



**ELECTRICAL COMPONENTS SDN BHD**  
THE FIRST CHOICE IN ENERGY EFFICIENCY



### *330 Series Motor Running Capacitor*

Motor Running Capacitor is used in water pump, auto-gate motor, air compressor and other single phase motor running applications in continuous or intermittent modes.

#### **Why You Need Motor Running Capacitor?**

The main purpose of the motor run capacitor used in single phase motor applications, is to generate a rotary field that is out of phase with the supply field so that emf can be produced to start the motor. Leaving the capacitor in circuit after the motor has run up to speed rather than disconnecting it, will not only increase the power output and stalling torque but also improve the efficiency and power factor of the motor.



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No	Characteristics	Specifications	
		400V	450V
1	Dielectric	Bi-axially Oriented Polypropylene	
2	Plate	Zinc-Aluminium Alloy, Self-Healing Construction	
3	Rated Voltage (Un)	400V ac	450V ac
4	Class of Operation; Operating Hours (Hrs)	Class B/10,000	Class C/3,000
5	Capacitance Tolerance	± 5% or +5% / -0%	
6	Rated Frequency (fn)	50 Hz / 60 Hz	
7	Climatic category	25/85/21	
8	Temperature Rating	-25°C to +85°C	
9	Dissipation Factor	$Tg\delta \leq 30 \times 10^{-4}$	
10	Casing	Plastic, Self-Extinguishing	
11	Discharge Resistor	No	
12	Terminals	Double 6.3 Tags or Flying Leads 200mm	
13	Safety Protection Class	P0	
14	Fixing	M8 Stud or Nil	
15	RoHS Compliance	Yes	
16	Approved Standard	IEC60252-1 (2001)	

Product Code	$\mu f$	Pieces per Box	Can Dimension OD±1mm X H±2mm
330MELCO0018	1.8	130	30 X 58
330MELCO0020	2.0	130	30 X 58
330MELCO0022	2.2	130	30 X 58
330MELCO0025	2.5	130	30 X 58
330MELCO0030	3.0	130	30 X 58
330MELCO0035	3.5	130	30 X 58
330MELCO0040	4.0	130	30 X 58
330MELCO0045	4.5	100	35 X 58
330MELCO0050	5.0	100	35 X 58
330MELCO0055	5.5	100	35 X 58
330MELCO0060	6.0	100	35 X 58
330MELCO0070	7.0	85	35 X 75
330MELCO0075	7.5	85	35 X 75
330MELCO0080	8.0	85	35 X 75
330MELCO0090	9.0	85	35 X 75
330MELCO0095	9.5	85	35 X 75
330MELCO0100	10.0	85	35 X 75
330MELCO0105	10.5	85	35 X 75
330MELCO0115	11.5	85	35 X 75
330MELCO0120	12.0	50	40 X 75
330MELCO0125	12.5	50	40 X 75
330MELCO0140	14.0	50	40 X 75
330MELCO0150	15.0	50	40 X 75
330MELCO0160	16.0	50	40 X 75
330MELCO0180	18.0	40	45 X 75
330MELCO0200	20.0	40	45 X 75
330MELCO0250	25.0	40	45 X 95
330MELCO0300	30.0	40	45 X 95
330MELCO0350	35.0	25	50 X 129
330MELCO0400	40.0	25	50 X 129
330MELCO0450	45.0	25	50 X 129
330MELCO0500	50.0	16	60 X 129
330MELCO0600	60.0	16	60 X 129
330MELCO0650	65.0	16	60 X 129
330MELCO0700	70.0	16	60 X 129
330MELCO0750	75.0	16	60 X 129
330MELCO0800	80.0	16	60 X 129