

VARIO 1-20/MULTI EVO-E P

BOOSTER SETS - VARIABLE SPEED

- Compact dimensions
- Robust
- High hydraulic performance
- Easy to use



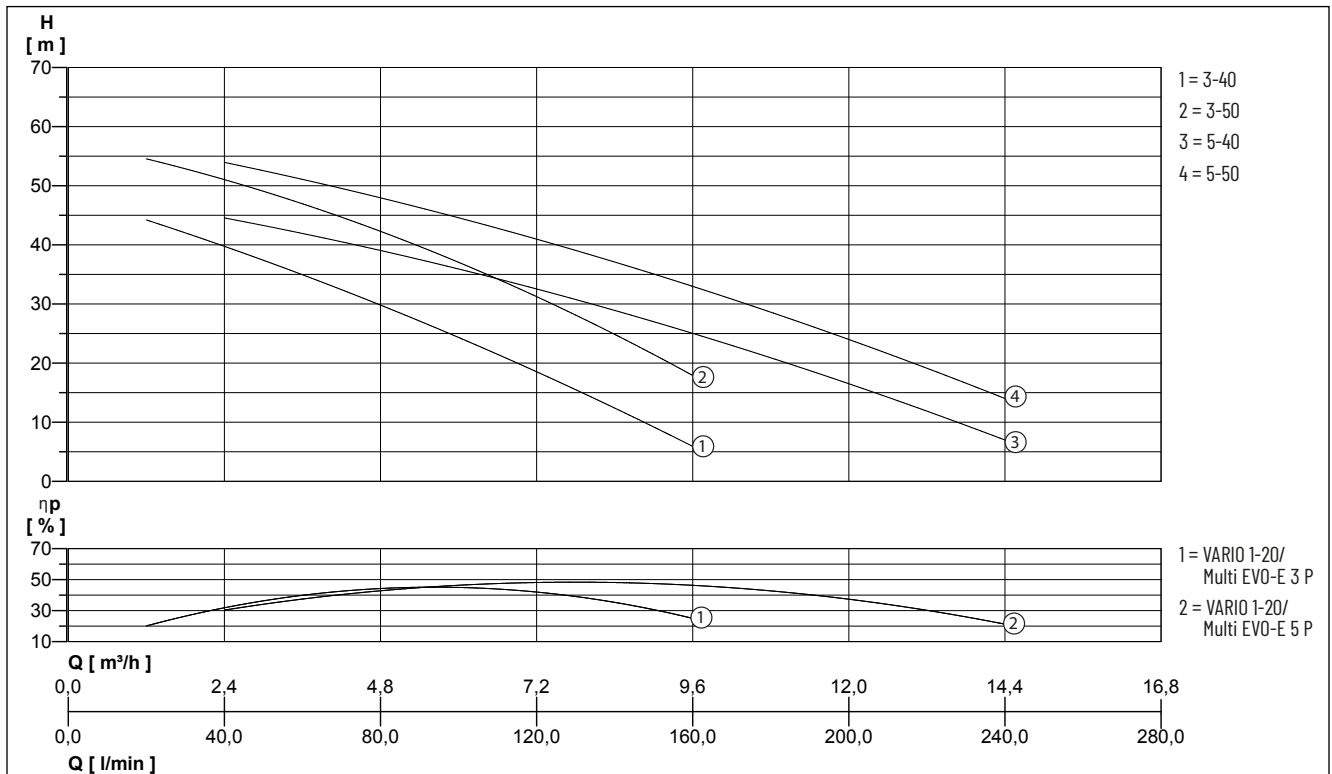
DESCRIPTION

The new series of VARIO 1-20 variable speed pressurization units represent a reliable, easy-to-use solution in residential and commercial applications. The system consists in the parallel installation of two inverters, incorporated directly onto the motor of each installed electric pump. The two frequency converters communicate and alternate the starting order of each operating cycle, maintaining a constant pressure in the distribution system.

APPLICATIONS

- Lifts and distributes water in domestic systems
- 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.

| Type | Flow rate Q [m ³ /h] | 1.2 | 2.4 | 3.6 | 4.8 | 6 | 7.2 | 9.6 | 12 | 14.4 |
|------------------------------|---------------------------------|------|------|------|------|------|------|------|------|------|
| VARIO1-20/Multi EVO-E 3-40 P | 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 P | | 54.5 | 51.0 | 47.0 | 42.5 | 37.0 | 31.0 | 18.0 | | |
| VARIO1-20/Multi EVO-E 5-40 P | | | 44.5 | 42.0 | 39.0 | 36.0 | 32.5 | 25.0 | 16.5 | 7.0 |
| VARIO1-20/Multi EVO-E 5-50 P | | | 54.0 | 51.0 | 48.0 | 44.5 | 41.0 | 33.0 | 24.0 | 14.0 |

