



宁波狮球通风机电有限公司  
Ningbo Lionball Ventilator Co., Ltd

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EC  
& DC



*Your reliable fan motor solution*  
您信赖的风机合作伙伴

宁波狮球通风机电有限公司  
NINGBO LIONBALL VENTILATOR CO., LTD

## BRAND STORY 品牌故事

狮球公司于1980年创立，从12个人的起步发展至今，是宁波市鄞州区姜山镇当地第一家生产型企业。

根据当地流传的狮山传说，将品牌命名为“狮球”，寓意着企业发展像狮子滚雪球一样，越做越大，越做越强，同时也祝愿狮球的客户和合作伙伴事业越来越兴旺。

DEVELOPING FROM A SMALL FACTORY OF 12 PEOPLE, IS THE FIRST LOCAL MANUFACTURING -TYPE ENTERPRISE IN JIANGSHAN TOWN. ACCORDING TO THE LOCAL LEGEND OF LION MOUNTAIN, THE BRAND WAS NAMED "LIONBALL", WHICH IMPLY ENTERPRISE DEVELOPMENT IS LIKE LION ROLLING SNOWBALL, STRONGER AND POWERFUL, ALSO WISH LIONBALL CLIENT AND COOPERATIVE PARTNER HAVE BRILLIANT CAREER!



人爱天球

## WHY CHOOSING LIONBALL?

### 选择狮球的四大原因

01

信誉佳 HIGH REPUTATION

46年诚信经营，成就客户为公司核心理念。

46years credible management, take customer success as core ideology.

02

品质佳 RELIABLE QUALITY

46年专注电机，产品品质值得信赖。

46 years devoted to motor research and development, trustworthy product quality.

03

服务好 BEST SERVICE

46年市场积累，合作伙伴遍及全球，客户服务行业领先。

46 years market building, cooperative partners all over the world, leading in customer service.

04

响应快 QUICK RESPONSE

高效融合的产销研团队，快速的项目开发能力，节约客户的时间和成本。

Efficient, Integral production, sales, technologies team, quick speed of project development capacity, save the customer's time and cost.

# WITH YOU HAND IN HAND

## 与您携手共进

狮球公司于1980年创立，从12个人的起步发展至今，是宁波市鄞州区姜山镇当地第一家生产型企业。是中国第一家自主研发并批量生产家用缝纫机电机的企业，填补了国内空白。

Lionball Ventilator was established in 1980, developing from a small factory of 12 people, is the first local manufacturing-type enterprise in Jiangshan Town. Lionball is the first to independently develop and manufacture domestic sewing machine in China.

1980

1980年

1990

1993

1993年

中国第一家生产  
方形罩级电机的企业。

Lionball is the first to  
independently develop  
shaded pole motor in China.

1994年

中国第一家自主研发  
冰冻电机。

Lionball is the first to  
independently develop  
unit bearing motor in China.

1995年

国内第一家自主  
研发医疗离心电机。

Lionball is the first  
to independently  
develop medical  
centrifugal motor in  
China.

1996年

国内第一个自主研发  
外转子系列轴流风机。

Lionball is the first to  
independently develop  
Axial fan with external  
rotor motor series in  
China.

1997年

国内第一家自主  
研发外转子系列  
离心风机。

Lionball is the first to  
independently develop  
centrifugal fan in China.

2000

2006年

国内第一家自主研发  
ECM 智能电机。

Lionball is the first to  
independently develop  
ECM smart fan and  
motor in China.

2008年

首批国家级高新技术企业，  
获得浙江省著名商标。

Lionball is one of the first batch  
of National high-tech enterprise,  
Lionball brand win the "Famous  
Trademark" in Zhejiang.

2012年

宁波市企业  
工程技术中心。

Engineering  
technology center of  
Ningbo enterprise.

2014年

新工厂开工  
建设。

The new factory  
start construction

2016年

振狮路新工厂建成  
并投入运营。

New factory on Zhenshi  
Rd completed and put into  
operation

2081

2081年 .....

作为一家致力于打造百年品牌的企业，45  
年的狮球依然年轻。在未来的至少55年时  
间，我们还将不断创造新的“第一”。

Continuously developing Lionball

Lionball is devoted to be a century-old brand  
enterprise, Though now 45 years passed, Lionball  
is still dynamic and energetic, we believe in the  
future 55 and even more years, Lionball will  
constantly create new "The First."

LIONBALL  
TIMELINE  
狮球大事记



## MISSION 使命

PURSUE ALL COMPANY STAFFS  
THE MATERIAL AND  
SPIRITUAL DOUBLE HAPPINESS  
追求全体员工物质和精神双幸福

CREATING VALUE FOR  
OUR CUSTOMERS  
为我们的客户创造价值



## VISION 愿景

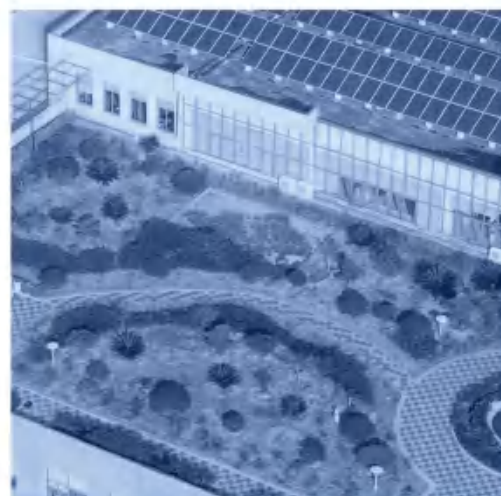
TO CREATE A HIGH QUALITY,  
HIGH VALUE AND PHILOSOPHY  
MANAGEMENT CENTURY  
ENTERPRISE

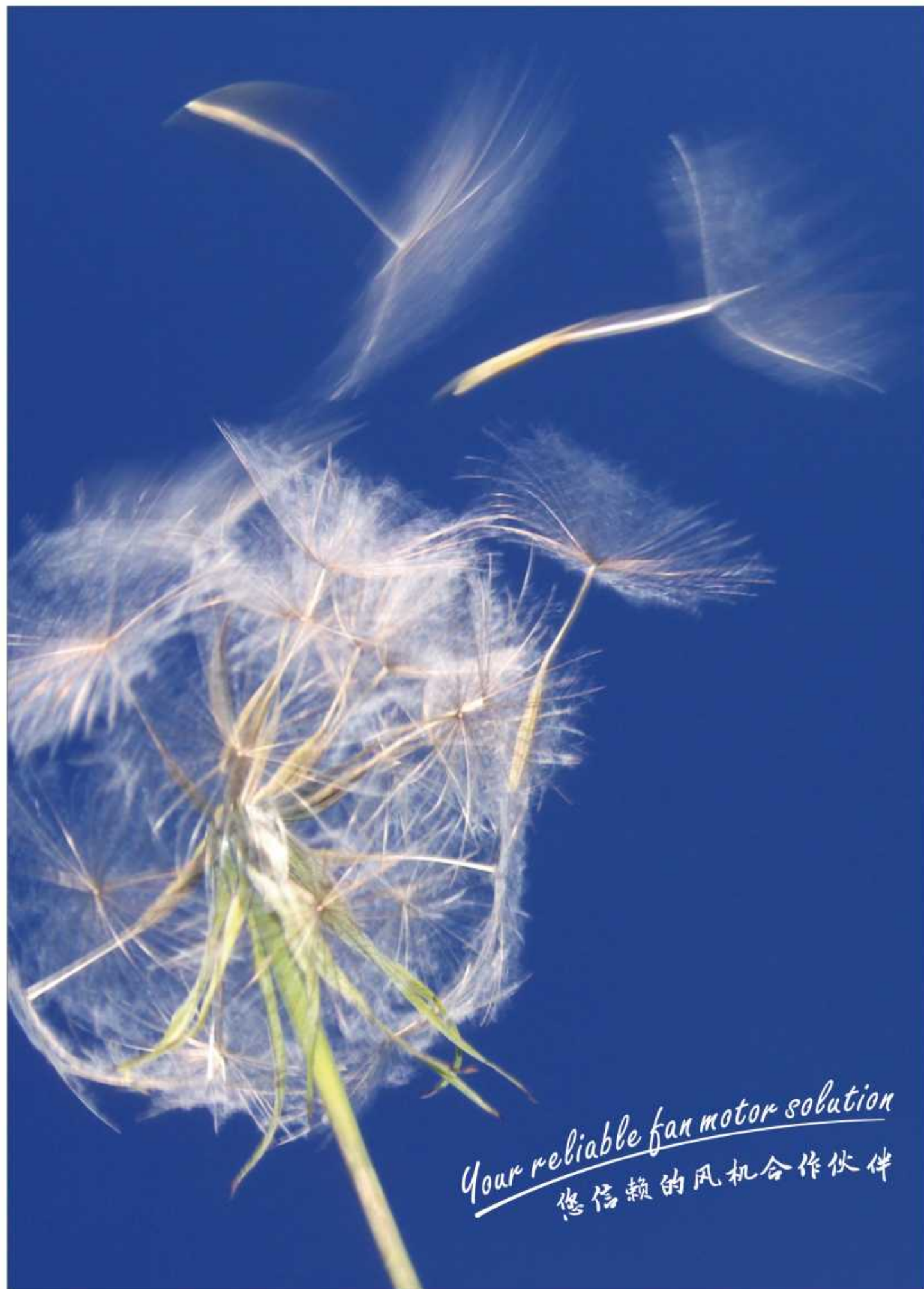
一家高品质、高价值  
以哲学经营的百年企业



## CORE VALUES 价值观

INTEGRITY INNOVATION LEARN  
诚信 创新 学习





*Your reliable fan motor solution*  
您信赖的风机合作伙伴

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您的风机首选品牌

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DC/EC  
CENTRIFUGAL FAN  
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# EC MOTOR

## EC 系列电机

The new generation of Lionball ECM products are the motors of high efficiency. Comparing to the congeneric products, Lionball ECM motors are of higher efficiency, lower cost increasing and providing quieter environment. For the size and assembling, it can compatible with shaded pole motor. Besides, many materials are available for ECM, such as the plastic, aluminum. What's more, the protection grade of ECM reaches IP65 and it is with approvals of CE, EAC, VDE, UL, ATEX, CCC, CQC.

- High efficiency of up to 65%
- Constant speed, even in the event of voltage fluctuations
- High running smoothness due to ball bearings system
- Intelligent electronics with control, overload and locked-rotor protection
- Conventional AC technology can be replaced easily
- Available in 5V, 12V, 24V, 115V, 127V and 220-240V
- Can control positive and negative rotation, double speed, speed regulation between 400rpm to 2000rpm
- Operating temperature -30°C~+50°C, special customization -40°C~+70°C

狮球全新一代 ECM 产品是取代罩极电机的高效电机，相比同类产品具备更高的效能，更低的成本以及提供更安静环境。在尺寸和安装方式上兼容罩极电机，体积和温升更小，具备多种材料可供客户选择（塑料、铝），防护等级达到 IP65，通过多项安全认证（CE, EAC, VDE, UL, ATEX, CCC, CQC）。

- 效率达到 65%
- 速度不受电压波动
- 滚珠轴承润滑，运行平稳
- 内置电子控制器，具备过载和堵转保护
- 可替代常规交流感应电机
- 提供 5V, 12V, 24V, 110V, 115V, 127V 和 220-240V
- 可以控制正反转，单双速，调速区间(400-2000rpm)
- 工作温度 -30°C~+50°C，特殊定制：-40°C~+70°C



# EC MOTOR



## ECM 高效节能电机 ECM Electronically Commutated Motor



### Features:

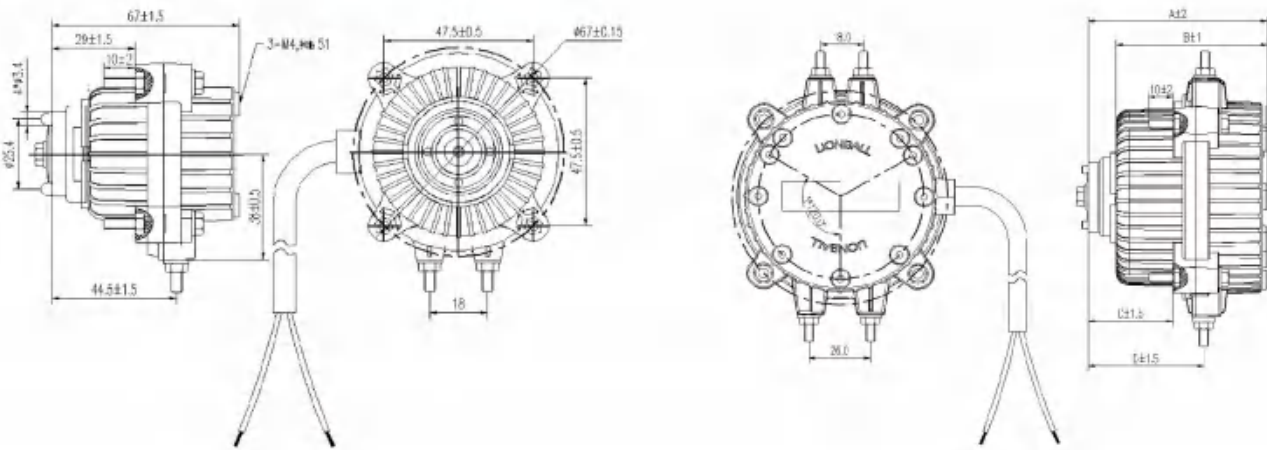
- Special wide temperature range lubrication system
- Mounting hardware included
- Water shield included

|                                  |                                                                      |
|----------------------------------|----------------------------------------------------------------------|
| Material(材料):                    | Plastic(塑料)                                                          |
| Type of protection(保护等级)         | IP65                                                                 |
| Bearing(轴承)                      | Ball bearing(滚珠轴承)                                                   |
| Universal Evaporator Mount(安装类型) | Standard three or four holes in the form (标准3或者4孔)                   |
| Universal Condenser Mount        | Use 18/26 mounting pins or custom four holes mounting pins 安装脚18/26脚 |
| Speed(速度):                       | Constant speed 1300 or 1550 CW or CCW (正反转)                          |
| Efficiency(效率):                  | 65% peak                                                             |
| CERTIFICATION(认证):               | CE,EAC,VDE,UL,ATEX,CCC,CQC                                           |

