



宁国市奇博电器有限公司 Ningguo city Qibo Electronic CO., Ltd



宁国市奇博电器有限公司
NINGGUO QIBO ELECTRONIC CO., LTD

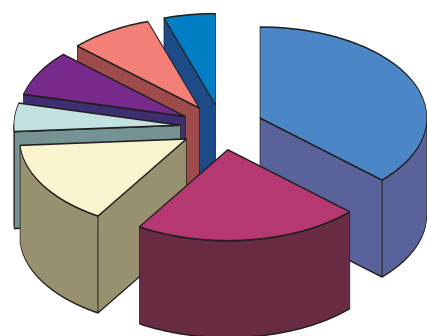
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销售网络 Sales Network



- 国内市场
- 北美市场
- 南美市场
- 非洲市场
- 欧洲市场
- 东南亚市场
- 南亚市场



经营理念 Core Conception

敬业/厚德/自强/创新

Dedication/Noble morality/Self-improvement/Innovation



企业简介 Company Profile

CBB65-R1



奇博电器是一家集开发、研制、生产电容器的专业公司，主要致力于金属化薄膜电容器的开发、研制和生产。

公司拥有实力雄厚的研发中心和经验丰富的技术服务团队，公司通过了ISO9001，ISO14001体系认证。

主要产品有：CBB60、CBB61、CBB65系列交流电动机电容器、CBB66防爆型金卤灯专用电容器、CBB80型管形荧光灯电容器和其他放电线路用功率因数补偿电容器、BCMJ自愈式低压并联电容器、AKMJ与BKMJ型滤波电容器、CBG轨道电路补偿电容器、DC-Link直流支撑电容器等金属化聚丙烯薄膜介质电容器，以及CD60型电机启动用铝电解电容器；以及其他特种电容器等。

产品通过了CQC、UL、C-UL、CE、TUV、VDE、CSA等国内外认证，并获得多项国家专利。

奇博实施两个战略转型：企业转型从卖产品到卖服务；商业模式转型，从传统商业模式转型为人单合一双赢模式。让每个员工直面市场，更加敏捷快速地获取并满足碎片化、个性化的用户需求。

JINAN RETEKOOL INC is a professional manufacturer of capacitor.

The production base is NINGGUO QIBO ELECTRONIC. The base is a professional company of which develop and produce capacitor.it is mainly engaged in the development and production of metallized film capacitors.

The company has strong development center and experienced technical service team,and it has passed the ISO9001 , ISO14001 system certification.

The main products are:The series of CBB60、CBB61、CBB65 AC motor capacitor,CBB66 of explosion proof type capacitor for metal halide lamp,CBB80 of power factor compensation capacitors for tubular fluorescent lamps and other discharge lamps,BCMJ of self healing low voltage shunt capacitor,AKMJ and BKMJ of filter capacitor,CBG of track circuit compensation capacitor,D C - L i n k of metallized polypropylene film dielectric capacitors with DC support capacitors and other special capacitors.

The products passed the CQC、UL、C-UL、CE、TUV、VDE、CSA etc..domestic and international certification,and get a lot nation patent.

QIBO carry out two strategic transformation:Business transformation from selling product to selling service.business model transformation,from traditional business model into win win model.every employee face the market,more quicker to get and satisfied customer's fragmentation and personalization.



产品特点/product features

- ◆ 金属外壳，塑料绝缘，绝缘油浸渍，内部有压力保护装置，安全可靠；体积小、重量轻、绝缘电阻高、耐电压高、损耗小、自愈性优良、性能稳定等优点
- ◆ Metal case, plastic insulation, insulation oil impregnation, with inner pressure protection device, safe and reliable; small volume、light weight、high insulation resistance、High withstand voltage、low dissipation factor、good self-healing、stable performance and etc.

产品应用product application

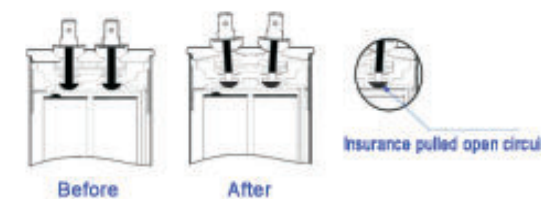
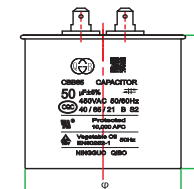
- ◆ 空调、压缩机、冷干机等单相系统供电的异步电动机以及三相异步电机使用单相供电
- ◆ Air conditioning、compressor、Cold dryer or other Single-phase power supply system asynchronous motor and Three-phase asynchronous motor uses single phase power supply.



容量 Capacitance μF	110-300VAC		250-400VAC		370-450VAC	
	D	H	D	H	D	H
2	30	55	30	55	30	55
5	30	55	35	55	35	55
10	35	55	40	55	40	55
15	35	65	40	65	45	65
20	40	65	45	65	45	75
25	40	75	45	75	45	75
30	40	75	45	75	45	85
35	40	85	45	85	50	85
40	40	85	50	85	50	90
45	45	85	50	85	50	100
50	45	85	50	100	50	110
60	45	100	50	110	50	125
70	50	100	50	125	55	125
80	50	100	55	110	60	110
90	50	110	60	110	60	125
100	50	125	55	125	60	125
110	50	125	60	125	65	125
120	55	110	60	125	65	135

技术参数 Technical parameter	参考值 Reference value
电压范围 Voltage range	110Vac ~ 450Vac, 50/60Hz
容量范围 Capacitance range	2 μF ~ 100 μF
容量误差 Capacitance tolerance	±5% (J), ±10% (K)
温度范围 Temperature range	-40°C ~ 85°C
耐电压 Withstand voltage	T-T 2Un/60s T-C 2Un + 1000Vac/60s (≥ 2200V)
损耗角正切值 Dissipation factor	≤ 0.004, 1000Hz
海拔 Altitude	≤ 2000m
引用标准 Reference standard	GB/T3667.1, IEC/EN60252.1 UI810 .VDE0560-8

快捷端子
Terminal



CBB65-R2

产品特点/product features

- ◆ 金属外壳，塑料绝缘，绝缘油浸渍，内部有压力防护装置，安全可靠；体积小、重量轻、绝缘电阻高、耐电压高、损耗小、自愈性优良、性能稳定等优点
- ◆ Metal case, plastic insulation, insulation oil impregnation, with inner pressure protection device, safe and reliable; small volume, light weight, high insulation resistance, High withstand voltage, low dissipation factor, good self-healing, stable performance and etc.

