ELECTRONIC STABILISER

Frequency converters are tension generators having an higher frequency compared to the mains frequency, which are suitable to feed high-frequency and high operating speed motors.Their fields of application are: wood, plastic and metal working machines.

FREQUENCY CONVERTERS

The asynchronous three-phase frequency converter is made up by an asynchronous three-phase motor with cage rotor, coaxial with an induction machine with wound rotor, operating as a generator. The active parts of the motor unit and generator are contained in an enclosed and externally ventilated frame, with protection IP 54. Rotary frequency converters carry out the transformation of the electric energy at mains frequency in energy with higher frequencies and are used to feed high-frequency motors able to operate with high rotation speeds.

CRITERION OF CHIOCE OF THE CONVERTER

The output in kVA of the converter must not be lower than the output in HP +10% of the motor. When connecting more then one motor, the output in kVA of the converter must be equal to the sum in HP of the motor outputs, increased by 25%. It is advised to apply to our technical Department in case of specific problems.
Belotti Variatori Rotary frequency converters with different frequencies and voltages, according the customers requirements.

Belotti Variatori S.r.l
Piazza Trento, 6 - 20135 Milano (Italy) - Phone + 39 02.58306849 - Fax + 39 02 58304722
belotti@belotti.it - www.belotti.it