### Motor parameters (电机参数)

| 型号<br>MODEL  | 额定电压<br>VOLTAGE<br>V | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输出功率<br>OUTPUT POWER<br>W | 输入功率<br>INPUT POWER<br>W | 重量<br>WEIGHT<br>KG | 使用温度<br>APPLICATION TEMPERATURE<br>°C | 尺寸 DIMENSION<br>MM |      |      |      |
|--------------|----------------------|-----------------------|--------------------|---------------------------|--------------------------|--------------------|---------------------------------------|--------------------|------|------|------|
| ECM08-5G     | 100-240              | 50/60                 | Max2000            | 6                         | 12                       | 0.4                | -30~+50°C                             | A                  | B    | C    | D    |
| ECM08-4G     | 100-240              | 50/60                 |                    | 10                        | 18                       | 0.5                |                                       | 66                 | 53   | 30   | 44.5 |
| ECM12-4G     | 100-240              | 50/60                 |                    | 15                        | 22                       | 0.7                |                                       | 66                 | 53   | 30   | 44.5 |
| ECM20-4G     | 100-240              | 50/60                 |                    | 20                        | 30                       | 0.8                |                                       | 76                 | 63.5 | 36   | 48.5 |
| ECM20-4G VSP | 100-240              | 50/60                 |                    | 20                        | 30                       | 0.9                |                                       | 76                 | 63.5 | 37.5 | 47   |
|              |                      |                       |                    |                           |                          |                    |                                       | 101                | 89   | 37.5 | 47   |

### Dimension (外形尺寸)



## ECM08

### Motor Parameter (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输出功率<br>OUTPUT POWER<br>W | 输入功率<br>INPUT POWER<br>W | 重量<br>WEIGHT<br>KG | 使用温度<br>APPLICATION TEMPERATURE<br>°C |
|-------------|----------------------|-----------------------|--------------------|---------------------------|--------------------------|--------------------|---------------------------------------|
| ECM08-4G    | 100-240              | 50/60                 | Max2000            | 10                        | 15.5                     | 0.5                | -30~+50°C                             |

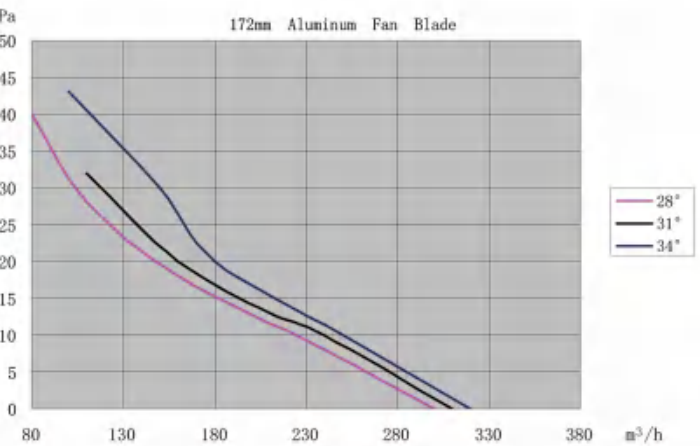
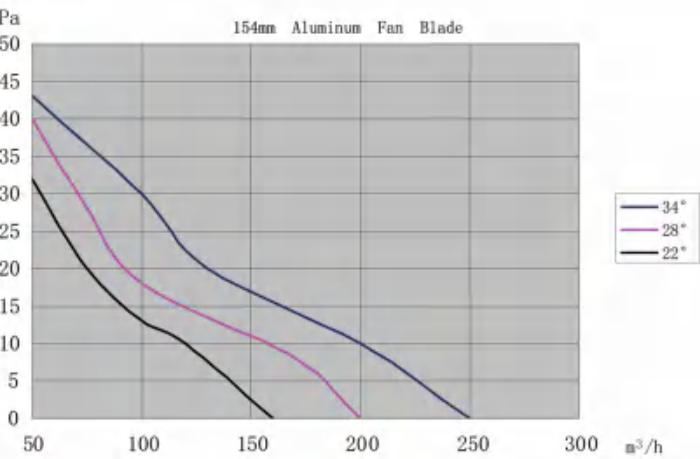


### Airflow (风量曲线)

ECM motor Air performance curves measured at a constant speed of 1,550 rpm.

| 型号<br>MODEL | 轴流叶轮直径<br>AXIAL IMPELLER DIAMETER<br>MM | 轴流叶轮叶片的安装角度<br>AXIAL IMPELLER BLADE ANGLE | 输入功率<br>INPUT POWER<br>W |
|-------------|-----------------------------------------|-------------------------------------------|--------------------------|
| ECM08A      | 154                                     | 22                                        | 4.0                      |
| ECM08A      | 154                                     | 28                                        | 4.8                      |
| ECM08A      | 154                                     | 34                                        | 6.8                      |
| ECM08A      | 172                                     | 28                                        | 5.5                      |
| ECM08A      | 172                                     | 31                                        | 7.1                      |
| ECM08A      | 172                                     | 34                                        | 7.6                      |
| ECM08A      | 200                                     | 22                                        | 6.2                      |
| ECM08A      | 200                                     | 28                                        | 13.6                     |
| ECM08A      | 200                                     | 31                                        | 15.5                     |

\* Speed = 1550RPM



46YEARS  
TECHNOLOGY  
ACCUMULATION  
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REPUTATION

# EC MOTOR

## ECM12

### Motor Parameter (电机参数)

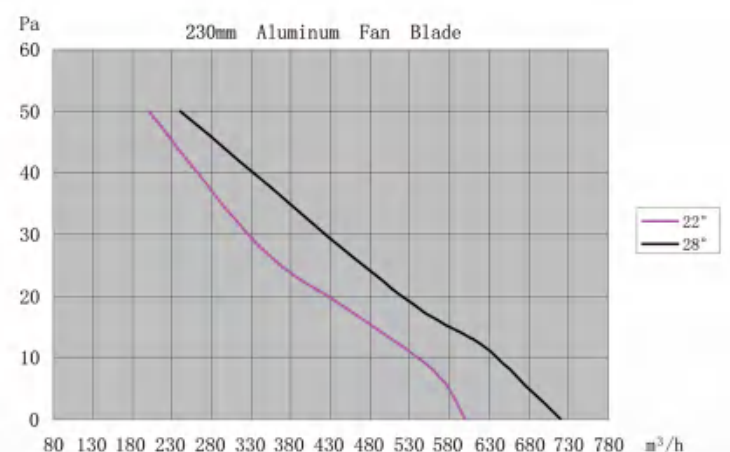
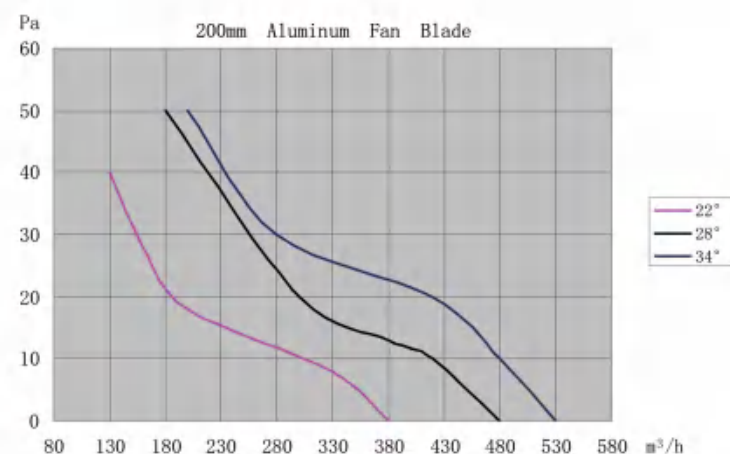
| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输出功率<br>OUTPUT POWER<br>W | 输入功率<br>INPUT POWER<br>W | 重量<br>WEIGHT<br>KG | 使用温度<br>APPLICATION TEMPERATURE<br>°C |
|-------------|----------------------|-----------------------|--------------------|---------------------------|--------------------------|--------------------|---------------------------------------|
| ECM12-4G    | 100-240              | 50/60                 | Max2000            | 15                        | 22                       | 0.7                | -30~+50°C                             |

### Airflow (风量曲线)

ECM motor Air performance curves measured at a constant speed of 1,550 rpm.

| 型号<br>MODEL | 轴流叶轮直径<br>AXIAL IMPELLER DIAMETER<br>MM | 轴流叶轮叶片的安装角度<br>AXIAL IMPELLER BLADE ANGLE | 输入功率<br>INPUT POWER<br>W |
|-------------|-----------------------------------------|-------------------------------------------|--------------------------|
| ECM12A      | 200                                     | 22°                                       | 5.8                      |
| ECM12A      | 200                                     | 28°                                       | 8.4                      |
| ECM12A      | 200                                     | 34°                                       | 13.6                     |
| ECM12A      | 230                                     | 22°                                       | 11.6                     |
| ECM12A      | 230                                     | 28°                                       | 17.4                     |
| ECM12A      | 254                                     | 22°                                       | 17.3                     |

\* Speed = 1550RPM



## ECM20

### Motor Parameter (电机参数)

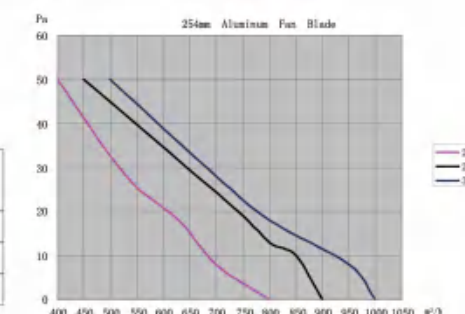
| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输出功率<br>OUTPUT POWER<br>W | 输入功率<br>INPUT POWER<br>W | 重量<br>WEIGHT<br>KG | 使用温度<br>APPLICATION TEMPERATURE<br>°C |
|-------------|----------------------|-----------------------|--------------------|---------------------------|--------------------------|--------------------|---------------------------------------|
| ECM20-4G    | 100-240              | 50/60                 | Max2000            | 20                        | 30                       | 0.8                | -30~+50°C                             |

### Airflow (风量曲线)

ECM motor Air performance curves measured at a constant speed of 1,550 rpm.

| 型号<br>MODEL | 轴流叶轮直径<br>AXIAL IMPELLER DIAMETER<br>MM | 轴流叶轮叶片的安装角度<br>AXIAL IMPELLER BLADE ANGLE | 输入功率<br>INPUT POWER<br>W |
|-------------|-----------------------------------------|-------------------------------------------|--------------------------|
| ECM20A      | 254                                     | 22°                                       | 16.0                     |
| ECM20A      | 254                                     | 28°                                       | 25.0                     |
| ECM20A      | 254                                     | 31°                                       | 29.0                     |

\* Speed = 1550RPM



|                     | ECM08  |       | ECM12 |       | ECM20 |       |
|---------------------|--------|-------|-------|-------|-------|-------|
| 转速/SPEED            | 风扇/FAN |       |       |       |       |       |
|                     | 154mm  | 172mm | 200mm | 230mm | 254mm | 300mm |
| 铝风叶 (AL)<br>1300rpm | 22°    | 22°   | 22°   | 22°   | 22°   | 22°   |
|                     | 25°    | 25°   | 25°   | 25°   | 25°   | 25°   |
|                     | 28°    | 28°   | 28°   | 28°   | 28°   |       |
|                     | 31°    | 31°   | 31°   | 31°   | 31°   |       |
|                     | 34°    | 34°   | 34°   | 34°   | 34°   |       |
| 铝风叶 (AL)<br>1500rpm | 22°    | 22°   | 22°   | 22°   | 22°   | 22°   |
|                     | 25°    | 25°   | 25°   | 25°   | 25°   |       |
|                     | 28°    | 28°   | 28°   | 28°   | 28°   |       |
|                     | 31°    | 31°   | 31°   | 31°   | 31°   |       |
|                     | 34°    | 34°   | 34°   | 34°   |       |       |
|                     | 22°    | 22°   | 22°   | 22°   | 22°   |       |
| 铝风叶 (AL)<br>1800rpm | 25°    | 25°   | 25°   | 25°   | 25°   |       |
|                     | 28°    | 28°   | 28°   | 28°   |       |       |
|                     | 31°    | 31°   | 31°   | 31°   |       |       |
|                     | 34°    | 34°   | 34°   | 34°   |       |       |
|                     |        |       |       |       |       |       |
|                     |        |       |       |       |       |       |

| 型号<br>MODEL | 负载/1300 噪音(dB)<br>LOAD/1300 NOISE(dB) |     |     |     |     |     | 负载/1300 噪音(dB)<br>LOAD/1300 NOISE(dB) |     |     |     |     |     |
|-------------|---------------------------------------|-----|-----|-----|-----|-----|---------------------------------------|-----|-----|-----|-----|-----|
|             | 154                                   | 172 | 200 | 230 | 254 | 300 | 154                                   | 172 | 200 | 230 | 254 | 300 |
| ECM08       | 37                                    | 39  | 41  |     |     |     | 39                                    | 40  | 42  |     |     |     |
| ECM12       |                                       |     | 41  | 44  |     |     |                                       |     | 42  | 46  |     |     |
| ECM20       |                                       |     |     |     | 48  | 51  |                                       |     |     |     | 50  | 52  |



