

**PRODUCT
CATALOGUE**

专业生产制造直/交流风机、电机



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About Us

景荣— 公司简介

中山市景荣电子有限公司

Zhongshan Kingrong Electronics Co.,Ltd

KRECO成立于2008年，是一家专业的散热风机(扇)厂家，集研发、生产、销售及服务于一体的科技型企业。公司拥有一支13年散热风机行业经验的研究团队，为您提供专业的技术支持，同时设立完善的服务团队，手机7*24小时在线服务。

主要研发产品为：散热风扇、横流风机、鼓风机、离心风机及特种风机。公司附属研发相对应的风扇配套控制板及防护网。

按使用类型分为：直流(DC)散热风扇、交流(AC)散热风扇、直交散热风机、离心风机、EC散热风扇。

按功能特性分为：防水防尘风扇、防盐雾风扇、防腐风扇、调速风扇、温控风扇、静音风扇、小型风扇。

按行业应用等位：电力设备、通讯行业、安防监控、工业设备、汽车行业、医疗设备、智能家居、自动化行业。

公司承诺：以最优质的产品、最合理的价格、最好的技术、最优质的服务、最诚信合作态度立于市场。

公司厂址占地3600多平米，员工人数256人，月生产能力150-180万台风机。拥有国际先进水平的风洞及静音测试设备、ROHS测试设备、盐雾测试设备等。

有完善ISO9001:2015质量管理体系、及产品UL、TUV、CCC等认证。

Founded in 2008, KRECO is a professional manufacturer of heat dissipation fans (fans). Set research and development, production, sales and service as one of the science and technology-oriented enterprises. The company has a R&D team with 13 years of experience in the cooling fan industry to provide you with professional technical support, while setting up a perfect service team. Cell phone 7 * 24 hours online service.

The main R & D products are :cooling fans, cross-flow fans, blowers, centrifugal fans and special wind types. The company attached to the development of the corresponding fan supporting control boards and protective nets.

According to the type of use is divided into: direct current (DC) cooling fan, alternating current (AC) cooling fan, DC blower, centrifugal fan, EC cooling fan.

According to the functional characteristics are divided into: waterproof and dustproof fan, anti-salt spray fan, moisture-proof fan, speed control fan, temperature control fan, silent fan, small fan.

According to the industry applications, such as: electric power equipment, communication industry, security monitoring, military equipment, automotive industry, medical equipment, intelligent home appliances, automation industry.

Company commitment: to the best quality products, the most reasonable price, the best technology, the best service, the most honest and cooperative attitude in the market.

The company's factory covers an area of more than 3600 square meters, the number of employees 256 people, monthly production capacity of 1.5-1.8 million fans. We have international advanced level wind tunnel and mute test equipment, ROHS test equipment, salt spray test equipment and so on. We have complete ISO9001:2015 quality certification system, and product UL, TUV, CCC and other certifications.



Workshop

景荣— 生产车间

20年 散热风扇 行业经验

成熟的技术团队





Quality Equipment

鼎荣 品质控制



高低温老化箱



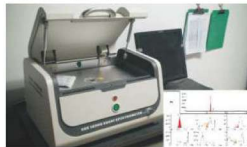
风洞测试仪
可以得到风压风压工作曲线



盐雾测试仪
测试防水风扇等级IP55和TP68的盐雾性能



噪音室
在环境噪音18db,可以直接得到噪音值



环保测试仪
测试材料ROHS报告的六项指标



Product Show

鼎荣 主要产品



Application Field

鼎荣 应用领域





Engineering Information

目录 - 专业术语名词列表及解释

P 保护方式 Protection Function

专业名词 Specialized Word	解释 Definition	参考文献 Reference
RP	Reverse Protection的缩写，正负极反接保护（自带极性保护二极管），防止正负极接反而烧毁电机	
AS	Auto Re-Start的缩写，转子锁定保护，自动重启功能	F1
SS	Soft Start的缩写，软启动，电流及转速缓慢上升	F2
CL	Current Limit的缩写，限流保护	

S 信号输出方式 Signal Output

专业名词 Specialized Word	解释 Definition	参考文献 Reference
FG	Frequency Generator的缩写，频率发生器，用来侦测风扇转速	F3
RDH(RD)	Rotation Detection的缩写，运转状态侦测，停转高电平报警	F4
RDL(RDb)	Rotation Detection的缩写，运转状态侦测，停转低电平报警	F4
LD	Low Detection的缩写，转速低于极限值输出高电平报警	F5

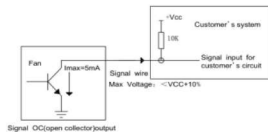
S 调速方式 Speed Control

专业名词 Specialized Word	解释 Definition	参考文献 Reference
PWM	Pulse wide modulation的缩写，固定频率，占空比调速	F6
TC	Temperature Control的缩写，温度控制转速	F7
VC	Voltage Control的缩写，电压信号控制转速	F8
RC	Resistor Control的缩写，电阻（通常情况用电压器）控制转速	F9
CS	Const Speed的缩写，达到额定电压后恒定转速	F10

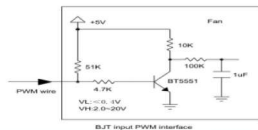
导线颜色定义 Colors of lead wires

电源正极，红色 Positive: Red	报警LD信号，褐色 LD signal: Brown
电源负极，黑色 Negative: Black	PWM信号，蓝色 PWM control: Blue
方波FG信号，黄色 FG signal: Yellow	电压调速VC信号，白色 VC control: White
报警RD信号，黄色 RD signal: Yellow	电阻调速RC信号，紫色 RC control: Purple
报警RDb信号，白色 RDb signal: White	正反转控制CW/CCW信号，黄绿斑马色 CW/CCW control: Yellowgreen Zebra Stripes

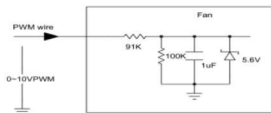
信号输出标准接口电路 Signal output standard interface circuit diagram



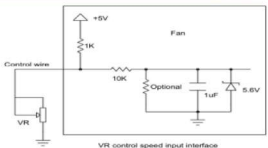
PWM输入标准接口电路 PWM input standard circuit diagram



VC(电压讯号调速)输入标准接口电路 VC input standard diagram



RC(可调电阻)输入标准接口电路 RC input standard diagram



以上接口电路所设定的电子元件相关参数仅供参考，具体详见规格书

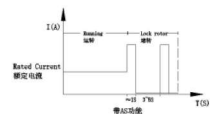
F1 自动重启功能

Auto Restart Function

当转子受外力作用被堵转，风窗内部自动断电（即电流降到零值），运行保护。
每扇3~5秒钟后自动重新判断是否继续受阻，直到外力解除后重新启动运转。



The internal power of the fan will automatically cut off after protection when the rotor is blocked by external force. After every 3 to 5 seconds, it will automatically re-judge whether it is still blocked, and restart the operation after the external force is removed.



F2 SS功能

SS function

名词解释：Soft Start 软启动，又称缓起或防冲击电流保护R功能（Inrush current protection）。
Definition: Soft Start (also called Inrush Current Protection).

软启动功能是指风机上电，转速从零缓慢上升到额定转速，大约需要3~10秒钟；电流因此也是从零开始缓慢上升到额定的电流范围。SS means fan electricity, rotate speed from zero to the rated speed will cost 3~10 seconds; also current is up to the rated range from zero slowly.

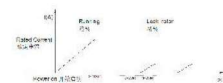
软启动对于大风机的作用在于：由于风机内部定子线圈与电子驱动构成，线圈乃感性负载。在刚通电启动时由于静止到全速运转，流过线圈的电流特别大（刚启动瞬间线圈感抗就等于线圈纯直阻），此时的冲击电流在额定电流的3~5倍以上。（如额定电流在1A左右，冲击电流会在3~5A以上）。对客户电源冲击能力要求过高，例如：选用额定电压为48VDC/1A的风机，电源功率需求 $48V \times 5A = 240W$ 以上。带软启动的风扇，电流不会冲击到此之高，最高电流就等于额定电流的+10%左右：例如，48VDC、1A的风扇，只需要50W以上即可（可依具体情况留一定的余量）。

50W的电源与240W的电源相比，成本及占用空间有明显降低，从这个角度上，使用带软启动的风扇在整体成本上具有优势，且节能。带软启动的风扇冲击电流小，对风扇内部器件损伤小，性能更安全。

SS role in the big fans is because the stator is consist of the coil and electronic drives, and the coils belong to perceptual load. At the beginning of fan electricity, there is a great of current through the coils when the blades from static to full speed. At the start moment the inductive reactance is as much as the pure dc resistance. At this time the impulse current is 3-5 times to the rated current (E.g current is 1A, the impulse current will be 3-5A) so it is a high requirement to the customers power impulse ability. For example, the fan with rated current 48V, 1A, the power consumption will up to $48V \times 5A = 240W$. The fans with SS only need 50W. According to the specific situation it will keep some margins. Compare 50W power with 240W power, there's an obvious difference between the costs and spaces. In this situation, it offers advantages to use the fans which with SS function, and efficient. Other way, the ways with SS function have small impulse current on the inside devices little harm and safer.

SS功能的上电及堵转示意图如下所示：

SS function's power up and plugging turn work schemes as the chart:



F3 频率发生器

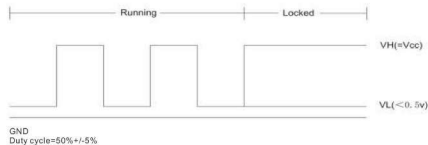
FG(Frequency Generator)

风扇运转时，转子的N,S极切换会产生高低电平变化，转速越快，电平变化也就越快。

从而可以通过变化的频率来检测风扇的转速。

每分钟的转速=方波频率*（60/磁极对数）

When fan is running, the switch of rotor N,S can make exchange of high and low level. And speed faster, the frequency of level exchange faster. So we can sense fan's rotation speed via the signal of variational frequency. Rpm/min=frequency of square wave*（60/poles）



F4 运转状态监测，堵转报警

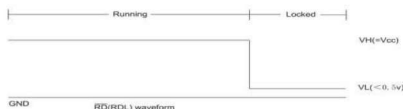
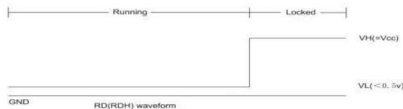
RD(Rotation Detection)

RD(RD)运转时使信号引脚输出低电平，转子堵住时输出高电平；RDb(RDL)与此相反。外部设备通过检测高低电平来判断风机的工作状态，设定提示报警功能。

RD(RD): When running, output low level; when locked, output high level;

RDb(RDL): Just contrast, when running, output high level; when locked, output low level;

External equipment will distinguish the fan is working or not through the inspection of high and low level signal.



F5 LD功能

Low Detect

名词解释:转速低于设定值报警。

Definition: output alerting signal when the rotate speed is below the setting.

LD的功能是:当风扇转速低于设定的极限转速时输出高电平报警信号。如某规格的风扇转速标准为5000RPM;可设定70%以下的转速时(即低于3500RPM)开始报警。(该极限转速值可由客户决定,一般默认为低于70%额定转速的转速开始报警)。

It means that the fan will output the high level alerting signal when the rotational speed lower than the limit speed which was setted before. For example, one kind of fan's normal speed is 5000RPM, we can set it to start alerting when its speed is lower than 70% of it (below 3500RPM). (The limit speed could be charged by customers, generally the default is that it starts alerting when the speed is lower than 70% of its rated speed).

该功能与RD报警信号的不同在于: RD功能只要风扇在运转, 不论转速多少, 只要不停转就不报警, 而LD功能是在转速低于设定值时就开始报警。

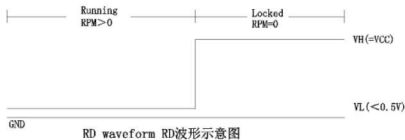
The difference between LD and RD is: For RD ones, as long as the fan is out of working, But LD starts warning when the speed is lower than the given speed.

风扇使用时间长了, 轴承组合之间, 或定子与转子间难免会有灰尘, 可能会导致风扇转速的降低, 当然元器件的不良也可能导致转速降低。如果是使用的RD功能则不会报警提示, 但是使用LD功能, 则会报警提示更换风机, 以免风机转速过低无法散热造成设备温升过高导致工作不正常。

Long time using the fans, it is hard to avoid dust between the bearing unit assembling, the stators and rotors. It will lead to the fan's speed reduced, certainly the problem of components also may lead to the results. In this situation, if use the RD it will not be warned, but in use of LD, it will warn to change the fan in order to avoid the equipments' temperature too high by the fan's lower speed that make the unusual working.

RD与LD功能的工作示意图如下所示:

The RD and LD's work schemes as the chart:

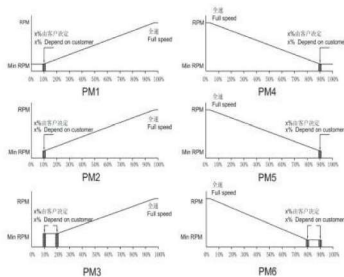


F6 PWM调速功能

Pulse Width Modulation

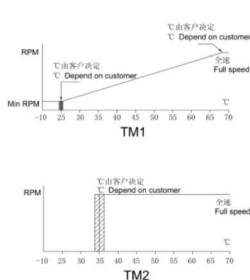
PWM控制调速: 脉冲宽度调速。频率可从100Hz~30KHz。高电平电压范围从3.3V~20V(具体以实际规格书为准)。低电平范围 $\leq 1.0V$ 。PWM调速通过固定频率的脉冲信号, 调整其宽度(占空比Duty cycle)来改变风扇转速。6种常见曲线模式如下图所示, 可依客户定制占空比VS转速的关系。

PWM control: Pulse width Modulation. Frequency can be from 100Hz~30KHz. High-level voltage is from 3.3V~20V, and low-level $\leq 0.5V$. This control via variational pulse of fixed frequency to adjust its width (Duty cycle) and then alters speed. Of course, we can work out the relation of duty cycle and Voltage according to the needs of customers.



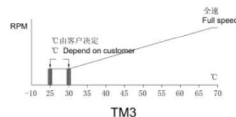
F7 TC调速功能

Temperature Control



TC控制调速: 温度控制功能。风扇的转速受温度控制, 不同的温度可对应不同的转速(温度传感器可外置)。常见的3种曲线如下图所示:

TC (Temperature Control): Speed is controlled by temperature. Different temperature corresponds different speed (Temperature sensor can be filled outside). There are three normal curves showed below.

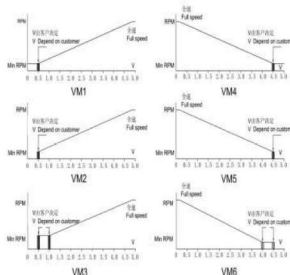


F8 模拟电压信号调速

Voltage Signal Control

转速依控制电压高低来控制风量之转速, 不同的控制电压可对应不同的转速, 电压信号一般可设定范围为0~20VDC, 推荐使用0~10VDC, 控制信号电压消耗电流 $\leq 1\text{mA}$, 常见的6种曲线如下图所示:

Speed is controlled by voltage signal. Different input volt and different speed. Usually the range of volt signal is at 0~20V, but we suggest 0~10V. And the voltage of signal control uses up current $\leq 1\text{mA}$. There are six common curves below:

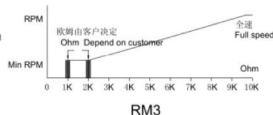
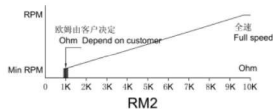
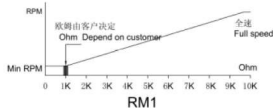


F9 电阻调速

Resistor Control

通过改变风机外置电阻的阻值(可调电阻)来改变风机转速, 不同的电阻值对应不同的转速。(建议用10K可调电阻)常用的3种调速方式如下图所示:

RC(Resistor Control)
When we adjust the resistivity of Resistance (usually use adjustable resistor), the speed will be changed. That means different resistivity and different speed. And we suggest to use 10K adjustable resistor. There are three common ways to regulate speed:



F10 CS功能

CS Function

名词解释: 恒定的转速或恒速功能。
Definition: Constant Speed.

恒速是指风机在额定电压至该风机的最高承受的电压范围内, 转速保持恒定不变。(如48VDC风机, 上限电压为72VDC, 只要供电电压在36~72VDC之间时, 风机保持额定转速不变。It is mean that the speed remain the same at range between rated voltage to the highest voltage it can undertake. For example, a 48V fan, its limit voltage is 72V, so when supply Voltage changes between 36V~72V, speed will remain at rated.

