



# MOTOR RUN CAPACITORS



**Moto RunCap-440V Series**



**METAL Moto RunCap-440V Series**

## Salient Features

- No capacitance Loss over years of running that ensures long life
- Can function with the same efficiency over a wide range of extreme temperatures and humidity
- Made with latest technology Heavy Edge Metalized film that ensures the long life of the capacitors
- Can Withstand Voltage Fluctuations in Motors
- Low losses due to low dissipation factor
- Self Healing Properties
- High Insulation Resistance
- Self-extinguishing plastic material & special stud can design available on request
- Ultra compact and economic design
- Maintenance-free
- Case IP 53 Protected



Jaivc was founded in 1975 in Nashik & involved in design, manufacturing and marketing of range of Top Quality Products such as MPP - Power Factor Correction Capacitors ( Oil Filled & Resin (Dry) designs), APP Capacitors, Power Factor Correction Systems (APFC Panels) to various industries, MNCS, Projects and special applications for more than 40 years.

In 2015 Jaivc significantly stepped up its commitment to India by adding new manufacturing facility at associate concern i.e. Govindsons Flashlight Industries Pvt. Ltd. for manufacturing AC-Mfd Capacitors, Fan Capacitors, Motor Start Capacitors.

Jaivc Capacitors are manufactured adopting latest techniques by our specially trained team of Engineers and skilled technicians in a well equipped modern plant at NASHIK. Best quality available imported and indigenous raw materials are used and production is carried out with utmost care in dust controlled atmosphere, proven technology and modern production processes and stringent quality control with field testing.

At Jaivc, responsiveness to customers needs is an integral part of our marketing strategy. We work together with customers to understand their production operations and application needs, analyze problems and offer optimum solutions. Jaivc has a strong sales and marketing team spread over the country. Our strength in market is based on the technical competence, Product Developments, very efficient and dedicated Channel Partner network to cover entire India and some neighbouring countries.

## MOTOR RUN CAPACITOR

Single-phase AC electric motors require a "Run Capacitor" to energize the second-phase winding (auxiliary coil) to create a rotating magnetic field while the motor is running. Motor Run capacitors are designed for continuous duty while the motor is powered. Run capacitors are mostly polypropylene film capacitors and are energized the entire time the motor is running. Motor Run capacitors are usable for general sine wave applications as Filters, Inverters, UPS Devices etc., but are also particularly suitable for the operation of asynchronous electric motors and electric compressors. As motor run capacitors, they assure smooth and energy-saving operation of electric motors used in applications such as refrigerators, freezers, electric compressors, washers, dryers, air-conditioning appliances, ventilators, pumps & Industrial Motors.



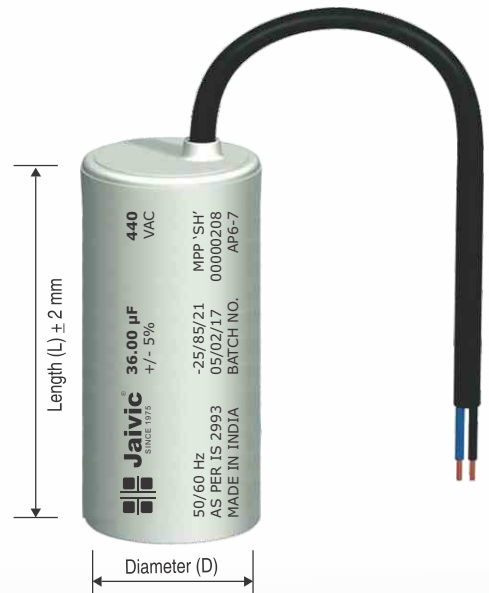
### Moto RunCap-440V Series

Dry Type - Poly Propylene Can		
MFD	Can Size mm (D x L)	Terminals
6.00	27 x 52	Wire Type
8.00	30 x 52	Wire Type
10.00	35 x 70	Wire Type
12.50	35 x 70	Wire Type
15.00	35 x 70	Wire Type
20.00	40 x 70	Wire Type
25.00	45 x 70	Wire Type
30.00	45 x 94	Wire Type
36.00	45 x 94	Wire Type
40.00	45 x 94	Wire Type
45.00	45 x 94	Wire Type
50.00	50 x 93	Wire Type
60.00	50 x 118	Wire Type
72.00	50 x 118	Wire Type



### METAL Moto RunCap-440V Series

Dry Type - Aluminum Can		
MFD	Can Size mm (D x L)	Terminals
6.00	35 x 55	Wire Type
8.00	35 x 75	Wire Type
10.00	35 x 75	Wire Type
12.50	40 x 75	Wire Type
15.00	40 x 75	Wire Type
20.00	45 x 95	Wire Type
25.00	45 x 95	Wire Type
30.00	45 x 95	Wire Type
36.00	45 x 120	Wire Type
40.00	50 x 125	Wire Type
45.00	50 x 125	Wire Type
50.00	50 x 125	Wire Type
60.00	50 x 125	Wire Type
72.00	54 x 125	Wire Type



### Technical Specifications for Motor Run Capacitors

Capacitance Range	6 Mfd to 72 Mfd
Rated Voltage	440 Volts
Rated Frequency	50 / 60 Hz
Operating Temperature Range	- 25 °C to + 85° C
Capacitance Tolerance	+ /- 5%
Insulation Voltage between Terminals	2 x Rated Voltage AC
Insulation Voltage between Case & Terminals	2000 VAC
Standards	IS 2993 - 1998
Polarity	Can be connected either way
Safety Class	P0
Terminals	Flexible Wire Type

**Note :** Other Sizes / Values are available on request.