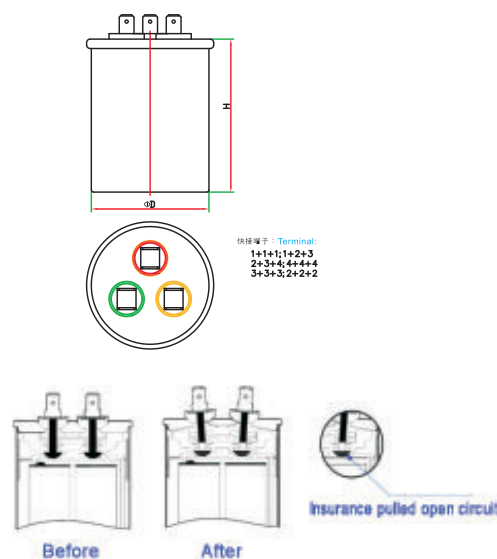
产品应用product application

- ◆ 空调、压缩机、冷干机等单相系统供电的异步电动机以及三相异步电机使用单相供电
- ◆ Air conditioning, compressor, cold dryer or other single-phase power supply system asynchronous motor and Three-phase asynchronous motor use single phase power supply.



技术参数 Technical parameter	参考值 Reference value
电压范围 Voltage range	370Vac ~ 450Vac, 50/60Hz
容量范围 Capacitance range	1+15 μF ~ 15+80 μF
容量误差 Capacitance tolerance	±5% (J), ±10% (K)
温度范围 Operating temperature	-40°C ~ 85°C
耐电压 Withstand voltage	T-T 2Un/60s T-C 2Un +1000Vac/60s (≥ 2200V)
损耗角正切值 Dissipation factor	≤ 0.004, 1000Hz
海拔 Altitude	≤ 2000m
引用标准 Reference standard	GB/T3667.1, IEC/EN60252.1 UL810, VDE0560-8

容量 Capacitance	370-450VAC	
	D	H
1+15 μF ~ 10+15 μF	50	75~85
1+20 μF ~ 10+20 μF	50	
1+25 μF ~ 10+25 μF	50	
1+30 μF ~ 10+30 μF	50	
1+35 μF ~ 10+35 μF	50	85~105
1+40 μF ~ 10+40 μF	50	
1+45 μF ~ 10+45 μF	50	
1+50 μF ~ 10+50 μF	50	
1+55 μF ~ 10+55 μF	55	105~125
1+60 μF ~ 10+60 μF	55	
1+70 μF ~ 10+70 μF	60	
1+80 μF ~ 10+80 μF	65	100~125



CBB65-R3

产品特点/product features

- ◆ 金属外壳，塑料绝缘，绝缘油浸渍，内部有压力防护装置，安全可靠；体积小、重量轻、绝缘电阻高、耐电压高、损耗小、自愈性优良、性能稳定等有点
- ◆ 容量大小可以适当组合
- ◆ 产品容量可以多种组合，任意串并，组成多种不同规格
- ◆ Metal case, plastic insulation, insulation oil impregnation, with inner pressure protection device, Alf and reliable; small volume, light weight, high insulation resistance, high withstand voltage, low dissipation factor, good self-healing, stable performance and etc, capacitance size can be properly combined.
- ◆ Product capacity can be combined with varied, Arbitrary Series connection, make up a variety of different specifications.

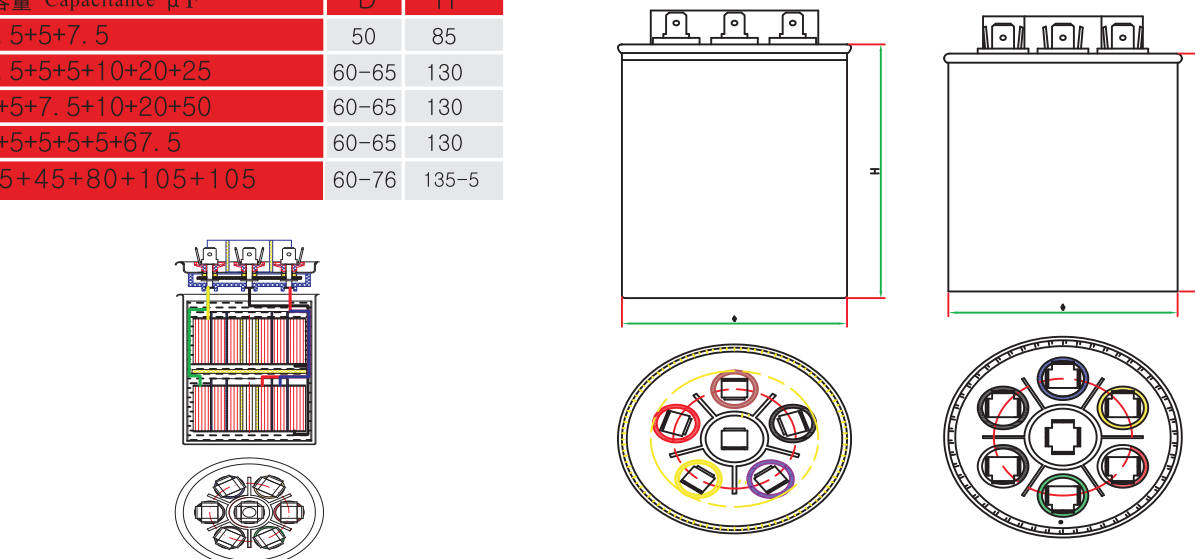
产品应用product application

- ◆ 产品适用配电补偿系统，以及空调、压缩机、冷干机等单相系统供电的异步电动机以及三相异步电机使用单相供电
- ◆ Products applicable to Distribution compensation system, and air conditioning, compressor, cold dryer or other Single-phase power supply system asynchronous motor and Three-phase asynchronous motor use single phase power supply.



