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MOTOR COMPONENTS AND SOLUTION

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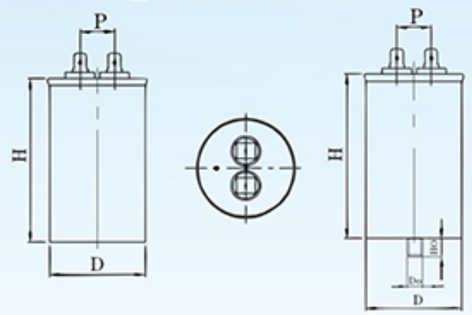
CBB65交流电动机电容器(圆柱形、铝外壳、防爆)

CBB65 AC Motor Capacitor (Column，Aluminum case，Explosion-proofed)

Outline Drawing 外形图



Features 特 点

- 适用于频率为50Hz/60Hz交流电源供电的单相电动机起动和运转
- 有自愈性
- 高稳定性，可靠性
- 防爆设计，更安全
- 圆形电容器，可提供椭圆形电容器
- 单式电容器，可提供复合电容器

- Widely applied to the starting and running of AC single-phase motors at 50Hz/60Hz frequency power.
- Self-healing property
- Good stability and reliability
- Safer with Explosion-proofed design
- Round capacitor, can be provided oval capacitor
- Single capacitor, can be provided double capacitor.

Specifications 技术要求

引用标准 Reference standards	GB/T 3667.1(IEC60252-1)
气候类别 Climatic category	40 / 70 / 21、40 / 85 / 21
运行等级 Class of operation	Class B (10000h)　Class C (3000h)
安全防护等级 Class of safety protection	S2
电压范围 Voltage range	250VAC、370VAC、440VAC、450VAC
容量范围 Capacitance range	2 ~ 100 μ F
电容量偏差 Capacitance tolerance	± 5% 、 ± 10%、± 15%
损耗角正切 Dissipation factor	20 x10^{-4} (100Hz,20℃)
端子间测试电压Test voltage terminal to terminal UTT	2 Un for 2 seconds
端子与外壳间测试电压Test voltage terminal to case UTC	(2Un+1000)VAC or 2000VAC- 50Hz for 60 seconds
绝缘电阻 Insulation Resistance	≥3000s (100Hz，20℃，1min)

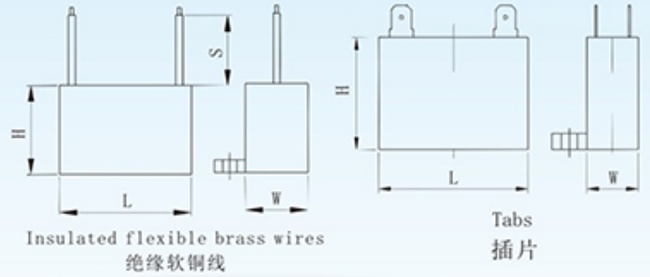
Dimensions(mm) 外形尺寸

序号 NO.	产品规格 production specifications	端子 terminal	外壳尺寸 size
1	CBB65-450VAC 5μF ~9μF	2×4或2×2插片	φ40×60
2	CBB65-450VAC-10μF	2×4或2×2插片	φ40×60
3	CBB65-450VAC-12.5μF	2×4或2×2插片	φ40×70
4	CBB65-450VAC-15μF	2×4或2×2插片	φ45×70
5	CBB65-450VAC-20μF	2×4或2×2插片	φ50×75
6	CBB65-450VAC-25μF	2×4或2×2插片	φ50×85
7	CBB65-450VAC-30μF	2×4或2×2插片	φ50×100
8	CBB65-450VAC-35μF	2×4或2×2插片	φ50×100
9	CBB65-450VAC-40μF	2×4或2×2插片	φ50×100
10	CBB65-450VAC-45μF	2×4或2×2插片	φ50×100
11	CBB65-450VAC-50μF	2×4或2×2插片	φ50×125
12	CBB65-450VAC-55μF	2×4或2×2插片	φ50×125
13	CBB65-450VAC-60μF	2×4或2×2插片	φ50×125
14	CBB65-450VAC-65μF	2×4或2×2插片	φ55×125
15	CBB65-450VAC-70μF	2×4或2×2插片	φ55×125
16	CBB65-450VAC-80μF	2×4或2×2插片	φ60×125
17	CBB65-450VAC-90μF	2×4或2×2插片	φ60×125
18	CBB65-450VAC-100μF	2×4或2×2插片	φ63.5×125

注：表中以外的规格、尺寸和端子，可以商谈。
Note: Other specifications 、 size and terminal outside table are negotiable.

