

Kingtronics®

FKT-CBB60

Motor Capacitor CBB60

FEATURES

- ◆ Low D.F. (dissipation factor), good self-healing character
- ◆ High I.R. (insulation resistance)
- ◆ High safety & High reliability
- ◆ Anti-Striking current, strong over-carrier capacity

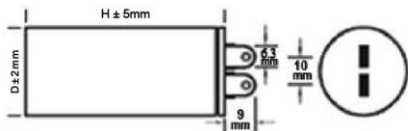


SPECIFICATIONS

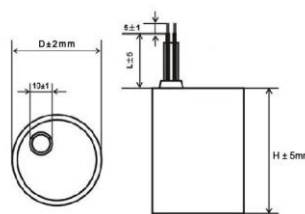
Operating Condition	-40°C ~ +85°C		
Capacitance Range	1µF ~ 100µF(FKT-10~21)		
Capacitance Tolerance	J(±5%) · K(±10%)		
Rated Voltage	250V 450V (AC)		
Withstand Voltage	Withstand voltage test		
	Test area	Test voltage	time
	T-T	rated voltage	2s
	T-C	2400VAC(If all shell made of insulating materials, without any test in this project)	/
Dissipation Factor	≤0.004 100Hz(FKT-10~21)		
Insulation Resistance	≥3000S		

DRAWING:

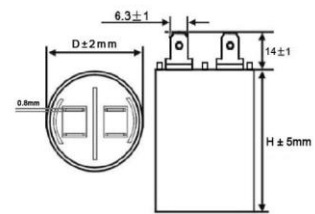
FKT-10



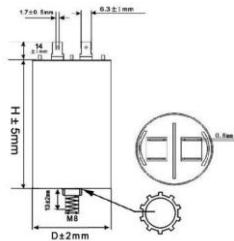
FKT-11



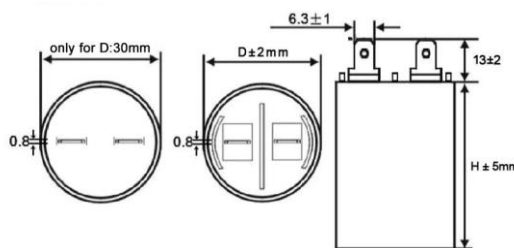
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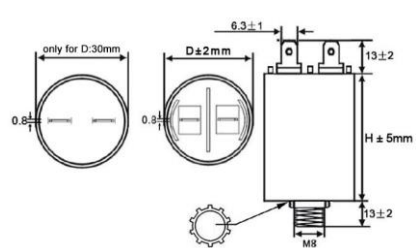
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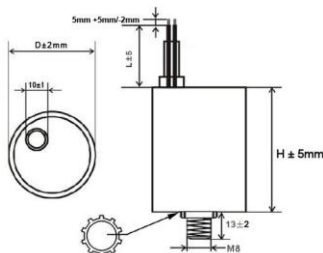
FKT-14



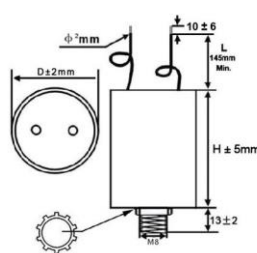
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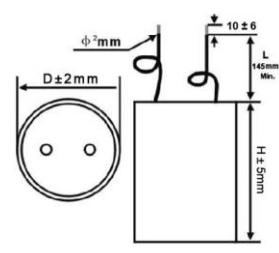
FKT-16



FKT-17



FKT-18



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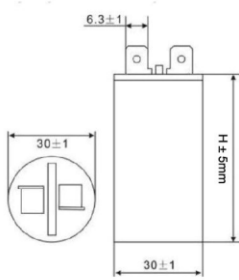
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Kingtronics® FKT-CBB60

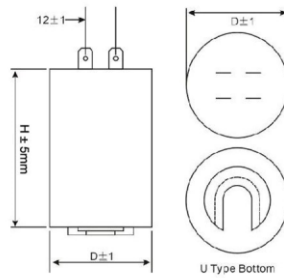
Motor Capacitor CBB60

DRAWING:

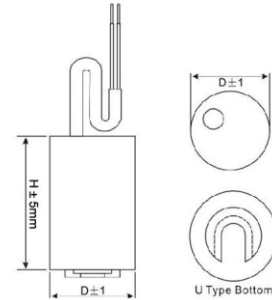
FKT-19(only for D:30mm)



FKT-20



FKT-21



Dimensions For Motor Running Capacitors CBB60

(mm)