技术参数 Technical parameter	参考值 Reference value
电压范围 Voltage range	110Vac ~ 450Vac, 50/60Hz
容量范围 Capacitance range	2.5 μF ~ 400 μF
容量误差 Capacitance tolerance	±5% (J), ±10% (K)
温度范围 Operating temperature	-40°C ~ 85°C
耐电压 Withstand voltage	T-T 2Un/60s T-C 2Un +1000Vac/60s (≥ 2200V)
损耗角正切值 Dissipation factor	≤ 0.004, 100Hz
海拔 Altitude	≤ 2000m
引用标准 Reference standard	GB/T3667.1, IEC/EN60252.1 UL810

容量 Capacitance μF	D	H
2.5+5+7.5	50	85
2.5+5+5+10+20+25	60-65	130
5+5+7.5+10+20+50	60-65	130
5+5+5+5+5+67.5	60-65	130
45+45+80+105+105	60-76	135-5



CBB65-O1

CBB65-O2

产品特点/product features

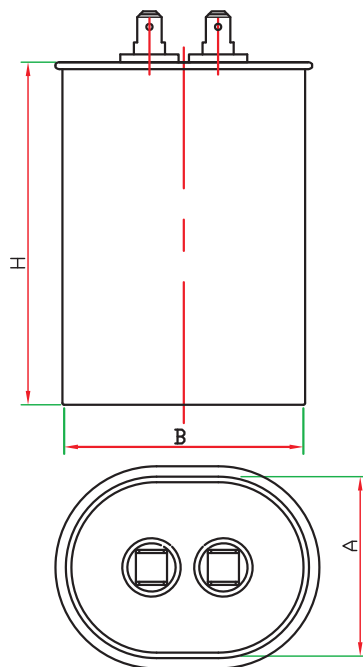
- ◆ 金属外壳，塑料绝缘，绝缘油浸渍，内部有压力防护装置，安全可靠；体积小、重量轻、绝缘电阻高、耐电压高、损耗小、自愈性优良、性能稳定等优点
- ◆ Metal case, plastic insulation, insulation oil impregnation, with inner pressure protection device, safe and reliable; small volume, light weight, high insulation resistance, High withstand voltage, low dissipation factor, good self-healing, stable performance and etc

产品应用product application

- ◆ 空调、压缩机、冷干机等单相系统供电的异步电动机以及三相异步电机使用单相供电
- ◆ Air conditioning, compressor, Cold dryer or other Single-phase power supply system asynchronous motor and Three-phase asynchronous motor use single phase power supply.



技术参数	Technical parameter	参考值	Reference value
电压范围	Voltage range	110Vac~450Vac,	50/60Hz
容量范围	Capacitance range	2 μF~100 μF	
容量误差	Capacitance tolerance	±5% (J), ±10% (K)	
温度范围	Operating temperature range	-40°C~85°C	
耐电压	Withstand voltage	T-T 2Un/60s	
损耗角正切值	Dissipation factor	T-C 2Un+1000Vac/60s (≥2200V)	
海拔	Altitude	≤0.004, 1000Hz	
引用标准	Reference standard	≤2000m	
		GB/T3667.1, IEC/EN60252.1	
		UL810,VDE0560-8	



快接端子:
Terminal:
1+1; 1+2
2+2; 2+3
2+4; 3+4

容量 Capacitance μF	110-300VAC			250-400VAC			370-450VAC		
	A	B	H	A	B	H	A	B	H
2	31.5	51.5	55	31.5	51.5	55	31.5	51.5	55
5	31.5	51.5	55	31.5	51.5	55	31.5	51.5	55
10	31.5	51.5	55	31.5	51.5	55	31.5	51.5	65
15	31.5	51.5	55	45	71	55	45	71	55
20	31.5	51.5	65	45	71	55	45	71	65
25	31.5	51.5	65	45	71	65	45	71	65
30	45	71	55	45	71	65	45	71	65
35	45	71	65	45	71	75	45	71	75
40	45	71	65	45	71	75	45	71	85
45	45	71	65	45	71	80	45	71	90
50	45	71	75	45	71	85	45	71	100
60	45	71	85	45	71	100	45	71	110
70	45	71	85	45	71	110	45	71	125
80	45	71	100	45	71	125	48	90	100
90	45	71	100	48	90	100	48	90	110
100	45	71	100	48	90	100	48	90	110
110	45	71	100	48	90	110	48	90	125
120	45	71	125	48	90	110	48	90	125

产品特点/product features

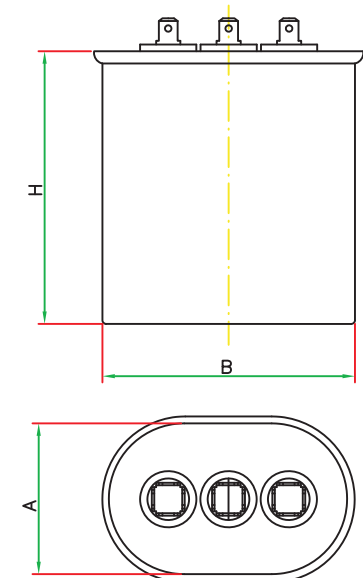
- ◆ 金属外壳，塑料绝缘，绝缘油浸渍，内部有压力防护装置，安全可靠；体积小、重量轻、绝缘电阻高、耐电压高、损耗小、自愈性优良、性能稳定等优点
- ◆ Metal case, plastic insulation, insulation oil impregnation, with inner pressure protection device, safe and reliable; small volume, light weight, high insulation resistance, High withstand voltage, low dissipation factor, good self-healing, stable performance and etc.

产品应用product application

- ◆ 空调、压缩机、冷干机等单相系统供电的异步电动机以及三相异步电机使用单相供电
- ◆ Air conditioning, compressor, Cold dryer or other Single-phase power supply system asynchronous motor and Three-phase asynchronous motor use single phase power supply.



技术参数	Technical parameter	参考值	Reference value
电压范围	Voltage range	370Vac~450Vac,	50/60Hz
容量范围	Capacitance range	1+15μF~15+80μF	
容量误差	Capacitance tolerance	±5% (J), ±10% (K)	
温度范围	Operating temperature range	-40°C~85°C	
耐电压	Withstand voltage	T-T 2Un/60s	
损耗角正切值	Dissipation factor	T-C 2Un+1000Vac/60s (≥2200V)	
海拔	Altitude	≤0.004, 1000Hz	
引用标准	Reference standard	≤2000m	
		GB/T3667.1, IEC/EN60252.1	
		UL810,VDE0560-8	



快接端子:
Terminal:
2+2+2; 2+3+4
3+3+3; 4+4+4

容量 Capacitance	370-450VAC									
	D1	D2	H							
1+15μF~10+15μF	45	71	60~85							
1+20μF~10+20μF			75~100							
1+25μF~10+25μF				85~110						
1+30μF~10+30μF					85~125					
1+35μF~10+35μF						85~110				
1+40μF~10+40μF							85~110			
1+45μF~10+45μF								85~110		
1+50μF~10+50μF									85~110	
1+55μF~10+55μF										85~110
1+60μF~10+60μF										
1+70μF~10+70μF	85~110									
1+80μF~10+80μF		100~125								

产品特点/product features

- ◆ 塑料绝缘外壳，环氧树脂灌封，金属外壳，植物油浸渍；产品具有体积小、重量轻、绝缘电阻高、耐电压高、损耗小自愈性优良；产品性能稳定；
- ◆ Plastic and insulation shell, epoxy resin sealed, metal case, Vegetable oil impregnation; Product with small volume, light weight, high insulation resistance, High withstand voltage, low dissipation factor, good self-healing; stable performance.

