

CBB60 Motor Run Capacitor with 2 Wires Specification

Reference standards	GB/T 3667.1 (IEC60252-1)
Climatic category	40 / 70 / 21, 40 / 85 / 21
Class of operation	Class B (10000h) Class C (3000h)
Class of safety protection	S0 /S3
Voltage range	250VAC, 370VAC, 440VAC, 450VAC
Capacitance range	1~60μF
Capacitance tolerance	\pm 5%, \pm 10%, \pm 15%
Dissipation factor	20 x10⁻⁴ (100Hz, 20°C)

Test voltage terminal to terminal U_{TT}	2Un for 2 seconds
Test voltage terminal to case U_{TC}	(2Un+1000) VAC or 2000VAC- 50Hz for 60 seconds
Insulation resistance	$\geq 3000s$ (100Hz, 20°C, 1min)

CBB60 Motor Run Capacitor Dimensions(mm) :

Specifications	Routine		With screws or pins	
	450VAC	250VAC	450VAC	250VAC
1μF	$\varphi 26*52$	$\varphi 26*52$	$\varphi 30*52$	$\varphi 30*52$
2μF	$\varphi 26*52$	$\varphi 26*52$	$\varphi 30*52$	$\varphi 30*52$
2.5μF	$\varphi 26*52$	$\varphi 26*52$	$\varphi 30*52$	$\varphi 30*52$

3μF	φ26*52	φ26*52	φ30*52	φ30*52
3.5μF	φ26*52	φ26*52	φ30*59	φ30*52
4μF	φ28.5*55	φ26*52	φ35*62	φ30*52
4.5μF	φ28.5*55	φ26*52	φ35*62	φ30*52
5μF	φ28.5*55	φ26*52	φ35*62	φ30*52
5.5μF	φ34*62	φ26*52	φ35*62	φ30*52
6μF	φ34*62	φ26*52	φ35*62	φ30*52
6.5μF	φ34*62	φ26*52	φ35*62	φ30*52
7μF	φ34*62	φ26*52	φ35*62	φ30*52
8μF	φ34*62	φ26*52	φ35*62	φ30*52

9μF	φ34*62	φ26*52	φ35*62	φ30*52
10μF	φ34*62	φ26*52	φ35*72	φ30*52
12μF	φ37*73	φ26*52	φ35*72	φ30*61
14μF	φ37*73	φ34*62	φ40*72	φ30*61
15μF	φ37*73	φ34*62	φ40*72	φ30*61
16μF	φ37*73	φ34*62	φ40*72	φ30*61
18μF	φ37*73	φ34*62	φ40*72	φ35*67
20μF	φ40*72	φ34*62	φ40*72	φ35*67
25μF	φ42*80	φ42*62	φ40*72	φ35*67
30μF	φ42*90	φ40*72	φ45*95	φ40*72

35μF	φ45*90	φ40*72	φ45*95	φ40*72
40μF	φ50*100	φ42*90	φ50*110	φ40*97
45μF	φ50*100	φ42*90	φ50*110	φ40*97
50μF	φ50*100	φ42*90	φ50*120	φ40*97
60μF	φ50*115	φ42*90	φ50*120	φ40*97

Note: Other specifications and sizes of the terminal outside the table are negotiable.

Applications of CBB60 Motor Run Capacitor with 2 Wires

The CBB60 motor run capacitor with 2 wires is commonly used in single-phase AC motors, such as air conditioners, refrigerators, and washing machines, to improve the power factor and efficiency of the motor. Here are some applications of CBB60 motor run capacitor with 2 wires:

- **Air Conditioning Units:** CBB60 motor run capacitor with 2 wires is widely used in air conditioning units to enhance the motor's efficiency and power factor. It helps the motor start smoothly and operate at a consistent speed.
- **Refrigerators:** Refrigerators and freezers also use CBB60 motor run capacitors with 2 wires to improve the power factor and efficiency of the compressor motor.
- **Washing Machines:** CBB60 motor run capacitors with 2 wires are used in washing machine motors to help the motor start smoothly and run efficiently. It also helps to reduce power consumption.
- **Water Pumps:** CBB60 motor run capacitors with 2 wires are used in single-phase water pumps to improve the starting torque and efficiency of the motor.
- **Fans:** CBB60 motor run capacitors with 2 wires are also used in fans to improve the starting torque and efficiency of the motor. It helps the motor to start quickly and run at a consistent speed.

Overall, the CBB60 motor run capacitor with 2 wires is a versatile component that can be used in a wide range of applications to improve motor efficiency and performance.

CBB60 Motor Run Capacitor with 2 Wires Features

- Widely applied to the starting and running of AC single-phase motors at 50Hz/60Hz frequency power.
- Self-healing property.
- Good stability and reliability.