46 YEARS  
TECHNOLOGY  
ACCUMULATION  
& BRAND  
REPUTATION

# EC MOTOR

## ECM 贯流风机 ECM Crossflow Fans



### Technical specifications (技术参数)

| Scroll Diameter (mm)<br>贯流型号 | Motor<br>电机 | Voltage<br>电压 (V) | Speed(RPM)<br>转速 | Ambient Temp<br>工作温度 | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) |
|------------------------------|-------------|-------------------|------------------|----------------------|--------|--------|--------|--------|--------|
| LB60*180                     | ECM08       | AC110-230         | 1300~2500        | -30~+50°C            | 53     | 180    | 255    | 192    | 153.5  |
| LB60*240                     | ECM12       | AC110-230         | 1300~2300        | -30~+50°C            | 72     | 240    | 333    | 252    | 211.5  |
| LB60*300                     | ECM12       | AC110-230         | 1300~2300        | -30~+50°C            | 72     | 300    | 394    | 312    | 272    |
| LB60*360                     | ECM12       | AC110-230         | 1300~2300        | -30~+50°C            | 72     | 360    | 455    | 372    | 331.5  |
| LB60*420                     | ECM12       | AC110-230         | 1300~2300        | -30~+50°C            | 72     | 420    | 516    | 432    | 391.5  |

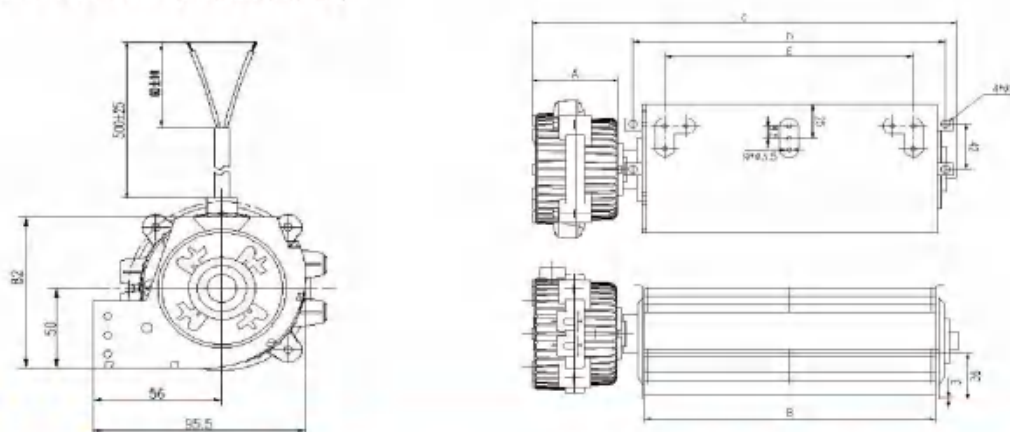
### Input Power (输入功率)

| Motor<br>电机 | Speed(RPM)<br>转速 | Input Power (W) 输入功率 |            |            |            |            |
|-------------|------------------|----------------------|------------|------------|------------|------------|
|             |                  | 60*180(mm)           | 60*240(mm) | 60*300(mm) | 60*360(mm) | 60*420(mm) |
| ECM08       | 1300             | 2.3                  | 3.1        | 4.2        | 6.5        | /          |
| ECM12       |                  | 1.5                  | 2.8        | 3.5        | 5.9        | 12.5       |
| ECM08       | 1550             | 3.8                  | 5          | 6.1        | 12.5       | /          |
| ECM12       |                  | 3.3                  | 4.6        | 5.7        | 10.1       | 15.4       |
| ECM08       | 1800             | 4.8                  | 6.7        | 9.1        | /          | /          |
| ECM12       |                  | 4.2                  | 5.9        | 8          | 12.5       | 18.5       |
| ECM08       | 2300             | 8                    | /          | /          | /          | /          |
| ECM12       |                  | 7.5                  | 10.5       | 14.1       | 18.5       | 22         |

### FLOW-2300rpm (风量)

| Motor<br>电机 | Speed(RPM)<br>转速 | Input Power (W) 输入功率 |            |            |            |            |  |
|-------------|------------------|----------------------|------------|------------|------------|------------|--|
|             |                  | 60*180(mm)           | 60*240(mm) | 60*300(mm) | 60*360(mm) | 60*420(mm) |  |
| ECM08       | 2300             | 8                    | /          | /          | /          | /          |  |
| ECM12       |                  | 7.5                  | 10.5       | 14.1       | 18.5       | 22         |  |
|             |                  | FLOW风量(m3/h) 0Pa     |            |            |            |            |  |
|             |                  | 145                  | 230        | 290        | 330        | 390        |  |

### Dimension (外形尺寸)



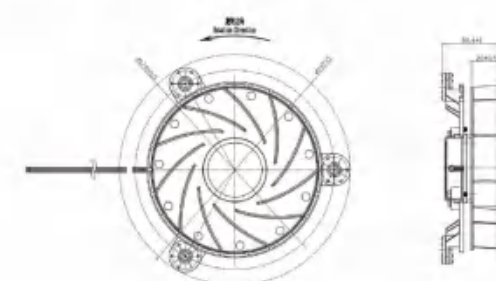
## ECM08-5GB150



### Motor parameters (电机参数)

| 型号<br>MODEL  | 最大负载<br>LOAD | 转速<br>r/min | 噪音<br>dB(A) | 振动<br>mm/s | 功率<br>W | 效率<br>% | 风轮<br>Impeller | 材质<br>Material | 安装方式<br>Mounting Position                                  |
|--------------|--------------|-------------|-------------|------------|---------|---------|----------------|----------------|------------------------------------------------------------|
| ECM08-5GB150 | 150离心风轮      | 300-1800    | 38.8        | 1.1        | 10      | 68      | PA66           | 塑料<br>Plastic  | 轴水平, 轴垂直<br>Horizontal to the axis<br>Vertical to the axis |

### Dimension (外形尺寸)



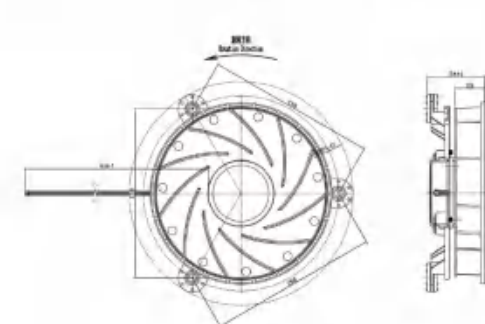
## ECM08-5GB170



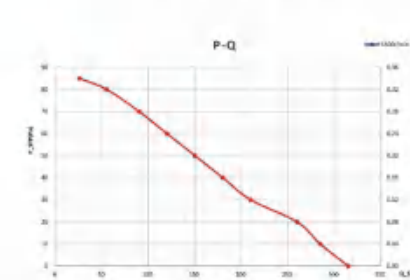
### Motor parameters (电机参数)

| 型号<br>MODEL  | 最大负载<br>LOAD | 转速<br>r/min | 噪音<br>dB(A) | 振动<br>mm/s | 功率<br>W | 效率<br>% | 风轮<br>Impeller | 材质<br>Material | 安装方式<br>Mounting Position                                  |
|--------------|--------------|-------------|-------------|------------|---------|---------|----------------|----------------|------------------------------------------------------------|
| ECM08-5GB170 | 170离心风轮      | 300-1800    | 39.5        | 1.3        | 15      | 68      | PA66           | 塑料<br>Plastic  | 轴水平, 轴垂直<br>Horizontal to the axis<br>Vertical to the axis |

### Dimension (外形尺寸)



### Airflow (风量曲线)



# EC MOTOR

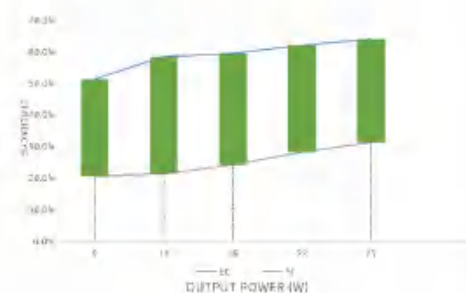
## ECU 电机 ECU MOTOR

### Description (简介)

|                                                                                         |                                   |
|-----------------------------------------------------------------------------------------|-----------------------------------|
| Type: Three phase permanent magnet DC brushless motor                                   | 电机类型: 三相永磁直流无刷电动机                 |
| Model: ECU4-50                                                                          | 电机型号: ECU4-50                     |
| Voltage(V): 115-230V                                                                    | 额定电压(V): 115-230V                 |
| Frequency(Hz): 50/60                                                                    | 额定频率(Hz): 50/60                   |
| Input power(W): 13-55                                                                   | 输入功率(W): 13-55                    |
| Current(A): 0.1-0.56                                                                    | 输入电流(A): 0.1-0.56                 |
| Speed RPM (r/min): 400-2000                                                             | 额定转速 (r/min): 400-2000            |
| Motor rotation : CCW or CW (from the end of the shaft)                                  | 电机转向: CCW或者CW (从出轴端看)             |
| Mounting type : Horizontal or vertical installation, or between -90° to 0° installation | 安装方式: 水平或垂直安装, 或介于 -90° ~ 0° 之间安装 |
| 1. Install foot screw bracket                                                           | 1. 安装脚支架安装                        |
| 2. Install grill/frame                                                                  | 2. 网罩/框架安装                        |
| 3. Install the rear cover stud bracket                                                  | 3. 后盖螺栓支架安装                       |
| Motor protection form: Electronic protection                                            | 电机保护形式: 电子保护                      |
| IP level : IP67 Max                                                                     | 防护等级: IP67 Max                    |
| Working mode: Run S1 continuously                                                       | 工作方式: 连续运行 S1                     |
| Applicable working temperature : -30℃ ~ +50℃                                            | 适用工作环境温度: -30℃ ~ +50℃             |
| Bearings: maintenance-free ball bearings                                                | 轴承: 免维护滚珠轴承                       |
| Certification: CCC, EAC, UL, ATEX, CE                                                   | 认证: CCC, EAC, UL, ATEX, CE        |



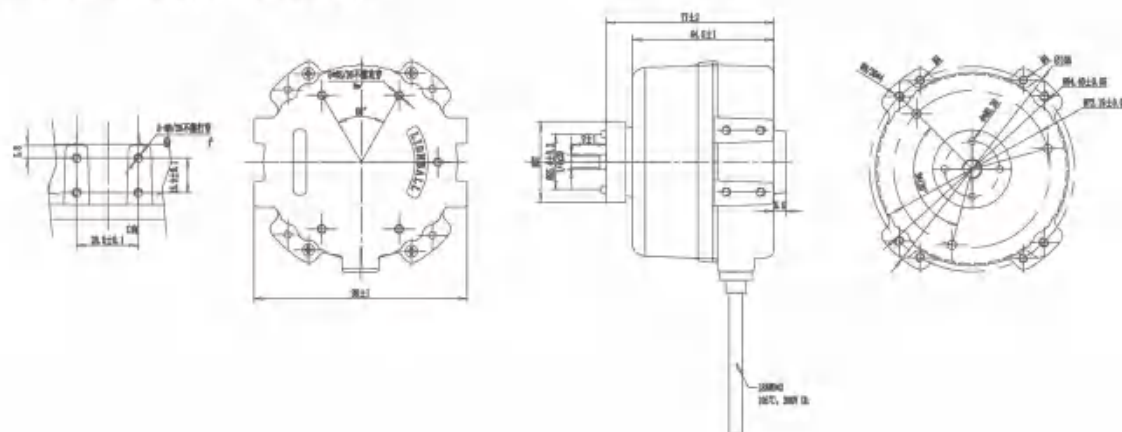
### Efficiency curve (效率曲线)



### Motor parameters (电机参数)

| 型号<br>MODEL | 功率<br>POWER<br>(W) | 电压<br>VOLTAGE<br>(V) | 转速<br>SPEED<br>Max<br>(RPM) | 电流<br>CURRENT<br>(A) | 频率<br>FREQUENCY<br>(Hz) | 转向<br>DIRECTION | 使用温度<br>APPLICATION<br>TEMPERATURE<br>(°C) | 重量<br>WEIGHT<br>(Kg) |
|-------------|--------------------|----------------------|-----------------------------|----------------------|-------------------------|-----------------|--------------------------------------------|----------------------|
| 5411ECM     | 4-25               | 115-230              | 1550-1725<br>(Max2000)      | 0.1-0.56             | 50/60                   | CW              | -30~+50℃                                   | 1.3                  |
| 5412ECM     | 4-25               | 115-230              | 1550-1725<br>(Max2000)      | 0.1-0.56             | 50/60                   | CCW             |                                            |                      |
| 5414ECM     | 4-25               | 115-230              | 1550/1650<br>(Max2000)      | 0.1-0.56             | 50/60                   | CW              |                                            |                      |
| MD5411      | 4-25               | 115-230              | 1550<br>(Max2000)           | 0.1-0.56             | 50/60                   | CW              |                                            |                      |
| ECU4-25     | 4-25               | 115-230              | 1550-1725<br>(Max2000)      | 0.1-0.56             | 50/60                   | CW/CCW          |                                            |                      |
| ECU4-35     | 35                 | 115-230              | 1550-1725<br>(Max2000)      | 0.1-0.56             | 50/60                   | CW/CCW          |                                            |                      |
| ECU50       | 40                 | 115-230              | 1550-1725<br>(Max2000)      | 0.1-0.56             | 50/60                   | CW/CCW          |                                            |                      |