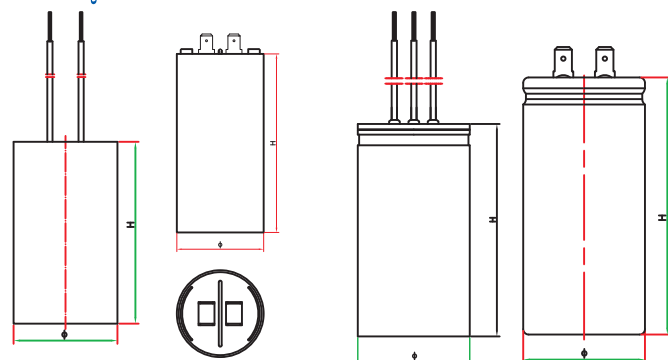
产品应用product application

- ◆ 适用于水泵、洗衣机、抽油烟机单相系统供电的异步电动机以及三相异步电机使用单相供电
- ◆ Applicable to water pump, washing machine, Smoke lampblack machine or other Single-phase power supply system asynchronous motor and Three-phase asynchronous motor use single phase power supply.



容量 Capacitance μF	110-300VAC		250-400VAC		370-450VAC	
	D	H	D	H	D	H
2	30	60	30	60	30	60
5	30	60	30	60	30	60
10	30	60	30	60	34	60
15	30	60	34	60	34	70
20	34	60	36	70	40	70
25	36	70	40	70	45	70
30	40	70	45	70	45	80
35	40	70	45	70	45	90
40	45	70	45	80	45	100
45	45	70	50	90	50	100
50	45	70	50	90	50	100
60	45	90	50	90	50	110
70	50	90	50	100	50	125
80	50	90	50	100	50	125
90	50	100	55	100	55	125
100	50	125	55	125	60	125

结构图
Structure diagram



技术参数 Technical parameter	参考值 Reference value
电压范围 Voltage range	110Vac~450Vac, 50/60Hz
容量范围 Capacitance range	2 μF~100 μF
容量误差 Capacitance tolerance	±5% (J), ±10% (K)
温度范围 Operating temperature range	-40°C~85°C
耐电压 Withstand voltage	T-T 2Un/60s T-C 2Un+1000Vac/60s(≥2200V)
损耗角正切值 Dissipation factor	≤0.004, 1000Hz
海拔 Altitude	≤2000m
引用标准 Reference standard	GB/T3667.1, IEC/EN60252.1 UL810 VDE0560-8

产品特点/product features

- ◆ 使用塑料外壳绝缘，环氧树脂灌封；产品具有体积小、重量轻、绝缘电阻高、耐电压高、损耗小、自愈性优良性能稳定；
- ◆ Use of plastic shell insulation, epoxy resin sealed; Product with light weight, high insulation resistance, High withstand voltage, low dissipation factor, good self-healing, stable performance.

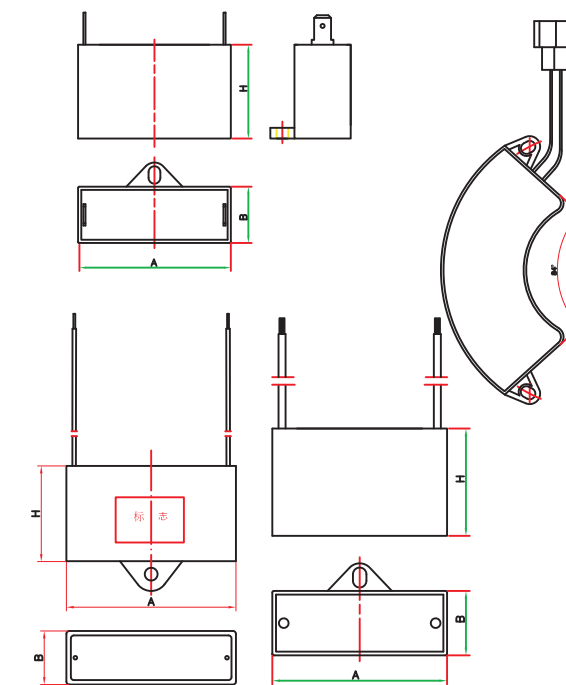
产品应用/product application

- ◆ 适用于风扇、空调、鼓风机单相系统供电的异步电动机以及三相异步电机使用单相供电。
- ◆ Applicable to fan, air conditioning, Blower or other Single-phase power supply system asynchronous motor and Three-phase asynchronous motor use single phase power supply.



技术参数 Technical parameter	参考值 Reference value
电压范围 Voltage range	110Vac~450Vac, 50/60Hz
容量范围 Capacitance range	2 μF~100 μF
容量误差 Capacitance tolerance	±5% (J), ±10% (K)
温度范围 Operating temperature range	-40°C~85°C
耐电压 Withstand voltage	T-T 2Un/60s T-C 2Un+1000Vac/60s(≥2200V)
损耗角正切值 Dissipation factor	≤0.004, 1000Hz
海拔 Altitude	≤2000m
引用标准 Reference standard	GB/T3667.1, IEC/EN60252.1 UL810

容量 μF Capacitance	250-370VAC			350-450VAC		
	L	B	H	L	B	H
0.5	37	12	26	37	12	26
1	37	12	26	37	12	26
1.5	37	12	26	37	12	26
2	37	12	26	38	14	28
2.5	37	14	24	38	18	34
3	38	18	28	47	18	28
3.5	38	18	28	47	18	28
4	47	18	28	47	18	34
4.5	47	18	28	47	22	34
5	47	18	34	47	22	34
8	47	22	34	47	26	38
10	57	18	32	57	21	35
15	58	23	38	58	28	40
20	58	28	40	58	28	50
25	58	28	40	60	31	52
35	60	31	52	73	40	53