普通的风扇(不带恒速功能的), 转速随电压的升高而升高, 同时电流也随之升高, 噪音也随之升高。当电压有波动时, 转速不稳定, 电流及噪音忽高忽低。在一些宽电压范围的应用上, 普通风扇不适用, 如12038风扇 48VDC/1A/5000RPM的风扇, 在上限电压72VDC时, 转速约为8000RPM, 电流在2.2A以上, 噪音大于65DB, 转速上升, 功率增大, 电流升高, 风扇内部温升升高, 寿命相应下降, 电子器件也容易损坏。不符合低噪音及长寿命的重要性能指标。

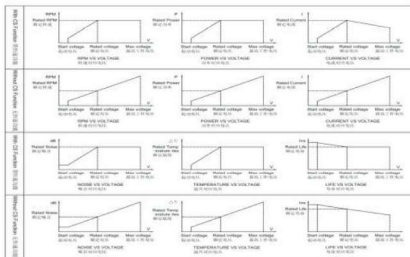
But for normal fans voltage higher and speed higher, at the same time, current higher, noise level higher. If voltage isn't steady, speed, current, and noise level are high and low. So normal fans are not suitable for wide voltage range using. 120*120*38mm fan, 48V/1A/5000RPM, when it is limit voltage 72VDC, speed will reach 7000rpm, and current is 2.2A at least, noise not lower than 65DB. Then the power is too high, and inner temperature too high also, the life expectancy will be shorter. For a long time, components are easy to break. It affects fan's reliability.

带恒速功能的风扇, 因在允许的电压范围内转速不变, 噪音和功率均保持不变, 有利于节能、低噪音、长寿命需求。If fan with CS function, in allowed voltage, the speed, noise, power are all remain the same. It meets inevitable demand of the times, energy conservation, low noise, long life.

一般通讯设备, 电压范围在36V~72V间切换, 提倡使用CS功能风扇。

For normal communication apparatus, its voltage switch between 36V~72V, so we suggest customer to use fan with CS function in it.

不带CS功能的风扇与带CS功能的风扇其转速, 功率, 电流, 噪音, 温升, 寿命对应其电压的关系曲线如下图所示: Pis see the below curve showed differences between normal fans and CS fans on speed, power, current, noise, inner temperature, life expectancy etc.:



LED指示功能：结合新能源行业定制研发的产品，因部分客户在一个设备上需要多个风扇，为降低风扇故障的识别难度，在风扇内部输出LED灯，风扇正常工作时绿灯亮起，出现故障即红灯亮起，便于维护人员精准高效处理，已普遍用在DC和EC产品上。

LED indication function: This is a function specially developed by our engineers in combination with the new energy industry. Because some customers require multiple fans for one device, it is difficult to identify if there are individual fans that are defective; therefore, our company introduces LED lights inside the fans: Green lights on when the fan is working normally, Red lights on when there is a fault, which is convenient for maintenance personnel to handle accurately and efficiently. It has been widely used in DC and EC models.

附录2 风量与转速的关系与计算公式

Appendix Relationship between air volume and rotational speed and calculation formula

同款风扇，扇叶的叶型已经决定了风扇的二个基本性能参数，那就是风量、风压，要满足相关性能，只能改变转速，当转速提高以后，其风噪声（俗称噪音，单位dB）也相应的增大了，所以客户在选风压时可在风噪里相关参数根据此公式计算，看其结果是否符合本号设计需求。一般，风量与转速的变化关系是比例关系变化，公式如下：

$$\frac{Q1}{N1} = \frac{Q2}{N2}$$

Q:表示风量，N表示转速，只要知道已知的三个参数，就可以求出另外一个参数。

比如：我们在目录表中查到12038A在3600rpm风量，风量是139.91，而设计实际需要150以上的风量，在目录表里面又没有查到这个参数，就可以根据这个公式计算需要的转速是多少。

Q represents the air volume and N represents the rotational speed. As long as the three parameters are known, another parameter can be obtained.

For example, we found in the catalog table that the air volume of 12038A at 3600rpm is 139.91, but the actual design demand requires an air volume of more than 150. This parameter is not found in the catalog table, so we can calculate the required rotational speed according to this formula.

$$Q1=139.91, N1=3600RPM Q2=150 N2=\frac{N1 \times Q2}{Q1} = \frac{3600 \times 150}{139.91} = 3859$$

即，风扇转速需提高至3859以上即可获得150cfm风量的需求。
That is, the fan speed needs to be raised to above 3859 to obtain the demand of 150cfm air volume

附录3 风压与转速的关系与计算公式

Appendix Relationship between wind pressure and rotational speed and calculation formula

同款风扇，风压与转速成正比的关系变化，公式如下：

For the same fan, the relationship between air pressure and rotational speed is the square ratio. The formula is as follows:

$$\frac{P1}{N1 \times N1} = \frac{P2}{N2 \times N2}$$

P:表示风压，N:表示转速，同样已知其中三个参数，可以求出另外一个参数。

比如：按上面的公式得出转速是3859，对应的风压是：先找出原3600rpm时对应的风压是13.56mmAq，带入公式

For example: according to the above formula, the speed is 3859, and the corresponding wind pressure is: find out that the corresponding wind pressure at the original 3600rpm is 13.56mmAq and bring it into the formula:

$$P2 = P1 \sqrt{\frac{N2 \times N2}{N1 \times N1}} = 13.56 \sqrt{1.15} = 15.58$$

即：12038A转速在3859rpm时的风压是15.58mmAq
The wind pressure of 12038A at 3859rpm is 15.58mmAq

附录1 风扇参数常用单位换算表

Appendix Conversion table of common units for fan parameters

风量 Air volume	1cfm 立方英尺/ 分钟	M ³ / min 立方米/分钟	L/min 升/分钟
换算比例 Conversion ratio	1	0.028	28.32
风压 Air pressure	MmAq 毫米水柱	Pa 帕斯卡	
换算比例 Conversion ratio	1	9.8	

Aq是拉丁语Aqua的缩写，表示水柱的意思，1mmAq=1mmH2O



IP Protection Level

景策 IP防护等级

防尘等级

数字	防护范围	说明	备注
0	无防护	对外界的人或物无特殊的防护	IP0X
1	防止直径大于50mm的固体异物侵入	防止人体（如手掌）意外而接触到电器内部的零件，防止较大尺寸（直径大于50mm）的外物侵入	IP1X
2	防止直径大于12.5mm的固体异物侵入	防止人的手指接触到电器内部的零件，防止中尺寸（直径大于12.5mm）的外物侵入	IP2X
3	防止直径大于2.5mm的固体异物侵入	防止直径或厚度大于2.5mm的工具、电线及类似的小型外物侵入而接触到电器内部的零件	IP3X
4	防止直径大于1.0mm的固体异物侵入	防止直径或厚度大于1mm的工具、电线及类似的小型外物侵入而接触到电器内部的零件	IP4X
5	防止外物及灰尘	完全防止外物侵入，虽不能完全防止灰尘侵入，但灰尘的侵入量不会影响电器的正常运作	IP5X
6	防止外物及灰尘	完全防止外物及灰尘侵入	IP6X

防水等级

数字	防护范围	说明	备注
0	无防护	当电器由垂直倾斜至15度时，滴水不会对电器造成损坏	IPX0
1	倾斜15度时，仍可防止水滴侵入	当电器由垂直倾斜至15度时，滴水不会对电器造成损坏	IPX1
2	倾斜15度时，仍可防止水滴侵入	当电器由垂直倾斜至15度时，滴水不会对电器造成损坏	IPX2
3	防止喷洒的水侵入	防雨或防止与垂直的夹角小于60度的方向所喷洒的水侵入电器而造成损坏	IPX3
4	防止飞溅的水侵入	防止各个方向飞溅而来的水侵入电器而造成损坏	IPX4
5	防止喷射的水侵入	防止来自各个方向由喷嘴射出的水侵入电器而造成损坏	IPX5
6	防止大浪侵入	装置于甲板上的电器，可防止因大浪的侵袭而造成的损坏	IPX6
7	防止浸水时水的侵入	电器浸在水中一定时间或水压在一定的标准以下，可确保不会浸水而造成损坏	IPX7
8	防止浸水时水的侵入	电器无限期沉没在指定的水压下，可确保不浸水而造成损坏	IPX8



Part Number Code

景荣 规格代码定义

Example 举例: KF1225B48L-AF42SRP7-V0

K F 12 25 B 48 L A F 42 S R P 7 - V0

K 景荣高性能风机

F: 轴流扇 B: 鼓风机 L: 离心扇
C: 横流扇 M: 马达Frame size: 外框或叶轮尺寸
80: 80*80mm 92: 92*92mm
12: 120*120mm
17: 172*15外框厚度 Frame thickness
25: 25mm 38: 38mm
51: 51mm*****轴承结构 Bearing system
B: 2Ball双滚珠 L: Long life sleeve长寿命含油
S: Sleeve含油轴承 F: FDB动压轴承额定电压 Rated voltage
05: 5V 12: 12V 24: 24V
48: 48V 11: 110V 22: 220V转速 Speed
L: 低转速 Low speed M: 中转速 medium speed
H: 高转速 high speed V: 超高转速 very high speedProduct NO. 产品种类
A=A板框叶 B=B板框叶 C=C板框叶 *****
Driver mode: 驱动方式
H: Half wave 半波 F: Full wave 全波
A: AC TO DC 交流转直流 T: 三相转速 Rotation speed
42: 42*100=4200RPM 62: 62*100=6200RPM
0A: 10*1000=10000RPM 0B: 11*1000=11000RPM*****电路保护方式 Protection model
S: Soft start 软启动 A: Auto Restart
L: Current limit N: note3 (详见注释3)信号输出方式 Signal output
F: FG R: RD B: RDB L:LD N: Nont (详见注释1)转速控制方式 Speed control model
P: PWM V: VC T: TC N: None R: RC Note2 (详见注释2)

IPXX防水等级 Waterproof grade N: 无要求 2: IP22 5: IP55 7: IP67

Version number/版本号一般不用, 只有重大设计变更时才标注



Product catalogue

景荣 产品目录



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20060 (200*200*60mm)	52
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1238A (120*120*38mm)	78
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15050 (150*150*50mm)	80
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20060 (200*200*60mm)	82
28080 (φ280*80mm)	83
133 (φ133*91mm)	84
175 (φ175*70mm)	85
190 (φ190*78mm)	86
220 (φ220*98mm)	87
225 (φ225*143mm)	88
250 (φ250*130mm)	89
280 (φ280*164mm)	90
310 (φ310*193mm)	91

DC轴流风扇 DC Axial FAN

3010直流风扇

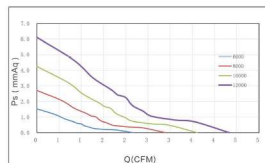
30*30*10mm

1.18*1.18*0.39 in

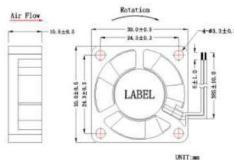


- Speed: 6000~12000 RPM
- Airflow: 2.17~4.33 CFM
- Pressure: 1.53~6.11 mmAq
- Noise: 20.5~34.0 dBA
- Voltage: 05V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve



■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
		YDC	A	W	RPM	CFM	mmAq	dBA
F G R D P W M R P A S I P X S	KF3010B05L	5 (3.5-5.5)	0.06	0.30	6000	2.17	0.06	20.5
	KF3010B05M		0.10	0.50	8000	2.89	0.08	27.1
	KF3010B05H		0.15	0.75	10000	3.61	0.10	31.6
	KF3010B05V		0.20	1.00	12000	4.33	0.12	34.0
	KF3010B12L		0.04	0.48	6000	2.17	0.06	20.5
	KF3010B12M	12 (7-14)	0.05	0.60	8000	2.89	0.08	27.1
	KF3010B12H		0.06	0.72	10000	3.61	0.10	31.6
	KF3010B12V		0.08	0.96	12000	4.33	0.12	34.0
	KF3010B24L		0.02	0.48	6000	2.17	0.06	20.5
	KF3010B24M	24 (15-27)	0.03	0.72	8000	2.89	0.08	27.1
	KF3010B24H		0.04	0.96	10000	3.61	0.10	31.6
	KF3010B24V		0.05	1.20	12000	4.33	0.12	34.0

Note:

- ①: Reference standard: CCC GB12350-2009
- ②: Reference standard: UL
- ③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

3510直流风扇

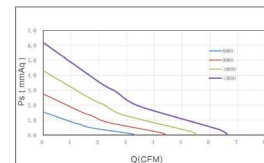
35*35*10mm

1.38*1.38*0.39 in

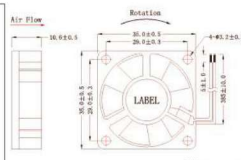


- Speed: 6000~12000 RPM
- Airflow: 3.33~6.66 CFM
- Pressure: 1.55~6.19 mmAq
- Noise: 27.0~35.5 dBA
- Voltage: 05V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve



■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
		YDC	A	W	RPM	CFM	mmAq	dBA
F G R D P W M R P A S I P X S	KF3510B05L	5 (3.5-5.5)	0.08	0.40	6000	3.33	0.09	27.0
	KF3510B05M		0.13	0.65	8000	4.44	0.13	30.0
	KF3510B05H		0.21	1.05	10000	5.55	0.16	34.0
	KF3510B05V		0.31	1.55	12000	6.66	0.19	35.5
	KF3510B12L		0.04	0.48	6000	3.33	0.09	27.0
	KF3510B12M	12 (7-14)	0.06	0.72	8000	4.44	0.13	30.0
	KF3510B12H		0.09	1.08	10000	5.55	0.16	34.0
	KF3510B12V		0.12	1.44	12000	6.66	0.19	35.5
	KF3510B24L		0.03	0.72	8000	3.33	0.09	27.0
	KF3510B24M	24 (15-27)	0.04	0.96	8000	4.44	0.13	30.0
	KF3510B24H		0.05	1.20	10000	5.55	0.16	34.0
	KF3510B24V		0.06	1.44	12000	6.66	0.19	35.5

Note:

- ①: Reference standard: CCC GB12350-2009
- ②: Reference standard: UL
- ③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

4010直流风扇

40*40*10mm

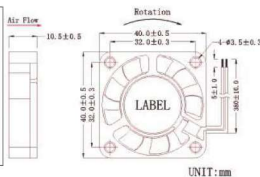
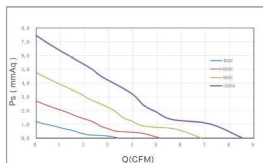
1.57*1.57*0.39 in



- Speed: 4000~10000 RPM
- Airflow: 3.41~8.53 CFM
- Pressure: 1.19~7.46 mmAq
- Noise: 21.0~37.0 dBA
- Voltage: 05V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	PanND	VDC	A	W	RPM	CFM	mmAq	dBA
FQ RD PWM RP AS IPXS	KF4010B05L	5 (3.5-5.5)	0.05	0.25	4000	3.41	0.10	1.19
	KF4010B05M		0.11	0.55	6000	5.12	0.14	2.69
	KF4010B05H		0.21	1.05	8000	6.82	0.19	4.77
	KF4010B05V		0.38	1.90	10000	8.53	0.24	7.46
	KF4010B12L	12 (7-14)	0.04	0.48	4000	3.41	0.10	1.19
	KF4010B12M		0.06	0.72	6000	5.12	0.14	2.69
	KF4010B12H		0.09	1.08	8000	6.82	0.19	4.77
	KF4010B12V		0.15	1.80	10000	8.53	0.24	7.46
	KF4010B24L	24 (15-27)	0.04	0.96	4000	3.41	0.10	1.19
	KF4010B24M		0.05	1.20	6000	5.12	0.14	2.69
	KF4010B24H		0.06	1.44	8000	6.82	0.19	4.77
	KF4010B24V		0.08	1.92	10000	8.53	0.24	7.46

Note:

- ①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

4015直流风扇

40*40*15mm

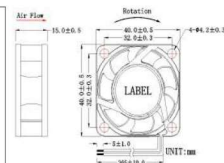
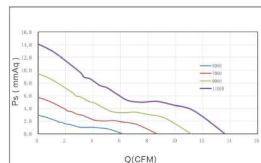
1.57*1.57*0.59 in



- Speed: 5000~11000 RPM
- Airflow: 6.19~13.62 CFM
- Pressure: 2.92~14.15 mmAq
- Noise: 21.3~40.5 dBA
- Voltage: 12V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	PanND	VDC	A	W	RPM	CFM	mmAq	dBA
FQ RD PWM RP AS IPXS	KF4015B12L	12 (7-14)	0.05	0.60	5000	6.19	0.18	2.92
	KF4015B12M		0.09	1.08	7000	8.67	0.25	5.73
	KF4015B12H		0.16	1.92	9000	11.14	0.32	9.47
	KF4015B12V		0.25	3.00	11000	13.62	0.39	14.15
	KF4015B24L	24 (15-27)	0.03	0.72	5000	6.19	0.18	2.92
	KF4015B24M		0.05	1.20	7000	8.67	0.25	5.73
	KF4015B24H		0.08	1.92	9000	11.14	0.32	9.47
	KF4015B24V		0.13	3.12	11000	13.62	0.39	14.15