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MECHANICAL DATA

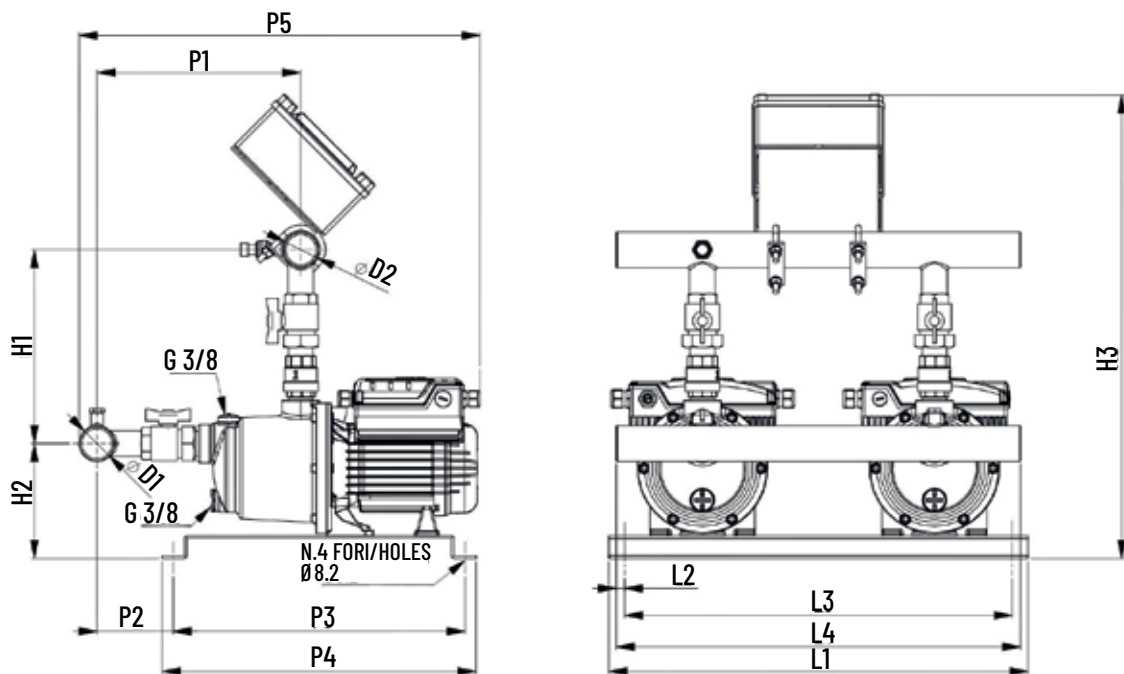
| | |
|-------------------------|-------|
| Operating pressure max. | 7 bar |
|-------------------------|-------|

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 P

| Type | Code No. | Motor rating 2xP1 | Current 2xl | Weight |
|------------------------------|----------|-------------------|-------------|---------|
| VARIO1-20/Multi EVO-E 3-40 P | UI601810 | 0.80 kW | 5.1 A | 44.6 kg |
| VARIO1-20/Multi EVO-E 3-50 P | UI601820 | 1.00 kW | 7.0 A | 48.6 kg |
| VARIO1-20/Multi EVO-E 5-40 P | UI601830 | 1.00 kW | 7.0 A | 48.6 kg |
| VARIO1-20/Multi EVO-E 5-50 P | UI601840 | 1.25 kW | 8.5 A | 51.2 kg |



DIMENSIONS [mm]

| Type | L1 | L2 | L3 | L4 | P1 | P2 | P3 | P4 | P5 | H1 | H2 | H3 | D1 | D2 |
|------------------------------|-----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|
| VARIO1-20/Multi EVO-E 3-40 P | 560 | 15 | 510 | 540 | 272 | 102 | 390 | 420 | 535 | 260 | 153 | 615 | 1 1/2" | 1 1/2" |
| VARIO1-20/Multi EVO-E 3-50 P | 560 | 15 | 510 | 540 | 272 | 102 | 390 | 420 | 552 | 260 | 153 | 615 | 1 1/2" | 1 1/2" |
| VARIO1-20/Multi EVO-E 5-40 P | 560 | 15 | 510 | 540 | 272 | 102 | 390 | 420 | 552 | 260 | 153 | 615 | 1 1/2" | 1 1/2" |
| VARIO1-20/Multi EVO-E 5-50 P | 560 | 15 | 510 | 540 | 272 | 102 | 390 | 420 | 552 | 260 | 153 | 615 | 1 1/2" | 1 1/2" |