CBB61交流电动机电容器(塑料外壳)
CBB61 AC Motor Capacitor(plastic case)

Outline Drawing 外形图



Features 特 点

- 适用于频率为50Hz/60Hz交流电源供电的单相电动机起动和运转
- 有自愈性
- 高稳定性，可靠性

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

Specifications 技术要求

引用标准 Reference standards	GB/T 3667.1（IEC60252-1）
气候类别 Climatic category	40/70/21、40/85/21
运行等级 Class of operation	Class B (10000h)　Class C (3000h)
安全防护等级 Class of safety protection	S0/S3
电压范围 Voltage range	250VAC、370VAC、440VAC、450VAC
容量范围 Capacitance range	1~35μF
电容量偏差 Capacitance tolerance	±5%、±10%、±15%
损耗角正切 Dissipation factor	20×10^{-4}（100Hz，20℃）
端子间测试电压Test voltage terminal to terminal U_{TT}	2Un for 2 seconds
端子与外壳间测试电压Test voltage terminal to case U_{TC}	(2Un+1000)VAC or 2000VAC- 50Hz for 60 seconds
RC值	≥3000s (100Hz，20℃，1min)

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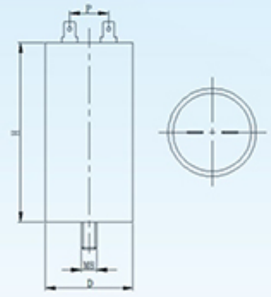
Dimensions(mm) 外形尺寸

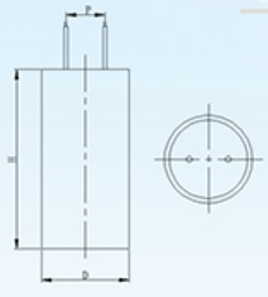
规格 specifi+cations	450VAC	250VAC
1 μ F	37 × 13 × 23	37 × 13 × 23
1.2 μ F	37 × 13 × 23	37 × 13 × 23
1.5 μ F	37 × 14 × 25	37 × 13 × 23
2 μ F	37 × 16 × 28	37 × 13 × 23
2.5 μ F	37 × 18 × 28	37 × 14 × 25
3 μ F	47 × 18 × 29	37 × 14 × 25
3.5 μ F	47 × 18 × 34	37 × 16 × 28
4 μ F	47 × 18 × 34	37 × 16 × 28
4.5 μ F	47 × 22 × 34	37 × 16 × 28
5 μ F	47 × 22 × 34	37 × 18 × 28
5.5 μ F	47 × 22 × 34	37 × 18 × 28
6 μ F	47 × 22 × 34	47 × 18 × 29
6.5 μ F	48 × 26 × 38	47 × 18 × 29
7 μ F	48 × 26 × 38	47 × 18 × 29
8 μ F	48 × 26 × 38	47 × 18 × 34
10 μ F	58 × 26 × 44	47 × 22 × 34
12 μ F	58 × 26 × 44	47 × 22 × 34
15 μ F	58 × 26 × 44	47 × 22 × 34
16 μ F	58 × 26 × 44	48 × 26 × 38
20 μ F	58 × 35 × 49	48 × 26 × 38
25 μ F	58 × 35 × 49	48 × 26 × 38
30 μ F	商定negotiable	58 × 26 × 44
35 μ F	商定negotiable	58 × 26 × 44

注：表中以外的规格、尺寸和端子，可以商谈。
Note: Other specifications 、 size and terminal outside table are negotiable.

CBB60交流电动机电容器(圆柱形、塑料外壳)
CBB60 AC Motor Capacitor(column，plastic case)

Outline Drawing 外形图





Features 特 点

- 适用于频率为50Hz/60Hz交流电源供电的单相电动机起动和运转
- 有自愈性
- 高稳定性，可靠性

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

Specifications 技术要求

引用标准Reference standards	GB/T3667.1（IEC60252-1）
气候类别Climatic category	40/70/21、40/85/21
运行等级Class of operation	Class B(10000h)　Class C(3000h)
安全防护等级Class of safety protection	S0/S3
电压范围Voltage range	250VAC、370VAC、440VAC、450VAC
容量范围Capacitance range	1～60 μ F
电容量偏差Capacitance tolerance	±5%、±10%、±15%
损耗角正切Dissipation factor	20×10^{-4}(100Hz,20℃)
端子间测试电压 Test voltage terminal to terminal U_{TT}	2Un for 2seconds
端子与外壳间测试电压 Test voltage terminal to case U_{TC}	(2Un+1000)VAC or 2000VAC-50Hz for 60seconds
RC值	≥3000s(100Hz，20℃，1min)

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Dimensions(mm) 外形尺寸

规格 specifi+cations	常规型Routine		加螺杆或插片With screws or pins	
	450VAC	250VAC	450VAC	250VAC
1μF	φ26×52	φ26×52	φ30×52	φ30×52
2μF	φ26×52	φ26×52	φ30×52	φ30×52
2.5μF	φ26×52	φ26×52	φ30×52	φ30×52
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

注：表中以外的规格、尺寸和端子，可以商谈。
Note: Other specifications 、 size and terminal outside table are negotiable.