CAP	FKT-11				FKT-12				FKT-13				FKT-14			
	250VAC		450VAC		250VAC		450VAC		250VAC		450VAC		250VAC		450VAC	
uF	D	H	D	H	D	H	D	H	D	H	D	H	D	H	D	H
1	30	50	30	50	30	50	30	50	30	57	30	57	30	50	30	50
1.5	30	50	30	50	30	50	30	50	30	57	30	57	30	50	30	50
2	30	50	30	50	30	50	30	50	30	57	30	57	30	50	30	50
2.5	30	50	30	50	30	50	30	50	30	57	30	57	30	50	30	50
3	30	50	30	50	30	50	30	50	30	57	30	57	30	50	30	50
3.5	30	50	30	50	30	50	30	50	30	57	30	57	30	50	30	50
3.75	--	--	--	--	30	50	30	50	30	57	30	57	--	--	--	--
4	30	50	30	50	30	50	30	50	30	57	30	57	30	50	30	50
4.5	30	50	30	60	30	50	30	60	30	57	30	57	30	50	30	60
4.7	30	50	30	60	30	50	30	60	30	57	30	57	--	--	--	--
5	30	50	30	60	30	50	30	60	30	57	35	60	30	50	30	60
6	30	50	30	60	30	50	30	60	30	57	35	60	30	50	30	60
6.3	30	50	30	60	30	50	30	60	30	57	35	60	--	--	--	--
7	30	60	30	60	30	60	30	60	35	60	35	60	30	60	30	60
8	30	60	30	60	30	60	30	60	35	60	35	60	30	60	30	60
9	--	--	--	--	30	60	35	60	35	60	35	60	--	--	--	--
10	30	60	35	60	30	60	35	60	35	60	35	60	30	60	35	60
11	--	--	--	--	30	60	35	60	--	--	--	--	--	--	--	--
12	35	60	35	60	35	60	35	60	35	65	35	60	35	60	35	60
12.5	35	60	35	60	35	60	35	60	35	65	35	60	35	60	35	60
13	35	60	35	60	35	60	35	60	--	--	--	--	35	60	35	60
14	35	60	35	60	35	60	35	70	35	65	35	60	35	60	35	70
15	35	60	35	60	35	60	35	70	35	65	35	60	35	60	35	70
16	35	60	35	70	35	60	35	70	35	65	35	65	35	60	35	70
18	35	60	40	70	35	60	40	70	35	65	40	70	35	60	40	70
20	35	60	40	70	35	60	40	70	35	65	40	70	35	60	40	70
22	40	70	40	70	40	70	40	70	35	65	40	70	40	70	40	70
24	40	70	45	70	40	70	45	70	40	70	40	95	40	70	45	70
25	40	70	45	70	40	70	45	70	40	70	40	95	40	70	45	70
30	40	70	45	93	40	70	45	93	40	70	45	95	40	70	45	93
31.5	--	--	--	--	--	--	--	--	40	70	45	95	--	--	--	--
35	40	70	45	93	40	70	45	93	40	70	45	95	40	70	45	93
40	45	70	50	92	45	70	50	92	45	95	50	106	45	70	50	92
45	45	70	50	92	45	70	50	92	45	95	50	106	45	70	50	92
50	45	93	50	92	45	93	50	92	45	95	50	106	45	93	50	92
55	45	93	50	100	45	93	50	100	45	95	50	106	45	93	50	100
60	45	93	50	100	45	93	50	100	45	95	50	106	45	93	50	100
65	45	93	50	120	45	93	50	120	45	95	50	116	45	93	50	120
70	50	100	50	120	50	92	50	120	50	106	50	116	45	93	50	120
75	50	100	55	117	50	100	55	117	50	106	55	120	50	100	55	117
80	50	100	55	117	50	100	55	117	50	106	55	120	50	100	55	117
85	50	100	60	120	50	100	60	120	50	106	60	120	50	100	60	120
90	50	100	60	120	50	100	60	120	50	106	60	120	50	100	60	120
100	50	100	60	120	50	100	60	120	50	106	60	120	50	100	60	120

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Motor Capacitor CBB60

Dimensions For Motor Running Capacitors CBB60

(mm)

