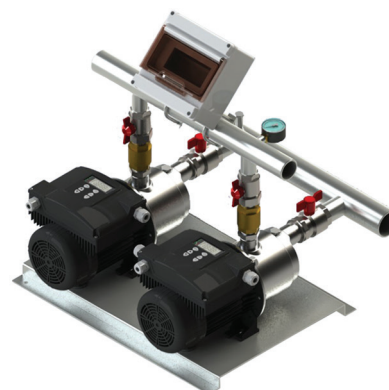


VARIO 1-20/MULTI EVO-E

BOOSTER SETS - VARIABLE SPEED

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



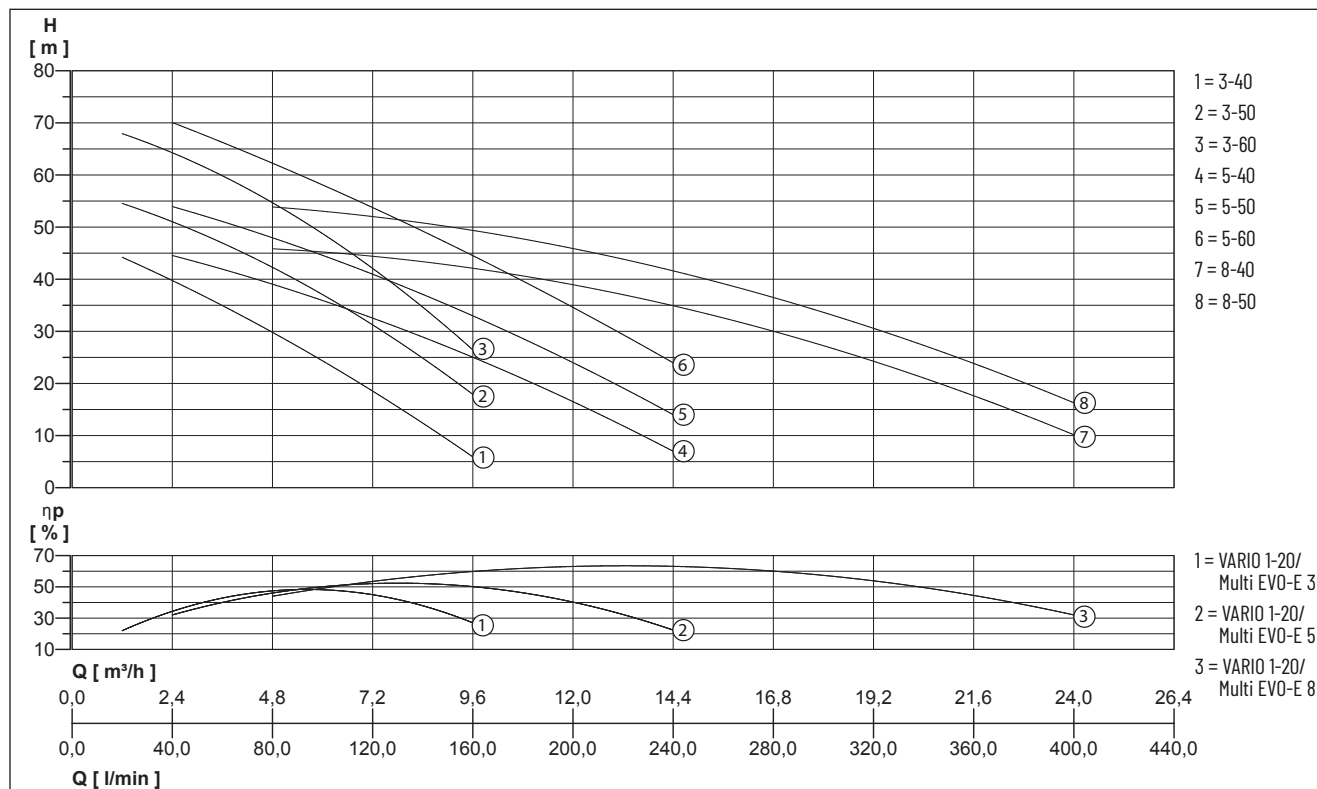
DESCRIPTION

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.

