances.

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Type	Flow rate Q [m³/h]	1.2	2.4	3.6	4.8	6	7.2	9.6	12	14.4	16.8	19.2	21.6	24
VARIO1-20/Multi EVO-E 3-40	Delivery head H [m]	44.0	40.0	35.0	30.0	24.0	18.5	6.0						
VARIO1-20/Multi EVO-E 3-50		54.5	51.0	47.0	42.5	37.0	31.0	18.0						
VARIO1-20/Multi EVO-E 3-60		68.0	64.0	60.0	55.0	48.5	42.0	26.5						
VARIO1-20/Multi EVO-E 5-40			44.5	42.0	39.0	36.0	32.5	25.0	16.5	7.0				
VARIO1-20/Multi EVO-E 5-50			54.0	51.0	48.0	44.5	41.0	33.0	24.0	14.0				
VARIO1-20/Multi EVO-E 5-60			70.0	66.5	62.0	58.0	54.0	44.5	34.5	24.0				
VARIO1-20/Multi EVO-E 8-40					46.0	45.0	44.5	42.0	39.0	35.0	30.0	24.0	18.0	10.0
VARIO1-20/Multi EVO-E 8-50					54.0	53.0	52.0	49.0	46.0	42.0	36.5	30.5	23.5	16.5

MECHANICAL DATA

Operating pressure max.	8 bar
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ELECTRICAL DATA

Voltage	1/N/PE~230 V	Ambient temperature max.	40 °C
Type of enclosure	IP 55	Frequency	50 Hz

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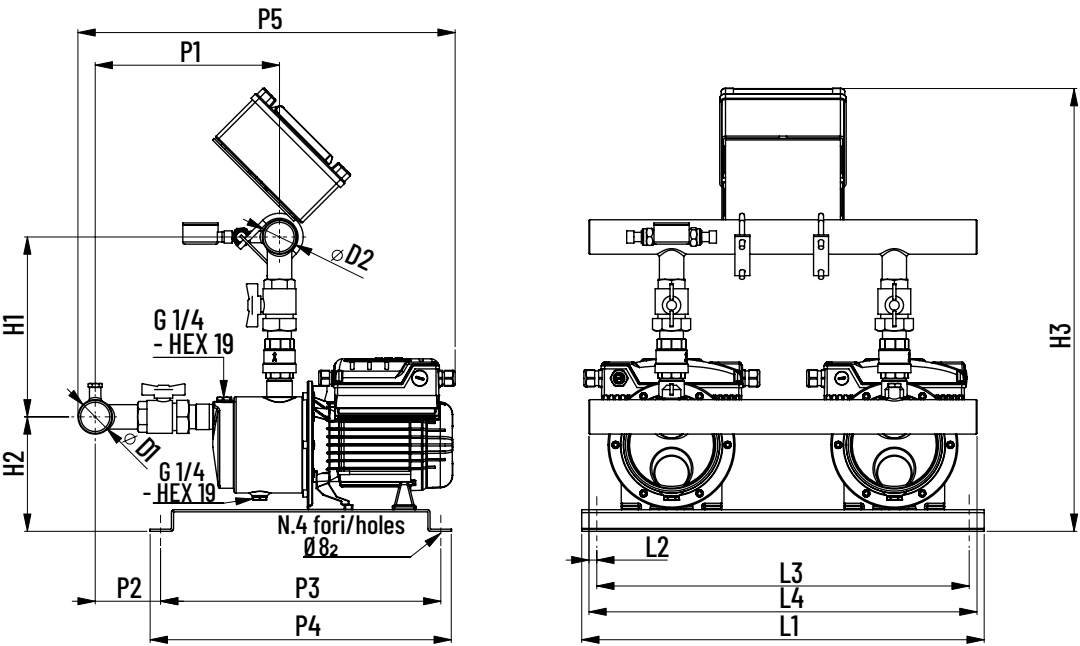
Type	Code No.	Motor rating 2xP1	Current 2xI	Weight
VARIO1-20/Multi EVO-E 3-40	UI601730	0.80 kW	5.1 A	45.6 kg
VARIO1-20/Multi EVO-E 3-50	UI601740	1.00 kW	7.0 A	49.6 kg
VARIO1-20/Multi EVO-E 3-60	UI601750	1.35 kW	8.7 A	53.0 kg
VARIO1-20/Multi EVO-E 5-40	UI601760	1.00 kW	7.0 A	49.0 kg
VARIO1-20/Multi EVO-E 5-50	UI601770	1.25 kW	8.5 A	52.2 kg
VARIO1-20/Multi EVO-E 5-60	UI601780	1.80 kW	11.5 A	56.4 kg
VARIO1-20/Multi EVO-E 8-40	UI601790	1.60 kW	10.2 A	58.0 kg
VARIO1-20/Multi EVO-E 8-50	UI601800	2.00 kW	12.5 A	60.2 kg

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DIMENSIONS [mm]

Type	L1	L2	L3	L4	P1	P2	P3	P4	P5	H1	H2	H3	D1	D2
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"
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"
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"
VARIO1-20/Multi EVO-E 5-40	560	15	510	540	283	119	390	420	574	255	155	615	2"	1 1/2"
VARIO1-20/Multi EVO-E 5-50	560	15	510	540	305	141	390	420	596	255	155	615	2"	1 1/2"
VARIO1-20/Multi EVO-E 5-60	560	15	510	540	327	163	390	420	653	255	155	615	2"	1 1/2"
VARIO1-20/Multi EVO-E 8-40	560	15	510	540	300	136	390	420	623	300	155	660	2"	2"
VARIO1-20/Multi EVO-E 8-50	560	15	510	540	327	163	390	420	623	300	155	660	2"	2"



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