### Dimension (外形尺寸)



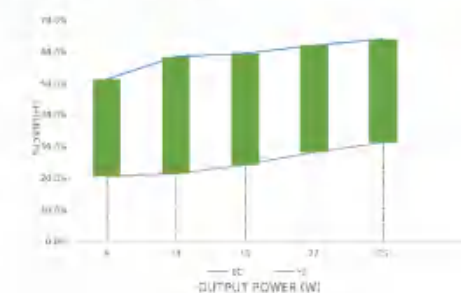
## ECU 电机 ECU MOTOR

### Description (简介)

|                                                                                         |                                   |
|-----------------------------------------------------------------------------------------|-----------------------------------|
| Type: Three phase permanent magnet DC brushless motor                                   | 电机类型: 三相永磁直流无刷电动机                 |
| Model: ECU4-50                                                                          | 电机型号: ECU4-50                     |
| Voltage(V): 115-230V                                                                    | 额定电压(V): 115-230V                 |
| Frequency(Hz): 50/60                                                                    | 额定频率(Hz): 50/60                   |
| Input power(W): 13-55                                                                   | 输入功率(W): 13-55                    |
| Current(A): 0.1-0.56                                                                    | 输入电流(A): 0.1-0.56                 |
| Speed RPM (r/min): 400-2000                                                             | 额定转速 (r/min): 400-2000            |
| Motor rotation : CCW or CW (from the end of the shaft)                                  | 电机转向: CCW或者CW (从出轴端看)             |
| Mounting type : Horizontal or vertical installation, or between -90° to 0° installation | 安装方式: 水平或垂直安装, 或介于 -90° ~ 0° 之间安装 |
| 1. Install foot screw bracket                                                           | 1. 安装脚支架安装                        |
| 2. Install grill/frame                                                                  | 2. 网罩/框架安装                        |
| 3. Install the rear cover stud bracket                                                  | 3. 后盖螺栓支架安装                       |
| Motor protection form: Electronic protection                                            | 电机保护形式: 电子保护                      |
| IP level : IP67 Max                                                                     | 防护等级: IP67 Max                    |
| Working mode: Run S1 continuously                                                       | 工作方式: 连续运行 S1                     |
| Applicable working temperature : -30℃ ~ +50℃                                            | 适用工作环境温度: -30℃ ~ +50℃             |
| Bearings: maintenance-free ball bearings                                                | 轴承: 免维护滚珠轴承                       |
| Certification: CCC, EAC, UL, ATEX, CE                                                   | 认证: CCC, EAC, UL, ATEX, CE        |



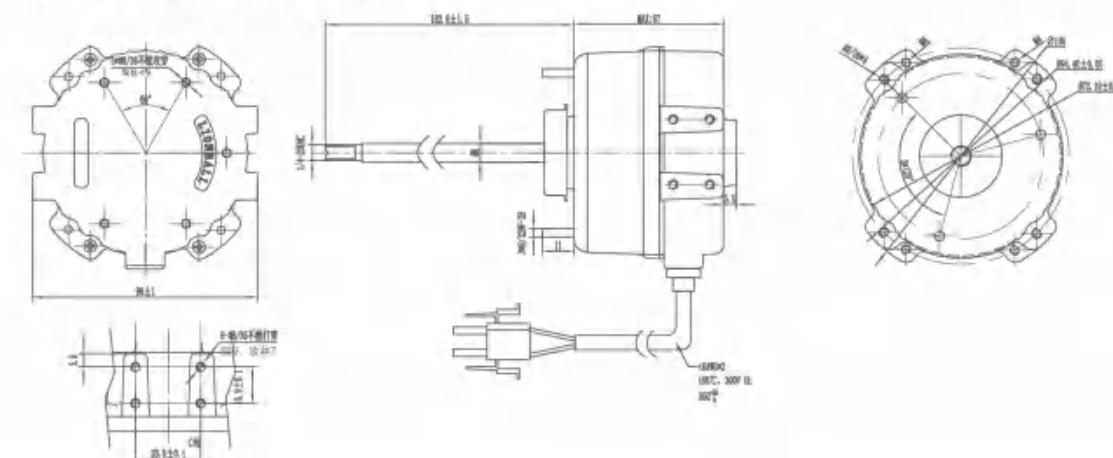
### Efficiency curve (效率曲线)



### Motor parameters (电机参数)

| 型号<br>MODEL | 功率<br>POWER<br>(W) | 电压<br>VOLTAGE<br>(V) | 转速<br>SPEED<br>Max<br>(RPM) | 电流<br>CURRENT<br>(A) | 频率<br>FREQUENCY<br>(Hz) | 转向<br>DIRECTION | 使用温度<br>APPLICATION<br>TEMPERATURE<br>(°C) | 重量<br>WEIGHT<br>(Kg) |
|-------------|--------------------|----------------------|-----------------------------|----------------------|-------------------------|-----------------|--------------------------------------------|----------------------|
| 5411ECM     | 4-25               | 115-230              | 1550-1725<br>(Max2000)      | 0.1-0.56             | 50/60                   | CW              | -30~+50℃                                   | 1.3                  |
| 5412ECM     | 4-25               | 115-230              | 1550-1725<br>(Max2000)      | 0.1-0.56             | 50/60                   | CCW             |                                            |                      |
| 5414ECM     | 4-25               | 115-230              | 1550/1650<br>(Max2000)      | 0.1-0.56             | 50/60                   | CW              |                                            |                      |
| MD5411      | 4-25               | 115-230              | 1550<br>(Max2000)           | 0.1-0.56             | 50/60                   | CW              |                                            |                      |
| ECU4-25     | 4-25               | 115-230              | 1550-1725<br>(Max2000)      | 0.1-0.56             | 50/60                   | CW/CCW          |                                            |                      |
| ECU4-35     | 35                 | 115-230              | 1550-1725<br>(Max2000)      | 0.1-0.56             | 50/60                   | CW/CCW          |                                            |                      |
| ECU50       | 40                 | 115-230              | 1550-1725<br>(Max2000)      | 0.1-0.56             | 50/60                   | CW/CCW          |                                            |                      |

### Dimension (外形尺寸)



# EC AXIAL FAN

## EC 轴流风机

EC Axial Fan diameter is from 300mm to 900mm, features of quiet, high efficiency, flexible controlling, conform to ERP 2015.

Wide Working Voltage AC 115/230V 50/60Hz

Plastic/Metal Impeller (250/300/350/450/500/550/600/630/710/800/900mm)

Electronic and mechanical protection: Over voltage, overcurrent, thermal protection, lock protection

CE Approval, CCC Approval.

All the components compliance to requirements of the RoHS.

Automatic Production Lines

Work temperature -30°C ~ +50°C

- 宽电压使用范围 AC115/230V 50/60Hz
- 塑料 / 金属风轮 (250/300/350/450/500/550/600/630/710/800/900mm)
- 电子及机械保护全面 (过压、过流、热保护、堵转保护)
- 通过 CE, CCC 认证
- 所有部件符合 RoHS 要求
- 工艺全自动生产线
- 工作温度 -30°C ~ +50°C



EC  
AXIAL FAN



EC 轴流风扇 250mm  
EC Axial Fan Size 250mm



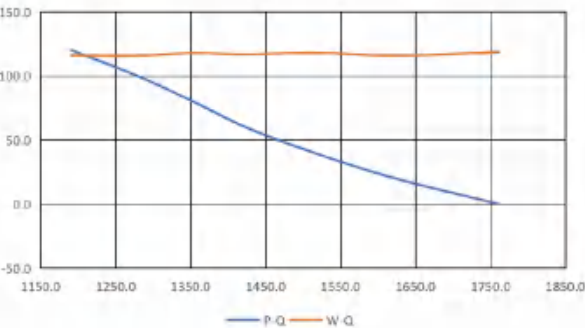
Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Fan Blade:Steel                     | 风叶: 钢                  |
| Rotor : Steel                       | 转子: 钢板                 |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-25℃~+60℃               | 工作温度: -25℃~+60℃        |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

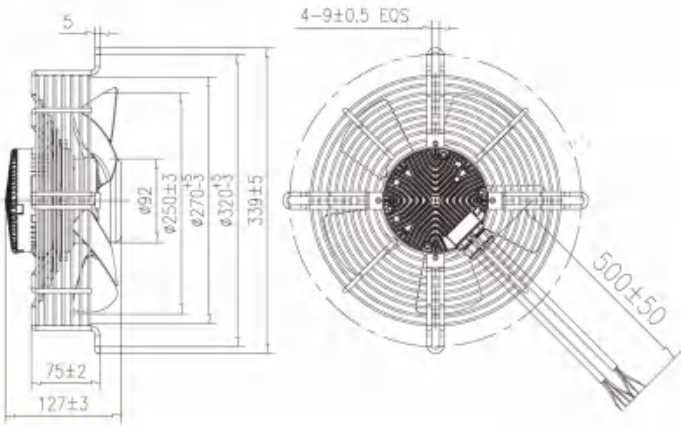
Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|
| EC92G250SC  | 220                  | 120                      | 50/60                 | 2500               | 1.00                     | 1761                  |

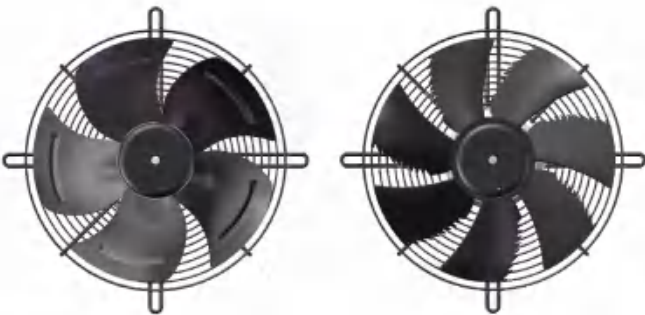
Airflow (风量曲线)



Dimensions (外形尺寸)



EC 轴流风扇 300mm  
EC Axial Fan Size 300mm



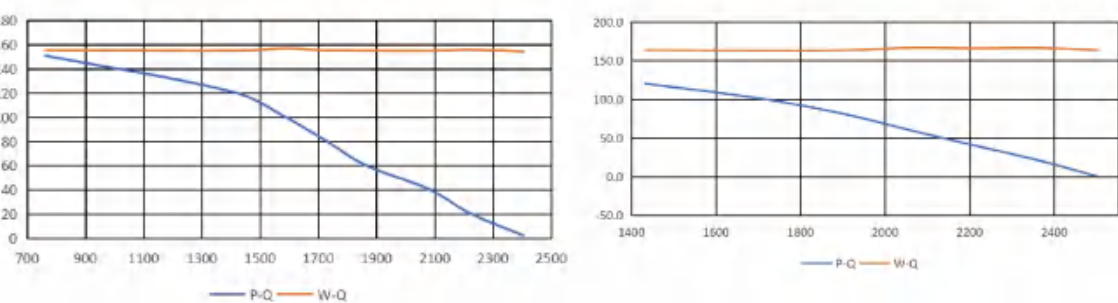
Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Fan Blade:PA66 Plastic/Steel        | 风叶: PA66塑料或钢           |
| Rotor : Steel                       | 转子: 钢板                 |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-25℃~+60℃               | 工作温度: -25℃~+60℃        |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

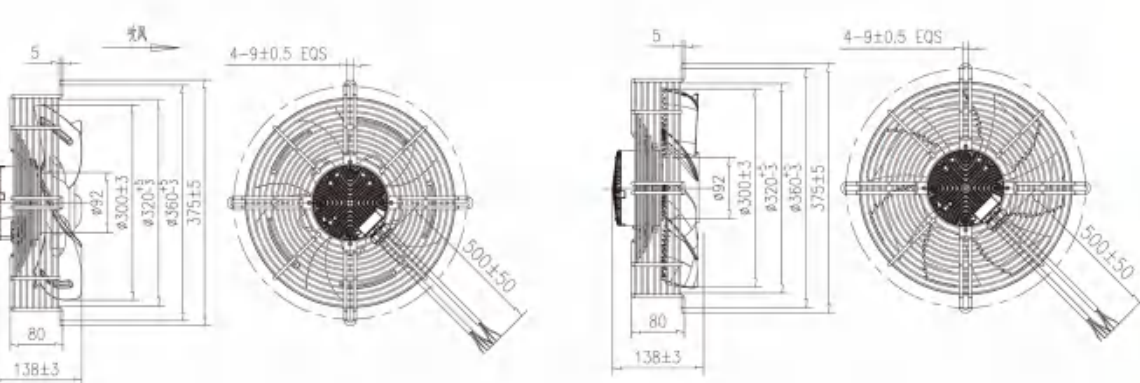
Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|
| EC92G300BC  | 220                  | 160                      | 50/60                 | 2250               | 1.40                     | 2403                  |
| EC92G300SC  | 220                  | 165                      | 50/60                 | 2000               | 1.30                     | 2504                  |

Airflow (风量曲线)