Note:

- ①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

4020直流风扇

40*40*20mm

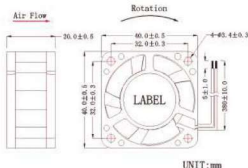
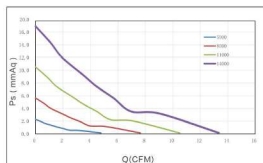
1.57*1.57*0.79 in



- Speed: 5000~14000 RPM
- Airflow: 4.74~13.28 CFM
- Pressure: 2.41~18.87 mmAq
- Noise: 22.5~46.8 dBA
- Voltage: 12V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



UNIT: mm

可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	Part NO	VDC	A	W	RPM	CFM	mmAq	dBA
FQ	KF4020B12L	12	0.05	0.60	5000	4.74	0.13	22.5
RD	KF4020B12M	(7-14)	0.09	1.08	8000	7.59	0.21	26.16
PWM	KF4020B12H		0.17	2.04	11000	10.44	0.30	11.65
RP	KF4020B12V		0.32	3.84	14000	13.28	0.38	18.87
AS	KF4020B24L	24	0.03	0.72	5000	4.74	0.13	2.41
IPXS	KF4020B24M	(15-27)	0.05	1.20	8000	7.59	0.21	6.16
	KF4020B24H		0.08	1.92	11000	10.44	0.30	11.65
	KF4020B24V		0.16	3.84	14000	13.28	0.38	18.87

Note:

- ①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

4028直流风扇

40*40*28mm

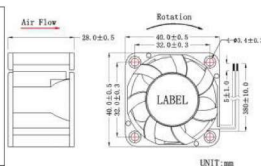
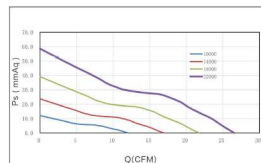
1.57*1.57*1.1 in



- Speed: 10000~22000 RPM
- Airflow: 12.07~26.55 CFM
- Pressure: 12.10~58.55 mmAq
- Noise: 36.7~54.1 dBA
- Voltage: 12V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



UNIT: mm

可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	Part NO	VDC	A	W	RPM	CFM	mmAq	dBA
FQ	KF4028B12L	12	0.12	1.44	10000	12.07	0.34	12.10
RD	KF4028B12M	(7-14)	0.26	3.12	14000	16.90	0.48	23.71
PWM	KF4028B12H		0.50	6.00	18000	21.72	0.61	39.20
RP	KF4028B12V		0.80	9.60	22000	26.55	0.75	58.55
AS	KF4028B24L	24	0.06	1.44	10000	12.07	0.34	12.10
IPXS	KF4028B24M	(15-27)	0.13	3.12	14000	16.90	0.48	23.71
	KF4028B24H		0.25	6.00	18000	21.72	0.61	39.20
	KF4028B24V		0.40	9.60	22000	26.55	0.75	58.55

Note:

- ①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

5010直流风扇

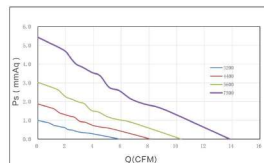
50*50*10mm

1.97*1.97*0.39 in

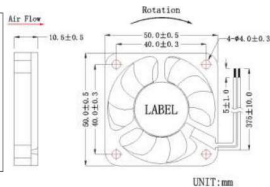


- Speed: 3200~7500 RPM
- Airflow: 5.90~13.82 CFM
- Pressure: 0.99~5.43 mmAq
- Noise: 18.5~37.0 dBA
- Voltage: 12V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve



尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE		
	KF5010B12L	VDC	0.03	0.36	3200	5.90	0.17	0.99	0.04	18.5
FG	KF5010B12M	12	0.04	0.48	4400	8.11	0.23	1.87	0.07	28.0
RD	KF5010B12H	(7-14)	0.07	0.84	5600	10.32	0.29	3.03	0.12	31.0
PWM	KF5010B12V		0.11	1.32	6800	12.53	0.35	4.46	0.18	35.0
AS	KF5010B24M	24	0.03	0.72	4400	8.11	0.23	1.87	0.07	28.0
IPXS	KF5010B24H	(15-27)	0.04	0.96	5600	10.32	0.29	3.03	0.12	31.0
	KF5010B24V		0.08	1.92	7500	13.82	0.39	5.43	0.21	37.0

Note:
①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

5015直流风扇

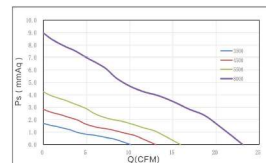
50*50*15mm

1.97*1.97*0.59 in

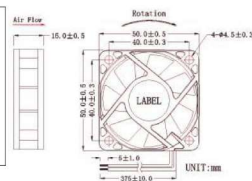


- Speed: 3500~8000 RPM
- Airflow: 10.10~23.09 CFM
- Pressure: 1.71~8.96 mmAq
- Noise: 25.5~39.0 dBA
- Voltage: 12V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve



尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE		
	PanD	VDC	A	W	RPM	CFM	m³/min	mmHg	in H ₂ O	dBA
FG RD PWM AS IPXS	KF5015B12L	12 (7-14)	0.05	0.60	3500	10.10	0.29	1.71	0.07	25.5
	KF5015B12M		0.08	0.96	4500	12.99	0.37	2.83	0.11	27.8
	KF5015B12H		0.13	1.56	5500	15.87	0.45	4.23	0.17	30.1
	KF5015B12V	24 (15-27)	0.21	2.52	8000	23.09	0.65	8.96	0.35	39.0
	KF5015B24M		0.03	0.72	3500	10.10	0.29	1.71	0.07	25.5
	KF5015B24H		0.04	0.96	4500	12.99	0.37	2.83	0.11	27.8
	KF5015B24V		0.07	1.68	5500	15.87	0.45	4.23	0.17	30.1
			0.11	2.64	8000	23.09	0.65	8.96	0.35	39.0

Note:
①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

5020直流风扇

50*50*20mm

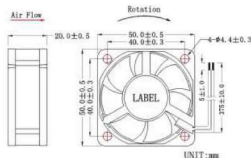
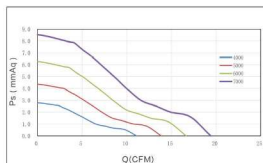
1.97*1.97*0.79 in



- Speed: 4000~7000 RPM
- Airflow: 11.10~19.42 CFM
- Pressure: 2.79~8.54 mmAq
- Noise: 27.0~41.0 dBA
- Voltage: 05V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	PWM	VDC	A	W	RPM	CFM	mmAq	dBA
FQ RD PWM RP AS IPXS	KF5020B05L	5 (3.5-5.5)	0.10	0.50	4000	11.10	0.31	27.0
	KF5020B05M		0.18	0.90	5000	13.87	0.39	4.36 0.17 32.2
	KF5020B05H		0.30	1.50	6000	16.64	0.47	6.27 0.25 36.3
	KF5020B05V		0.40	2.00	6500	18.03	0.51	7.36 0.29 38.0
	KF5020B12L	12 (7-14)	0.04	0.48	4000	11.10	0.31	27.0
	KF5020B12M		0.08	0.96	5000	13.87	0.39	4.36 0.17 32.2
	KF5020B12H		0.12	1.44	6000	16.64	0.47	6.27 0.25 36.3
	KF5020B12V		0.20	2.40	7000	19.42	0.55	8.54 0.34 41.0
	KF5020B24L	24 (15-27)	0.03	0.72	4000	11.10	0.31	27.0
	KF5020B24M		0.04	0.96	5000	13.87	0.39	4.36 0.17 32.2
	KF5020B24H		0.06	1.44	6000	16.64	0.47	6.27 0.25 36.3
	KF5020B24V		0.10	2.40	7000	19.42	0.55	8.54 0.34 41.0

Note:

- ①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

6010直流风扇

60*60*10mm

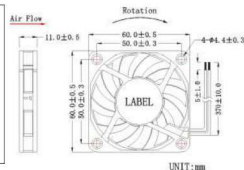
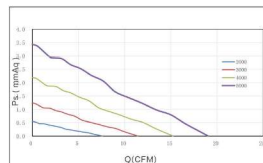
2.36*2.36*0.39 in



- Speed: 2000~5000 RPM
- Airflow: 7.62~19.06 CFM
- Pressure: 0.55~3.43 mmAq
- Noise: 19.8~37.0 dBA
- Voltage: 05V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	PWM	VDC	A	W	RPM	CFM	mmAq	dBA
FQ RD PWM RP AS IPXS	KF6010B05L	5 (3.5-5.5)	0.05	0.25	2000	7.62	0.22	0.55 0.02 19.8
	KF6010B05M		0.12	0.60	3000	11.43	0.32	1.24 0.05 24.6
	KF6010B05H		0.26	1.30	4000	15.24	0.43	2.20 0.09 32.0
	KF6010B12L		0.05	0.60	3000	7.62	0.22	0.55 0.02 24.6
	KF6010B12M	12 (7-14)	0.10	1.20	4000	15.24	0.43	2.20 0.09 32.0
	KF6010B12H		0.17	2.04	5000	19.06	0.54	3.43 0.14 37.2
	KF6010B24M		0.06	1.44	4000	15.24	0.43	2.20 0.09 32.0
	KF6010B24H		0.07	1.68	5000	19.06	0.54	3.43 0.14 37.0

Note:

- ①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

6015直流风扇

60*60*15mm

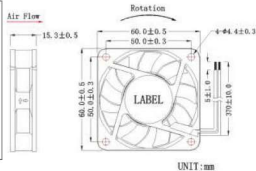
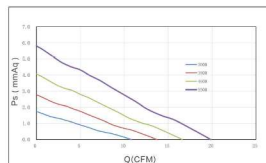
2.36*2.36*0.59 in



- Speed: 3000~5500 RPM
- Airflow: 10.82~19.84 CFM
- Pressure: 1.73~5.81 mmAq
- Noise: 27.2~38.0 dBA
- Voltage: 12V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, LongLife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	PartNo	VDC	A	W	RPM	CFM	mmAq	dBA
F.O	KF6015B12L	12 (7-14)	0.04	0.48	3000	10.82	3.1	27.2
RD	KF6015B12M		0.06	0.72	3800	13.71	3.9	30.6
PWM	KF6015B12H		0.10	1.20	4500	16.59	4.7	33.6
AS	KF6015B24L	24 (15-27)	0.16	1.92	5500	19.84	5.6	38.0
IPXS	KF6015B24M		0.02	0.48	3000	10.82	3.1	27.2
	KF6015B24H		0.03	0.72	3800	13.71	3.9	30.6
	KF6015B24V		0.05	1.20	4600	16.59	4.7	33.6
			0.08	1.92	5500	19.84	5.6	38.0

Note:
①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

6020直流风扇

60*60*20mm

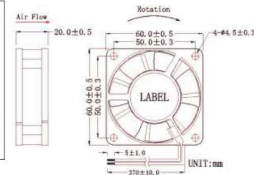
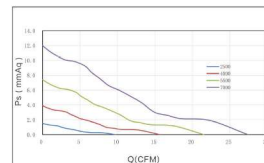
2.36*2.36*0.79 in



- Speed: 2500~7000 RPM
- Airflow: 9.79~27.40 CFM
- Pressure: 1.53~12.00 mmAq
- Noise: 27.1~43.0 dBA
- Voltage: 12V~48V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, LongLife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	PartNo	VDC	A	W	RPM	CFM	mmAq	dBA
F.O RD PWM AS IPXS	KF6020B12L	12 (7-14)	0.05	0.60	2500	9.79	0.28	27.1
	KF6020B12M		0.10	1.20	4000	15.66	0.44	31.8
	KF6020B12H		0.18	2.16	5500	21.53	0.61	37.5
	KF6020B12V		0.28	3.36	7000	27.40	0.78	43.0
	KF6020B24L	24 (15-27)	0.04	0.96	2500	9.79	0.28	27.1
	KF6020B24M		0.05	1.20	4000	15.66	0.44	31.8
	KF6020B24H		0.09	2.16	5500	21.53	0.61	37.5
	KF6020B24V		0.15	3.60	7000	27.40	0.78	43.0
	KF6020B48L	48 (30-53)	0.03	1.44	2500	9.79	0.28	27.1
	KF6020B48M		0.04	1.92	4000	15.66	0.44	31.8
	KF6020B48H		0.05	2.40	5500	21.53	0.61	37.5
	KF6020B48V		0.08	3.84	7000	27.40	0.78	43.0

Note:
①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

7020直流风扇

70*70*20mm

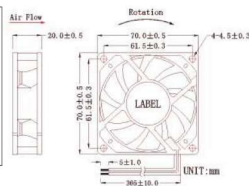
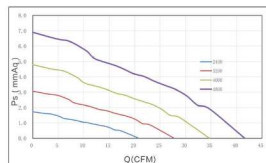
2.76*2.76*0.79 in



- Speed: 2400~4800 RPM
- Airflow: 20.83~41.66 CFM
- Pressure: 1.72~6.90 mmAq
- Noise: 26.5~40.2 dBA
- Voltage: 12V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE		
	PartNo	VDC	A	W	RPM	CFM m³/min	mmHg in H ₂ O	dBA		
FG RD PWM RP AS SS IPX5	KF7020B12L	(7-14)	0.05	0.60	2400	20.83	0.59	1.72	0.07	26.5
	KF7020B12M		0.12	1.44	3200	27.77	0.79	3.06	0.12	33.3
	KF7020B12H		0.22	2.64	4000	34.71	0.98	4.79	0.19	36.8
	KF7020B12V		0.40	4.80	4800	41.66	1.18	6.90	0.27	40.2
	KF7020B24L	24	0.03	0.72	2400	20.83	0.59	1.72	0.07	26.5
	KF7020B24M	(15-27)	0.06	1.44	3200	27.77	0.79	3.06	0.12	33.3
	KF7020B24H		0.11	2.64	4000	34.71	0.98	4.79	0.19	36.8
	KF7020B24V		0.20	4.80	4800	41.66	1.18	6.90	0.27	40.2

Note:

- ①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

7025直流风扇

70*70*25mm

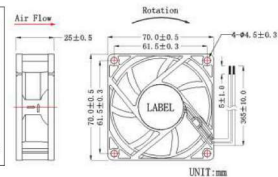
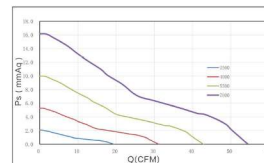
2.76*2.76*0.98 in



- Speed: 2500~7000 RPM
- Airflow: 19.49~54.57 CFM
- Pressure: 2.06~16.18 mmAq
- Noise: 27.4~47.0 dBA
- Voltage: 12V~48V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE		
	Part NO:	VDC	A	W	RPM	CFM m³/min	mmAQ	in H ₂ O	dB(A)	
FQ RD PWM RP AS IPXS	KF7025B12L	12 (7-14)	0.09	1.08	2500	19.49	0.55	2.06	0.08	27.4
	KF7025B12M		0.11	1.32	4000	31.18	0.88	5.28	0.21	33.6
	KF7025B12H		0.28	3.36	5500	42.88	1.21	9.99	0.39	41.0
	KF7025B12V		0.50	6.00	7000	54.57	1.54	16.18	0.64	47.0
	KF7025B24L		0.05	1.20	2500	19.49	0.55	2.06	0.08	27.4
	KF7025B24M	24 (15-27)	0.06	1.44	4000	31.18	0.88	5.28	0.21	33.6
	KF7025B24H		0.14	3.36	5500	42.88	1.21	9.99	0.39	41.0
	KF7025B48L		0.25	6.00	7000	54.57	1.54	16.18	0.64	47.0
	KF7025B48M	48 (30-53)	0.03	1.44	2500	19.49	0.55	2.06	0.08	27.4
	KF7025B48H		0.04	1.92	4000	31.18	0.88	5.28	0.21	33.6
	KF7025B48V		0.07	3.36	5500	42.88	1.21	9.99	0.39	41.0
			0.13	6.24	7000	54.57	1.54	16.18	0.64	47.0

Note:

- ①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

8015直流风扇

80*80*15mm

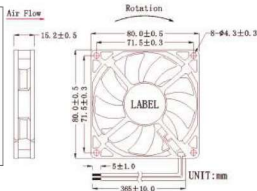
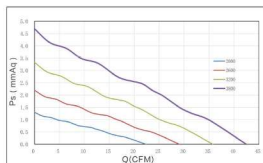
3.15*3.15*0.59 in



