

**CBB65 series / Metallized polypropylene film AC motor capacitor(column, aluminum case, anti-explosion)**

■ **General Technical Characteristics 一般特性**

Self-healing property  
良好的自愈性  
Excellent stable performance and reliability  
性能稳定, 可靠性强  
Anti-explosion design, more safety  
防爆设计更安全

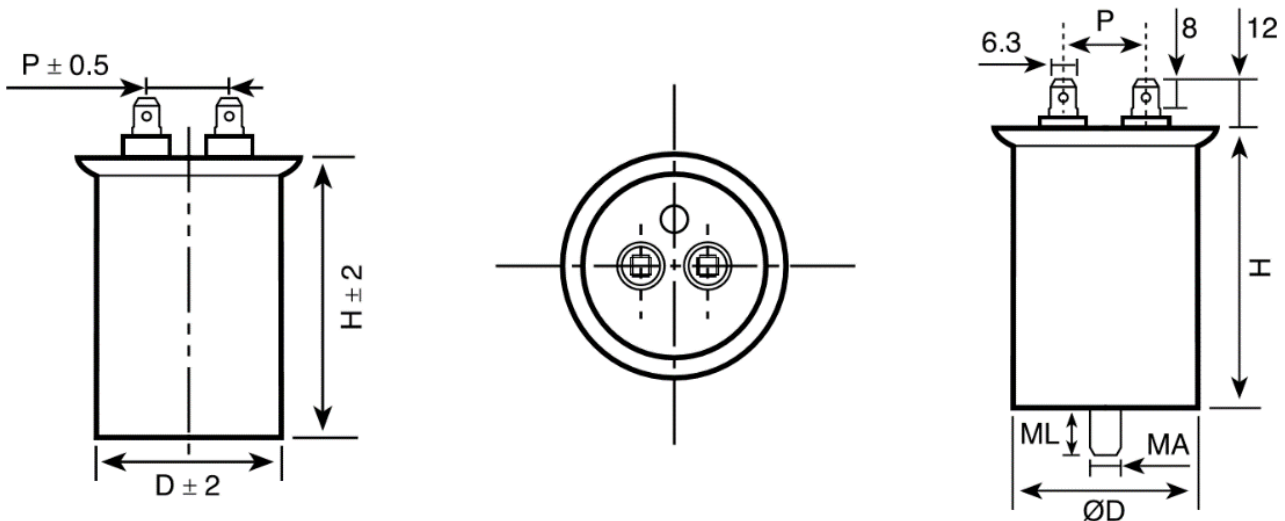
■ **Typical Applications 典型应用**

Widely applied to starting and running of AC single-phase motors at 50Hz/60Hz frequency  
适用于频率为50Hz/60Hz交流电源供电的单相电动机启动和运转  
Widely used for mini pump, washing machine, cleaning machine, welding machine, single phase electric motor, air compressor as starting and running.  
广泛应用于空调、电冰箱、清洗机、除草机中作启动和运转电容器

■ **Electrical Characteristics 电气特性**

Reference Standard 引用标准:	GB/T 3667.1 (IEC60252-1)
Climatic Category 气候类别:	40/70/21
Class of Operation 运行等级:	Class B (10 000h); Class C (3 000h)
Rated Voltage 额定电压:	CBB65A-1: 200VAC ~ 550VAC CBB65A-2: 400 VAC ~ 450VAC
Capacitance Range 电容量范围:	CBB65A-1: 5.0 $\mu$ F ~ 85.0 $\mu$ F, 5.5+8 $\mu$ F ~ 80+15 $\mu$ F CBB65A-2: 1.0 $\mu$ F ~ 20.0 $\mu$ F
Capacitance Tolerance 电容量偏差:	$\pm$ 5% (J), $\pm$ 10%(K), $\pm$ 20%(M)
Class of Safety Protection 安全防护等级:	CBB65A-1: P2/S2 CBB65A-2: P2/S3
Overpressure sensitive disconnection device:	Protected up to 10.000AFC as per UL810
Dissipation Factor 损耗角正切:	$\leq$ 0.2% Measured at 50Hz~100Hz $\leq$ 0.6% Measured at 1KHz, $C_N \leq 33\mu$ F $\leq$ 0.8% Measured at KHz, $C_N > 33\mu$ F
Test Voltage 耐电压:	Between Terminals: 900VAC (2S) Between Terminals to Case: 3 000VAC (60S)
Insulation Resistance 绝缘电阻:	$\geq$ 3 000s (20°C, 100V, 1min.)