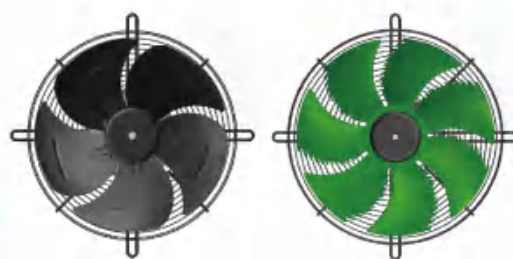


Dimensions (外形尺寸)



# EC AXIAL FAN

## EC 轴流风扇 350mm EC Axial Fan Size 350mm



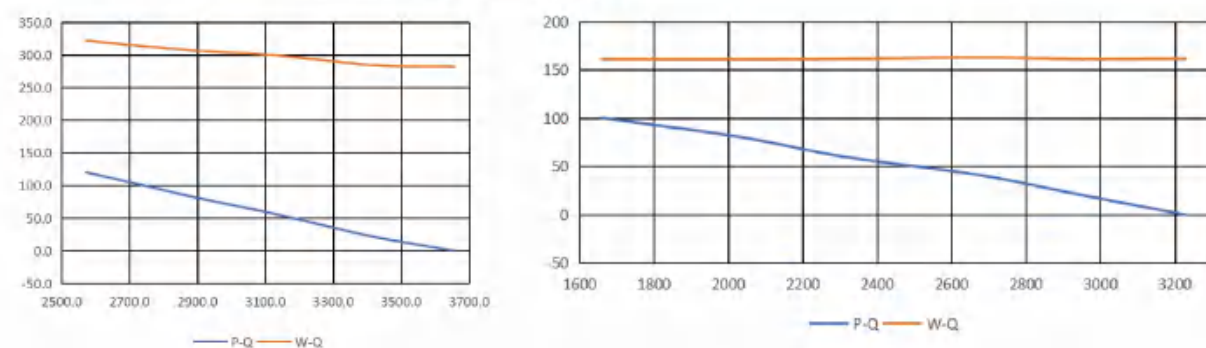
### Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Fan Blade:PA66 Plastic/Steel        | 风叶: PA66塑料/钢           |
| Rotor : Steel                       | 转子: 钢板                 |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-25°C~+60°C             | 工作温度: -25°C~+60°C      |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

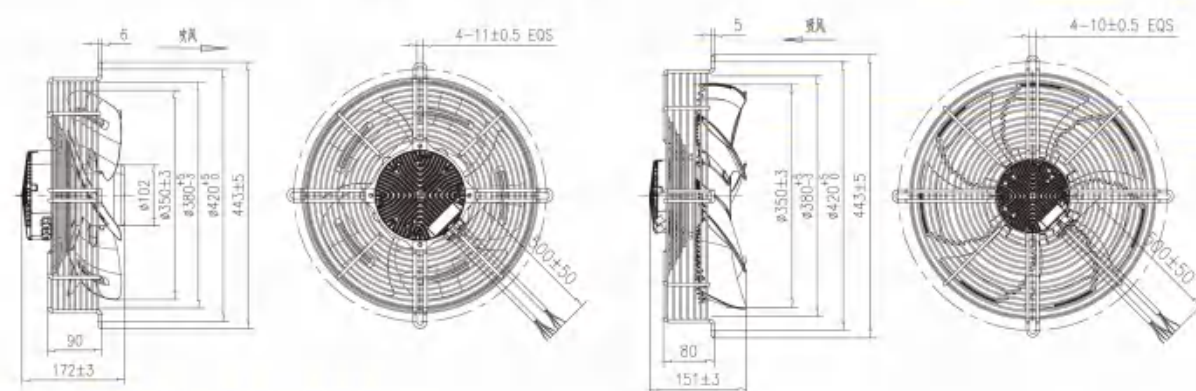
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|
| EC102G350BC | 220                  | 330                      | 50/60                 | 2150               | 2.40                     | 3655                  |
| EC92G350SC  | 220                  | 165                      | 50/60                 | 1600               | 1.40                     | 3227                  |

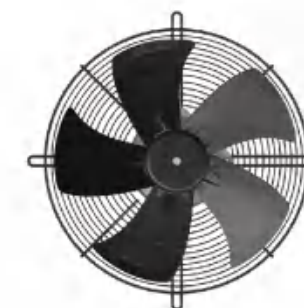
### Airflow (风量曲线)



### Dimensions (外形尺寸)



## EC 轴流风扇 400mm EC Axial Fan Size 400mm



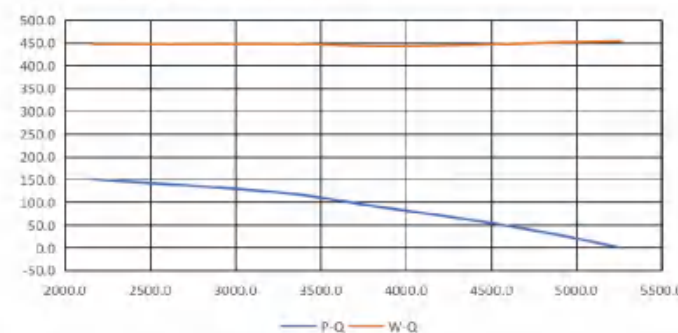
### Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Fan Blade:PA66 Plastic/Steel        | 风叶: PA66塑料或钢           |
| Rotor : Steel                       | 转子: 钢板                 |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-25°C~+60°C             | 工作温度: -25°C~+60°C      |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

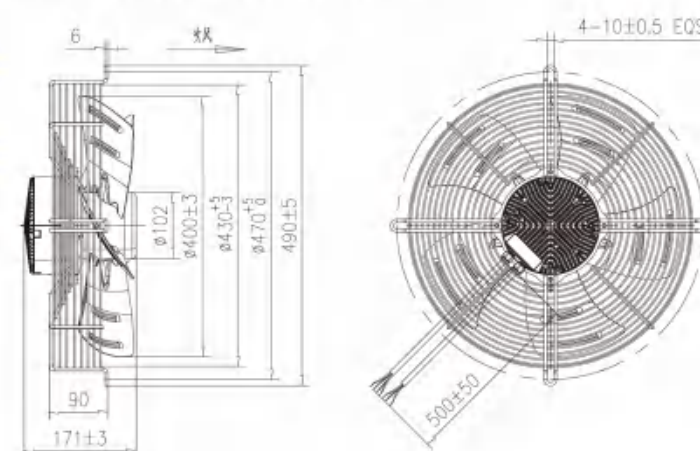
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|
| EC102G400BC | 220                  | 450                      | 50/60                 | 1900               | 3.20                     | 5263                  |

### Airflow (风量曲线)

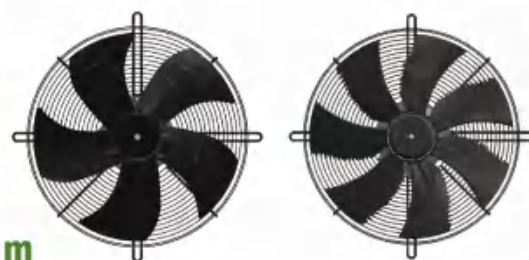


### Dimensions (外形尺寸)



# EC AXIAL FAN

## EC 轴流风扇 450mm EC Axial Fan Size 450mm



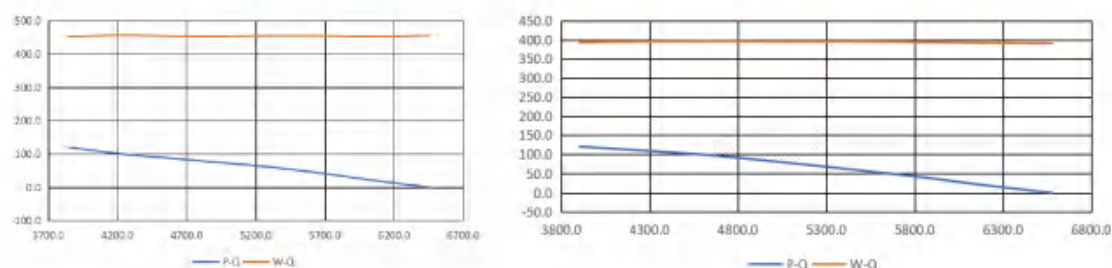
### Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Fan Blade:PA66 Plastic/Steel        | 风叶: PA66塑料/钢           |
| Rotor : Steel                       | 转子: 钢板                 |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-25°C~+60°C             | 工作温度: -25°C~+60°C      |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

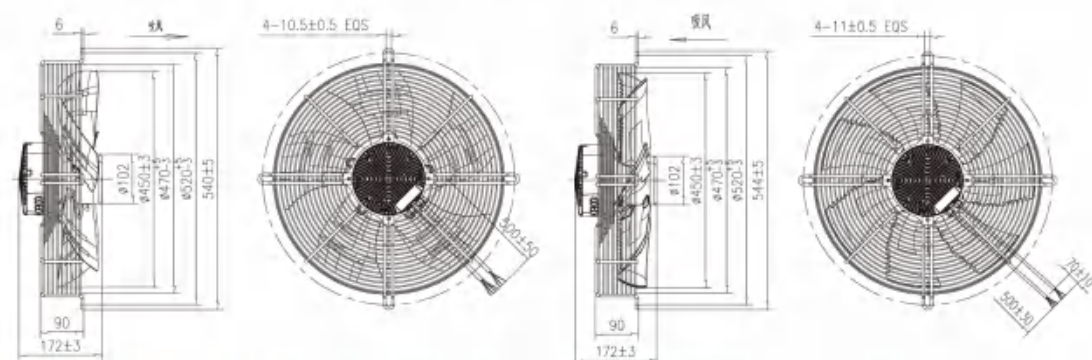
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>HZ | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|
| EC102G450BC | 220                  | 450                      | 50/60                 | 1650               | 3.20                     | 6458                  |
| EC102G450SC | 220                  | 400                      | 50/60                 | 1600               | 2.80                     | 6579                  |

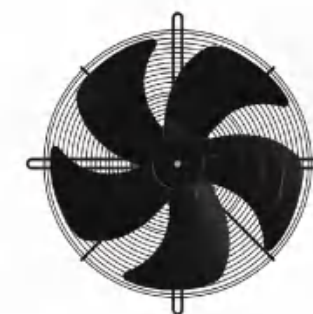
### Airflow (风量曲线)



### Dimensions (外形尺寸)



## EC 轴流风扇 500mm EC Axial Fan Size 500mm



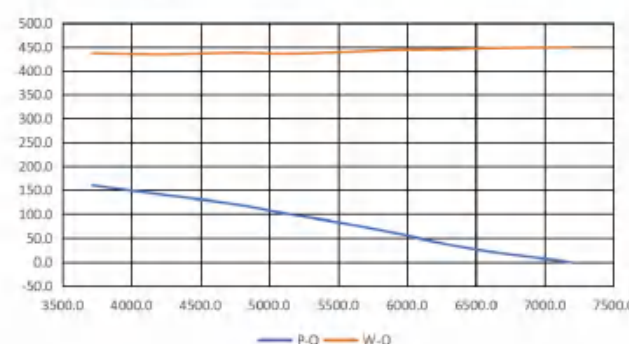
### Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Fan Blade:PA66 Plastic/Steel        | 风叶: PA66塑料/钢           |
| Rotor : Steel                       | 转子: 钢板                 |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-25°C~+60°C             | 工作温度: -25°C~+60°C      |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

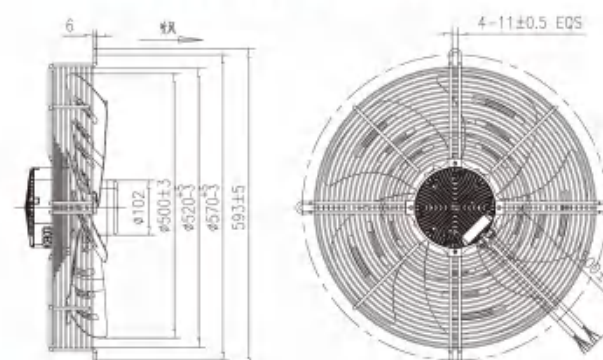
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>HZ | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|
| EC102G500BC | 220                  | 450                      | 50/60                 | 1750               | 3.20                     | 7183                  |

### Airflow (风量曲线)



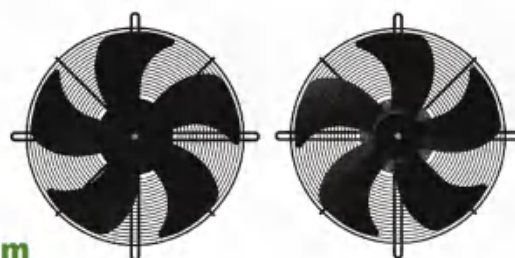
### Dimensions (外形尺寸)



# EC AXIAL FAN



## EC 轴流风扇 550mm EC Axial Fan Size 550mm



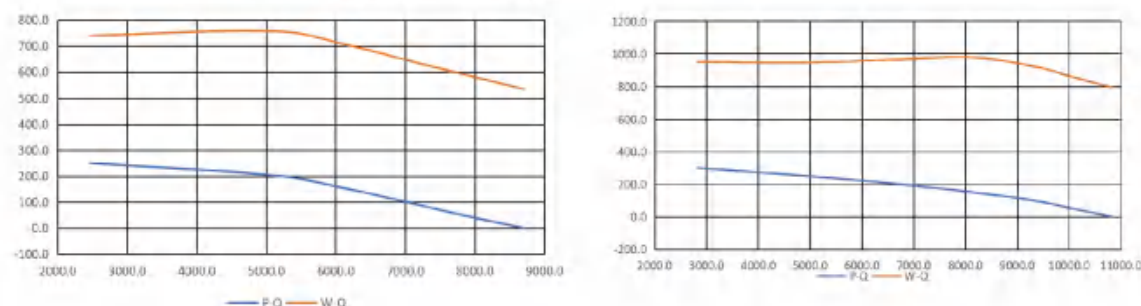
### Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Fan Blade:Steel                     | 风叶: 钢                  |
| Rotor : Steel                       | 转子: 钢板                 |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-25°C~+60°C             | 工作温度: -25°C~+60°C      |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