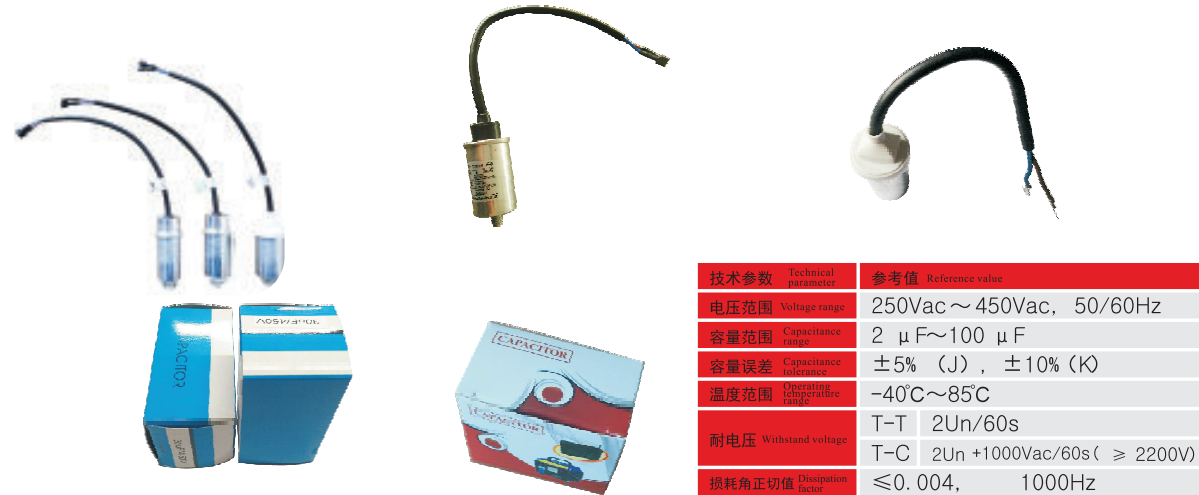


产品特点/product features

- ◆ 使用金属外壳，塑料绝缘，植物油浸渍，内部有压力防护装置，产品安全可靠；产品具有体积小、重量轻、绝缘电阻高、耐电压高、损耗小、自愈性优良，性能稳定；
- ◆ With metal case, plastic insulation, Vegetable oil impregnation, with inner pressure protection device, product safe and reliable; product with small volume, light weight, high insulation resistance, High withstand voltage, low dissipation factor, good self-healing, stable performance;

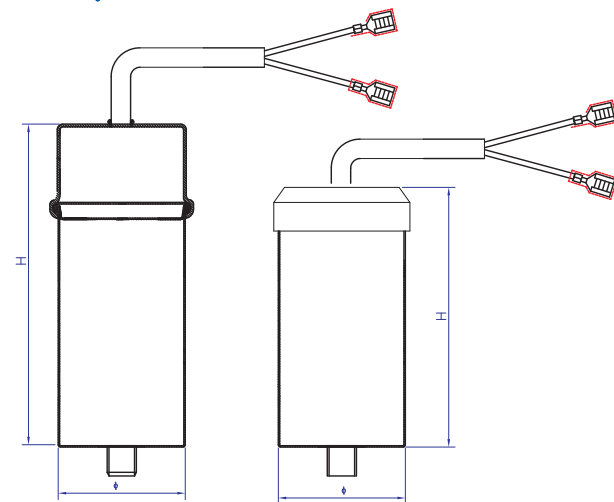
产品应用product application

- ◆ 适用于冰箱、压缩机等单相系统供电的异步电动机以及三相异步电机使用单相供电。
- ◆ Applicable to refrigerator, compressor or other Single-phase power supply system asynchronous motor and Three-phase asynchronous motor use single phase power supply.



技术参数 Technical parameter	参考值 Reference value
电压范围 Voltage range	250Vac ~ 450Vac, 50/60Hz
容量范围 Capacitance range	2 μF ~ 100 μF
容量误差 Capacitance tolerance	±5% (J), ±10% (K)
温度范围 Operating temperature range	-40°C ~ 85°C
耐电压 Withstand voltage	T-T 2Un/60s T-C 2Un + 1000Vac/60s (≥ 2200V)
损耗角正切值 Dissipation factor	≤ 0.004, 1000Hz
海拔 Altitude	≤ 2000m
引用标准 Reference standard	GB/T3667.1, IEC/EN60252.1 UI810, VDE0560-8

结构图
Structure diagram



容量 μF Capacitance μF	电压 AC Voltage AC	D	H
2	450	30	55
2	450	30	60
2.5	450	30	55
2.5	450	30	60
3	450	30	55
3	450	30	75
3.5	450	30	75
4	450	30	75
4.5	450	35	75
5	450	35	75
6	450	35	75
8	450	35	75
6	250	30	75
8	250	30	75
10	250	35	75
12	250	35	75
15	250	35	85

产品特点/product features

- ◆ 塑料绝缘，环氧树脂灌封；内部用安全膜结构；产品具有体积小、重量轻、绝缘电阻高、耐电压高、损耗小；自愈性优良，性能稳定；
- ◆ Plastic insulation, epoxy resin sealed; With inner safety membrane structure. Product with small volume, light weight, high insulation resistance, High withstand voltage, low dissipation;

产品应用product application

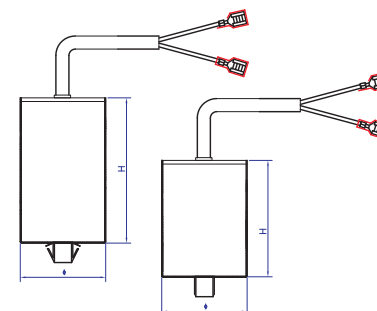
- ◆ 冰箱、压缩机等单相系统供电的异步电动机以及三相异步电机使用单相供电。
- ◆ Applicable to refrigerator, compressor or other Single-phase power supply system asynchronous motor and Three-phase asynchronous motor use single phase power supply.