■ **Outline Drawing 外形图**



■ **Part Number System 产品编码说明**

<u>K7P</u>	<u>S2</u>	<u>104</u>	<u>K</u>	<u>2</u>	<u>C</u>	<u>00</u>	<u>0</u>	<u>***</u>
型号代码	额定电压	标称容量	容量偏差	引出端代码	安装形式	引出端长度	电阻	内部编码
Series Code:	Voltage:	Capacitance:	Cap. Tol.:	Terminals code:	Installation method:	Length of lead wire:	Resistor:	Internal code
K7P=	S2=450VAC	505=5.0 $\mu$ F	J= $\pm$ 5%, K= $\pm$ 10%	2=two AMP250# per side. 4=four AMP250# per side. W=Insulated flexible lead wire	C=Clamp 8=Bottom bolt M8 0= Bottom bolt M10 2= Bottom bolt M12	00: Standard form 50=50mm	0= without resistor 1= with resistor	

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Electrical Specification & Part Numbers Reference 规格型号参考 (mm)

Cap. (μF)	450VAC (Tabs)			Part Number
	D	H	P	
5	40	60	16	K7PS2505*****
6	40	60	16	K7PS2605*****
7	40	60	16	K7PS2705*****
8	40	60	16	K7PS2805*****
10	40	60	16	K7PS2106*****
11	45	60	18	K7PS2116*****
12	45	60	18	K7PS2126*****
14	45	60	18	K7PS2146*****
11	40	75	16	K7PS2116*****
12	40	75	16	K7PS2126*****
14	40	75	16	K7PS2146*****
15	40	75	16	K7PS2156*****
16	45	75	18	K7PS2166*****
17	45	75	18	K7PS2176*****
17.5	45	75	18	K7PS2175*****
20	45	75	18	K7PS2206*****
25	50	75	18	K7PS2256*****
26	50	75	18	K7PS2266*****
30	50	85	18	K7PS2306*****
16	40	100	16	K7PS2166*****
17	40	100	16	K7PS2176*****
17.5	40	100	16	K7PS2175*****
20	40	100	16	K7PS2206*****
25	40	100	16	K7PS2256*****
26	45	100	18	K7PS2266*****
30	45	100	18	K7PS2306*****
32	45	100	18	K7PS2326*****
33	50	100	18	K7PS2336*****
35	50	100	18	K7PS2356*****
36	50	100	18	K7PS2366*****
40	50	100	18	K7PS2406*****

Cap. (μF)	450VAC (Insulated flexible lead wire)			Part Number
	D	H	P	
33	45	110	18	K7PS2336*****
35	45	110	18	K7PS2356*****
36	45	110	18	K7PS2366*****
40	50	110	18	K7PS2406*****
41	50	110	18	K7PS2416*****
42	50	110	18	K7PS2426*****
45	50	110	18	K7PS2456*****
46	50	110	18	K7PS2466*****
47	55	110	20	K7PS2476*****
48	55	110	20	K7PS2486*****
50	55	110	20	K7PS2506*****
52	55	110	20	K7PS2526*****
53	55	110	20	K7PS2536*****
55	55	110	20	K7PS2556*****
58	55	110	20	K7PS2586*****
47	50	120	18	K7PS2476*****
48	50	120	18	K7PS2486*****
50	50	120	18	K7PS2506*****
52	50	120	18	K7PS2526*****
53	55	120	20	K7PS2536*****
54	55	120	20	K7PS2546*****
55	55	120	20	K7PS2556*****
58	55	120	20	K7PS2586*****
60	55	120	20	K7PS2606*****
63	55	120	20	K7PS2636*****
65	55	120	20	K7PS2656*****
53	50	130	18	K7PS2536*****
55	50	130	18	K7PS2556*****
58	50	130	18	K7PS2586*****
60	50	130	18	K7PS2606*****
63	55	130	20	K7PS2636*****
65	55	130	20	K7PS2656*****
69	55	130	20	K7PS2696*****
70	55	130	20	K7PS2706*****
75	60	130	20	K7PS2756*****
80	60	130	20	K7PS2806*****
85	60	130	20	K7PS2856*****

备注: 1. "\*\*\*\*\*" = Capacitance tolerance code, Terminals code, installation method, Length of lead wire, Resistor and Internal code.

"\*\*\*\*\*" 表示容量偏差, 引出端代码, 安装形式, 引出端长度, 电阻和内部编码。

2. Customization for special specification and requirement is available.