低压自愈式并联电容器
Low Voltage Self-healing Shunt Capacitor

Model And Meaning 型号和含义

B S MJ L 0.45 - 30 - 3

- 相数（3 表示三相，1 表示单相）
- 额定容量（30kvar）
- 额定电压（0.45kV）
- 内装限涌流电抗器，不带限涌流电抗器的不标注
- 介质代号（金属化聚丙烯薄膜）
- 浸渍剂代号（S 微晶蜡；Z 菜籽油；K 空气；C 蓖麻油）
- 系列代号（B 并联电容器；A 滤波电容器）

B S MJ L 0.45 - 30 - 3

- Number of Phase (3 means the three-phase, 1 means the single-phase)
- Rated Capacity (30kvar)
- Rated Voltage (0.45kv)
- Built-in inrush current limiting reactor, non inrush current limiting reactor is not marked.
- Dielectric Code (Metallized Polypropylene Film)
- Impregnant Code (S: Microcrystalline Wax; Z: Rapeseed Oil; K: Air; C: Castor Oil)
- Series Code (B: Shunt Capacitor; A: Filter Capacitor)

Features 特 点

- 小体积，大涌流，适应更高的环境温度，温升更小，发热少。
- 优良的自愈性能，内装自放电电阻和安全防爆装置，产品更安全可靠。
- 采用干式结构，或微晶蜡作为浸渍剂，运行性能更稳定，不漏油，安全环保。
- 经特殊防腐处理的印铁外壳，耐腐蚀，美观牢固，无需喷漆，更环保。

- Small size, large current, adapt to higher ambient temperature degree, lower temperature rise, less heat.
- Excellent self-healing performance, built-in self-discharge resistance and safety explosion-proof device makes the product more safe and more reliable.
- Adopt dry structure, or use microcrystalline wax as an impregnant agent, running performance is more steady, no oil leakage, safety and environmental protection.
- The printed iron shell with special anti-corrosion treatment, corrosion resistance, attractive and firm, no need to spray paint, more environmentally friendly.

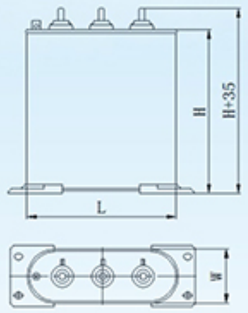
Applications 应用场合

- 适用于标称电压 1000V 及以下，频率为 15Hz~60Hz 的交流电力系统的功率因素的电容器，主要用于提高功率因素，减少无功损耗，改善电压质量。

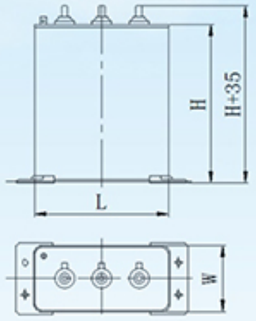
- Widely applied to the power factor capacitors of AC power system with nominal voltage of 1000V and below, frequency of 15Hz ~ 60Hz, mainly used to improve the power factor, reduce reactive power loss and improve voltage quality.

Outline Drawing 外形图

Drawing A:



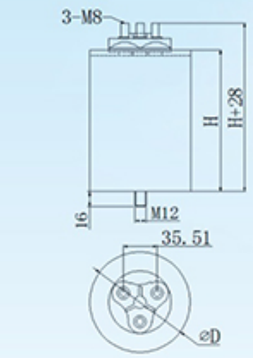
Drawing B:



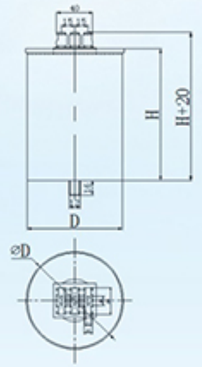
Technical Specification 技术参数

产品型号 Model BSMJ	额定电压 Rated voltage	额定容量 Rated capacity	外形尺寸 SizeL×W×H	产品型号 Model BSMJ	额定电压 Rated voltage	额定容量 Rated capacity	外形尺寸 SizeL×W×H
	kv	kvar	mm		kv	kvar	mm
0.4–5–3	0.4	5	167×57×110	0.45–16–3	0.45	16	167×57×180
0.4–7.5–3	0.4	7.5	167×57×130	0.45–18–3	0.45	18	167×57×210
0.4–10–3	0.4	10	167×57×150	0.45–20–3	0.45	20	167×57×210
0.4–12–3	0.4	12	167×57×180	0.45–25–3	0.45	25	167×85×210
0.4–14–3	0.4	14	167×57×210	0.45–30–3	0.45	30	167×85×210
0.4–15–3	0.4	15	167×57×210	0.525–5–3	0.525	5	167×57×130
0.4–16–3	0.4	16	167×57×210	0.525–7.5–3	0.525	7.5	167×57×150
0.4–18–3	0.4	18	167×85×190	0.525–10–3	0.525	10	167×57×180
0.4–20–3	0.4	30	167×85×190	0.525–12–3	0.525	12	167×57×210
0.4–25–3	0.4	25	167×85×210	0.525–14–3	0.525	14	167×57×240
0.4–30–3	0.4	30	167×85×250	0.525–15–3	0.525	15	167×57×240
0.45–5–3	0.45	5	167×57×110	0.525–16–3	0.525	16	167×85×210
0.45–7.5–3	0.45	7.5	167×57×110	0.525–18–3	0.525	18	167×85×210
0.45–10–3	0.45	10	167×57×130	0.525–20–3	0.525	20	167×85×210
0.45–12–3	0.45	12	167×57×150	0.525–25–3	0.525	25	167×85×245
0.45–14–3	0.45	14	167×57×150	0.525–30–3	0.525	30	167×85×300
0.45–15–3	0.45	15	167×57×180				

Drawing C:



Drawing D:



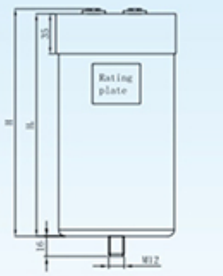
Technical Specification 技术参数

产品型号 Model BSMJ	额定电压 Rated voltage	额定容量 Rated capacity	外形尺寸 SizeL×W×H	产品型号 Model BSMJ	额定电压 Rated voltage	额定容量 Rated capacity	外形尺寸 SizeL×W×H
	kv	kvar	mm		kv	kvar	mm
0.4–5–3	0.4	5	ϕ76×245	0.45–16–3	0.45	16	ϕ86×245
0.4–7.5–3	0.4	7.5	ϕ76×245	0.45–18–3	0.45	18	ϕ86×290
0.4–10–3	0.4	10	ϕ76×245	0.45–20–3	0.45	20	ϕ86×290
0.4–12–3	0.4	12	ϕ76×245	0.45–25–3	0.45	25	ϕ116×290
0.4–14–3	0.4	14	ϕ86×245	0.45–30–3	0.45	30	ϕ116×290
0.4–15–3	0.4	15	ϕ86×245	0.525–5–3	0.525	5	ϕ76×245
0.4–16–3	0.4	16	ϕ86×245	0.525–7.5–3	0.525	7.5	ϕ76×245
0.4–18–3	0.4	18	ϕ86×290	0.525–10–3	0.525	10	ϕ76×245
0.4–20–3	0.4	30	ϕ86×290	0.525–12–3	0.525	12	ϕ76×245
0.4–25–3	0.4	25	ϕ116×290	0.525–14–3	0.525	14	ϕ86×245
0.4–30–3	0.4	30	ϕ116×290	0.525–15–3	0.525	15	ϕ86×245
0.45–5–3	0.45	5	ϕ76×245	0.525–16–3	0.525	16	ϕ86×290
0.45–7.5–3	0.45	7.5	ϕ76×245	0.525–18–3	0.525	18	ϕ86×290
0.45–10–3	0.45	10	ϕ76×245	0.525–20–3	0.525	20	ϕ86×290
0.45–12–3	0.45	12	ϕ76×245	0.525–25–3	0.525	25	ϕ116×290
0.45–14–3	0.45	14	ϕ86×245	0.525–30–3	0.525	30	ϕ116×290
0.45–15–3	0.45	15	ϕ86×245				

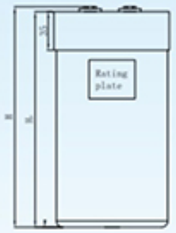
光伏风电圆柱直流滤波电容器
DC-LINK Capacitor (Photovoltaic wind power cylinder)

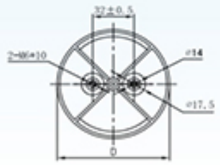
Outline Drawing 外形图

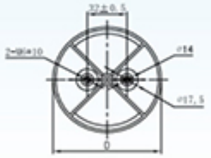
Drawing A:



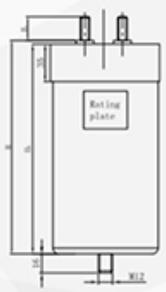
Drawing B:



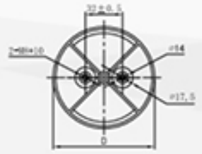




Drawing C:



Drawing D:



Features 特 点

- 应用于直流滤波电路中，可替代电解电容
- 等效串联电阻小，能承受较大的纹波电流
- 自感小
- 有自愈性
- 寿命长
- 铝壳，树酯灌封

- Used in DC-Link filter circuits, can replace electrolytic capacitor
- Low ESR, high ripple current handling capabilities
- Low inductance
- Self-healing property
- Long lifetime
- Aluminum case, resin sealing

Applications 应用场合

- 风能发电、太阳能发电用或其它工业用变频器
- 直流支撑滤波电路

- Used in wind power, solar power or other industrial frequency converters
- Used in DC support filter circuit

Technical Specification 技术参数

Cn (μF)	Rs (mΩ)	Imax (A)	Î (KA)	WN (Ws)	Ls (nH)	D xL (mm)	Drawing	m (Kg)	Order No.
		Un 700VDC		Us 1050v		Ur 200V	U t-t 1050 VDC	Ut-c 3000 VAC	
370	2.1	40	2.0	86	50	Φ76 x130	A、B、C、D	0.7	AG.H13 0K70-3706D76
440	1.8	40	2.3	103	50	Φ76 x145	A、B、C、D	0.8	AG.H14 0K70-4406D76
470	1.7	55	2.5	110	40	Φ86x130	A、B、C、D	0.9	AG.H13 0K70-4706D86
560	1.4	40	3.0	132	60	Φ76 x181	A、B、C、D	1.0	AG.H18 0K70-5606D76
590	1.3	55	3.1	137	40	Φ86x145	A、B、C、D	1.0	AG.H14 0K70-5906D86
730	1.1	55	3.9	171	50	Φ86x181	A、B、C、D	1.2	AG.H18 0K70-7306D86
1030	1.0	55	5.1	252	70	Φ86x225	A、B、C、D	1.5	AG.H22 0K70-1037D86

