



THE FIRST CHOICE OF ENERGY EFFICIENCY

ELCO 330 SERIES MOTOR 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.

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.



PRODUCT INFORMATION - 330 SERIES MOTOR CAPACITOR

Product Code	µf	Pieces Per Box	Can Dimension [OD ±1.0]mm x [H ± 2.0]mm
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 58
330MELCO0075	7.5	85	35 x 58
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	35 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	50 x 75
330MELCO0200	20.0	40	45 x 95
330MELCO0250	25.0	40	45 x 95
330MELCO0300	30.0	40	45 x 95
330MELCO0350	35.0	25.0	50 x 95
330MELCO0400	40.0	25.0	50 x 95
330MELCO0450	45.0	25.0	50 x 95
330MELCO0500	50.0	16.0	50 x 129
330MELCO0600	60.0	16.0	50 x 129
330MELCO0650	65.0	16.0	50 x 129
330MELCO0700	70.0	16.0	50 x 129
330MELCO0750	75.0	16.0	60 x 129
330MELCO0800	80.0	16.0	60 x 129

TECHNICAL SPECIFICATION

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