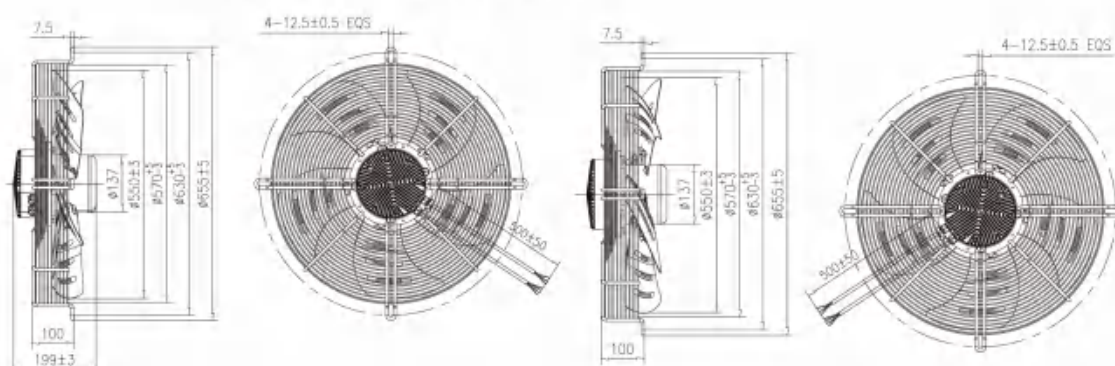
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>HZ | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|
| EC137G550BC | 1~220                | 750                      | 50/60                 | 1500               | 5.00                     | 8705                  |
| EC137G550SC | 3~380                | 1000                     | 50/60                 | 1650               | 1.80                     | 10838                 |

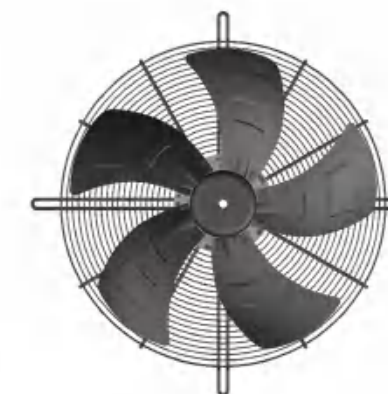
### Airflow (风量曲线)



### Dimensions (外形尺寸)



## EC 轴流风扇 600mm EC Axial Fan Size 600mm



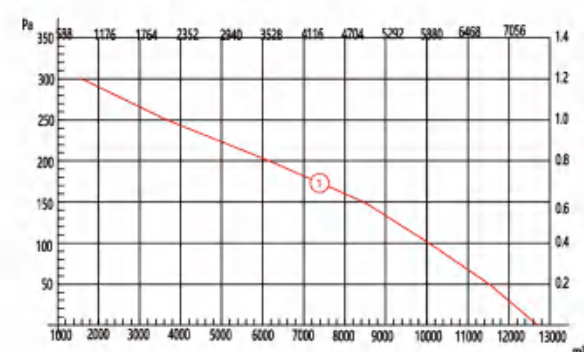
### Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Fan Blade:Steel                     | 风叶: 钢                  |
| Rotor : Steel                       | 转子: 钢板                 |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-30°C~+50°C             | 工作温度: -30°C~+50°C      |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

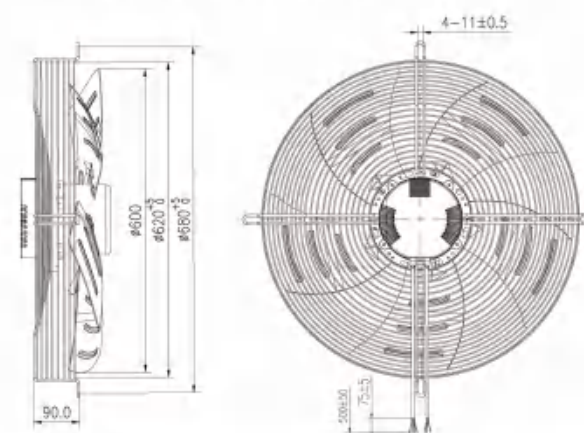
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>HZ | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 曲线<br>CURVE |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|-------------|
| ECG600S     | 380                  | 970                      | 50/60                 | 1600               | 1.7                      | 12700                 | ①           |

### Airflow (风量曲线)



### Dimensions (外形尺寸)

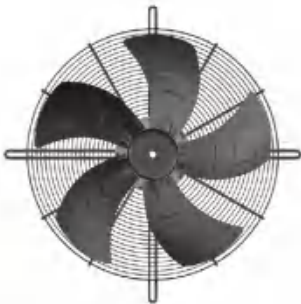


46YEARS  
TECHNOLOGY  
ACCUMULATION  
& BRAND  
REPUTATION

EC  
AXIAL FAN



EC 轴流风扇 630mm  
EC Axial Fan Size 630mm



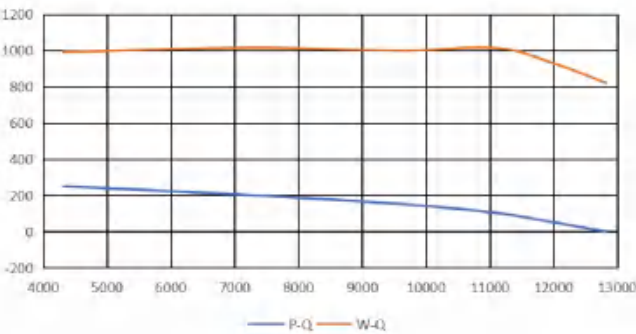
Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Fan Blade:Steel                     | 风叶: 钢                  |
| Rotor : Steel                       | 转子: 钢板                 |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-25℃~+60℃               | 工作温度: -25℃~+60℃        |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

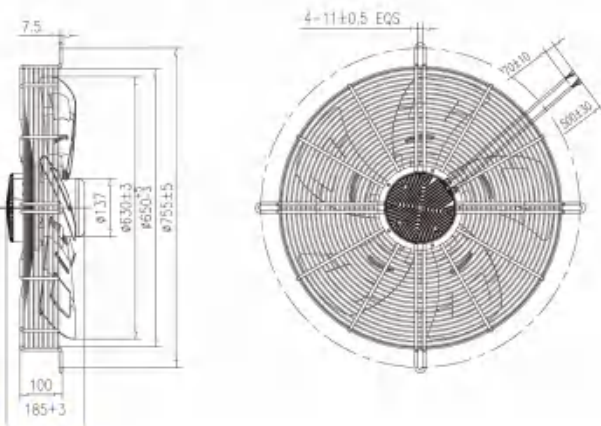
Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>HZ | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|
| EC137G630SC | 380                  | 1000                     | 50/60                 | 1500               | 1.90                     | 12825                 |

Airflow (风量曲线)



Dimensions (外形尺寸)



EC 轴流风扇 800mm  
EC Axial Fan Size 800mm



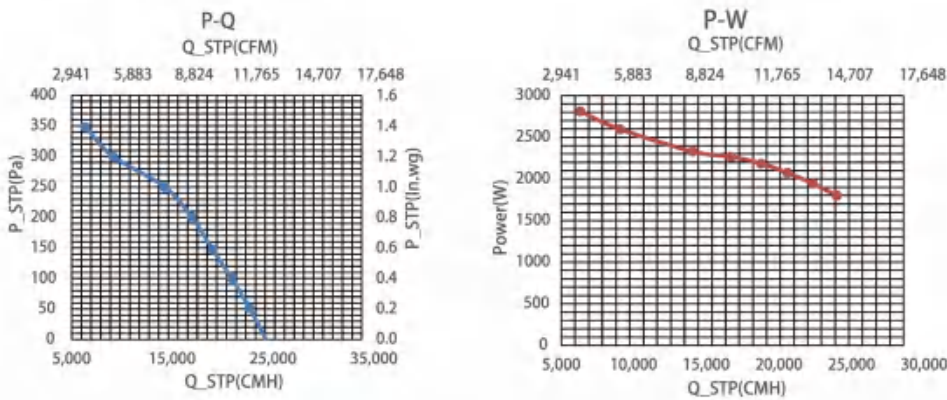
Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Fan Blade:Steel                     | 风叶: 钢                  |
| Rotor : Steel                       | 转子: 钢板                 |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-30℃~+50℃               | 工作温度: -30℃~+50℃        |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

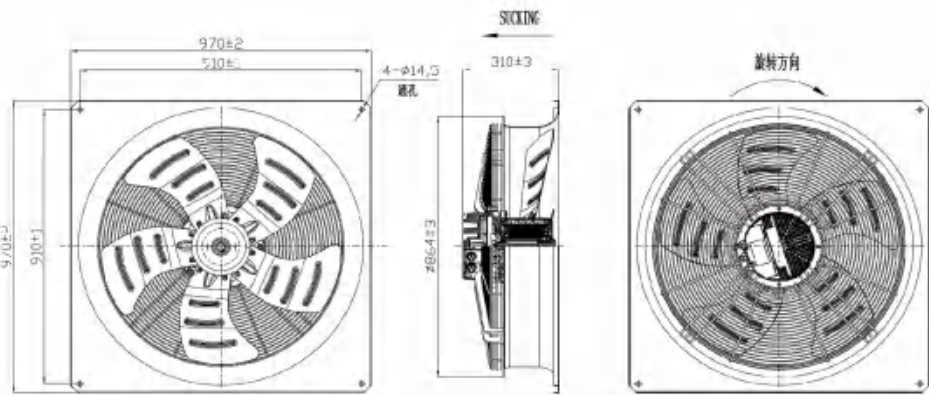
Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入电流<br>CURRENT<br>A | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>HZ | 转速<br>SPEED<br>RPM | 风量<br>AIRFLOW<br>M3/H | 噪音<br>NOISE LEVEL<br>DB |
|-------------|----------------------|----------------------|--------------------------|-----------------------|--------------------|-----------------------|-------------------------|
| ECG800S     | 400                  | 3.14                 | 1800                     | 50/60                 | 1100               | 25100                 | <83                     |

Airflow (风量曲线)



Dimensions (外形尺寸)



EC  
AXIAL FAN

EC 轴流风扇 900mm  
EC Axial Fan Size 900mm



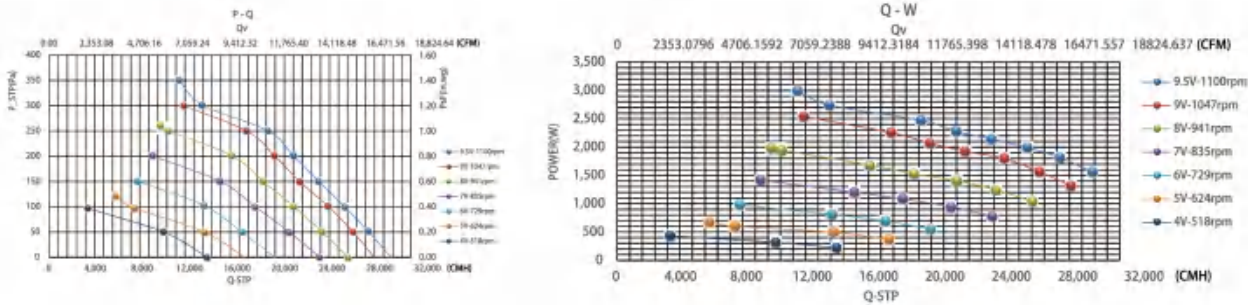
Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Fan Blade:Steel                     | 风叶: 钢                  |
| Rotor : Steel                       | 转子:钢板                  |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-30℃~+50℃               | 工作温度: -30℃~+50℃        |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

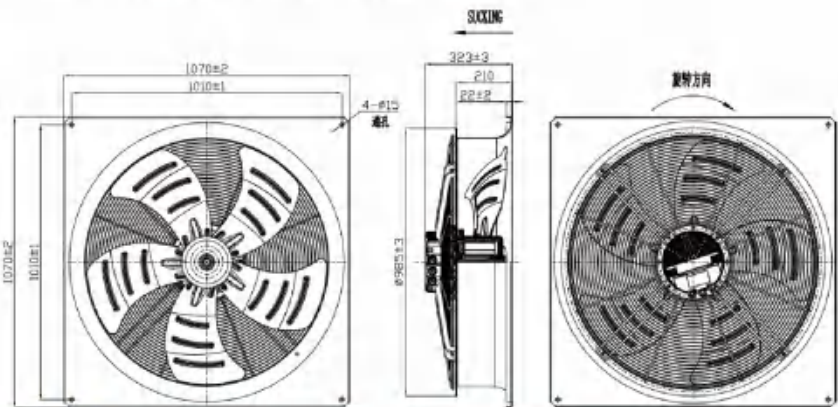
Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入电流<br>CURRENT<br>A | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 风量<br>AIRFLOW<br>M3/H | 噪音<br>NOISE LEVEL<br>DB |
|-------------|----------------------|----------------------|--------------------------|-----------------------|--------------------|-----------------------|-------------------------|
| ECG900S     | 400                  | 2.64                 | 1600                     | 50/60                 | 1100               | 30260                 | < 85                    |