Cn (μF)	Rs (mΩ)	Imax (A)	Î (KA)	WN (Ws)	Ls (nH)	D xL (mm)	Drawing	m (Kg)	Order No.
Un 900VDC Us 1350v Ur 200V U t-t 1350 VDC Ut-c 3000 VAC									
350	2.1	40	2.0	148	50	Φ76 x130	A、B、C、D	0.7	AG.H13 0K90-3506D76
410	1.2	40	2.3	178	50	Φ76 x135	A、B、C、D	0.8	AG.H13 0K90-4106D76
470	1.0	55	2.5	191	40	Φ86x135	A、B、C、D	0.9	AG.H13 0K90-4706D86
540	1.4	40	3.0	229	60	Φ76 x181	A、B、C、D	1.0	AG.H18 0K90-5406D76
560	1.3	55	3.1	238	40	Φ86x145	A、B、C、D	1.0	AG.H14 0K90-5606D86
700	1.1	55	3.9	297	50	Φ86x181	A、B、C、D	1.2	AG.H18 0K90-7006D86
1020	1.0	60	5.1	413	70	Φ86x225	A、B、C、D	1.5	AG.H22 0K90-1027D86
Un 1100VDC Us 1650v Ur 250V U t-t 1650 VDC Ut-c 3000 VAC									
240	3.3	50	1.5	170	50	Φ76 x130	A、B、C、D	0.7	AG.H13 1K10-2406D76
300	2.6	50	1.9	216	60	Φ76 x145	A、B、C、D	0.8	AG.H14 1K10-3006D76
320	2.4	65	2.0	232	40	Φ86x130	A、B、C、D	0.9	AG.H13 1K10-3206D86
380	2.2	50	2.3	270	60	Φ76 x181	A、B、C、D	1.0	AG.H18 1K10-3806D76
400	2.0	65	4.2	242	50	Φ86x156	A、B、C、D	1.2	AG.H15 1K10-4006D86
500	1.5	70	6.0	303	60	Φ86x186	A、B、C、D	1.3	AG.H18 1K10-5006D86
600	1.6	60	4.2	363	70	Φ86x225	A、B、C、D	1.5	AG.H22 1K10-6006D86
1200	0.9	100	7.8	726	80	Φ120x230	A、B、C、D	2.5	AG.H23 1K10-1207D120
Un 1100VDC Us 1650v Ur 250V U t-t 1650 VDC Ut-c 3000 VAC									
320	2.5	62	2.88	230	65	Φ76x155	A、B、C、D	1.1	AG.H15 1K20-3206D76
420	1.8	65	2.97	238	50	Φ86x175	A、B、C、D	1.2	AG.H17 1K20-4206D86
470	1.7	65	4.00	338	60	Φ86x195	A、B、C、D	1.5	AG.H19 1K20-4706D86
Un 1300VDC Us 1950v Ur 300V U t-t 1950 VDC Ut-c 3000 VAC									
160	2.1	40	1.8	138	50	Φ76 x130	A、B、C、D	0.7	AG.H13 1K30-1606D76
200	2.2	40	2.0	168	60	Φ76 x145	A、B、C、D	0.8	AG.H14 1K30-2006D76
220	2.0	50	2.2	185	40	Φ86x130	A、B、C、D	0.9	AG.H13 1K30-2206D86
250	2.1	40	2.4	208	60	Φ76 x181	A、B、C、D	1.0	AG.H18 1K30-2506D76
270	1.4	50	2.6	227	50	Φ86x145	A、B、C、D	1.0	AG.H14 1K30-2706D86
330	1.6	50	3.0	281	60	Φ86x181	A、B、C、D	1.2	AG.H18 1K30-3306D86
460	2.1	60	4.1	390	70	Φ86x225	A、B、C、D	1.5	AG.H22 1K30-4606D86

Cn (μF)	Rs (mΩ)	Imax (A)	Î (KA)	WN (Ws)	Ls (nH)	D xL (mm)	Drawing	m (Kg)	Order No.
Un 1500VDC Us 2250v Ur 300V U t-t 2250 VDC Ut-c 3000 VAC									
110	2.1	35	1.6	133	50	Φ76 x130	A、B、C、D	0.7	AG.H13 1K50-1106D76
140	2.2	35	2.0	159	60	Φ76 x145	A、B、C、D	0.8	AG.H14 1K50-1406D76
150	1.8	45	2.2	174	40	Φ86x130	A、B、C、D	0.9	AG.H13 1K50-1506D86
190	1.7	35	2.8	217	60	Φ76 x181	A、B、C、D	1.0	AG.H18 1K50-1906D76
250	1.3	45	3.5	278	50	Φ86x181	A、B、C、D	1.2	AG.H18 1K50-2506D86
345	1.9	60	5.0	389	70	Φ86x225	A、B、C、D	1.5	AG.H22 1K50-3456D86
Un 1800VDC Us 2700v Ur 400V U t-t 2700 VDC Ut-c 3000 VAC									
120	1.6	50	1.8	198	50	Φ86 x130	A、B、C、D	0.9	AG.H13 1K80-1206D86
140	2.0	40	2.0	226	60	Φ76 x181	A、B、C、D	0.9	AG.H18 1K80-1406D76
185	1.4	50	2.5	299	60	Φ86 x181	A、B、C、D	1.2	AG.H18 1K80-1856D86
260	2.4	60	3.0	424	70	Φ86 x225	A、B、C、D	1.5	AG.H22 1K80-2606D86
Un 2200VDC Us 3200v Ur 500V U t-t 3200 VDC Ut-c 4000 VAC									
75	1.4	50	2.2	222	50	Φ86 x130	A、B、C、D	0.9	AG.H13 2K20-7505D86
90	2.0	40	3.2	260	60	Φ76 x181	A、B、C、D	1.0	AG.H18 2K20-9005D76
120	1.2	50	3.5	346	60	Φ86 x181	A、B、C、D	1.2	AG.H18 2K20-1206D86
165	1.9	60	4.5	477	70	Φ86 x225	A、B、C、D	1.5	AG.H22 2K20-1656D86
Un 2600VDC Us 4000v Ur 700V U t-t 4000 VDC Ut-c 4500 VAC									
50	1.4	50	1.6	181	50	Φ86 x130	A、B、C、D	0.9	AG.H13 2K60-5005D86
65	1.5	40	2.0	218	60	Φ76 x181	A、B、C、D	1.0	AG.H18 2K60-6505D76
80	1.2	50	2.5	283	60	Φ86 x181	A、B、C、D	1.2	AG.H18 2K60-8005D86
115	2.0	60	3.3	392	70	Φ86 x225	A、B、C、D	1.5	AG.H22 2K60-1156D86

