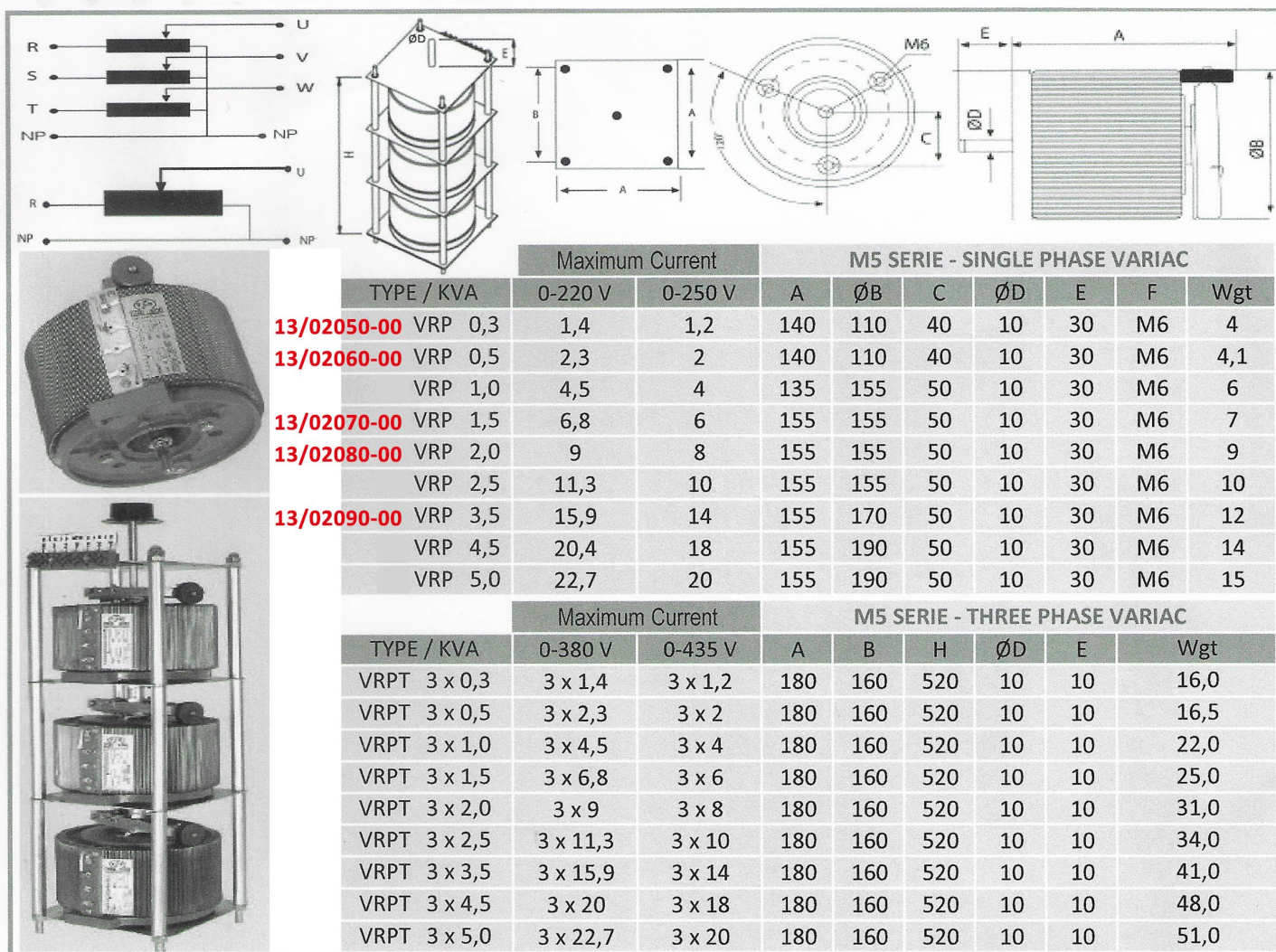


VARIATORI DI TENSIONE MONOFASE



PRODUCT FEATURES & SPECS

Inner center core of our variable transformer are made of guided sheetsilica. Insulation material between sheetmetal and bobbins is produced from SMC and BMC (glass-fiber mix) raw material, which is temperature durability is more than 220 °C.

Inner center core is produced from two kind same like, H18 Silica Steel or M5 Grain Oriented and Annealed Silica. A high heated anneal furnace is in our facility: M5 cores are annealed in these furnaces and are used in the production of higher quality variable transformers.

Wire winding process is made by HO class enameled copper wire. After winding, they are subjected to a double varnish process as insulation and fixing. The graphite of the transformers are produced by a special electrograph according to power (KVA) of Variable Transformers. The surfaces where graphite rovers, are grinded suitable to the brush direction on the grinding workbenches.

All variac brushes including spring loaded. In addition, over 5 KVA transformers axles are made with bearings. In order to provide good cooling in these transformers, the transformer is assembled to a body that is made of aluminum cast.

There is no special maintenance for variable transformers. A transformer if that has not been operated for a long time, it is necessary to clean with high pressured air. Special transformers with oil cooling are produced for extra dusty and acidic places.

STD Serie's core is made from 0,50mm thickness Silica Steel with Single Strip. M5 Serie's core is made from 0,27mm thickness Grain Oriented Annealed at 800 celcius Steel with Multi Strip. (Weight and Dimensions in the table is for M5 Serie)

- Long life time Variable Transformer (Variac).
- All wires is 100% pure COPPER.
- Unbreakable roll type electro graphite brushes.
- Smooth movement brushes with inner bearing system.
- Line to Ground insulation resistance is 3.000 Volt
- Operating Temperature -5C° to 40 C°
- Mechanically optimised great new generation design.
- No need to maintenance for a long time.
- Enclosed type option for all units.
- ISO and CE certificates.
- IP Protection Level: IP00 (for Open Type units)
- Working Frequency is 50-60 Hz