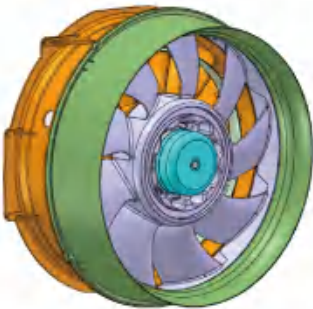
Airflow (风量曲线)



Dimensions (外形尺寸)



EC102G400SD



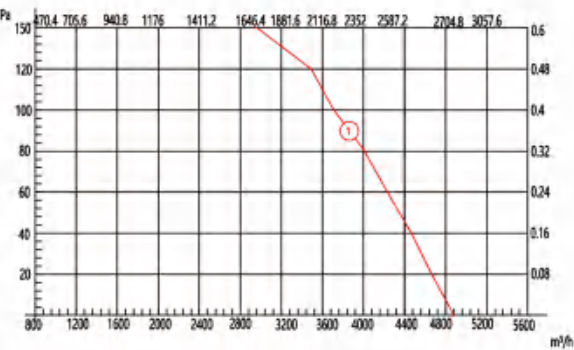
Description (简介)

|                         |            |
|-------------------------|------------|
| Motor technology :      | 电机类型:      |
| Impeller : PA66 Plastic | 风轮:PA66 塑料 |
| Rotor : Steel           | 转子: 钢板     |
| Type of protection:IP44 | 防护等级: IP44 |
| Insulation class: F     | 绝缘等级: F    |
| Mounting position : Any | 安装方式: 任意   |

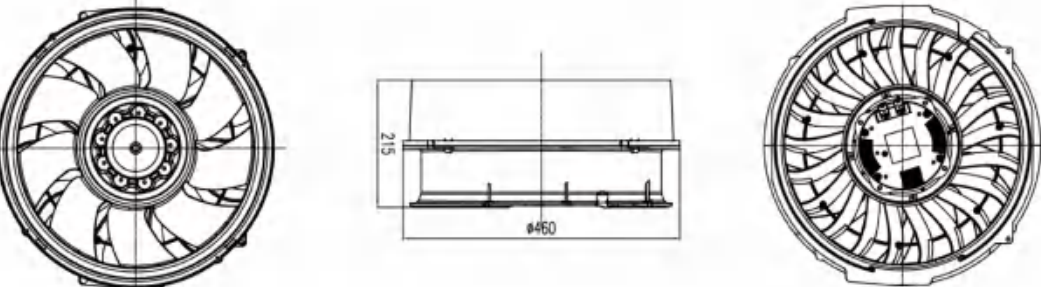
Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 风量<br>AIRFLOW<br>M3/H | 曲线<br>CURVE |
|-------------|----------------------|--------------------------|-----------------------|--------------------|-----------------------|-------------|
| EC102G400SD | 230                  | 500                      | 50/60                 | 1800               | 4860                  | ①           |

Airflow (风量曲线)



Dimensions (外形尺寸)



# DC AXIAL FLOW FAN



## DC 轴流风扇 DC Axial Flow Fan

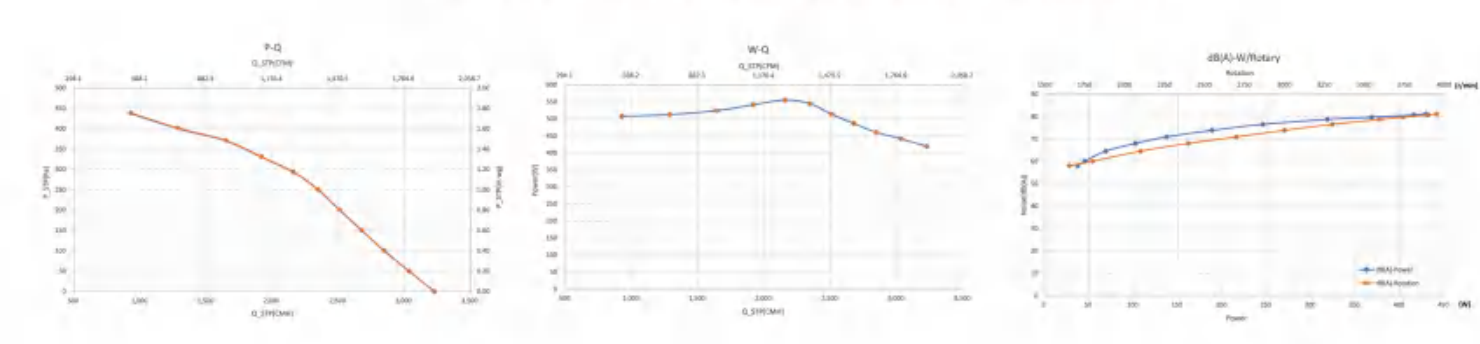
### Description (简介)

|                                                                    |                |
|--------------------------------------------------------------------|----------------|
| Motor technology :DC                                               | 电机类型: DC       |
| Impeller: PA66                                                     | 风轮: PA66       |
| Rotor: Silicon Steel Sheet                                         | 转子: 矽钢片        |
| Type of protection:IP67                                            | 防护等级: IP67     |
| Insulation class: F                                                | 绝缘等级: F        |
| Mounting Position: The axis is horizontal and the axis is vertical | 安装方式: 轴水平, 轴垂直 |

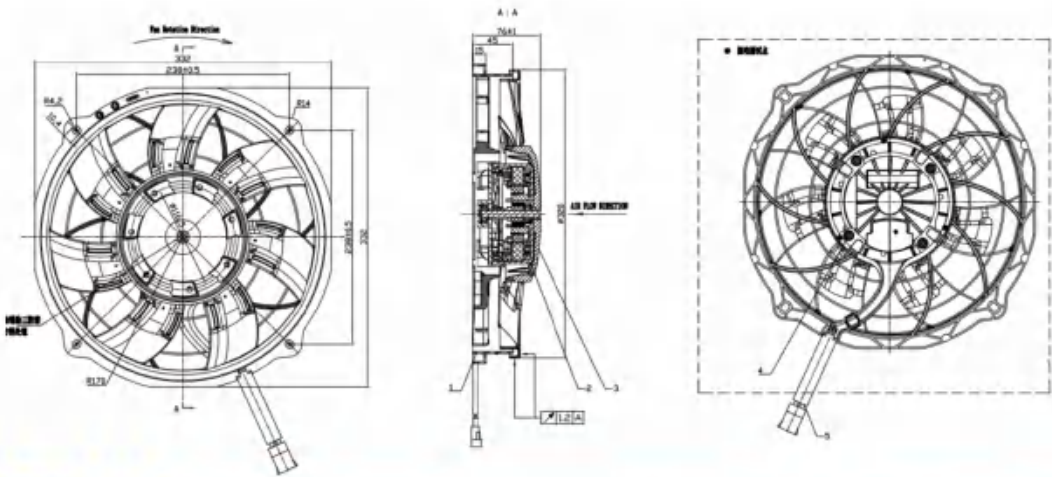
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 工作电压范围<br>NOMINAL VOLTAGE<br>RAGE | 输入功率<br>INPUT POWER<br>W ±10% | 转速<br>SPEED<br>RPM | 风量<br>AIR FLOW<br>CFM M3/h ±10% | 噪音<br>NOISE LEVEL<br>LP DB(A) |
|-------------|----------------------|-----------------------------------|-------------------------------|--------------------|---------------------------------|-------------------------------|
| DC64G300    | 26                   | 16-32VDC                          | 418                           | 3960               | 3200                            | <82                           |

### Air flow pressure 风量风压曲线 (P - Q曲线)



### Dimensions (外形尺寸)



## DC 轴流风扇 DC Axial Flow Fan

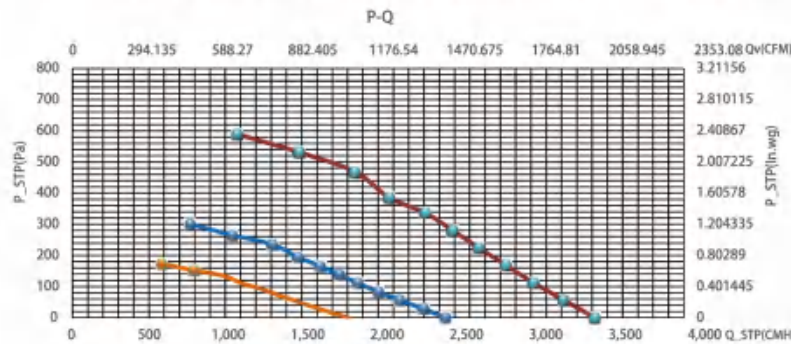
### Description (简介)

|                                                                    |                |
|--------------------------------------------------------------------|----------------|
| Motor technology :DC                                               | 电机类型: DC       |
| Impeller: PA66                                                     | 风轮: PA66       |
| Rotor: Silicon Steel Sheet                                         | 转子: 矽钢片        |
| Type of protection:IP67                                            | 防护等级: IP67     |
| Insulation class: F                                                | 绝缘等级: F        |
| Mounting Position: The axis is horizontal and the axis is vertical | 安装方式: 轴水平, 轴垂直 |

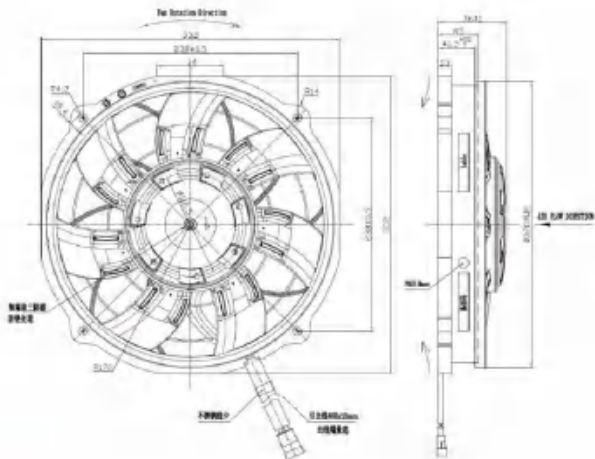
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 工作电压范围<br>NOMINAL VOLTAGE<br>RAGE | 输入功率<br>INPUT POWER<br>W ±10% | 转速<br>SPEED<br>RPM | 风量<br>AIR FLOW<br>CFM M3/h ±10% | 噪音<br>NOISE LEVEL<br>LP DB(A) |
|-------------|----------------------|-----------------------------------|-------------------------------|--------------------|---------------------------------|-------------------------------|
| DC64G310    | 315                  | 280-380VDC                        | 580                           | 4200               | 3500                            | <85                           |

### Air flow pressure 风量风压曲线 (P - Q曲线)



### Dimensions (外形尺寸)



# DC/EC CENTRIFUGAL FAN

DC/EC 离心风机系列



The series of the EC&DC centrifugal fans adopt the EC&DC high efficiency motors. The voltage includes DC 24V, DC48V, AC110, AC220, frequency 50/60Hz. Apply to the occasions of high-volume airflow, high voltage, high resistance, and low noise, such as the air purifier and roof ventilator.

狮球EC&DC离心风机系列，全系列采用EC&DC高效电机，电压范围覆盖DC 24V,DC48V,AC110, AC220,频率50/60Hz.适用于大流量，高压，系统阻力大，噪声要求高的场合。例如空气净化器，屋顶风机等场合。



# DC/EC CENTRIFUGAL FAN

## EC 无蜗壳风机 250mm ECK Centrifugal Plug Fans 250mm



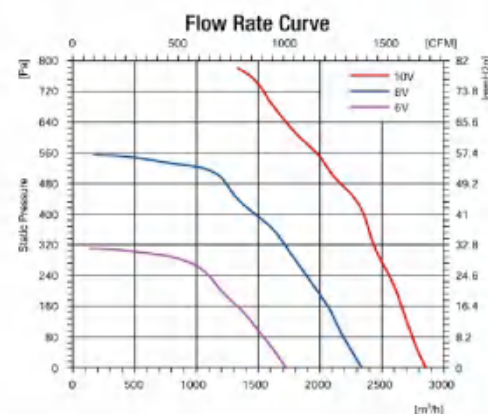
### Description (简介)

|                                                 |                             |
|-------------------------------------------------|-----------------------------|
| Motor technology: EC External rotor             | 电机技术: EC外转子                 |
| Supply voltage: single phase , 200-277V,50/60Hz | 工作电压: 单相, 200-277V, 50/60Hz |
| Mode of Operation: S1                           | 电机工作制: S1连续工作制              |
| Protection Class: IP54                          | 电机防护等级: IP54                |
| Insulation Class: F                             | 电机绝缘等级: F                   |
| Bearings: Maintenance-free ball bearings        | 轴承: 免维护深沟球轴承                |
| Impeller Type: Backward curved                  | 风轮类型: 后倾                    |
| Impeller Material: Aluminum Sheet               | 风轮材料: 铝板                    |
| Rotation: CCW,seen on the leads                 | 风轮旋向: 逆时针, 从引出线端看过去         |
| Perm.amb.temp: -30°C ~ +50°C                    | 工作环境温度: -30°C ~ +50°C       |
| Controller Integrated: 0-10V/PWM/RS-485         | 内部集成控制器: 0-10V/PWM/RS-485   |