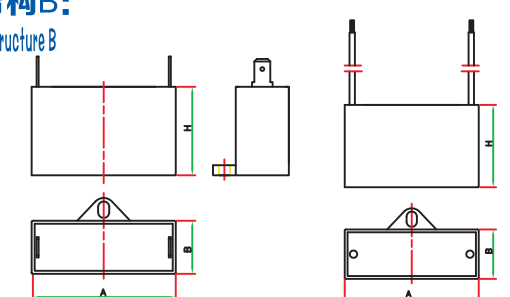
容量 μF Capacitance μF	电压 AC Voltage AC	D	H
2	450	30	55
2	450	30	60
2.5	450	30	55
2.5	450	30	60
3	450	30	55
3	450	30	75
3.5	450	30	75
4	450	30	75
4.5	450	35	75
5	450	35	75
6	450	35	75
8	450	35	75
6	250	30	75
8	250	30	75
10	250	35	75
12	250	35	75
15	250	35	85

容量 μF Capacitance μF	250-370VAC			350-450VAC		
	L	B	H	L	B	H
0.5	37	12	26	37	12	26
1	37	12	26	37	12	26
1.5	37	12	26	37	12	26
2	37	12	26	38	14	28
2.5	37	14	24	38	18	34
3	38	18	28	47	18	28
3.5	38	18	28	47	18	28
4	47	18	28	47	18	34
4.5	47	18	28	47	22	34
5	47	18	34	47	22	34
8	47	22	34	47	26	38
10	57	18	32	57	21	35
15	58	23	38	58	28	40
20	58	28	40	58	28	50
25	58	28	40	60	31	52
35	60	31	52	73	40	53

结构A:
Structure A



结构B:
Structure B



产品特点/product features

- ◆ CD60启动电容器主要是空调、冷柜、压缩机、水泵等单相系统供电的异步电动机以及三相异步电机使用单相供电中，提供电机大转矩启动。
- ◆ Cd60 starter capacitor mainly is used to High torque motor start, such as air conditioning, Freezer, compressor, water pump or other Single-phase power supply system asynchronous motor and Three-phase asynchronous motor use single phase power supply.



主要技术指标:

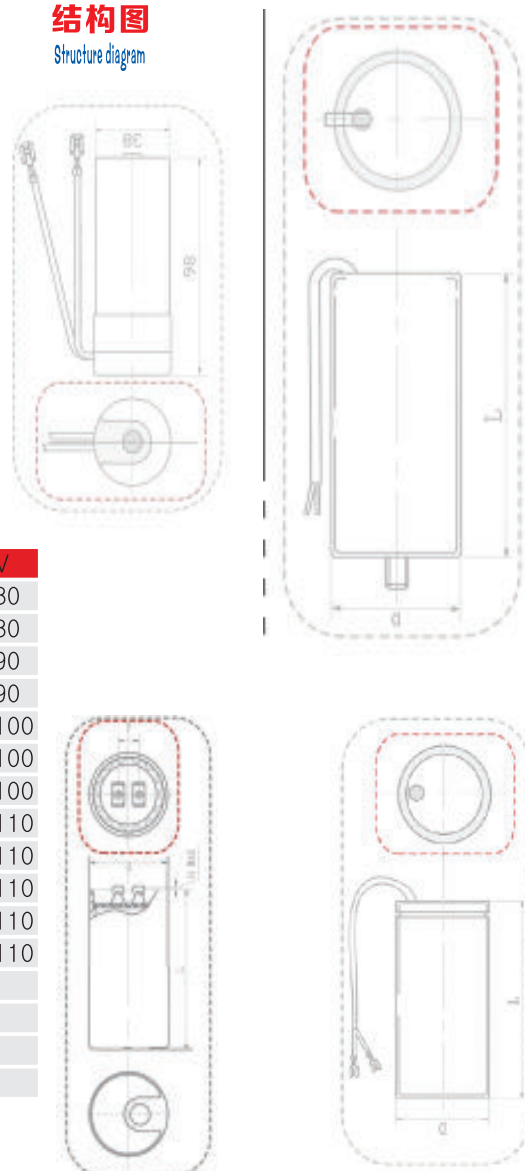
Main technical index

技术参数	Technical parameter	参考值	Reference value
电压范围	Voltage range	110Vac ~ 330Vac	50/60Hz
容量范围	Capacitance range	20μ F ~ 1500μ F	
容量误差	Capacitance tolerance	±10% (K), ±20% (M)	
温度范围	Operating temperature range	-20°C ~ 65°C	
耐电压	Withstand voltage	T-T 1.2Un/2s T-C 2Un+1000Vac/10s (≥2000V)	
损耗角正切值	Dissipation factor	≤0.15, 100Hz, 20°C	
海拔	Altitude	≤2000m	
引用标准	Reference standard	GB/T3667.2, IEC/EN60252.2	UL810

容量 μF	110V	125V	160V	220V	250V	300V	330V
50	34*60	34*60	34*70	34*80	34*80	34*80	42*80
75	34*60	34*70	34*70	34*80	34*80	42*80	42*80
100	34*70	37*70	38*80	34*80	42*80	42*80	45*90
150	34*70	34*80	38*80	42*80	42*80	45*90	45*90
200	34*80	34*80	42*80	42*80	45*90	45*90	45*100
250	34*80	34*80	42*80	45*90	45*90	45*100	45*100
300	42*80	42*80	45*90	45*90	50*100	50*100	50*100
350	42*80	42*80	45*90	45*100	50*100	50*110	50*110
400	45*90	45*90	45*100	45*100	50*100	50*110	50*110
500	45*90	45*90	45*100	50*100	50*100	50*110	50*110
600	45*90	45*100	50*100	50*100	50*110	50*110	50*110
7000	50*90	50*100	50*110	50*110	50*110	50*110	63*110
800	50*100	50*110	50*110	50*110	50*110	63*110	
1000	50*100	50*110	50*110	50*110	63*110		
1200	50*110	50*110	63*110	63*110			
1500	63*110	63*110	63*110				

结构图

Structure diagram



产品特点/product features

- ◆ CD60型酚醛树脂外壳启动电容器上串接上PTC原件。电子继电器开关及电子逆心开关，取代传统的机械逆心开关。
- ◆ CD60 phenolic aldehyde resin shell start capacitor connect to PTC original. Electronic relay switch and electronic centrifugal switch, replace the traditional mechanical centrifugal switch.