CAP uF	FKT-15				FKT-16				FKT-17				FKT-18			
	250VAC		450VAC		250VAC		450VAC		250VAC		450VAC		250VAC		450VAC	
	D	H	D	H	D	H	D	H	D	H	D	H	D	H	D	H
1	30	57	30	57	30	57	30	57	30	57	30	57	30	50	30	50
1.5	30	57	30	57	30	57	30	57	30	57	30	57	30	50	30	50
2	30	57	30	57	30	57	30	57	30	57	30	57	30	50	30	50
2.5	30	57	30	57	30	57	30	57	30	57	30	57	30	50	30	50
3	30	57	30	57	30	57	30	57	30	57	30	57	30	50	30	50
3.5	30	57	30	57	30	57	30	57	30	57	30	57	30	50	30	50
3.75	30	57	30	57	--	--	--	--	30	57	30	57	30	50	30	50
4	30	57	30	57	30	57	30	57	30	57	30	57	30	50	30	50
4.5	30	57	30	57	30	57	30	57	30	57	30	57	30	50	30	60
4.7	--	--	--	--	--	--	--	--	--	--	--	--	30	50	30	60
5	30	57	30	57	30	57	30	57	30	57	30	57	30	50	30	60
5.5	--	--	--	--	--	--	--	--	--	--	--	--	30	50	30	60
6	30	57	35	60	30	57	35	60	30	57	35	60	30	50	30	60
6.3	30	57	35	60	30	57	35	60	30	57	35	60	30	50	30	60
6.5	--	--	--	--	--	--	--	--	--	--	--	--	30	50	30	60
7	35	60	35	60	35	60	35	60	35	60	35	60	30	60	30	60
7.5	--	--	--	--	35	60	35	60	--	--	--	--	--	--	--	--
8	35	60	35	60	35	60	35	60	35	60	35	60	30	60	35	60
9	35	60	35	60	35	60	35	60	--	--	--	--	30	60	35	60
10	35	60	35	60	35	60	35	60	35	60	35	60	30	60	35	60
11	35	60	35	60	--	--	--	--	--	--	--	--	--	--	--	--
12	35	65	35	60	35	65	35	60	35	65	35	60	35	60	35	60
12.5	35	65	35	60	35	65	35	60	35	65	35	60	35	60	35	60
13	--	--	--	--	35	65	35	60	--	--	--	--	--	--	--	--
14	35	65	35	60	35	65	35	60	35	65	35	60	35	60	35	70
15	35	65	35	60	35	65	35	60	35	65	35	60	35	60	35	70
16	35	65	35	65	35	65	35	65	35	65	35	65	35	60	35	70
18	35	65	40	70	35	65	40	70	35	65	40	70	35	60	40	70
20	35	65	40	70	35	65	40	70	35	65	40	70	35	60	40	70
22	35	65	40	70	35	65	40	70	35	65	40	70	40	70	40	70
24	40	70	45	95	40	70	40	95	40	70	40	95	40	70	45	70
25	40	70	45	95	40	70	40	95	40	70	40	95	40	70	45	70
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33	--	--	--	--	--	--	--	--	--	--	--	--	40	70	45	93
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40	45	95	50	106	45	95	50	106	45	95	50	106	45	70	50	92
45	45	95	50	106	45	95	50	106	45	95	50	106	45	70	50	92
50	45	95	50	106	45	95	50	106	45	95	50	106	45	93	50	92
55	45	95	50	106	45	95	50	106	45	95	50	106	45	93	50	100
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65	45	95	50	116	45	95	50	116	45	95	50	116	45	93	50	120
70	50	106	50	116	50	106	50	116	50	106	50	116	50	100	50	120
75	50	106	55	120	50	106	55	120	50	106	55	120	50	100	55	117
80	50	106	55	120	50	106	55	120	50	106	55	120	50	100	55	117
85	50	106	60	120	50	106	60	120	50	106	60	120	50	100	60	120
90	50	106	60	120	50	106	60	120	50	106	60	120	50	100	60	120
100	50	106	60	120	50	106	60	120	50	106	60	120	50	100	60	120

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FKT-CBB60

Motor Capacitor CBB60

HOW TO ORDER

<u>FKT</u>	<u>13</u>	<u>E2</u>	<u>105</u>	<u>K</u>	<u>000</u>	<u>000</u>	<u>B</u>	<u>R</u>
Series	Sub Series	Voltage	Capacitance	Capacitance Tolerance	Pitch	Lead Length	Packing	Pb
		1.	2.	3.	4.	5.	6.	7.

NOTE:

1. Voltage

Code	E2	S2
Voltage	250 VAC	450 VAC

2. Capacitance

Code	105	125	205	305	505	605	805
Capacitance	1 μ F	1.2 μ F	2 μ F	3 μ F	5 μ F	6 μ F	8 μ F
Code	106	126	156	166	186	206	107
Capacitance	10 μ F	12 μ F	15 μ F	16 μ F	18 μ F	20 μ F	100 μ F

3. Capacitance Tolerance

Code	J	K
Tolerance	\pm 5%	\pm 10%

4. Pitch

Code	000
Pitch (mm)	Standard

5. Lead Length

Code	000
Lead Length	Standard

6. Packing

Code	B
Packing	Bulk

7. Pb

Code	R
Pb	RoHS

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