- Speed: 2000~3800 RPM
- Airflow: 22.34~42.45 CFM
- Pressure: 1.30~4.70 mmAq
- Noise: 29.3~42.0 dBA
- Voltage: 12V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	PanD	VDC	A	W	RPM	CFM	mmAq	dBA
FQ	KF8015B12L	12	0.05	0.60	2000	22.34	0.63	29.3
RD	KF8015B12M	(7-14)	0.10	1.20	2600	29.05	0.82	33.8
	KF8015B12H		0.19	2.28	3200	35.75	1.01	37.6
PWM	KF8015B12V		0.31	3.72	3800	42.45	1.20	42.0
RP	KF8015B24L	24	0.03	0.72	2000	22.34	0.63	29.3
AS	KF8015B24M	(15-27)	0.05	1.20	2600	29.05	0.82	33.8
	KF8015B24H		0.10	2.40	3200	35.75	1.01	37.6
IPXS	KF8015B24V		0.16	3.84	3800	42.45	1.20	42.0

Note:

- ①: Reference standard: CCC GB12350-2009
- ②: Reference standard: UL
- ③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

8020直流风扇

80*80*20mm

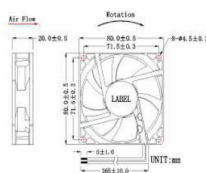
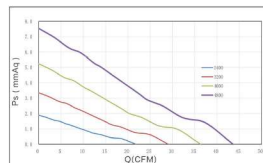
3.15*3.15*0.79 in



- Speed: 2400~4800 RPM
- Airflow: 21.80~43.59 CFM
- Pressure: 1.88~7.54 mmAq
- Noise: 29.6~42.0 dBA
- Voltage: 12V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	PanD	VDC	A	W	RPM	CFM	mmAq	dBA
FQ	KF8020B12L	12	0.08	0.96	2400	21.80	0.62	29.6
RD	KF8020B12M	(7-14)	0.12	1.44	3200	29.06	0.82	33.5
	KF8020B12H		0.28	3.36	4000	36.33	1.03	38.0
PWM	KF8020B12V		0.40	4.80	4800	43.59	1.23	42.0
RP	KF8020B24L	24	0.04	0.96	2400	21.80	0.62	29.6
AS	KF8020B24M	(15-27)	0.06	1.44	3200	29.06	0.82	33.5
	KF8020B24H		0.14	3.36	4000	36.33	1.03	38.0
IPXS	KF8020B24V		0.20	4.80	4800	43.59	1.23	42.0

Note:

- ①: Reference standard: CCC GB12350-2009
- ②: Reference standard: UL
- ③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

8025直流风扇

80*80*25mm

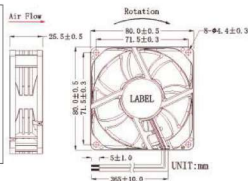
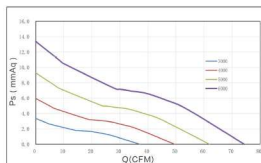
3.15*3.15*0.98 in



- Speed: 3000~6000 RPM
- Airflow: 37.2~74.39 CFM
- Pressure: 3.35~13.39 mmAq
- Noise: 33.1~48.6 dBA
- Voltage: 12V~48V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE		
	PanD	VDC	A	W	RPM	CFM	m³/min	mmAq	dB A	
SS FG RO	KF8025B12L	12 (7-14)	0.10	1.20	3000	37.20	1.05	3.35	11.3	
	KF8025B12M		0.24	2.88	4000	49.59	1.40	5.95	0.23	37.1
	KF8025B12H		0.40	4.80	5000	61.99	1.75	9.30	0.37	42.5
	KF8025B12V		0.65	7.80	6000	74.39	2.11	13.39	0.53	48.6
PWM IPK5	KF8025B24L	24 (15-27)	0.06	1.44	3000	37.20	1.05	3.35	0.13	33.1
	KF8025B24M		0.10	2.40	4000	49.59	1.40	5.95	0.23	37.1
	KF8025B24H		0.20	4.80	5000	61.99	1.75	9.30	0.37	42.5
	KF8025B24V		0.35	8.40	6000	74.39	2.11	13.39	0.53	48.6
AS IPK5	KF8025B48L	48 (30-53)	0.04	1.92	3000	37.20	1.05	3.35	0.13	33.1
	KF8025B48M		0.06	2.88	4000	49.59	1.40	5.95	0.23	37.1
	KF8025B48H		0.10	4.80	5000	61.99	1.75	9.30	0.37	42.5
	KF8025B48V		0.18	8.64	6000	74.39	2.11	13.39	0.53	48.6

Note:

- ①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

8038直流风扇

80*80*38mm

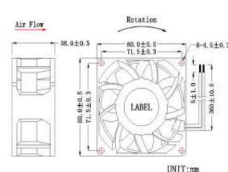
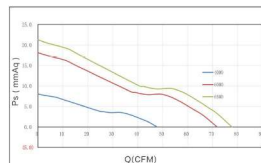
3.15*3.15*1.5 in



- Speed: 4000~6500 RPM
- Airflow: 47.86~77.78 CFM
- Pressure: 8.04~21.24 mmAq
- Noise: 46.3~58.1 dBA
- Voltage: 12V~48V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE		
	PanD	VDC	A	W	RPM	CFM	m³/min	mmAq	dB(A)	
FG RD LDL	KF8038B12L	12 (7-14)	0.30	3.60	4000	47.86	1.35	8.04	0.32	46.3
	KF8038B12M		0.80	9.60	6000	71.80	2.03	18.10	0.71	55.4
	KF8038B12H		1.30	15.60	6500	77.78	2.20	21.24	0.84	58.1
	KF8038B24L		0.15	3.60	4000	47.86	1.35	8.04	0.32	46.3
PWM AS SS	KF8038B24M	24 (15-27)	0.40	9.60	6000	71.80	2.03	18.10	0.71	55.4
	KF8038B24H		0.65	15.60	6500	77.78	2.20	21.24	0.84	58.1
	KF8038B48L		0.08	3.84	4000	47.86	1.35	8.04	0.32	46.3
	KF8038B48M		0.20	9.60	6000	71.80	2.03	18.10	0.71	55.4
SS IPXS	KF8038B48H	48 (30-57)	0.32	15.36	6500	77.78	2.20	21.24	0.84	58.1

Note:

- ①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

8038直流风扇

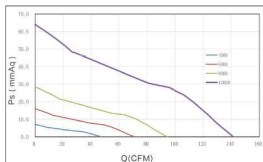
80*80*38mm

3.15*3.15*1.5 in

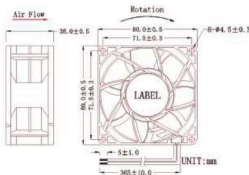


- Speed:4000-12000 RPM
- Airflow:47.12-141.36 CFM
- Pressure:7.11-64.02 mmAq
- Noise:37.3-66.5 dBA
- Voltage:12V-48V
- Motor: DC brushless external rotor motor
- Frame:PBT
- Impeller:PBT
- Bearing System: 2 Ball,Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature:-10℃~70℃

- PO曲线 P&O Curve



■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	额定电压 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE		
	Part No.	VDC	A	W	RPM	CFM	in³/min	mmAQ	hPa	dBA
FQ RD	KF03038R12L	12 (1-4)	0.28	3.36	4000	47.12	1.33	7.11	0.28	37.3
	KF03038R12M		0.65	7.80	6000	70.68	2.00	16.01	0.63	45.8
	KF03038R12H		1.30	15.60	8000	94.24	2.67	28.45	1.12	52.2
RD L	KF03038R12V	12	3.60	43.20	12000	141.36	4.00	64.02	2.52	66.5
	KF03038R24L		0.14	3.36	4000	47.12	1.33	7.11	0.28	37.3
	KF03038R24M		0.32	7.68	6000	70.68	2.00	16.01	0.63	45.8
RD AS	KF03038R24V	24 (15-27)	6.65	15.60	8000	94.24	2.67	28.45	1.12	52.2
	KF03038R24H		1.80	43.20	12000	141.36	4.00	64.02	2.52	66.5
	KF03038R48L		0.08	3.84	4000	47.12	1.33	7.11	0.28	37.3
IPX5	KF03038R48M	48 (30-57)	0.16	7.68	6000	70.68	2.00	16.01	0.63	45.8
	KF03038R48H		0.35	16.80	8000	94.24	2.67	28.45	1.12	52.2
	KF03038R48V		0.90	43.20	12000	141.36	4.00	64.02	2.52	66.5

Note:

③. Reference standard: TUV



DC轴流风扇 DC Axial FAN

9225直流风扇

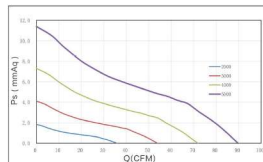
92*92*25mm

3.62*3.62*0.98 in

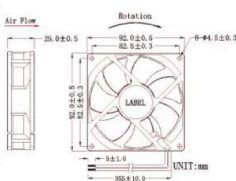


- Speed:2000-5000 RPM
- Airflow:35.92-89.81 CFM
- Pressure:1.82-11.40 mmAq
- Noise:29.0-47.0 dBA
- Voltage:12V-24V
- Motor: DC brushless external rotor motor
- Frame:PBT
- Impeller:PBT
- Bearing System: 2 Ball,Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature:-10℃~70℃

- PO曲线 P&O Curve



■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	额定电压 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIR FLOW	风压 PRESSURE	噪音 NOISE		
	Part No.	VDC	A	W	RPM	CFM	m³/min	mmAQ	dB(A)	
FG RD RDL PPV PW AS SS IPX5	KF9225B12L		0.06	0.72	2000	35.92	1.01	1.82	72	
	KF9225B12M		0.15	1.80	3000	58.99	1.52	4.11	1.62	35.7
	KF9225B12H	(1-14)	0.30	3.60	4000	71.85	2.03	7.30	2.87	41.6
	KF9225B12V		0.60	7.20	5000	89.81	2.54	11.40	4.49	47.0
	KF9225B24L		0.04	0.96	2000	35.92	1.01	1.82	72	39.0
	KF9225B24M	24	0.07	1.68	3000	53.89	1.52	4.11	1.62	35.7
	KF9225B24H	(15-37)	0.15	3.60	4000	71.85	2.03	7.30	2.87	41.6
	KF9225B24V		0.30	7.20	5000	89.81	2.54	11.40	4.49	47.0

Note:

①. Reference standard: CCC GB12350-2009
②. Reference standard: UL
③. Reference standard: TUV



DC轴流风扇 DC Axial FAN

9225直流风扇

92*92*25mm

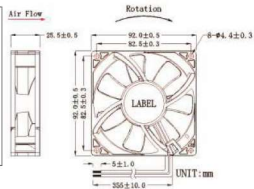
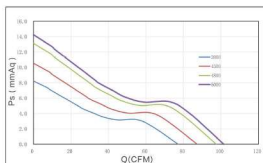
3.62*3.62*0.98 in



- Speed:3800~5000 RPM
- Airflow:77.17~101.54 CFM
- Pressure:8.24~14.26 mmAq
- Noise:42.5~54.0 dBA
- Voltage:12V~24V
- Motor: DC brushless external rotor motor
- Frame:PBT
- Impeller:PBT
- Bearing System: 2 Ball,Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature:~10℃~70℃

- PO曲线 P&O Curve

■ 尺寸圖 Dimensions



可运行 Functions	产品型号 PartNo.	电压范围 VDC	额定电压 MODEL	额定电流 A	功率 W	转速 RPM	风量 CFM	风压 mmHg	风阻 hPa	噪音 dB(A)
SS	KF29S2512L		0.40	4.80	3800	77.17	21.18	8.24	0.32	42.5
RO	KF29S2512M		0.60	7.20	4300	87.33	24.27	10.55	0.42	45.8
FDL	KF29S2512H	(12)	0.80	9.60	4800	97.48	2.76	13.14	0.52	52.0
RD	KF29S2512V		0.85	10.20	5000	101.54	2.87	14.26	0.56	54.0
PWM	KF29S2524L		0.40	4.80	3800	77.17	21.18	8.24	0.32	42.5
RP	KF29S2524M	24	0.30	7.20	4300	87.33	24.27	10.55	0.42	45.8
AS	KF29S2524H	(15-37)	0.40	9.60	4800	97.48	2.76	13.14	0.52	52.0
IPXS	KF29S2524V		0.42	10.08	5000	101.54	2.87	14.26	0.56	54.0

Note:

①. Reference standard: CCC GB12350-2009

②. Reference standard: ILL.

③. Reference standard: TÜV



DC轴流风扇 DC Axial FAN

9232 直流风扇

92*92*32mm

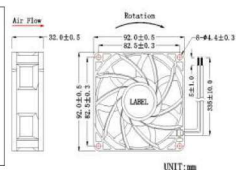
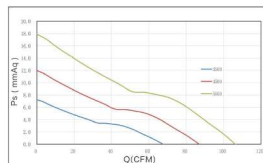
3.62*3.62*1.26 in



- * Speed:3500~5500 RPM
- * Airflow:67.69~106.37 CFM
- * Pressure:7.25~17.91 mmAQ
- * Noise:40.3~51.9 dBA
- * Voltage:12V~48V
- * Motor: DC brushless external rotor motor
- * Frame:PBT
- * Impeller:PBT
- * Bearing System: 2 Ball,Longlife Sleeve, FDB
- * Insulation: Class A
- * Operation Temperature:-10℃~70℃

- PO曲线 P&O Curve

■ 尺寸圖 Dimensions



可选项 Functions	产品型号 MODEL	额定电压 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	PartNo.	VDC	A	W	RPM	CFM m ³ /min	mmAq inH ₂ O	dBA
FG	KF93282812L		0.44	5.28	3500	67.69	1.92	2.29
RD	KF93282824M	12	8.88	74.8	4500	106.37	3.01	19.71
RD	KF93282812H	(1-14)	1.20	14.40	3500	106.37	3.01	17.91
RD	KF93282824L	24	0.22	5.28	3500	67.69	1.92	2.25
PWM	KF93282824M	(15-27)	0.37	8.88	4500	87.03	2.46	11.99
AS	KF93282824H		0.60	14.40	3500	106.37	3.01	17.91
SS	KF93282848L	48	0.11	5.28	3500	67.69	1.92	2.25
SS	KF93282848M	(10-33)	0.16	8.64	4500	106.37	2.46	11.99
IPX5	KF93282848H		0.10	14.40	3500	106.37	2.01	7.25

Note:

①. Reference standard: CCC GB12350-2009

② Reference standard: III.

③. Reference standard: TÜV



DC轴流风扇 DC Axial FAN

9238直流风扇

92*92*38mm

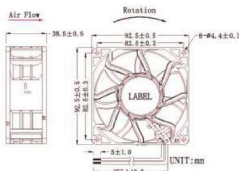
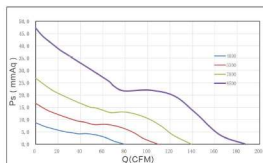
3.62*3.62*1.5 in



- Speed: 4000~8500 RPM
- Airflow: 79.56~187.47 CFM
- Pressure: 8.77~47.26 mmAq
- Noise: 40.4~60.2 dBA
- Voltage: 12V~48V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	PWM	VDC	A	W	RPM	CFM	mmAq	dBA
SS RDL TFO RDL PWM AS IPXS	KF9238B12L	12 (7-14)	0.38	4.56	4000	79.56	2.25	8.77
	KF9238B12M		0.75	9.00	5500	109.40	3.10	16.58
	KF9238B12H		1.60	19.20	7000	139.24	3.94	26.86
	KF9238B12V		3.00	36.00	8500	187.47	5.31	47.26
	KF9238B24L	24 (15-27)	0.18	4.32	4000	79.56	2.25	8.77
	KF9238B24M		0.40	9.60	5500	109.40	3.10	16.58
	KF9238B24H		0.80	19.20	7000	139.24	3.94	26.86
	KF9238B24V		1.50	36.00	8500	187.47	5.31	47.26
	KF9238B48L	48 (30-57)	0.10	4.80	4000	79.56	2.25	8.77
	KF9238B48M		0.22	10.56	5500	109.40	3.10	16.58
	KF9238B48H		0.40	19.20	7000	139.24	3.94	26.86
	KF9238B48V		0.75	36.00	8500	187.47	5.31	47.26

Note:

- ①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

12025小芯直流风扇

120*120*25mm

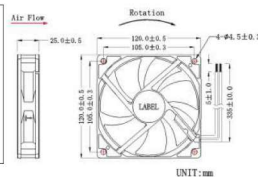
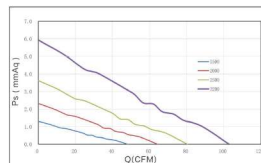
4.72*4.72*0.98 in



- Speed: 1500~3200 RPM
- Airflow: 48.21~102.84 CFM
- Pressure: 1.30~5.93 mmAq
- Noise: 27.0~43.0 dBA
- Voltage: 12V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	PWM	VDC	A	W	RPM	CFM	mmAq	dBA
FQ RDL TFO RDL PWM AS IPXS	KF1225B12L	12 (7-14)	0.05	0.60	1500	48.21	1.36	1.30
	KF1225B12M		0.10	1.20	2000	64.27	1.82	2.32
	KF1225B12H		0.20	2.40	2500	80.34	2.27	3.62
	KF1225B12V		0.34	4.08	3200	102.84	2.91	5.93
	KF1225B24L	24 (15-27)	0.04	0.96	1500	48.21	1.36	1.30
	KF1225B24M		0.05	1.20	2000	64.27	1.82	2.32
	KF1225B24H		0.10	2.40	2500	80.34	2.27	3.62
	KF1225B24V		0.18	4.32	3200	102.84	2.91	5.93

Note:

- ①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

12025大芯直流风扇

120*120*25mm

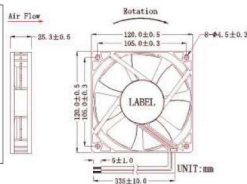
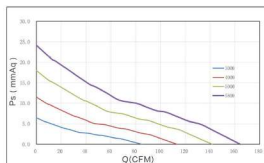
4.72*4.72*0.98 in

B
系列

- Speed: 3000~5800 RPM
- Airflow: 85.06~164.44 CFM
- Pressure: 6.47~24.17 mmAq
- Noise: 39.5~59.4 dBA
- Voltage: 12V~48V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
PWM	KF1225B12L	A	0.25	3.00	3000	85.06	2.41	6.47
FG	KF1225B12M	12	0.52	6.24	4000	113.41	3.21	11.49
RO	KF1225B12H	(7-14)	0.85	10.20	5000	141.76	4.01	17.96
LD	KF1225B12V		1.20	14.40	5500	155.94	4.41	21.73
PWM	KF1225B24L	24	0.13	3.12	3000	85.06	2.41	6.47
TP	KF1225B24M		0.25	6.00	4000	113.41	3.21	11.49
VC	KF1225B24H	(15-27)	0.42	10.08	5000	141.76	4.01	17.96
RC	KF1225B24V		0.70	16.80	5800	164.44	4.65	24.17
CS	KF1225B48L	48	0.08	3.84	3000	85.06	2.41	6.47
RP	KF1225B48M		0.13	6.24	4000	113.41	3.21	11.49
AS	KF1225B48H	(30-53)	0.21	10.08	5000	141.76	4.01	17.96
CL	KF1225B48V		0.35	16.80	5800	164.44	4.65	24.17
IPX8								

Note:

- ①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

12038直流风扇

120*120*38mm

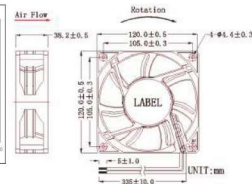
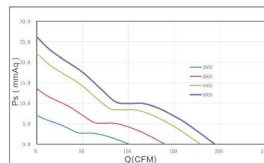
4.72*4.72*1.5 in

A
系列

- Speed: 2600~5000 RPM
- Airflow: 101.04~194.31 CFM
- Pressure: 7.07~26.16 mmAq
- Noise: 40.0~56.0 dBA
- Voltage: 12V~48V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
PWM	KF1238B12L	A	0.40	4.80	2600	101.04	2.86	7.07
FG	KF1238B12M	12	0.85	10.20	3600	139.91	3.96	13.56
RO	KF1238B12H	(7-14)	1.50	18.00	4600	178.77	5.06	22.14
LD	KF1238B24L	24	0.18	4.32	2600	101.04	2.86	7.07
PWM	KF1238B24M		0.40	9.60	3600	139.91	3.96	13.56
TP	KF1238B24H	(15-27)	0.75	18.00	4600	178.77	5.06	22.14
VC	KF1238B24V		0.90	21.60	5000	194.31	5.50	26.16
RC	KF1238B48L	48	0.08	3.84	2600	101.04	2.86	7.07
CS	KF1238B48M		0.20	9.60	3600	139.91	3.96	13.56
RP	KF1238B48H	(30-57)	0.38	18.24	4600	178.77	5.06	22.14
AS	KF1238B48V		0.48	23.04	5000	194.31	5.50	26.16
CL								
IPX8								

Note:

- ①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

12038静音叶轮风扇

120*120*38mm

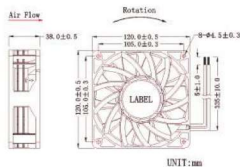
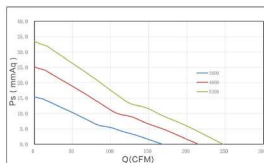
4.72*4.72*1.5 in



- Speed: 3600~5300 RPM
- Airflow: 168.16~247.56 CFM
- Pressure: 15.44~33.47 mmAq
- Noise: 51.0~61.2 dBA
- Voltage: 12V~48V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



UNIT:mm

可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
E 系列 E Series	Port NO	VDC	A	W	RPM	CFM	mmAq	dBA
	KF1238B12M	12 (8-14)	1.40	16.80	3600	168.16	4.76	51.0
	KF1238B24M	24	0.70	16.80	3600	168.16	4.76	51.0
	KF1238B24H	(15-27)	1.40	33.60	4600	214.87	6.08	57.2
	KF1238B24V		2.30	55.20	5300	247.56	7.01	61.2
	KF1238B48M	48	0.35	16.80	3600	168.16	4.76	51.0
	KF1238B48H	(30-57)	0.70	33.60	4600	214.87	6.08	57.2
	KF1238B48V		1.20	57.60	5300	247.56	7.01	61.2

Note:
①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

14038直流风扇

140*140*38mm

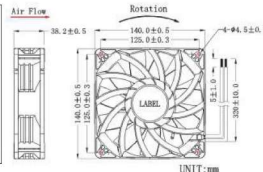
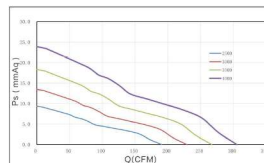
5.51*5.51*1.5 in



- Speed: 2500~4000 RPM
- Airflow: 191.03~305.64 CFM
- Pressure: 9.34~23.91 mmAq
- Noise: 49.3~62.4 dBA
- Voltage: 12V~48V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



UNIT:mm

可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
E 系列 E Series	Port NO	VDC	A	W	RPM	CFM	mmAq	dBA
	KF1438B12L	12	0.92	11.04	2500	191.03	5.41	49.3
	KF1438B12M	(8-14)	1.60	19.20	3000	229.23	6.49	54.5
	KF1438B12H		2.20	26.40	3500	267.44	7.57	58.5
	KF1438B24L		0.46	11.04	2500	191.03	5.41	49.3
	KF1438B24M	24	0.80	19.20	3000	229.23	6.49	54.5
	KF1438B24H	(15-27)	1.10	26.40	3500	267.44	7.57	58.5
	KF1438B24V		1.70	40.80	4000	305.64	8.65	62.4
	KF1438B48L	48	0.23	11.04	2500	191.03	5.41	49.3
	KF1438B48M	(35-57)	0.40	19.20	3000	229.23	6.49	54.5
IPXS	KF1438B48H		0.55	26.40	3500	267.44	7.57	58.5
	KF1438B48V		0.85	40.80	4000	305.64	8.65	62.4

Note:
①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

20053直流风扇

200*200*53mm

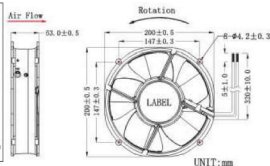
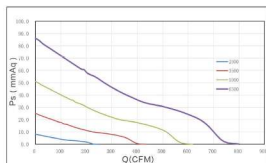
7.87*7.87*2.09 in



- Speed: 2000~6500 RPM
- Airflow: 246.96~802.63 CFM
- Pressure: 8.15~86.09 mmAq
- Noise: 47.0~71.7 dBA
- Voltage: 12V~48V
- Motor: DC brushless external rotor motor
- Frame: Aluminium
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	PanND	VDC	A	W	RPM	CFM	mmH ₂ O	dBA
FG	KF2053B12L	12	1.04	12.5	2000	246.96	8.15	32.2
RD	KF2053B12M	(8-14)	2.40	28.8	3500	432.18	12.23	24.96
RDL	KF2053B12H		4.60	55.2	5000	617.40	17.47	50.94
LD	KF2053B24L		0.52	12.5	2000	246.96	8.15	32.2
PWM	KF2053B24M	24	1.20	28.8	3500	432.18	12.23	24.96
TP	KF2053B24H	(15-27)	2.30	55.2	5000	617.40	17.47	50.94
VC	KF2053B24V		5.00	120.0	6500	802.63	22.71	86.09
RC	KF2053B48L		0.26	12.5	2000	246.96	8.15	32.2
CL	KF2053B48M	48	0.60	28.8	3500	432.18	12.23	24.96
CL	KF2053B48H	(35-57)	1.15	55.2	5000	617.40	17.47	50.94
IPXS	KF2053B48V		2.50	120.0	6500	802.63	22.71	86.09

Note:

- ①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

2060直流风扇

200*200*60mm

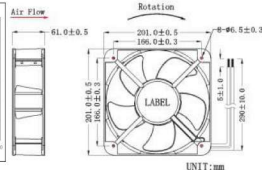
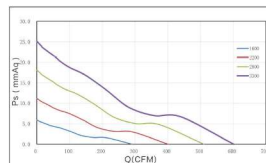
7.87*7.87*2.36 in



- Speed: 1600~3300 RPM
- Airflow: 291.79~601.82 CFM
- Pressure: 5.90~25.10 mmAq
- Noise: 42.0~61.7 dBA
- Voltage: 12V~48V
- Motor: DC brushless external rotor motor
- Frame: Aluminium
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	PanND	VDC	A	W	RPM	CFM	mmH ₂ O	dBA
FG	KF2006B12L	12	0.80	9.6	1600	291.79	8.26	5.90
RD	KF2006B12M	(7-14)	1.70	20.4	2200	401.21	11.35	11.16
RDL	KF2006B24L		0.40	9.6	1600	291.79	8.26	5.90
LD	KF2006B24M	24	0.90	21.6	2200	401.21	11.35	11.16
PWM	KF2006B24H	(15-27)	1.70	40.8	2800	510.63	14.45	18.07
TP	KF2006B24V		2.60	62.4	3300	601.82	17.03	25.10
VC	KF2006B48L		0.22	10.6	1600	291.79	8.26	5.90
RC	KF2006B48M	48	0.45	21.6	2200	401.21	11.35	11.16
CL	KF2006B48H	(30-53)	0.85	40.8	2800	510.63	14.45	18.07
IPXS	KF2006B48V		1.30	62.4	3300	601.82	17.03	25.10

Note:

- ①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

25489直流风扇

254*254*89mm

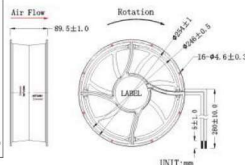
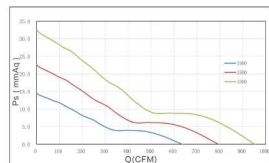
10*10*3.5 in



- Speed: 2000-3000 RPM
- Airflow: 634.74-952.12 CFM
- Pressure: 14.52-32.66 mmAq
- Noise: 55.8-66.8 dBA
- Voltage: 24V-48V
- Motor: DC brushless external rotor motor
- Frame: Aluminium
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
Part No.		VDC	A	W	RPM	CFM	mmAq	dBA
FG/RD RD/LB P/MTTR V/GR S/GR S/AS CL/PPX	KF25489B24L	24	2.00	48.0	2000	634.74	17.96	55.8
	KF25489B24M	(15-27)	3.40	81.6	2500	793.43	22.45	55.8
	KF25489B24H		4.50	108.0	3000	888.64	25.15	64.6
	KF25489B48L	48	1.00	48.0	2000	634.74	17.96	55.8
	KF25489B48M	(30-53)	1.70	81.6	2500	793.43	22.45	55.8
	KF25489B48H		2.60	124.8	3000	952.12	26.94	66.8

Note:

- ①: Reference standard: CCC GB12350-2009
- ②: Reference standard: UL
- ③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

28080直流风扇

280*280*80mm

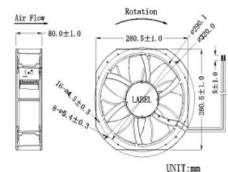
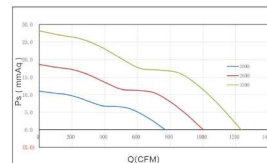
11*11*3.15 in



- Speed: 2000-3200 RPM
- Airflow: 771.69-1234.70 CFM
- Pressure: 11.02-28.22 mmAq
- Noise: 62.0-75.6 dBA
- Voltage: 24V-48V
- Motor: DC brushless external rotor motor
- Frame: Aluminium
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
Part No.		VDC	A	W	RPM	CFM	mmAq	dBA
FG/RD RD/LB P/MTTR V/GR S/GR S/AS CL/PPX	KF28080B24L	24	4.00	96.0	2000	771.69	21.84	62.0
	KF28080B24M	(15-27)	5.00	120.0	2500	1003.19	28.39	68.3
	KF28080B24H		6.20	148.8	3200	1234.70	34.94	75.6
	KF28080B48L	48	2.00	96.0	2000	771.69	21.84	62.0
	KF28080B48M	(30-53)	2.50	120.0	2500	1003.19	28.39	68.3
	KF28080B48H		3.10	148.8	3200	1234.70	34.94	75.6

Note:

- ①: Reference standard: CCC GB12350-2009
- ②: Reference standard: UL
- ③: Reference standard: TUV



DC轴流风扇 DC Axial FAN

33083直流风扇

300*300*83mm

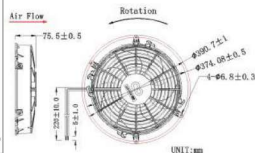
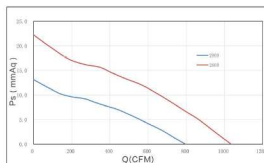
11.81*11.81*3.27 in



- Speed: 2000-2600 RPM
- Airflow: 796.61~1035.59 CFM
- Pressure: 13.17~22.25 mmAq
- Noise: 56.0~63.5 dBA
- Voltage: 12V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, LongLife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	Part NO.	VDC	A	W	RPM	CFM m³/min	mmAq in H ₂ O	dBA
标准型 STD	KF33083B12M	12 (10-14)	4.00	48.00	2000	796.61 22.54	13.17 0.52	56.0
低功耗型 LOW POWER	KF33083B24M	24	2.00	48.00	2000	796.61 22.54	13.17 0.52	56.0
高风量型 HIGH FLOW	KF33083B24H	(15-27)	3.80	91.20	2600	1035.59 29.31	22.25 0.88	63.5

Note:
 ①: Reference standard: CCC GB12350-2009
 ②: Reference standard: UL
 ③: Reference standard: TUV



DC鼓风机 DC Blower FAN

4010直流鼓风机

40*40*10mm

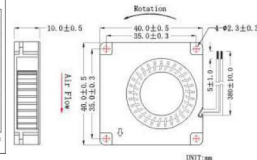
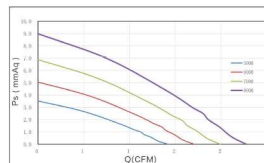
1.57*1.57*0.39 in



- Speed: 5000-8000 RPM
- Airflow: 1.42~2.27 CFM
- Pressure: 3.51~8.99 mmAq
- Noise: 28.0~34.5 dBA
- Voltage: 12V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, LongLife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE		
	Pin/NO	VDC	A	W	RPM	CFM	mmAq	dB(A)		
FG	KB4010B12L	12 (7-14)	0.03	0.36	5000	1.42	0.04	3.51	0.14	28.0
	0.05		0.60	6000	1.70	0.05	5.06	0.20	29.5	
	0.07		0.84	7000	1.99	0.06	6.88	0.27	32.5	
PWM	KB4010B12V		0.09	1.08	8000	2.27	0.06	8.99	0.35	34.5
HS	KB4010B24L	24 (15-27)	0.02	0.48	5000	1.42	0.04	3.51	0.14	28.0
	0.03		0.72	6000	1.70	0.05	5.06	0.20	29.5	
	0.04		0.96	7000	1.99	0.06	6.88	0.27	32.5	
IPX5	KB4010B24V		0.05	1.20	8000	2.27	0.06	8.99	0.35	34.5

Note:
 ①: Reference standard: CCC GB12350-2009
 ②: Reference standard: UL
 ③: Reference standard: TUV



DC鼓风机 DC Blower FAN

5010直流鼓风机

50*50*10mm

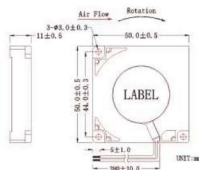
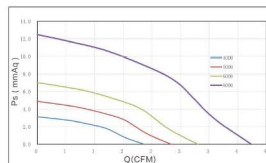
1.97*1.97*0.39 in



- Speed: 4000~8000 RPM
- Airflow: 1.87~3.74 CFM
- Pressure: 3.12~12.48 mmAq
- Noise: 24.4~40.0 dBA
- Voltage: 05V~12V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P & Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
无功能 None	KB5010B05L	5VDC	0.07	0.4	4000	1.87	3.12	24.4
FG	KB5010B05M	5 (3.5-5.5)	0.12	0.6	5000	2.34	4.87	27.1
RD	KB5010B05H		0.16	0.8	6000	2.80	7.02	28.2
PWM	KB5010B05V		0.28	1.4	8000	3.74	12.48	40.0
CP	KB5010B12M	12 (7-14)	0.05	0.6	5000	2.34	4.87	27.1
AS	KB5010B12H		0.07	0.8	6000	2.80	7.02	28.2
IPXS	KB5010B12V		0.12	1.4	8000	3.74	12.48	40.0

Note:
①- Reference standard: CCC GB12350-2009
②- Reference standard: UL
③- Reference standard: TUV



DC鼓风机 DC Blower FAN

5015直流鼓风机

50*50*15mm

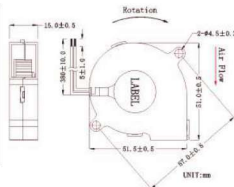
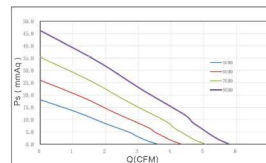
1.97*1.97*0.59 in



- Speed: 5000~8000 RPM
- Airflow: 3.61~5.78 CFM
- Pressure: 18.07~46.26 mmAq
- Noise: 32.0~43.0 dBA
- Voltage: 12V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P & Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
无功能 None	KB5015B12L	12VDC	0.08	1.0	5000	3.61	18.07	32.0
FG	KB5015B12M	12 (7-14)	0.12	1.4	6000	4.34	26.02	36.3
RD	KB5015B12H		0.22	2.6	7000	5.06	35.42	39.9
PWM	KB5015B12V		0.30	3.6	8000	5.78	46.26	43.0
CP	KB5015B24L	24 (15-27)	0.04	1.0	5000	3.61	18.07	32.0
AS	KB5015B24M		0.06	1.4	6000	4.34	26.02	36.3
IPXS	KB5015B24H		0.12	2.9	7000	5.06	35.42	39.9
	KB5015B24V		0.16	3.8	8000	5.78	46.26	43.0

Note:
①- Reference standard: CCC GB12350-2009
②- Reference standard: UL
③- Reference standard: TUV



DC鼓风机 DC Blower FAN

5020直流鼓风机

50*50*20mm

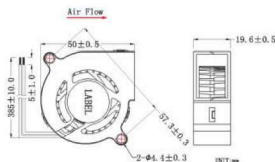
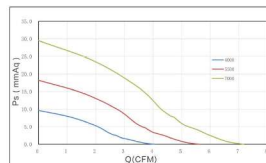
1.97*1.97*0.79 in



- Speed: 4000~7000 RPM
- Airflow: 4.09~7.16 CFM
- Pressure: 9.63~29.50 mmAq
- Noise: 32.7~41.8 dBA
- Voltage: 12V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIR FLOW	风压 PRESSURE	噪音 NOISE
FG	KB5020B12L	12VDC	0.05	0.6	4000	4.09 0.12	9.63 0.38	32.7
RD	KB5020B12M	7-14V	0.11	1.3	5500	5.63 0.16	18.21 0.72	37.2
PWM	KB5020B12H		0.22	2.6	7000	7.16 0.20	29.50 1.16	41.8
RP	KB5020B24L	24V (15-27V)	0.03	0.7	4000	4.09 0.12	9.63 0.38	32.7
AS	KB5020B24M		0.06	1.4	5500	5.63 0.16	18.21 0.72	37.2
IPXS	KB5020B24H		0.12	2.9	7000	7.16 0.20	29.50 1.16	41.8

Note:
①- Reference standard: CCC GB12350-2009
②- Reference standard: UL
③- Reference standard: TUV



DC鼓风机 DC Blower FAN

6025直流鼓风机

60*60*25mm

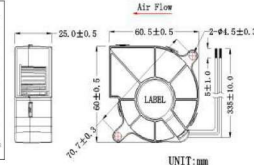
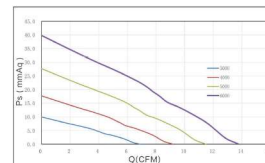
2.36*2.36*0.98 in



- Speed: 3000~6000 RPM
- Airflow: 6.89~13.78 CFM
- Pressure: 9.95~39.81 mmAq
- Noise: 33.4~45.3 dBA
- Voltage: 12V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIR FLOW	风压 PRESSURE	噪音 NOISE
FG	KB6025B12L	12VDC (7-14V)	0.08	0.96	3000	6.89 0.20	9.95 0.39	33.4
RD	KB6025B12M		0.14	1.68	4000	9.19 0.26	17.69 0.70	37.3
PWM	KB6025B12H		0.30	3.60	5000	11.49 0.33	27.64 1.09	40.6
RP	KB6025B12V	24V (15-27V)	0.50	6.00	6000	13.78 0.39	39.81 1.57	45.3
AS	KB6025B24L		0.04	0.96	3000	6.89 0.20	9.95 0.39	33.4
SS	KB6025B24M		0.07	1.68	4000	9.19 0.26	17.69 0.70	37.3
IPXS	KB6025B24H		0.15	3.60	5000	11.49 0.33	27.64 1.09	40.6
	KB6025B24V		0.25	6.00	6000	13.78 0.39	39.81 1.57	45.3

Note:
①- Reference standard: CCC GB12350-2009
②- Reference standard: UL
③- Reference standard: TUV



DC鼓风机 DC Blower FAN

7530直流鼓风机

75*75*30mm

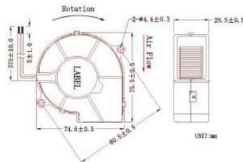
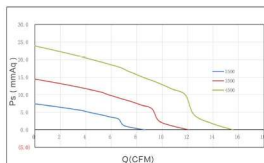
2.95*2.95*1.18 in



- Speed: 2500~4500 RPM
- Airflow: 8.64~15.6 CFM
- Pressure: 7.38~23.91 mmAq
- Noise: 30.8~46.4 dBA
- Voltage: 12V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE		
	PartNo	VDC	A	W	RPM	GPM AIR/LOW	mmHg IN/OUT	dBA		
FG	KB7530B12L	12	0.07	0.8	2500	8.64	0.24	7.38	29	30.8
RD	KB7530B12M	(7-14)	0.20	2.4	3500	12.1	0.34	14.46	0.57	38.0
AS	KB7530B12H		0.45	5.4	4500	15.6	0.44	23.91	0.94	46.4
RP	KB7530B24L	24	0.04	1.0	2500	8.64	0.24	7.38	29	30.8
AS	KB7530B24M	(15-27)	0.10	2.4	3500	12.1	0.34	14.46	0.57	38.0
IPXS	KB7530B24H		0.22	5.3	4500	15.6	0.44	23.91	0.94	46.4

Note:

- ①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC鼓风机 DC Blower FAN

9733直流鼓风机

97*97*33mm

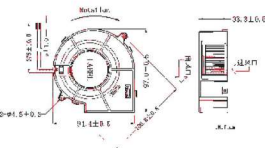
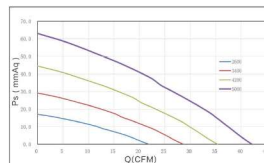
3.82*3.82*1.3 in



- Speed: 2600~5000 RPM
- Airflow: 21.90~42.11 CFM
- Pressure: 17.06~63.09 mmAq
- Noise: 39.0~53.2 dBA
- Voltage: 12V~48V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 FUNCTIONS	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE		
	PartNo.	VDC	A	W	RPM	CFM or m³/min	mmHg or kPa	dB(A)		
无刷 BLDC	KB9733B12L	12 (7-14)	0.38	4.6	2600	21.90	0.62	17.06	0.67	39.0
有刷 DC	KB9733B12M		0.70	8.4	3400	28.63	0.81	29.17	1.15	45.2
有刷 PWM	KB9733B12H		1.10	13.2	4200	35.37	1.00	44.52	1.75	52.0
有刷 VC	KB9733B12V		1.80	21.6	5000	42.11	1.19	63.09	2.48	56.2
有刷 RC	KB9733B24L	24 (15-27)	0.18	4.3	2600	21.90	0.62	17.06	0.67	39.0
有刷 CS	KB9733B24M		0.35	8.4	3400	28.63	0.81	29.17	1.15	45.2
有刷 AS	KB9733B24H		0.56	13.4	4200	35.37	1.00	44.52	1.75	52.0
有刷 RP	KB9733B24V		0.90	21.6	5000	42.11	1.19	63.09	2.48	56.2
有刷 S/S	KB9733B48L	48 (35-57)	0.10	4.8	2600	21.90	0.62	17.06	0.67	39.0
有刷 CL	KB9733B48M		0.18	8.6	3400	28.63	0.81	29.17	1.15	45.2
有刷 IPXS	KB9733B48H		0.28	13.4	4200	35.37	1.00	44.52	1.75	52.0
	KB9733B48V		0.45	21.6	5000	42.11	1.19	63.09	2.48	56.2

Note:

- ①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC鼓风机 DC Blower FAN

12032直流鼓风机

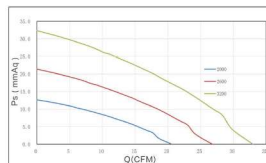
120*120*32mm

4.72*4.72*1.26 in

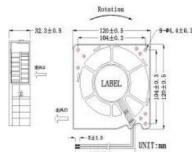


- Speed: 2000~3200 RPM
- Airflow: 20.63~33.01 CFM
- Pressure: 12.64~32.37 mmAq
- Noise: 42.2~52.0 dBA
- Voltage: 12V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve



■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE		
	PartNo	VDC	A	W	RPM	GPM at 1m	mmHg at 1FO	dB(A)		
无刷 BLDC	KB1232B12L	12	0.20	2.40	2000	20.63	0.58	12.64	0.50	42.2
有刷 RD	KB1232B12M	(7-14)	0.48	5.76	2600	26.82	0.76	21.37	0.84	49.7
有刷 RD	KB1232B12H		1.00	12.00	3200	33.01	0.93	32.37	1.27	52.0
有刷 RP	KB1232B24L	24	0.10	2.40	2000	20.63	0.58	12.64	0.50	42.2
有刷 AS	KB1232B24M	(15-27)	0.24	5.76	2600	26.82	0.76	21.37	0.84	49.7
有刷 IPXS	KB1232B24H		0.50	12.00	3200	33.01	0.93	32.37	1.27	52.0

Note:

- ①: Reference standard: CCC GB12350-2009
- ②: Reference standard: UL
- ③: Reference standard: TUV



DC离心风机 DC Centrifugal FAN

10025直流离心风机

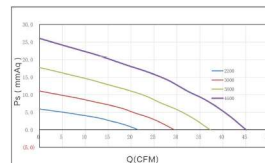
Φ100*25mm

Φ 3.94*0.98 in

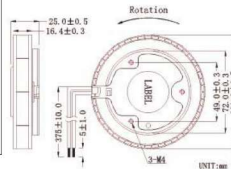


- Speed: 2200~4600 RPM
- Airflow: 21.58~45.12 CFM
- Pressure: 5.95~26.02 mmAq
- Noise: 30.6~55.8 dBA
- Voltage: 12V~24V
- Motor: DC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve



■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE		
	Part No.	VDC	A	W	RPM	CFM	m³/min	mmHg	in/H ₂ O	dBA
RP AS SS FG RD	KB1025B12L	12 (7-14)	0.10	1.20	2200	21.58	0.61	5.95	0.23	30.6
	KB1025B12M		0.22	2.64	3000	29.43	0.83	11.07	0.44	37.1
	KB1025B12H		0.35	4.20	3800	37.27	1.05	17.76	0.70	48.2
	KB1025B12V		0.60	7.20	4600	45.12	1.28	26.02	1.02	55.8
PWM IPXS	KB1025B24L	24 (15-27)	0.05	1.20	2200	21.58	0.61	5.95	0.23	30.6
	KB1025B24M		0.11	2.64	3000	29.43	0.83	11.07	0.44	37.1
	KB1025B24H		0.18	4.32	3800	37.27	1.05	17.76	0.70	48.2
	KB1025B24V		0.30	7.20	4600	45.12	1.28	26.02	1.02	55.8

Note:

- ①: Reference standard: CCC GB12350-2009
- ②: Reference standard: UL
- ③: Reference standard: TUV



DC离心风机DC Centrifugal FAN

190直流离心风机

Φ 190*78mm

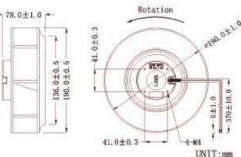
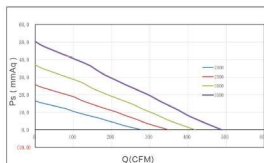
Φ 7.48*3.07 in



- Speed: 2000~3500 RPM
- Airflow: 279.19~488.59 CFM
- Pressure: 16.43~50.31 mmAq
- Noise: 42.0~72.0 dBA
- Voltage: 12V~48V
- Motor: DC brushless external rotor motor
- Frame: Aluminium
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
Part NO.		VDC	A	W	RPM	CFM	mmAq	dBA
FG	K1190B12L	12 (8-14)	1.68	20.16	2000	279.19	7.90	16.43 0.65 42.0
RD	K1190B12M		3.20	38.40	2500	348.99	9.88	25.67 1.01 52.0
RCL	K1190B12H		5.12	61.44	3000	418.79	11.85	36.96 1.46 62.0
PWM	K1190B24L		0.84	20.16	2000	279.19	7.90	16.43 0.65 42.0
VC	K1190B24M	24 (15-27)	1.60	38.40	2500	348.99	9.88	25.67 1.01 52.0
RCL	K1190B24H		2.56	61.44	3000	418.79	11.85	36.96 1.46 62.0
CS	K1190B24V		4.20	100.80	3500	488.59	13.83	50.31 1.98 72.0
RP	K1190B48L		0.42	20.16	2000	279.19	7.90	16.43 0.65 42.0
SS	K1190B48M	48 (35-57)	0.80	38.40	2500	348.99	9.88	25.67 1.01 52.0
AS	K1190B48H		1.28	61.44	3000	418.79	11.85	36.96 1.46 62.0
CL	K1190B48V		2.10	100.80	3500	488.59	13.83	50.31 1.98 72.0
IPX8	K1190B48V		2.10	100.80	3500	488.59	13.83	50.31 1.98 72.0

Note:
①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



DC离心风机DC Centrifugal FAN

22075直流离心风机

Φ 220*75mm

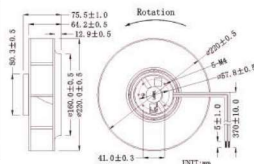
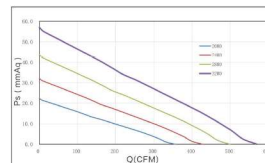
Φ 8.66*2.95 in



- Speed: 2000~3200 RPM
- Airflow: 356.55~570.47 CFM
- Pressure: 22.29~57.06 mmAq
- Noise: 45.0~76.0 dBA
- Voltage: 24V~48V
- Motor: DC brushless external rotor motor
- Frame: Aluminium
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
Part NO.		VDC	A	W	RPM	CFM	mmAq	dBA
FG	K1220B24L	24 (15-27)	1.40	33.6	2000	356.55	10.09	22.29 0.88 45.0
RD	K1220B24M		2.40	57.6	2400	427.85	12.11	32.09 1.26 56.6
RCL	K1220B24H		3.20	76.8	2800	499.16	14.13	43.68 1.72 70.5
PWM	K1220B24V		4.60	110.4	3200	570.47	16.14	57.06 2.25 76.0
VC	K1220B48L	48 (30-57)	0.70	33.6	2000	356.55	10.09	22.29 0.88 45.0
RCL	K1220B48M		1.20	57.6	2400	427.85	12.11	32.09 1.26 56.6
CS	K1220B48H		1.60	76.8	2800	499.16	14.13	43.68 1.72 70.5
RP	K1220B48V		2.30	110.4	3200	570.47	16.14	57.06 2.25 76.0

Note:
①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



22599直流离心风机

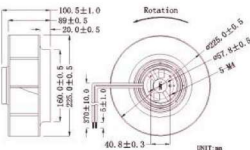
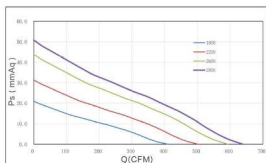
Φ225*99mm