产品应用product application

- ◆ 冷柜、冰箱、空调。
- ◆ Freezer, Refrigerator, Air conditioning



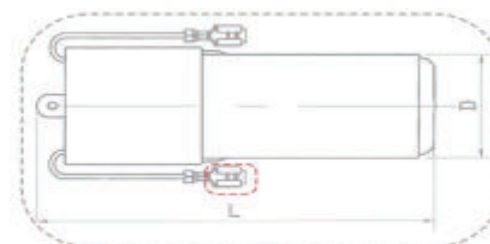
接线图:

Wiring diagram



结构图

Structure diagram



主要技术指标:

Main technical index

型号	Model	电容量 μF	Capacitance	电压 V	Voltage	D	L
SPP4A		88--106		90-130		36.5	122
SPP5B		43--52		90-227		36.5	122
SPP6B		88--106		90-227		46	118
SPP7B		130-156		90-227		46	142
SPP7C		130-156		90-227		46	142
SPP8B		145-174		90-227		46	142
SPP8C		145-174		90-227		46	142
SPP5		36-77		115-288		46	130
SPP6		76-130		115-288		46	155
SPP7		130-227		115-288		46	155

产品特点/product features

- ◆ 内部有放电电阻和过热、过电流保护装置，产品安全可靠；产品具有体积小、重量轻、绝缘电阻高、耐电压高、损耗小、自愈性优良，性能稳定；
- ◆ With inner discharge resistance and overheat, overcurrent protection device, product safe and reliable. Product with small volume, light weight, high insulation resistance, high withstand voltage, low dissipation factor, good self-healing, stable performance.

产品应用product application

- ◆ 适用于高压钠灯、汞灯的启动和补偿，提高功率因数。
- ◆ Applicable to start and compensation of high pressure sodium lamp, mercury board, improve the power factor.

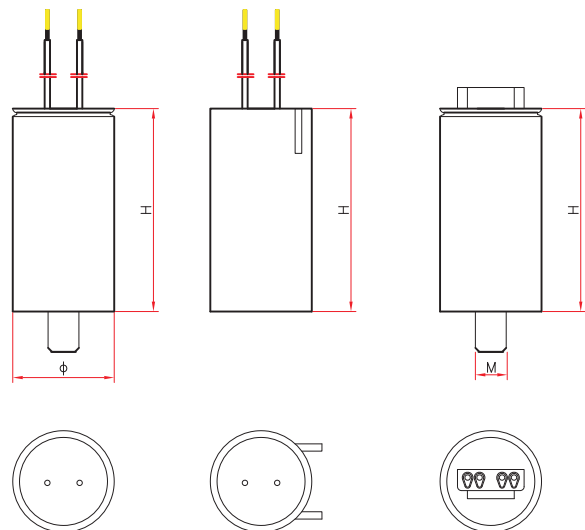
主要技术指标:

Main technical index

技术参数 Technical parameter	参考值 Reference value
电压范围 Voltage range	250Vac ~ 660Vac , 50/60Hz
容量范围 Capacitance range	2 μF~100μF
容量误差 Capacitance tolerance	±3%, ±5%
温度范围 Operating temperature	-40°C~110°C
耐电压 Withstand voltage	T-T 2Un/60s
	T-C 2Un+1000Vac/60s
损耗角正切值 Dissipation factor	≤0.004 ,100Hz
绝缘电阻 Insulation resistance	≥10000S
海拔 Altitude	≤2000m
引用标准 Reference standard	GB/T18489, GB/18504, UL810 IEC/EN61048 , IEC/EN61049

容量 μF Capacitance μF	250-370AC		350-450AC	
	塑壳 Plastic case	铝壳 Aluminum case	塑壳 Plastic case	铝壳 Aluminum case
6	34*65	30*60	34*65	30*70
8	34*65	30*70	34*75	34*65
10	34*65	34*70	34*75	34*75
12	34*65	34*70	34*75	40*70
16	42*65	40*70	42*75	42*80
18	42*65	40*70	42*75	42*80
20	42*75	42*80	45*75	50*75
25	42*75	42*82	50*75	50*75
30	45*75	45*90	50*75	50*75
32	50*75	45*90	50*75	50*75
35	50*75	50*100	50*100	50*100
50	50*90	50*100	55*100	50*100
60	50*100	50*100	55*120	55*125
70	50*120	55*100	55*130	55*135
80	55*125	55*125	60*130	60*125
90	55*125	55*125	60*130	65*125
100	55*125	55*135	60*130	65*135

结构图 Structure diagram

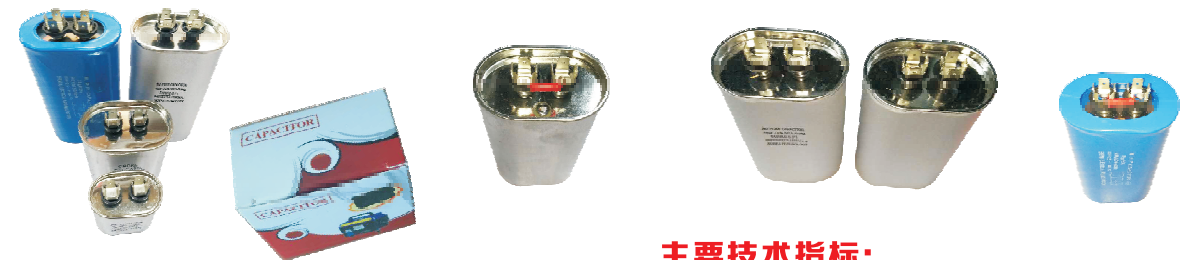


产品特点/product features

- ◆ 产品具有体积小、重量轻、绝缘电阻高、耐电压高、损耗小、自愈性优良、性能稳定等优点；内部有压力保护装置，外部有放电电阻，产品安全可靠；
- ◆ Product with small volume, light weight, high insulation resistance, high withstand voltage, low dissipation factor, good self-healing. Stable performance etc; With inner pressure protection device, with outer discharge resistance, Product safe and reliable.

产品应用product application

- ◆ 适用于高压汞灯、金属卤化物灯具的启动和运行
- ◆ Applicable to Start and run for high pressure mercury lamp, metal halide lamp of lamp.