注：表中以外的规格和尺寸，可以商谈。
Note: Other specifications and size outside table are negotiable

NIDE
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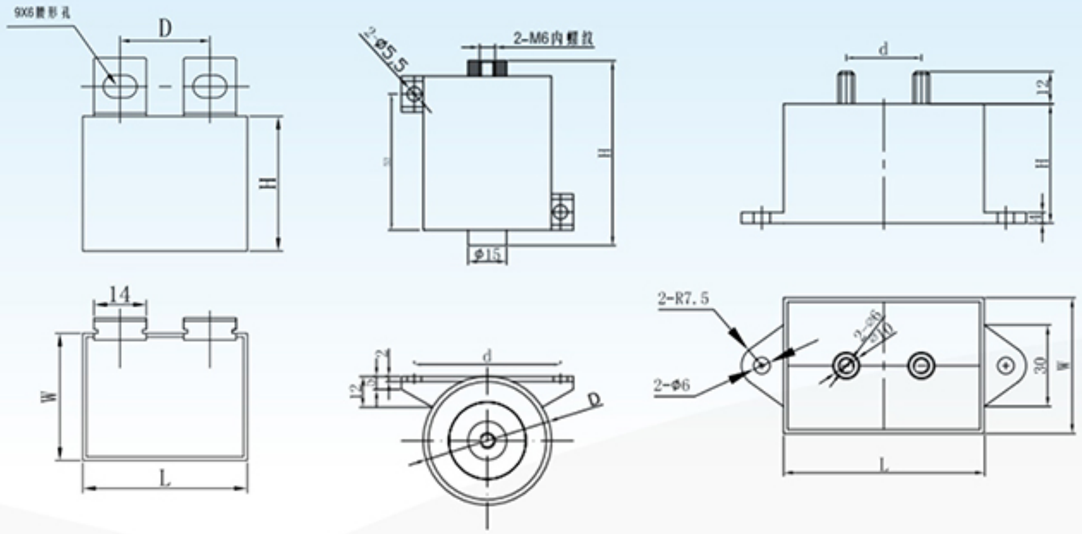
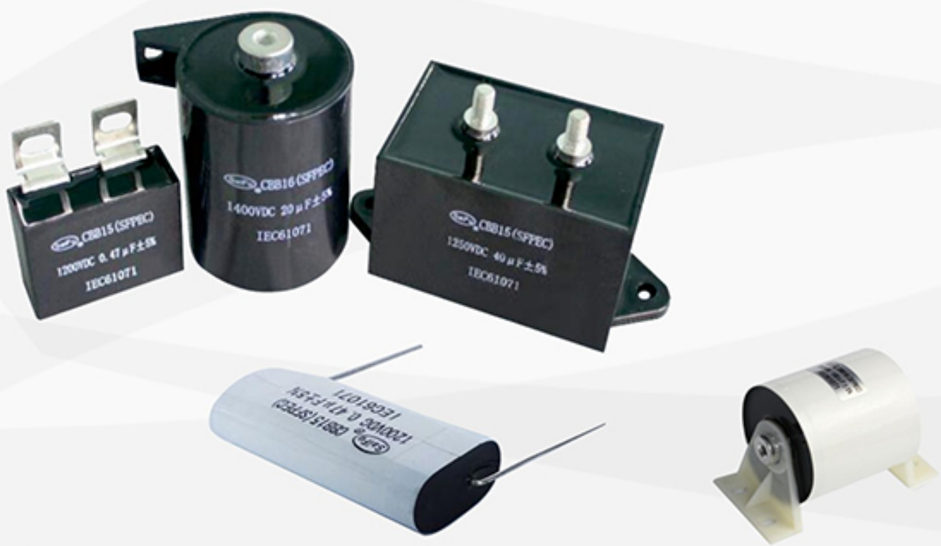
CBB15 CBB16 逆变焊机直流滤波电容器
CBB15 CBB16 Welding inverter DC filter capacitor

