

APP (all polypropylene) film capacitors



Features :

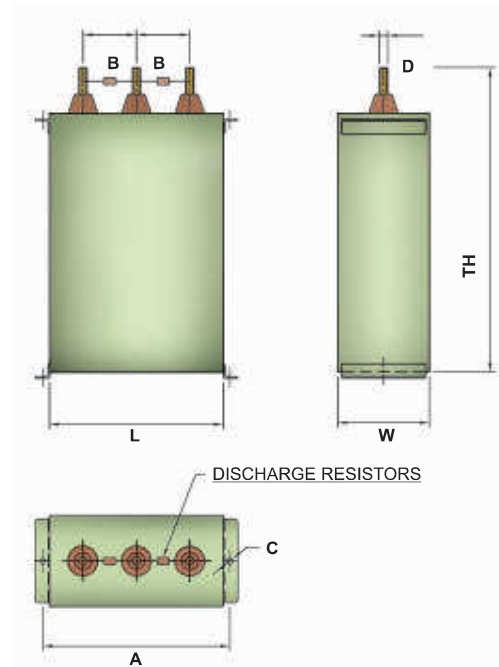
- Film + Foil design.
- Operated at high temperature.
- Better thermal conductivity & higher viscosity of impregnating oil.
- Highest inrush current withstanding capacity.
- Epoxy moulded bushings, leakage is avoided.
- High grade steel tank.
- Best suitable design in supertropical countries like India.
- Life expectancy 2,50,000 hours.

Technical Data :

Description	APP HD Capacitor
STANDARDS	IS-13585-2012 / IEC60931-1-1996
RATED OUTPUT	5 kVAR to 25 kVAR
RATED VOLTAGE	415 V, 440 V
OVER VOLTAGE	$U_N + 10\%$ 30 min in every 24 h
	$U_N + 15\%$ 08 min in every 24 h
	$U_N + 20\%$ 05 min in every 24 h
	$U_N + 30\%$ 01 min in every 24 h
OVER CURRENT	$1.5 \cdot I_N$
RATED FREQUENCY	50 Hz
DISCHARGE RESISTOR	Externally Fitted
DISCHARGE TIME	3 min 75 V
MAX. CAPACITANCE (0% of Rated Capacitance) tolerance	-5% to +7%
TEST VOLTAGE TERMINAL TO TERMINAL	$4.3 \cdot U_N$ for 10 sec (DC)
TEST VOLTAGE TERMINAL / CASE	3 KV for 1 min. or 3.6 KV for 2 sec.
POWER LOSS PER KVAR OF REACTIVE POWER RATING	<0.5 watts / kVAR
PROTECTION	Internal fuse / External fuse



Capacitor Bank



Application :

- Fixed & Automatic P.F. Correction
- Tuned & Detuned Filters
- It is recommended to use at extreme high temperature environment like Foundries & Steel Industries.

Sr. No.	Capacitor Rating	L	W	TH	A	B	C	D
1	5 KVAR	228	123	130	253	50	Ø10	M6
2	7.5 KVAR	228	123	160	253	50	Ø10	M6
3	10 KVAR	228	123	175	253	50	Ø10	M8
4	12.5 KVAR	228	123	205	253	50	Ø10	M8
5	15 KVAR	228	123	250	253	70	Ø10	M10
6	20 KVAR	228	123	295	253	70	Ø10	M10
7	25 KVAR	228	123	335	253	70	Ø10	M10
8	50 KVAR	348	123	480	380	70	Ø10	M12

Note : Above dimensions are in mm for 440 V.
Dimensions tolerance $\pm 10\%$