主要技术指标:

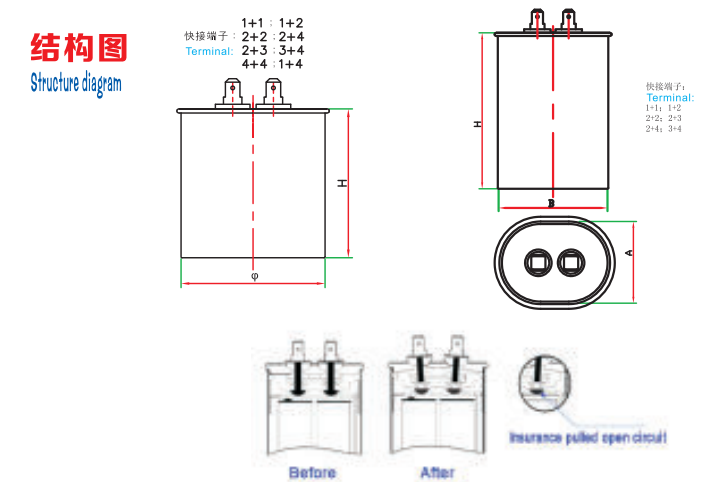
Main technical index

技术参数 Technical parameter	参考值 Reference value
电压范围 Voltage range	250Vac~660Vac 50/60Hz
容量范围 Capacitance range	2 μF~100μF
容量误差 Capacitance tolerance	±3%, ±5%
温度范围 Operating temperature	-40°C~110°C
耐电压 Withstand voltage	T-T 2Un/60s
	T-C 2Un+1000Vac/60s
损耗角正切值 Dissipation factor	≤0.004, 100Hz
绝缘电阻 Insulation resistance	≥10000S
海拔 Altitude	≤2000m
引用标准 Reference standard	GB/T18489, GB/18504, UL810 IEC/EN61048, IEC/EN61049

容量 μF Capacitance	电压 AC Voltage AC	L	B	H
10	280	31.5	51.5	65
22.5		38.1	66.6	100
48		45	71	100
10	330	31.5	51.5	100
13.5		38.1	66.6	75
17.5		38.1	66.6	100
9.75	480	38.1	66.6	75
20		45	71	100
24		45	71	100
26	540	45	71	125
30		45	71	135
32		48	90	100

容量 μF Capacitance	电压 AC Voltage	D	H
28	240	45	75
55	240	50	100
10	280	40	65
35	300	45	100
69	400	55	100
10	400	45	75
15	400	45	85
24	400	50	100
24	525	55	100
26	540	55	100
30	540	55	110

结构图 Structure diagram



产品特点/product features

- ◆ 产品具有体积小、重量轻、绝缘电阻高、耐电压高、损耗小、自愈性优良、性能稳点等优点；
- ◆ The product has its advantage of small volume, light-weight, high insulation resistance, high voltage resistance, low loss, good self-healing performance, stable point.

产品应用product application

- ◆ 适用于汽油发电机和柴油发电机的激磁发电；
空调风扇、电风扇、油烟机单相系统供电的异步电动机以及三相异步电机使用单相供电；
- ◆ Suitable for gasoline generator and diesel generator excitation power
The utility model is suitable for the single-phase electric power supply system of a fan, an electric fan, an oil fume exhauster and a three-phase asynchronous motor

样式A/Model A

容量 μF Capacitance	250-370VAC			350-450VAC		
	L	B	H	L	B	H
5	37	18	28	47	18	34
10	57	18	32	57	21	35
12	57	21	35	58	23	38
15	58	23	38	58	28	40
20	58	28	40	58	28	50
24	58	28	40	60	31	52
30	60	31	52	73	40	53



技术参数 Technical parameter	参考值 Reference value
电压范围 Voltage range	250Vac ~ 450Vac, 50/60Hz
容量范围 Capacitance range	5 μF ~ 50 μF
容量误差 Capacitance tolerance	$\pm 5\%$ (J)
温度范围 Operating temperature	-40°C ~ 85°C
耐电压 Withstand voltage	T-T 2Un/60s
	T-C 2Un+1000Vac/60s
损耗角正切值 Dissipation factor	≤ 0.004 , 100Hz
绝缘电阻 Insulation resistance	$\geq 10000\text{S}$
海拔 Altitude	$\leq 2000\text{m}$
引用标准 Reference standard	GB/T3667.1, IEC/EN60252-1 UL810 VDE0560-8

样式B/Model B

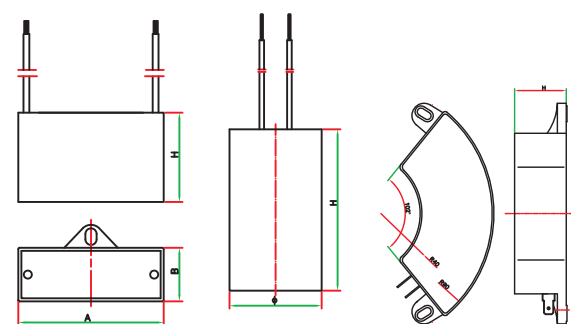
容量 μF Capacitance	250-370VAC		350-450VAC	
	D	H	D	H
5	34	50	34	50
10	34	55	34	60
12	34	60	40	65
15	40	60	42	65
20	40	65	42	65
24	42	65	42	75
30	42	75	45	75
35	50	75	50	80
40	50	75	50	90
50	50	80	50	90

样式C/Model C

容量 μF Capacitance	250-370VAC		350-450VAC	
	H	H	H	H
12	32	32	32	32
24	32	35	35	35
35	35	42	42	42
42	35	42	42	42

结构图

Structure diagram



样式A/Model A 样式B/Model B 样式C/Model C

产品特点/product features

- ◆ 塑料外壳装，阻燃环氧树脂灌封；
自愈性能良好，抗振动及防水性能可靠；
双套线绝缘电缆轴向引出，引出端为专用塞钉；
自感 (ESL) 小，等效串联电阻 (ESR) 小；
高脉冲电流，高dv/dt承受能力
耐高频大电流承受能力
- ◆ Plastic packing, flame retardant epoxy resin embedment
Good self-healing, reliable vibration resistance and waterproof performance
Good self-healing, reliable vibration resistance and waterproof performance
Self inductance (ESL), equivalent series resistance (ESR) small;
High pulse charge flow, high dv/dt withstand capability
High frequency large current capacity

产品应用product application

- ◆ 无绝缘轨道电路中起滤波、储能、辅助变流器、补偿等作用。
- ◆ The jointless track circuit in filter, energy storage, auxiliary converter, compensation effect

结构图

Structure diagram



标称容量 μF Nominal capacitance	D	L
22		
33	$\Phi 50$	105
40	$\Phi 55$	140
46		
50	$\Phi 60$	140
55		
60		
70	$\Phi 60$	155
80		
90		
100	$\Phi 65$	165



▲ 生产车间



▲ 卷绕车间



▲ 自动测试线 (Automatic test line)



▲ 油处理系统 (Oil processing system)



▲ 车间流水线 (Workshop production line)



▲ 实验室



▲ 分切 (Cutting)



▲ 真空镀膜 (Vacuum coating)