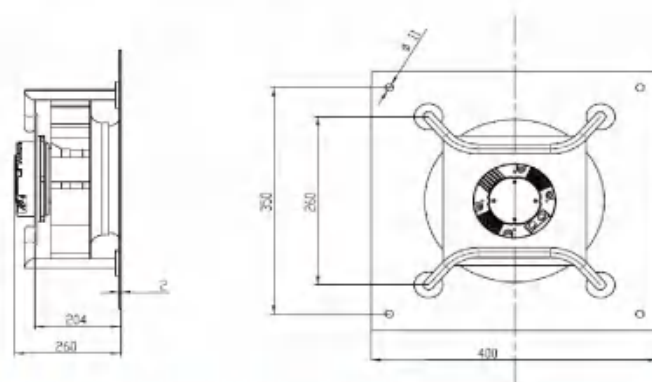
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 噪音<br>NOISE<br>dB(A) | 重量<br>WEIGHT<br>KG |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|----------------------|--------------------|
| ECK250      | 230                  | 540                      | 50/60                 | 3100               | 2.38                     | 2850                  | 74                   | 9.7                |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



## EC 无蜗壳风机 280mm ECK Centrifugal Plug Fans 280mm



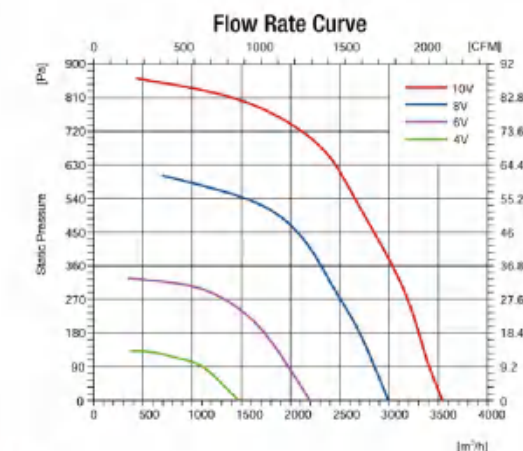
### Description (简介)

|                                                 |                             |
|-------------------------------------------------|-----------------------------|
| Motor technology: EC External rotor             | 电机技术: EC外转子                 |
| Supply voltage: single phase , 200-277V,50/60Hz | 工作电压: 单相, 200-277V, 50/60Hz |
| Mode of Operation: S1                           | 电机工作制: S1连续工作制              |
| Protection Class: IP54                          | 电机防护等级: IP54                |
| Insulation Class: F                             | 电机绝缘等级: F                   |
| Bearings: Maintenance-free ball bearings        | 轴承: 免维护深沟球轴承                |
| Impeller Type: Backward curved                  | 风轮类型: 后倾                    |
| Impeller Material: Aluminum Sheet               | 风轮材料: 铝板                    |
| Rotation: CCW,seen on the leads                 | 风轮旋向: 逆时针, 从引出线端看过去         |
| Perm.amb.temp: -30°C ~ +50°C                    | 工作环境温度: -30°C ~ +50°C       |
| Controller Integrated: 0-10V/PWM/RS-485         | 内部集成控制器: 0-10V/PWM/RS-485   |

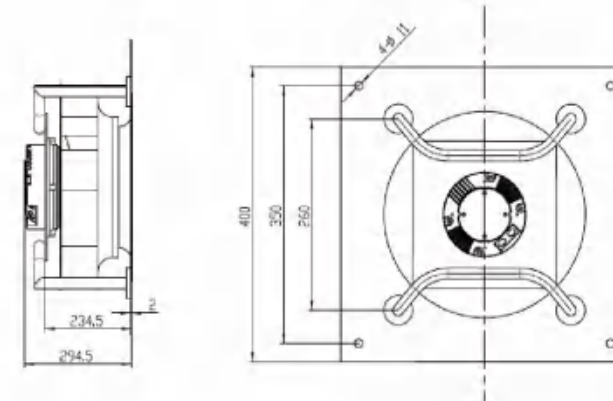
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 噪音<br>NOISE<br>dB(A) | 重量<br>WEIGHT<br>KG |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|----------------------|--------------------|
| ECK280      | 230                  | 745                      | 50/60                 | 2800               | 5.43                     | 3500                  | 83                   | 12.0               |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



# DC/EC CENTRIFUGAL FAN



## EC 无蜗壳风机 310mm ECK Centrifugal Plug Fans 310mm



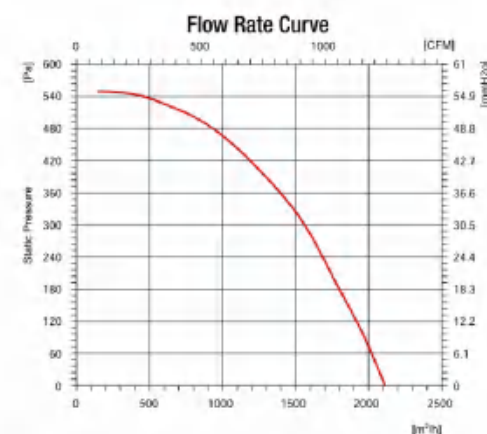
### Description (简介)

|                                                 |                             |
|-------------------------------------------------|-----------------------------|
| Motor technology: EC External rotor             | 电机技术: EC外转子                 |
| Supply voltage: single phase , 200-277V,50/60Hz | 工作电压: 单相, 200-277V, 50/60Hz |
| Mode of Operation: S1                           | 电机工作制: S1连续工作制              |
| Protection Class: IP54                          | 电机防护等级: IP54                |
| Insulation Class: F                             | 电机绝缘等级: F                   |
| Bearings: Maintenance-free ball bearings        | 轴承: 免维护深沟球轴承                |
| Impeller Type: Backward curved                  | 风轮类型: 后倾                    |
| Impeller Material: Aluminum Sheet               | 风轮材料: 铝板                    |
| Rotation: CCW,seen on the leads                 | 风轮旋向: 逆时针, 从引出线端看过去         |
| Perm.amb.temp: -30°C ~ +50°C                    | 工作环境温度: -30°C ~ +50°C       |
| Controller Integrated: 0-10V/PWM/RS-485         | 内部集成控制器: 0-10V/PWM/RS-485   |

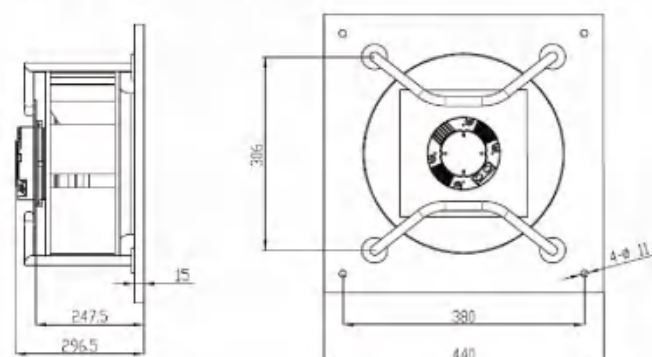
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 噪音<br>NOISE<br>dB(A) | 重量<br>WEIGHT<br>KG |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|----------------------|--------------------|
| ECK310      | 230                  | 410                      | 50/60                 | 2000               | 3.3                      | 3400                  | 69                   | 11.0               |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



## EC 无蜗壳风机 355mm ECK Centrifugal Plug Fans 355mm



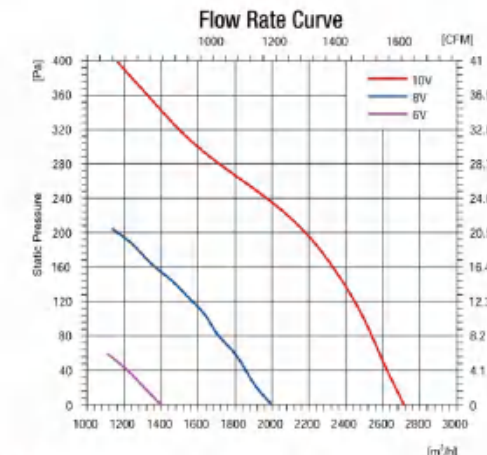
### Description (简介)

|                                                 |                             |
|-------------------------------------------------|-----------------------------|
| Motor technology: EC External rotor             | 电机技术: EC外转子                 |
| Supply voltage: single phase , 200-277V,50/60Hz | 工作电压: 单相, 200-277V, 50/60Hz |
| Mode of Operation: S1                           | 电机工作制: S1连续工作制              |
| Protection Class: IP54                          | 电机防护等级: IP54                |
| Insulation Class: F                             | 电机绝缘等级: F                   |
| Bearings: Maintenance-free ball bearings        | 轴承: 免维护深沟球轴承                |
| Impeller Type: Backward curved                  | 风轮类型: 后倾                    |
| Impeller Material: Aluminum Sheet               | 风轮材料: 铝板                    |
| Rotation: CCW,seen on the leads                 | 风轮旋向: 逆时针, 从引出线端看过去         |
| Perm.amb.temp: -30°C ~ +50°C                    | 工作环境温度: -30°C ~ +50°C       |
| Controller Integrated: 0-10V/PWM/RS-485         | 内部集成控制器: 0-10V/PWM/RS-485   |

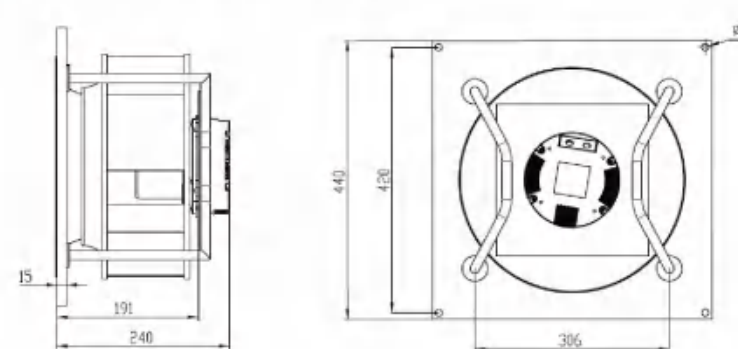
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 噪音<br>NOISE<br>dB(A) | 重量<br>WEIGHT<br>KG |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|----------------------|--------------------|
| ECK355      | 230                  | 270                      | 50/60                 | 1550               | 2.3                      | 2700                  | 70                   | 14.0               |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



# DC/EC CENTRIFUGAL FAN

## EC 无蜗壳风机 400mm ECK Centrifugal Plug Fans 400mm



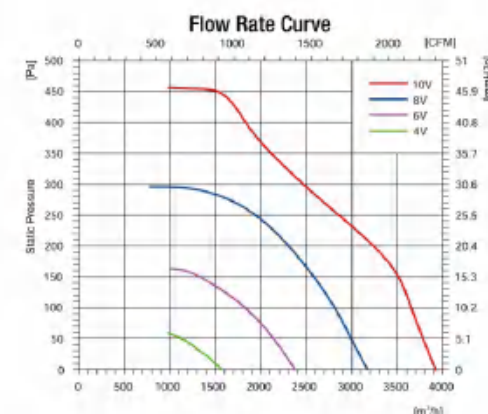
### Description (简介)

|                                                 |                             |
|-------------------------------------------------|-----------------------------|
| Motor technology: EC External rotor             | 电机技术: EC外转子                 |
| Supply voltage: single phase , 200-277V,50/60Hz | 工作电压: 单相, 200-277V, 50/60Hz |
| Mode of Operation: S1                           | 电机工作制: S1连续工作制              |
| Protection Class: IP54                          | 电机防护等级: IP54                |
| Insulation Class: F                             | 电机绝缘等级: F                   |
| Bearings: Maintenance-free ball bearings        | 轴承: 免维护深沟球轴承                |
| Impeller Type: Backward curved                  | 风轮类型: 后倾                    |
| Impeller Material: Aluminum Sheet               | 风轮材料: 铝板                    |
| Rotation: CCW,seen on the leads                 | 风轮旋向: 逆时针, 从引出线端看过去         |
| Perm.amb.temp: -30°C ~ +50°C                    | 工作环境温度: -30°C ~ +50°C       |
| Controller Integrated: 0-10V/PWM/RS-485         | 内部集成控制器: 0-10V/PWM/RS-485   |

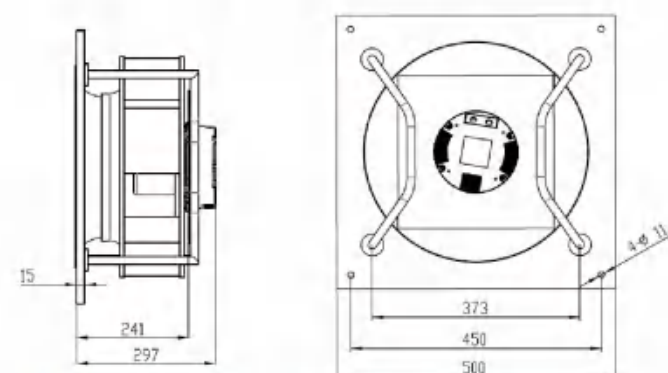
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 噪音<br>NOISE<br>dB(A) | 重量<br>WEIGHT<br>KG |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|----------------------|--------------------|
| ECK400      | 230                  | 370                      | 50/60                 | 1500               | 1.65                     | 3920                  | 67                   | 14.5               |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



## EC 无蜗壳风机 450mm ECK Centrifugal Plug Fans 450mm



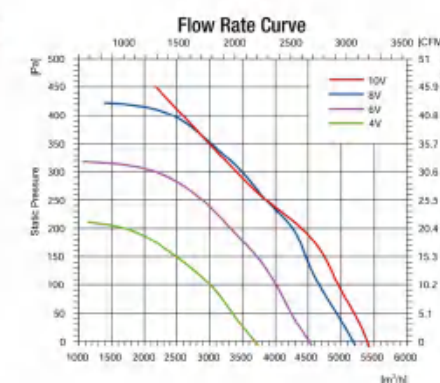
### