



SPECIFICATIONS OF SINGLE-PHASE TRANSFORMERS

- 1) **KVA RATING** - **5KVA to 20KVA**
- 2) **PRIMARY VOLTAGE** - **180V-200V-220V-230V AC AS PER CUSTOMER SPECS**
- 3) **SECONDARY VOLTAGE** - **415V-440V-460V AC 2PH Or 230VAC 110VAC 1PH AS PER CUSTOMER SPECS**
- 4) **RATED FREQUENCY** - **50 / 60 Hz.**
- 5) **CORE MATEIRAL** - **CRNO**
- 7) **WINDING** - **ELECTROLYTIC SUPER ENAMELLED ALUMINIUM WIRE/STRIPS**
- 8) **INSULATION CLASS** - **CLASS ` F' [155° C.]**
- 9) **HIGH VOLTAGE TEST** - **2.5 KV BETWEEN PRI, SEC TO CORE, PRI TO SEC.**
- 10) **COOLING** - **AIR NATURAL**
- 11) **TERMINATIONS** - **BOLTS**
- 12) **OVERLOAD TOLERANCE** - **125%-CURRENT/5MIN, 150%-CURRENT 1 MIN.**
- 13) **EFFICIENCY** - **>95%**
- 14) **REGULATION** - **4% TO 5%**
- 15) **IMPEDANCE** - **APPROX 4 TO 5%**
- 16) **AMBIENT HUMIDITY** - **10 TO 95%**
- 17) **FEATURES** - **LOW LOSS USING HIGH QUALITY STAMPINGS**
VIBRATION FREE OPERATIONS
HIGH OVERLOAD CAPACITY
- 18) **DIMENSIONS** - **AS PER DRAWING (REFERING TO RATINGS)**
- 19) **ENCLOSURE** - **M.S. FABRICATED HAVING LOVERS FOR VENTILATION/EXHAUST FAN (for HKVA) & POWDER COATING**