



ROUND CAPACITORS FOR PANELS & AGRICULTURE

Specifications:

Conformance to standards IS: 13340 – 1993

Range: Single Unit from 2 KVAR to 15 KVAR.

Voltage: 415 V / 440V AC.

Unique Features:

- Manufactured Under strict quality control in controlled environmental conditions.
- Stud mounting cylindrical type having very good KVAR to volume ratio.
- Manufactured using Multi Heavy edge Metalized PP film, which ensures better bonding between the electrode and end spray.
- Self – Healing property and there by eliminating possibilities of short circuits as internal faults heal (clear) itself.
- Low losses reduce temperature rise of capacitors resulting in longer life.
- Capacitors are suitable for wall mounting
- Capable of withstanding high inrush current
- Dry type freedom from oil leakage.
- Compact size and light weight

Applications:

Power factor improvement correction in industries like small scale Industries, Machine shops, tool rooms, small frame motor compensation and agriculture applications.

Life expectancy in Hrs: 80,000

Termination: High Quality max. 16 mm² cable cross section max current 60 AMP

Enclosure: Cylindrical Aluminium casing with stud / M -12



HEAVY DUTY CAPACITOR

Specifications:

Conformance to standards IS: 13340 – 1993

Range: Single unit from 2 KVA r to 25 KVAR.

Voltage: 415 V / 440V AC.

Unique Features:

- Manufactured under strict quality control in controlled environmental conditions.
- Manufactured using multi heavy edge metalized PP film, which ensures better bonding between the electrode and end spray.
- Self – Healing property and thereby eliminating possibilities of short circuits as internal faults heals(clear) itself.
- Low losses reduce temperature rise of capacitors resulting in longer life.
- Capacitors are suitable for floor mounting.
- Capable of with standing high inrush current
- Dry type freedom from Oil leakage.
- Compact size and light weight.

Applications:

Power factor Improvement correction in industries with highly Non – linear and frequent fluctuating loads like that of process industries, IT Parks, Hospitals, Chemical and textile Industries.

Life Expectance in Hrs: 1,10,000

Termination: High Quality max. 16mm² cable cross section max current 60 AMP/M-8

Voltage test between terminals: 1.75 times of rated voltage for 10 seconds



SUPER HEAVY DUTY CAPACITORS

Specifications:

Conformance to standards IS: 13440 – 1993

Range: Single unit from: 5KVAR to 25 KVAR.

Voltage: 415V / 440 V AC.

Unique Features:

- Manufactured under strict quality control in controlled environmental conditions.
- Manufactured using multi heavy edge metalized PP film, which ensures better bonding between the electrode and end spray.
- Self – Healing property and thereby eliminating possibilities of short circuits as internal faults heals(clear) itself.
- Low losses reduce temperature rise of capacitors resulting in longer life.
- Capacitors are suitable for floor mounting.
- Capable of with standing high inrush current
- Dry type freedom from Oil leakage.
- Compact size and light weight.

Applications:

Power factor improvement correction in industries with highly non – linear and frequent fluctuating loads like steel rolling mills, cement plants, sugar plants, oil refineries. Small scale industries, machine shops, tool rooms, small frame motor compensation and commercial establishments.

Life Expectance in hrs: 1,20,000

Termination: High quality max, 35 mm² cable cross section max current 13AMP/M-8

Maximum Over current (Times rated I): 2.5

Peak inrush current on making (Times rated I): 250

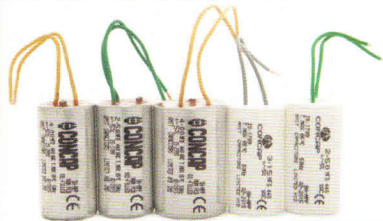
Voltage test between terminals: 2.15 of rated voltage for 10 sec.

Technical Data and limit values:

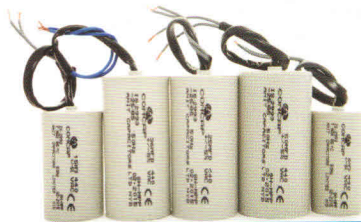
Technical Parameters	Data and limit values
Rated voltage	440V/415VAC
Rated Frequency	50 Hz
Maximum over voltage(Times Rated V)	1.3
Maximum over current (Times Rated I)	2.5
Peak inrush current on making (Times Rated I)	200
Tolerance on capacitance value	5 % to 10 %
Ambient Temperature	40°C to + 55°C
Operational Losses at Dielectric level	= 0.2 W/KVAR
Operational Losses at termination including discharge resistors	= 0.45 W/KVAR
Operational losses at termination including discharge resistors and inductor coils(wherever provided)	= 0.65 W/KVAR
Internal Connections	3 Phase Delta
Safety	Self – healing technology, Non Toxic PU resin Encapsulation
Dielectric	Polypropylene film
Voltage test between terminals	1.75 times of rated voltage for 10 sec
Insulation level	3KV AC for 10 sec
Humidity	Max. 95 %
Installation	Indoor
Reference Standard	IS: 13340 – 1993
Discharge Devices	External discharge resistors in all three phases

AC (MFD) CAPACITORS

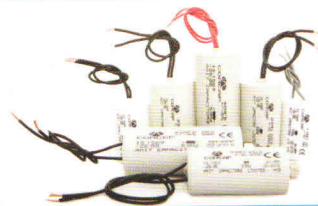
FAN CAPACITORS



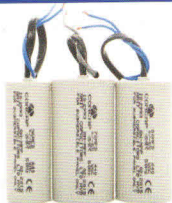
MOTOR CAPACITORS



LIGHTING CAPACITORS



SUBMERSIBLE PANEL CAPACITORS



AC MOTOR START CAPACITORS



AIR CONDITIONER CAPACITORS



WASHING MACHINE CAPACITORS



Specifications:

Complying to **IS 2993** (For Motors)

IS 1709 (For Fans)

IS 1569 (For Lighting Fixtures) and relevant International Standards.

Fan Capacitors: Conformance to standards

IS 1709 / 1984. Capacitance range 1.0 MFD to 10 MFD Voltage 440VAC

Motor Run Capacitors: Conformance to standards IS 2993 / 1998 Capacitance
Range 1.0 MFD to 144 MFD Voltage 440VAC

Flourescent and discharge lamp capacitors: Conformance to standards IS 1569
/ 1976 capacitance range 3.15 MFD to 42 MFD Voltage: 250 VAC / 400 VAC

Range:

250V AC to 600V AC, 1.0 MFD to 150 MFD

Features:

Two layer Metalized polypropylene

Plastic or Aluminium can construction.

Manufactured using state of the art automatic computerized equipment's.

Safety device construction available.

Dual rating capacitors also available.

In House Metalization

Stud type also available

ALL OUR PRODUCTS ARE  CERTIFIED

APPLICATIONS:

Lighting fixtures

Motors and pumps

Air Conditioners / Washing Machines / Fans

Generators / CVTs / UPS / Panels / Submersible Pumps