Outline Drawing 外形图





Features 特 点

- 应用于大功率高频开关电源中高频脉冲电流吸收、滤波
- 等效串联电阻小，能承受较大的纹波电流和大电流冲击
- 自感小，高频特性好
- 有自愈性
- 寿命长
- 塑料外壳，树脂灌封

- Used to absorb or filter high-frequency impulse in high-power high -frequency switch.
- Low ESR, high ripple current and large current shock handling capabilities
- Low Ls, good high frequency characteristics
- Self-healing property
- Long lifetime
- Plastic case, resin sealing

Applications 应用场合

- 用于高频开关电源中滤波、吸收、隔直、谐振电路
- 用于EMI电路，如高频逆变焊机、UPS、电动汽车等

- Used in filter, absorption, blocking, resonance circuits of high-frequency switching power supply.
- Widely applied to EMI, such as high frequency welding inverter, UPS, electric vehicles, etc..

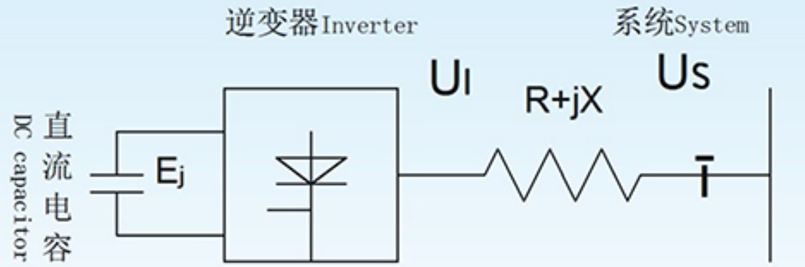
Technical Specification 技术参数

Cn(μF)	Un(V)	Imax(A)	dv/dt (V/μs)	Ls(nH)	U t-t(V)	U t-c(V)	tg δ (20℃,10 kHz)	Size(mm)
CBB15(SFPEC)								
0.47	1200VDC	7	1200	≤10	1800V,10S	3000VAC,60S	$\leq 10\times10^{-4}$	46×18×34
1	1200VDC	15	1200	≤10	1800V,10S	3000VAC,60S	$\leq 10\times10^{-4}$	46×34×36
2	1200VDC	25	1200	≤10	1800V,10S	3000VAC,60S	$\leq 10\times10^{-4}$	50×46×50
3	1200VDC	35	1200	≤10	1800V,10S	3000VAC,60S	$\leq 10\times10^{-4}$	50×46×50
30	1250VDC	30	200	≤10	1800V,10S	3000VAC,60S	$\leq 100\times10^{-4}$	74×46×49
40	1250VDC	40	200	≤10	1800V,10S	3000VAC,60S	$\leq 100\times10^{-4}$	74×46×49
CBB16(SFPEC)								
2	500VAC	25	1200	≤10	1800V,10S	3000VAC,60S	$\leq 10\times10^{-4}$	φ63×49
3	500VAC	35	1200	≤10	1800V,10S	3000VAC,60S	$\leq 10\times10^{-4}$	φ63×49
4	500VAC	50	1200	≤10	1800V,10S	3000VAC,60S	$\leq 10\times10^{-4}$	φ63×49
5	500VAC	60	1300	≤10	1800V,10S	3000VAC,60S	$\leq 10\times10^{-4}$	φ63×49
6	500VAC	80	1400	≤10	1800V,10S	3000VAC,60S	$\leq 10\times10^{-4}$	φ76×49
10	1400VDC	6	200	≤10	1800V,10S	3000VAC,60S	$\leq 30\times10^{-4}$	φ50×60
20	1400VDC	10	200	≤10	1800V,10S	3000VAC,60S	$\leq 30\times10^{-4}$	φ50×60
50	350VDC	14	200	≤10	600V,10S	3000VAC,60S	$\leq 30\times10^{-4}$	φ50×60
40	800VDC	10	200	≤10	1200V,10S	3000VAC,60S	$\leq 30\times10^{-4}$	φ40×60
60	800VDC	15	200	≤10	1200V,10S	3000VAC,60S	$\leq 30\times10^{-4}$	φ50×60
100	800VDC	28	200	≤10	1200V,10S	3000VAC,60S	$\leq 30\times10^{-4}$	φ62×60
200	800VDC	26	200	≤10	1200V,10S	3000VAC,60S	$\leq 30\times10^{-4}$	φ60×110