Φ8.86*3.9 in



- Speed:1800~2800 RPM
- Airflow:411.11~639.50 CFM
- Pressure:20.98~50.76 mmAq
- Noise:42.5~72.5 dBA
- Voltage:24V~48V
- Motor: DC brushless external rotor motor
- Frame:Aluminium
- Impeller:PBT
- Bearing System: 2 Ball,Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature:~10℃~70℃

- PO曲线 P&O Curve



可测功能 Functions	产品型号 MODEL	工作电压 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	PartNo.	VDC	A	W	RPM	CFM m³/min	mmHg in.H ₂ O	dB(A)
FG PMH	K1225B24L		1.30	31.2	1800	411 11.1	26.96 0.83	42.5
FG PMH	K1225B24H	(24-27)	2.20	52.8	2200	502.7 14.22	31.34 1.23	55.0
FG PMH	K1225B24V	15-20	3.40	81.6	2600	593.8 16.81	43.77 1.72	68.2
FG PMH	K1225B40L		4.50	110.4	2800	639.1 18.10	50.76 2.00	72.5
FG PMH	K1225B48L		0.65	31.2	1800	411 11.1	26.96 0.83	42.5
FG PMH	K1225B48H	48	1.10	52.8	2200	502.7 14.22	31.34 1.23	55.0
FG PMH	K1225B48V	(30-57)	1.70	81.6	2600	593.8 16.81	43.77 1.72	68.2
FG PMH	K1225B48V		2.30	110.4	2800	639.5 18.10	50.76 2.00	72.5

Note:

①-Reference standard: CCC GB12350-2009
②-Reference standard: UL
③-Reference standard: TUV



25099直流离心风机

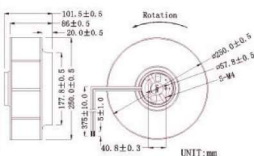
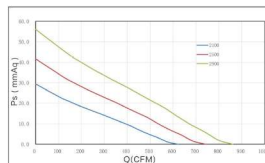
Φ250*99mm

Φ9.84*3.9 in



- Speed:2100~2900 RPM
- Airflow:623.06~860.41 CFM
- Pressure:29.43~56.13 mmAq
- Noise:62.3~72.2 dBA
- Voltage:24V~48V
- Motor: DC brushless external rotor motor
- Frame:Aluminium
- Impeller:PBT
- Bearing System: 2 Ball,Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature:~10℃~70℃

- PO曲线 P&O Curve



可测功能 Functions	产品型号 MODEL	工作电压 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE		
	PartNo.	VDC	A	W	RPM	CFM / m³/min	mmAq	In/FO	dB(A)	
RC FD-100 85 100 125 150 175 200 225 250 275 300 325 350 375 400 425 450 475 500 525 550 575 600 625 650 675 700 725 750 775 800 825 850 875 900 925 950 975 1000	KI250B824L	24	2.40	57.6	2100	623.06	17.63	29.43	1.16	62.3
	KI250B828M	(15~27)	2.40	57.6	2500	741.14	20.99	41.71	1.61	67.0
	KI250B824H		2.00	144	2500	860.41	23.35	56.13	2.21	72.2
	KI250B848L		1.20	57.6	2100	623.06	17.63	29.43	1.16	62.3
	KI250B848M	(10~37)	2.00	96.0	2500	741.73	20.99	41.71	1.61	67.0
	KI250B848H		2.90	139.2	2500	860.41	24.35	56.13	2.21	72.2

Note:

①-Reference standard: CCC GB12350-2009
②-Reference standard: UL
③-Reference standard: TUV



DC离心风机 DC Centrifugal FAN

280直流离心风机

Φ280*105mm

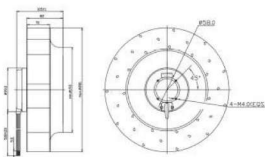
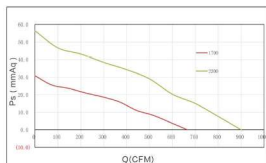
Φ11*4.13 in



- Speed: 1700~2300 RPM
- Airflow: 665.73~900.70 CFM
- Pressure: 30.82~56.41 mmAq
- Noise: 70.0~75.0 dBA
- Voltage: 24V~48V
- Motor: DC brushless external rotor motor
- Frame: Aluminum
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	额定电流 CURRENT	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
Part NO.		VDC	A	W	RPM	CFM	mmHg	dBA
UL R10 NP	KI280B24M	24	4.60	110.4	1700	665.73	18.84	70.0
UL R10 NP	KI280B24H	(15~27)	6.40	153.6	2300	900.70	25.49	75.0
UL R10 NP	KI280B48M	48	2.30	110.4	1700	665.73	18.84	70.0
UL R10 NP	KI280B48H	(35~57)	3.20	153.6	2300	900.70	25.49	75.0

Note:
①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



EC轴流风扇 EC(AC TO DC)FAN

6025交流风扇

60*60*25mm

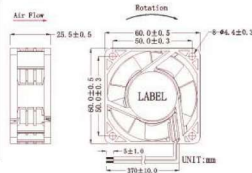
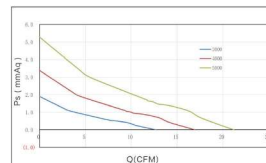
2.36*2.36*0.98 in



- Speed: 3000~5000 RPM
- Airflow: 12.72~21.29 CFM
- Pressure: 1.90~5.28 mmAq
- Noise: 24.0~35.4 dBA
- Voltage: 220V
- Motor: EC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C
- Weight: 55g

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	工作频率 FREQUENCY	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
Part NO.		VAC	Hz	W	RPM	CFM	mmHg	dBA
AS IPX5	KF6025B22L	220	50~400	1.0	3000	12.72	0.36	1.90
	KF6025B22M	(85~240)	50~400	1.4	4000	16.96	0.48	3.38
	KF6025B22H		50~400	2.4	5000	21.29	0.60	5.28

Note:
①: Reference standard: CCC GB12350-2009
②: Reference standard: UL
③: Reference standard: TUV



EC轴流风扇 EC(AC TO DC)FAN

6038交流风扇

60*60*38mm

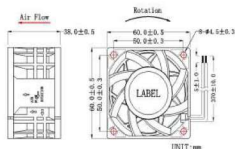
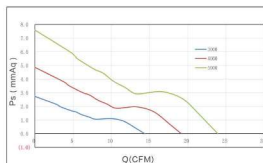
2.36*2.36*1.5 in



- Speed: 3000-5000 RPM
- Airflow: 14.37-23.94 CFM
- Pressure: 2.73-7.59 mmAq
- Noise: 27.4-33.5 dBA
- Voltage: 220V
- Motor: EC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C
- Weight: 55g

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	工作频率 FREQUENCY	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	Part No.	VAC	Hz	W	RPM	CFM	mmAq	dBA
AS IPXS	KF6038B22L	220 (85-240)	50-400	0.8	3000	14.37	0.41	27.4
	KF6038B22M		50-400	1.4	4000	19.16	0.54	30.9
	KF6038B22H		50-400	2.5	5000	23.94	0.68	33.5

Note:
①: Reference standard: CCC GB12150-2009
②: Reference standard: UL
③: Reference standard: TUV



EC轴流风扇 EC(AC TO DC)FAN

8025交流风扇

80*80*25mm

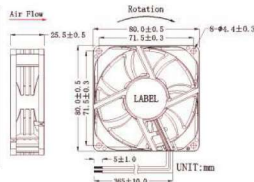
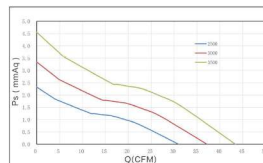
3.15*3.15*0.98 in



- Speed: 2500-3500 RPM
- Airflow: 31.00-43.39 CFM
- Pressure: 2.32-4.55 mmAq
- Noise: 29.5-35.1 dBA
- Voltage: 220V
- Motor: EC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C
- Weight: 58g

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	工作频率 FREQUENCY	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	Part No.	VAC	Hz	W	RPM	CFM	mmAq	dBA
AS IPXS	KF8025B22L	220 (85-240)	50-400	1.1	2500	31.00	0.88	29.5
	KF8025B22M		50-400	2.0	3000	37.20	1.05	33.1
	KF8025B22H		50-400	2.4	3500	43.39	1.23	35.1

Note:
①: Reference standard: CCC GB12150-2009
②: Reference standard: UL
③: Reference standard: TUV



EC轴流风扇 EC(AC TO DC)FAN

8038交流风扇

80*80*38mm

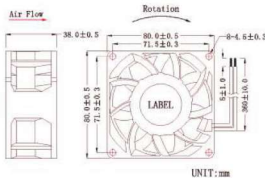
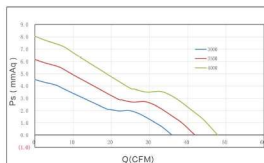
3.15*3.15*1.5 in



- Speed: 3000~4000 RPM
- Airflow: 35.90~47.86 CFM
- Pressure: 4.52~8.04 mmAq
- Noise: 33.3~41.0 dBA
- Voltage: 220V
- Motor: EC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C
- Weight: 180g

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	工作频率 FREQUENCY	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	Part No.	VAC	Hz	W	RPM	CFM	mmAq	dB(A)
AS IPXS	KF8038B22L	220 (85-240)	50-400	2.5	3000	35.90	1.02	4.52
	KF8038B22M		50-400	3.0	3500	41.88	1.19	6.16
	KF8038B22H		50-400	3.5	4000	47.86	1.35	8.04

Note:

- ①: Reference standard: CCC GB12150-2009
②: Reference standard: UL
③: Reference standard: TUV



EC轴流风扇 EC(AC TO DC)FAN

9225交流风扇

92*92*25mm

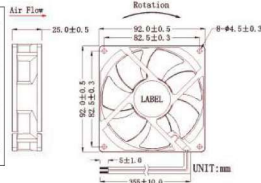
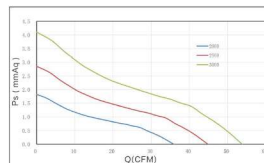
3.62*3.62*0.98 in



- Speed: 2000~3000 RPM
- Airflow: 35.92~53.89 CFM
- Pressure: 1.82~4.11 mmAq
- Noise: 29.0~35.7 dBA
- Voltage: 220V
- Motor: EC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C
- Weight: 120g

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	工作频率 FREQUENCY	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	Part No.	VAC	Hz	W	RPM	CFM	mmAq	dB(A)
AS IPXS	KF9225B22L	220 (85-240)	50-400	0.9	2000	35.92	1.02	1.82
	KF9225B22M		50-400	1.5	2500	44.90	1.27	2.85
	KF9225B22H		50-400	2.5	3000	53.89	1.53	4.11

Note:

- ①: Reference standard: CCC GB12150-2009
②: Reference standard: UL
③: Reference standard: TUV



EC轴流风扇 EC(AC TO DC)FAN

9238交流风扇

92*92*38mm

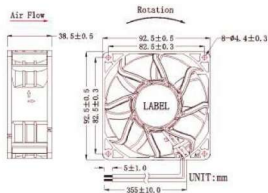
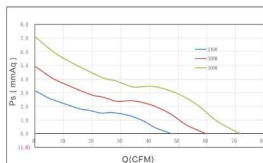
3.62*3.62*1.5 in



- Speed: 2400~3600 RPM
- Airflow: 47.74~71.61 CFM
- Pressure: 3.16~7.10 mmAq
- Noise: 32.6~37.1 dBA
- Voltage: 220V
- Motor: EC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C
- Weight: 198g

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	工作频率 FREQUENCY	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE		
	Part NO.	VAC	Hz	W	RPM	CFM	m³/min	mmAq	in H ₂ O	dBA
AS IPXS	KF9238B22L	220 (85~240)	50~400	2.5	2400	47.74	1.35	3.16	0.12	32.6
	KF9238B22M		50~400	3.2	3000	59.67	1.69	4.93	0.19	35.5
	KF9238B22H		50~400	3.8	3600	71.61	2.03	7.10	0.28	37.1

Note:
①: Reference standard: CCC GB12590-2009
②: Reference standard: UL
③: Reference standard: TUV



EC轴流风扇 EC(AC TO DC)FAN

1238交流风扇

120*120*38mm

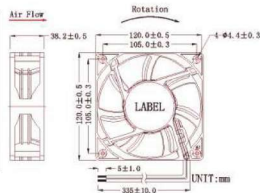
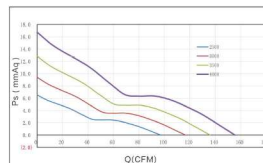
4.72*4.72*1.5 in



- Speed: 2500~4000 RPM
- Airflow: 97.16~155.45 CFM
- Pressure: 6.54~16.74 mmAq
- Noise: 40.0~50.5 dBA
- Voltage: 220V
- Motor: EC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	工作频率 FREQUENCY	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE		
	Part No.	VAC	Hz	W	RPM	CFM	m³/min	mmHg	in H ₂ O	dBA
FG	KF1238B11L	110	50~400	4.0	2500	97.16	2.75	6.54	0.26	40.0
RD	KF1238B11M	(85~130)	50~400	7.0	3000	116.59	3.30	9.42	0.37	44.5
SS	KF1238B11H		50~400	10.5	3500	136.02	3.85	12.82	0.50	48.0
AS	KF1238B22L	220	50~400	4.0	2500	97.16	2.75	6.54	0.26	40.0
PWM	KF1238B22M	(150~240)	50~400	7.0	3000	116.59	3.30	9.42	0.37	44.5
IPXS	KF1238B22H		50~400	10.5	3500	136.02	3.85	12.82	0.50	48.0
	KF1238B22V		50~400	15.0	4000	155.45	4.40	16.74	0.66	50.5

Note:
①: Reference standard: CCC GB12590-2009
②: Reference standard: UL
③: Reference standard: TUV



EC轴流风扇 EC(AC TO DC)FAN

1238交流风扇

120*120*38mm

4.72*4.72*1.5 in

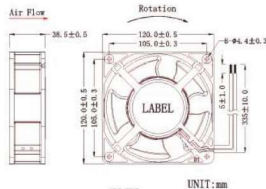
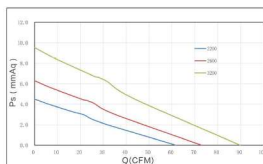
B
系列



- Speed: 2200~3200 RPM
- Airflow: 61.75~89.82 CFM
- Pressure: 4.51~9.54 mmAq
- Noise: 33.0~45.0 dBA
- Voltage: 220V
- Motor: EC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	工作频率 FREQUENCY	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	Part No.	VAC	Hz	W	RPM	CFM	mmHg	dBA
AS IPXS	KF1238B22L	220 (85-240)	50-400	4.0	2200	61.75	1.75	4.51
	KF1238B22M		50-400	7.0	2600	72.98	2.07	6.30
	KF1238B22H		50-400	10.5	3200	89.82	2.54	9.54

Note:
①: Reference standard: CCC GB12550-2009
②: Reference standard: UL
③: Reference standard: TUV



EC轴流风扇 EC(AC TO DC)FAN

15050交流风扇

150*150*50mm

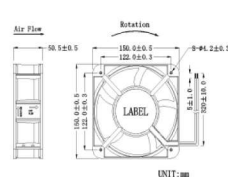
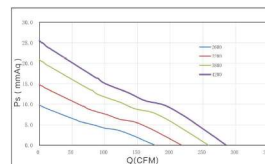
5.91*5.91*1.97 in



- Speed: 2600~4200 RPM
- Airflow: 176.98~285.89 CFM
- Pressure: 9.78~25.52 mmAq
- Noise: 46.0~58.2 dBA
- Voltage: 220V
- Motor: EC brushless external rotor motor
- Frame: Aluminium
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	工作频率 FREQUENCY	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
	Part No.	VAC	Hz	W	RPM	CFM	mmHg	dBA
FG RD RDL	KF1550B11L	110 (85-130)	50-400	10.0	2600	176.98	5.01	9.78
	KF1550B11M		50-400	14.0	3200	217.82	6.16	14.82
	KF1550B11H		50-400	21.5	3800	258.66	7.32	20.89
S-S AS PWM IPXS	KF1550B22L	220 (100-240)	50-400	10.0	2600	176.98	5.01	9.78
	KF1550B22M		50-400	14.0	3200	217.82	6.16	14.82
	KF1550B22H		50-400	21.5	3800	258.66	7.32	20.89
	KF1550B22V		50-400	25.0	4200	285.89	8.09	25.52

Note:
①: Reference standard: CCC GB12550-2009
②: Reference standard: UL
③: Reference standard: TUV



