

AC Motor Starting Capacitor Aluminum Case Series **CBB65-B** (S2)

Features & Applications

- ◆ Low loss, high insulation resistance.
- ◆ Excellent self-healing and high stability.
- ◆ Small volume and high withstand voltage.
- ◆ Built-in explosion-proof device, reliable safety performance.
- ◆ Applicable to start of air-conditioning and refrigerator.



Certification

	China	GB/T3667.2-2016 AC motor capacitors CQC18002186704/CQC18006203317
	Germany	IEC60252-2:2013 AC motor capacitors, Pending
	USA/Canada	Pending

Technical Parameter

Rated Voltage	330Vac	Range Of Capacitance	20 μF-280 μF
Dissipation Factor	$\tan \delta \leq 0.005(100\text{Hz})$	Insulation Resistance	$R_c \geq 5000\text{M}\Omega \cdot \mu\text{F} (20^\circ\text{C}, 1\text{min}, 500\text{Vdc})$
Climatic Class Temp	40/85/21	Operating Frequency	50/60Hz
Testing Voltage	T-T:1.2U _n /2S	Safety Class	S2
Rated duty cycle	1min/1.67%		

Common Specification

C _n (μF)	U _n (Vac)	ΦDxH (mm)	C _n (μF)	U _n (Vac)	ΦDxH (mm)
50	330	40x60	160	330	45x95
60	330	40x65	160	330	45x115
75	330	40x70	170	330	50x90
80	330	45x65	200	330	50x95
100	330	45x75	220	330	50x100
125	330	45x80	240	330	50x105
140	330	45x110	260	330	55x100
150	330	45x90	280	330	55x100

REMARKS

1. The listed dimension on the above chart is our common specifications, we can produce as customer's requests.
2. The datas are subject to change without notice.
3. The certificate marks can be printed on the product as customer's requests.

CBB60 AC Motor Capacitor

Features & Applications

- ◆ Low loss, high insulation resistance.
- ◆ Excellent self-healing and high stability.
- ◆ Able to withstand impulse current and strong over-load capacity.
- ◆ Applicable to washing machine and fractional horsepower motor and facilitate and help for the startup and operating of the motor.



Certification

	China	GB/T 3667.1-2016 AC motor capacitors 450V:CQC06002017992/500V:CQC05002014180
	USA/Canada	UL810, CSA C22.2.No.190 capacitors "Protected" ,E256239
	Germany	IEC60252-1:2013 AC motor capacitors,R50070712

Technical Parameter

Rated Voltage	450Vac	Range Of Capacitance	1 μF-50 μF
Dissipation Factor	$\tan \delta \leq 0.002(100\text{Hz})$	Insulation Resistance	$R_c \geq 5000\text{M}\Omega \cdot \mu\text{F} (20^\circ\text{C}, 1\text{min}, 500\text{Vdc})$
Climatic Class Temp	40/70/21	Operating Frequency	50/60Hz
Testing Voltage	T-T:2U _n /2S T-C:≥2500Vac/2s		

Common Specification

C _n (μF)	U _n (Vac)	ΦDxH (mm)	C _n (μF)	U _n (Vac)	ΦDxH (mm)
1	450	25x55	6	450	35x60
1.2	450	25x55	7	450	35x60
1.5	450	25x55	8	450	35x60
2	450	25x55	9	450	35x68
2.5	450	25x55	10	450	35x68
3	450	25x55	11	450	37x70
4	450	30x60	12	450	37x70
5	450	35x60	12	450	40x60

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