



DET NORSKE VERITAS
ISO 9001:2000
Certificate No. 00052-2003-AQ-BAL-RvA

ADVANCE HIGH VOLTAGE CAPACITORS

General Characteristics: The capacitor is designed for wide range of uses such as Energy Storage, Filtering, Spark Suppression, bypass and coupling applications. As these are Dry Type construction capacitors, there is no leakage and hence fitment in any position is possible.

Electrical Specifications:

Capacitance: 0.01mfd to 10mfd

Rated voltage: 600 VDC to 40000VDC

Temperature Range: -55°C to +85°C

Tolerance: ±10% standard

Case: Box , Mild steel plate

Finish: Plated or Powder coated.

Terminals: Brass terminals

Dielectric: Metallized Polypropylene film and Aluminum Foil

Test Voltage: Capacitor with rated $\leq 20\text{kV}$, 200% rated voltage applied terminal to terminal for 60 seconds at room temperature. For capacitors rated 20kV & 40kV, 150% rated voltage for 60 seconds at room temperature. For terminals to case the rating is same as above plus 1kV.

Flashover: For rated voltages $\leq 5\text{kV}$, capacitor terminal will withstand 125% rated voltage. For rated voltages $\geq 6\text{kV}$ terminals will withstand 125%.