VARIO 1-20/MULTI EVO-E

BOOSTER SETS - VARIABLE SPEED

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

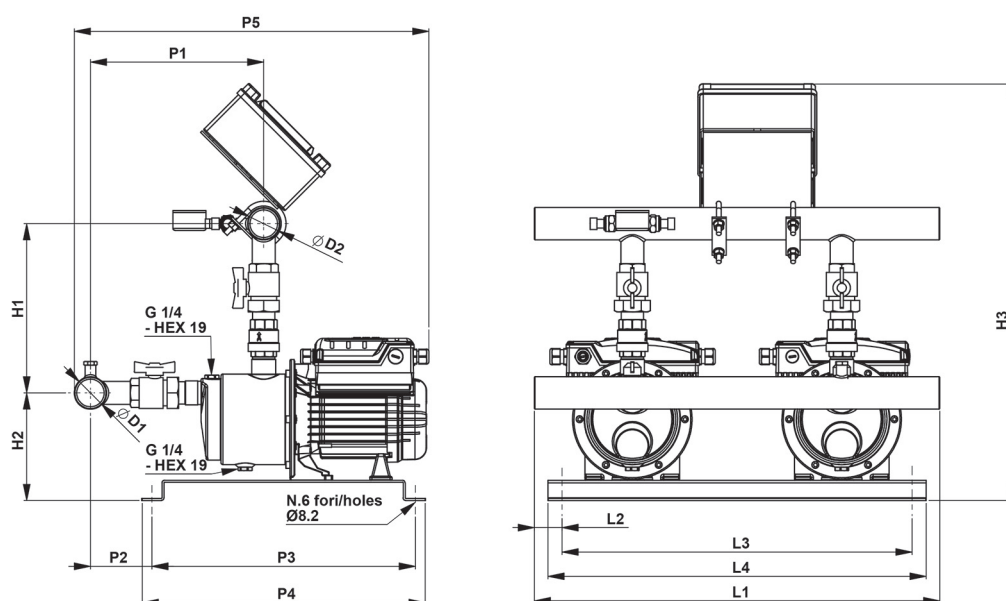
Operating pressure max.	8 bar		
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ELECTRICAL DATA

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

VARIO 1-20/MULTI EVO-E

Type	Code No.	Motor rating 2xP1	Current 2xI	Weight
VARIO1-20/Multi EVO-E 3-40	UI601910	0.80 kW	5.1 A	45.6 kg
VARIO1-20/Multi EVO-E 3-50	UI601920	1.00 kW	7.0 A	49.6 kg
VARIO1-20/Multi EVO-E 3-60	UI601930	1.35 kW	8.7 A	53.0 kg
VARIO1-20/Multi EVO-E 5-40	UI601940	1.00 kW	7.0 A	49.0 kg
VARIO1-20/Multi EVO-E 5-50	UI601950	1.25 kW	8.5 A	52.2 kg
VARIO1-20/Multi EVO-E 5-60	UI601960	1.80 kW	11.5 A	56.4 kg
VARIO1-20/Multi EVO-E 8-40	UI601970	1.60 kW	10.2 A	58.0 kg
VARIO1-20/Multi EVO-E 8-50	UI601980	2.00 kW	12.5 A	60.2 kg



VARIO 1-20/MULTI EVO-E

BOOSTER SETS - VARIABLE SPEED

DIMENSIONS [mm]

Type	L1	L2	L3	L4	P1	P2	P3	P4	P5	H1	H2	H3	D1	D2
VARIO1-20/Multi EVO-E 3-40	600	25	490	540	252	100	400	430	516	245	160	615	1 1/2"	1 1/2"
VARIO1-20/Multi EVO-E 3-50	600	25	490	540	252	100	400	430	538	245	160	615	1 1/2"	1 1/2"
VARIO1-20/Multi EVO-E 3-60	600	25	490	540	252	100	400	430	538	245	160	615	1 1/2"	1 1/2"
VARIO1-20/Multi EVO-E 5-40	600	25	490	540	278	125	400	430	568	251	155	615	2"	1 1/2"
VARIO1-20/Multi EVO-E 5-50	600	25	490	540	278	125	400	430	568	251	155	615	2"	1 1/2"
VARIO1-20/Multi EVO-E 5-60	600	25	490	540	278	125	400	430	600	251	155	615	2"	1 1/2"
VARIO1-20/Multi EVO-E 8-40	600	25	490	540	292	140	400	430	615	295	155	660	2"	2"
VARIO1-20/Multi EVO-E 8-50	600	25	490	540	292	140	400	430	615	295	155	660	2"	2"

VARIO 1-20/MULTI EVO-E

BOOSTER SETS - VARIABLE SPEED