EC轴流风扇 EC(AC TO DC)FAN

17251交流风扇

172*150*51mm

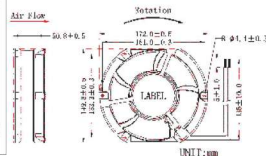
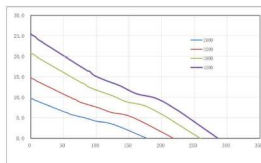
6.77*7.91*2 in



- Speed: 2600~4200 RPM
- Airflow: 176.98~285.89 CFM
- Pressure: 9.78~25.52 mmAq
- Noise: 46.0~58.2 dBA
- Voltage: 220V
- Motor: EC brushless external rotor motor
- Frame: Aluminium
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	工作频率 FREQUENCY	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE		
	Part No.	VAC	Hz	W	RPM	CFM	mmHg	dBA		
FG RD SS AS PWM IPXS	KF1751B11L	110	50~400	10.0	2600	176.98	9.78	0.39	46.0	
	KF1751B11M	(85-130)	50~400	14.0	3200	217.82	6.16	14.82	0.58	50.0
	KF1751B11H	220	50~400	21.5	3800	258.66	7.32	20.89	0.82	56.0
	KF1751B22L	220	50~400	10.0	2600	176.98	9.78	0.39	46.0	
	KF1751B22M	(100-240)	50~400	14.0	3200	217.82	6.16	14.82	0.58	50.0
	KF1751B22H	220	50~400	21.5	3800	258.66	7.32	20.89	0.82	56.0
	KF1751B22V	(150-240)	50~400	25.0	4200	285.89	8.09	25.52	1.00	58.2

Note:
①: Reference standard: CCC GB12190-2009
②: Reference standard: UL
③: Reference standard: TUV



EC轴流风扇 EC(AC TO DC)FAN

20060交流风扇

200*200*60mm

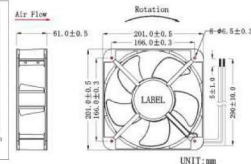
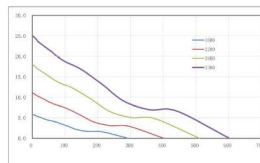
7.87*7.87*2.36 in



- Speed: 1600~3300 RPM
- Airflow: 291.79~601.82 CFM
- Pressure: 5.90~25.10 mmAq
- Noise: 42.0~61.7 dBA
- Voltage: 220V
- Motor: EC brushless external rotor motor
- Frame: Aluminium
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	工作频率 FREQUENCY	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE	
FG RD SS AS PWM IPXS	Part No.	VAC	Hz	W	RPM	CFM	mmHg	dBA	
	KF2060B11L	110	50~400	13.0	1600	291.79	8.26	5.90	0.23
	KF2060B11M	(85-130)	50~400	20.0	2200	401.21	11.35	11.16	0.44
	KF2060B11H	220	50~400	42.0	2800	510.63	14.45	18.07	0.71
	KF2060B22L	220	50~400	13.0	1600	291.79	8.26	5.90	0.23
	KF2060B22M	(150-240)	50~400	20.0	2200	401.21	11.35	11.16	0.44
	KF2060B22H	220	50~400	42.0	2800	510.63	14.45	18.07	0.71
	KF2060B22V	220	50~400	56.0	3300	601.82	17.03	25.10	0.99

Note:
①: Reference standard: CCC GB12190-2009
②: Reference standard: UL
③: Reference standard: TUV



EC轴流风扇 EC(AC TO DC)FAN

28080交流风扇

Φ280*80mm

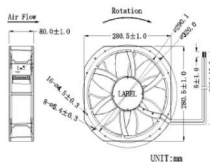
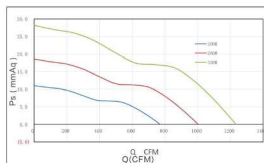
Φ11*3.15 in



- Speed: 2000~3200 RPM
- Airflow: 771.69~1234.70 CFM
- Pressure: 11.02~28.22 mmAq
- Noise: 62.0~75.6 dBA
- Voltage: 220V
- Motor: EC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	工作频率 FREQUENCY	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
Part No.		VAC	Hz	W	RPM	CFM	mmAq	dBA
FG RDL	KF28080B11L	110 (85-130)	50-400	95.0	2000	771.69	21.84	11.02
VS	KF28080B11M		50-400	120.0	2600	1003.19	28.39	18.63
AS IPX5	KF28080B11H		50-400	150.0	3200	1234.70	34.94	28.22
	KF28080B22L	220 (150-240)	50-400	95.0	2000	771.69	21.84	11.02
	KF28080B22M		50-400	120.0	2600	1003.19	28.39	18.63
	KF28080B22H		50-400	150.0	3200	1234.70	34.94	28.22

Note:

①: Reference standard: CCC GB12150-2009

②: Reference standard: UL

③: Reference standard: TUV



EC离心风扇 EC Centrifugal FAN

133交流风扇

Φ133*91mm

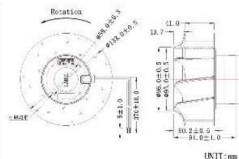
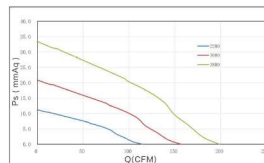
Φ5.24*3.58 in



- Speed: 2200~3800 RPM
- Airflow: 86.74~198.74 CFM
- Pressure: 11.22~33.47 mmAq
- Noise: 47.0~65.0 dBA
- Voltage: 220V
- Motor: EC brushless external rotor motor
- Frame: PBT
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	工作频率 FREQUENCY	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
Part No.		VAC	Hz	W	RPM	CFM	mmAq	dBA
FG RDL	KI133B11L	110 (85-130)	50-400	10.0	2200	115.06	3.26	11.22
VS	KI133B11M		50-400	18.0	3000	156.90	4.44	20.86
AS IPX5	KI133B11H		50-400	32.0	3800	198.74	5.62	33.47
	KI133B22L	220 (150-240)	50-400	10.0	2200	115.06	3.26	11.22
	KI133B22M		50-400	18.0	3000	156.90	4.44	20.86
	KI133B22H		50-400	32.0	3800	198.74	5.62	33.47

Note:

①: Reference standard: CCC GB12150-2009

②: Reference standard: UL

③: Reference standard: TUV



EC离心风扇 EC Centrifugal FAN

175交流风扇

Φ 175*70mm

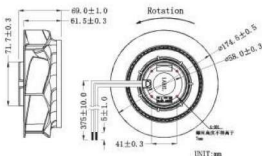
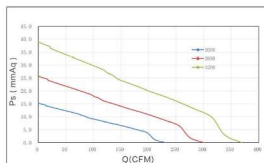
Φ 6.89*2.76 in



- Speed: 2000~3200 RPM
- Airflow: 230.60~368.96 CFM
- Pressure: 15.23~38.99 mmAq
- Noise: 40.3~62.5 dBA
- Voltage: 220V
- Motor: EC brushless external rotor motor
- Frame: Aluminium
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	工作频率 FREQUENCY	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE		
	Part No.	VAC	Hz	W	RPM	CFM	mmHg	dBA		
FG RD FC AS PVM IPXS	KI175B11L	110	50~400	13.5	2000	230.60	6.53	15.23	0.60	40.3
	KI175B11M	(85-130)	50~400	28.0	2600	299.78	8.48	25.74	1.01	57.4
	KI175B11H	(85-130)	50~400	50.0	3200	368.96	10.44	38.99	1.54	62.5
	KI175B22L	220	50~400	13.5	2000	230.60	6.53	15.23	0.60	40.3
	KI175B22M	(110-240)	50~400	28.0	2600	299.78	8.48	25.74	1.01	57.4
	KI175B22H	(150-240)	50~400	50.0	3200	368.96	10.44	38.99	1.54	62.5

Note:
①: Reference standard: CCC GB12550-2009
②: Reference standard: UL
③: Reference standard: TUV



EC离心风扇 EC Centrifugal FAN

190交流风扇

Φ 190*78mm

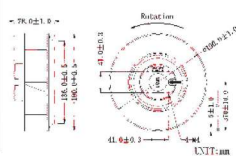
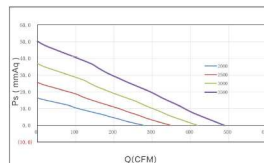
Φ 7.48*3.07 in



- Speed: 2000~3500 RPM
- Airflow: 279.19~488.59 CFM
- Pressure: 16.43~50.31 mmAq
- Noise: 42.0~72.0 dBA
- Voltage: 220V
- Motor: EC brushless external rotor motor
- Frame: Aluminium
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

■ PQ曲线 P&Q Curve

■ 尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	工作频率 FREQUENCY	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE		
FG RD FC AS PVM IPXS	Part No.	VAC	Hz	W	RPM	CFM	mmHg	dBA		
	KI190B11L	110	50~400	21.00	2000	279.19	7.90	16.43	0.65	42.0
	KI190B11M	(85-130)	50~400	40.00	2500	348.99	9.88	25.67	1.01	52.0
	KI190B11H	(85-130)	50~400	62.00	3000	418.79	11.85	36.96	1.46	62.0
	KI190B22L	220	50~400	21.00	2000	279.19	7.90	16.43	0.65	42.0
	KI190B22M	(110-240)	50~400	40.00	2500	348.99	9.88	25.67	1.01	52.0
	KI190B22H	(110-240)	50~400	62.00	3000	418.79	11.85	36.96	1.46	62.0
	KI190B22V		50~400	105.00	3500	488.59	13.83	50.31	1.98	72.0

Note:
①: Reference standard: CCC GB12550-2009
②: Reference standard: UL
③: Reference standard: TUV



EC离心风扇 EC Centrifugal FAN

220交流风扇

Φ220*98mm

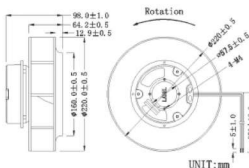
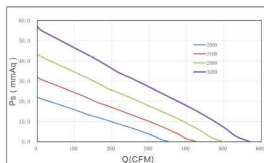
Φ8.66*3.86 in



- Speed: 2000-3200 RPM
- Airflow: 356.55-570.47 CFM
- Pressure: 22.29-57.06 mmAq
- Noise: 45.0-76.0 dBA
- Voltage: 220V
- Motor: EC brushless external rotor motor
- Frame: Aluminium
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	工作频率 FREQUENCY	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
无 None	Part No.	VAC	Hz	W	RPM	CFM	mmAq	dBA
FG RD R2L PVM VC SS AS IPX5	KI220B11L	110 (85-130)	50-400	35.0	2000	356.55	10.09	22.29
	KI220B11M		50-400	60.0	2400	427.85	12.11	32.09
	KI220B11H		50-400	80.0	2800	499.16	14.13	43.68
	KI220B22L		50-400	35.0	2000	356.55	10.09	22.29
	KI220B22M	220 (150-240)	50-400	60.0	2400	427.85	12.11	32.09
	KI220B22H		50-400	80.0	2800	499.16	14.13	43.68
	KI220B22V		50-400	110.0	3200	570.47	16.14	57.06
								2.25

Note:

①: Reference standard: CCC GB12550-2009

②: Reference standard: UL

③: Reference standard: TUV



EC离心风扇 EC Centrifugal FAN

225交流风扇

Φ225*143mm

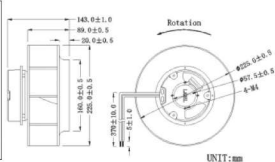
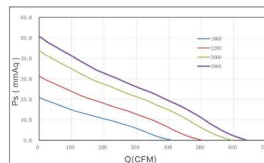
Φ8.86*5.63 in



- Speed: 1800-2800 RPM
- Airflow: 411.11-639.50 CFM
- Pressure: 20.98-50.76 mmAq
- Noise: 42.5-72.5 dBA
- Voltage: 220V
- Motor: EC brushless external rotor motor
- Frame: Aluminium
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	工作频率 FREQUENCY	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
无 None	Part No.	VAC	Hz	W	RPM	CFM	mmAq	dBA
FG RD R2L PVM VC SS AS IPX5	KI225B11L	110 (85-130)	50-400	35.0	1800	411.11	11.63	20.98
	KI225B11M		50-400	55.0	2200	502.47	14.22	31.34
	KI225B11H		50-400	85.0	2600	593.83	16.81	43.77
	KI225B22L		50-400	35.0	1800	411.11	11.63	20.98
	KI225B22M	220 (150-240)	50-400	55.0	2200	502.47	14.22	31.34
	KI225B22H		50-400	85.0	2600	593.83	16.81	43.77
	KI225B22V		50-400	110.0	2800	639.50	18.10	50.76
								2.00

Note:

①: Reference standard: CCC GB12550-2009

②: Reference standard: UL

③: Reference standard: TUV



EC离心风扇 EC Centrifugal FAN

250交流风扇

Φ250*130mm

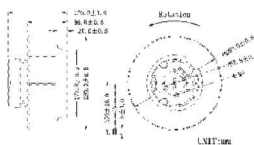
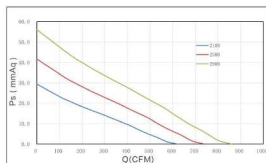
Φ9.84*5.12 in



- Speed: 2100~2900 RPM
- Airflow: 623.06~860.41 CFM
- Pressure: 29.43~56.13 mmAq
- Noise: 62.3~72.2 dBA
- Voltage: 220V
- Motor: EC brushless external rotor motor
- Frame: Aluminium
- Impeller: PBT
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	工作频率 FREQUENCY	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
Part No.		VAC	Hz	W	RPM	CFM	mmAq	dB(A)
FG RT1	K1250B11L	110 (85-130)	50-400	60.0	2100	623.06	17.63	29.43
RO1	K1250B11M		50-400	100.0	2500	741.73	20.99	41.71
RO1M	K1250B11H		50-400	150.0	2900	860.41	24.35	56.13
VS RS	K1250B22L	220 (110-240)	50-400	60.0	2100	623.06	17.63	29.43
AS	K1250B22M		50-400	100.0	2500	741.73	20.99	41.71
IPXS	K1250B22H		50-400	150.0	2900	860.41	24.35	56.13

Note:

①: Reference standard: CCC GB12350-2009

②: Reference standard: UL

③: Reference standard: TUV



EC离心风扇 EC Centrifugal FAN

280交流风扇

Φ280*164mm

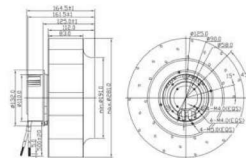
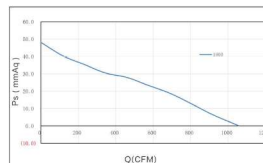
Φ11*6.46 in



- Speed: 1900 RPM
- Airflow: 1060.10 CFM
- Pressure: 48.22 mmAq
- Noise: 77.0 dBA
- Voltage: 220V
- Motor: EC brushless external rotor motor
- Frame: Aluminium
- Impeller: Aluminium
- Bearing System: 2 Ball, Longlife Sleeve, FDB
- Insulation: Class A
- Operation Temperature: -10°C~70°C

PQ曲线 P&Q Curve

尺寸图 Dimensions



可选功能 Functions	产品型号 MODEL	电压范围 VOLTAGE	工作频率 FREQUENCY	功率 POWER	转速 SPEED	风量 AIRFLOW	风压 PRESSURE	噪音 NOISE
Part No.		VAC	Hz	W	RPM	CFM	mmAq	dB(A)
FG RT1 RO1 RO1M VS RS AS IPXS	K1280B22H	220 (110-240)	50-400	150.0	1900	1060.10	30.00	48.22

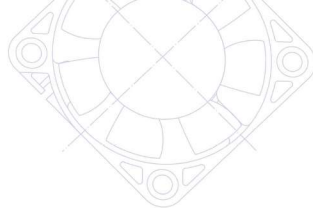
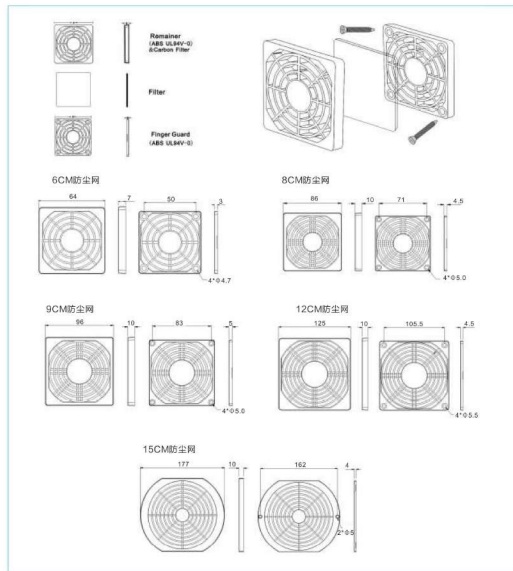
Note:

①: Reference standard: CCC GB12350-2009

②: Reference standard: UL

③: Reference standard: TUV





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