PRINCIPAL CHARACTERISTICS

**Driver type:** Bipolar chopper

**Rated current per phase:** 1 to 8 A adjustable via dedicated keyboard connected to RS485

**Step Angle:** 1, 1/2, 1/4, 1/8, 1/16

**Engine Frequency:** 0 to 7.000 Hz with limitation of the field using an external keyboard

**Reduction or cancellation:** automatic following the arrest of the rotation of the engine current braking

**Protection:** short circuits between phases - overload - overtemperature - stages and power supply

**Optoisolated input:** start, stop, dir, enable, RIF. (input tachometer or encoder)

**Output:** three output C-E

**Power supply:** unique for Logic and Power, which can be either continuous (30 ÷ 130 Vdc) and alternating (24 ÷ 110 Vac) (reversal polarity is irrelevant).

**Dimensions:** 181.5 x 105 x 63
MAIN FEATURES

- All the adjustments are digital and is handled through a keyboard connected in a RS485 port. The setting are stored by a Eeprom memory.

The function regulated by the console are:
- Linear speed motor (0.3-852.2 m/min)
- Accelerating ramp time (1-250 ms)
- Decelerating ramp time (1-250 ms)
- Pulse duration at the end of the rotation (0-2550 ms)
- Braking area (0-999.9 mm)
- Start delay (0-999.9 mm)
- Rotation sense
- Logic of enabling
- Extra-run area (0-510 mm)
- Enabling sync with external input
- Self-learning signal timing input
- Protection parameters through password

- Input voltage (0 - 10 V) or input frequency (80KHz - 300KHz) for automatic speed variation in synchronism with an external reference handling, by tachometer dinamo or encoder.

N.B. In this version the delay effect introduced by the ramp is compensated automatically to vary the speed allowing a perfect synchronization.

- The equipment has all the functions to work independently, without the need to add more tabs. It incorporates both the POWER that the LOGIC.

ENCUMBRANCE AND FIXING HOLES

Measures expressed in mm