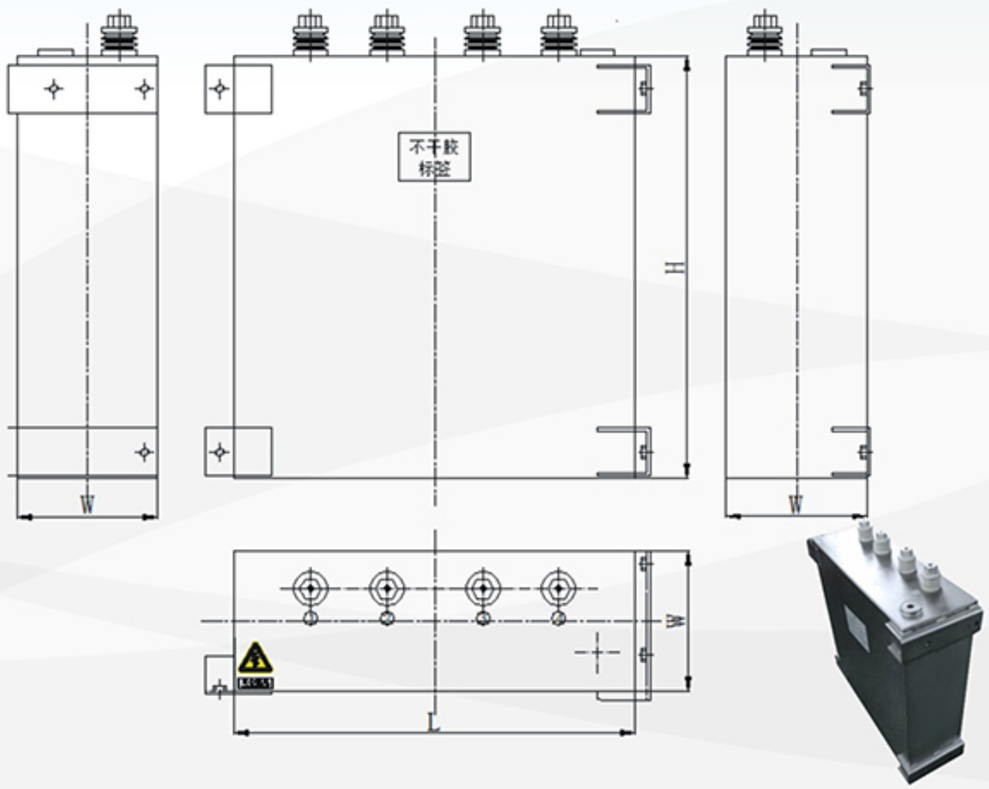
注：表中以外的规格和尺寸、可以商谈。
Note: Other specifications and size outside table are negotiable.

储能脉冲直流滤波电容器
Energy storage, Pulsed, DC-Link Filter Capacitor

Outline Drawing 外形图



SVG单相等效电路图
SVG single-phase equivalent circuit



Features 特 点

- 高比能密度，电容器储能强
- 等效串联电阻小，能承受较大的纹波电流和大峰值电流冲击
- 自感低，dv/dt大，频率特性好
- 有自愈性
- 寿命长，lifetime≥10万小时
- 高真空注油，散热性好，电容器性能稳定可靠.
- 大容量
- 高导热系数

- High specific energy density, strong storage capacity
- Low ESR, high ripple current and large peak current shock handling capabilities
- Low inductance, large dv/dt, good frequency characteristics.
- Self-healing property
- Long lifetime(≥100,000h)
- High vacuum oiling , good heat dissipation, stable and reliable performance of the capacitors
- Huge capacitance
- High thermal conductivity

Applications 应用场合

- 用于轨道交通牵引或船舶驱动变流器。
- 用于各类大功率工业逆变器，如高压变频传动装置。
- 用于电网谐波治理、SVG设备。

- Used in rail transit traction or ship drive converter.
- Used in various high-power industrial inverters, such as high-voltage variable frequency drive device
- Used in power harmonic governance and SVG equipment.

Technical specification 技术参数

序号	额定电压VDC	额定容量μF	长×宽×高mm	有效电流A	序号	额定电压VDC	额定容量μF	长×宽×高mm	有效电流A
1	1000	500	180×100×160	50	24	1600	400	240×120×160	45
2	1000	1000	230×100×210	95	25	1600	800	240×120×270	87
3	1000	1500	250×120×220	108	26	1600	1000	290×120×265	109
4	1000	2000	250×120×270	144	27	1600	1200	340×120×270	130
5	1000	2200	280×120×260	159	28	1600	2400	340×120×480	263
6	1000	2400	300×120×270	173	29	1800	1000	320×120×290	122
7	1000	3000	300×120×325	217	30	1800	2000	320×120×530	220
8	1000	3500	340×120×320	250	31	2000	500	320×120×230	75
9	1000	4700	450×120×320	335	32	2000	1000	320×120×410	150
10	1000	5000	350×120×430	358	33	2000	2000	380×120×650	300
11	1200	500	240×100×160	57	34	2500	250	230×120×210	40
12	1200	1000	230×120×210	83	35	2500	500	310×120×290	80
13	1200	1200	280×120×210	100	36	2500	1000	340×120×480	166
14	1200	1500	320×120×230	127	37	3000	250	230×120×260	48
15	1200	2000	340×120×265	166	38	3000	500	350×120×325	96
16	1200	2500	320×120×340	200	39	3000	1000	350×120×600	190
17	1200	4000	340×120×480	330	40	3500	250	350×120×270	60
18	1500	500	230×120×160	48	41	3500	500	350×120×490	120
19	1500	1000	300×120×215	95	42	4000	250	380×120×350	73
20	1500	1500	340×120×260	144	43	4000	500	380×120×650	150
21	1500	2000	350×120×325	192	44	5000	200	350×120×375	65
22	1500	2500	360×120×390	240	45	5000	250	500×120×320	80
23	1500	3200	350×120×490	308	46	5000	500	520×230×320	164

注：表中以外的规格和尺寸、可以商谈。
Note: Other specifications and size outside table are negotiable.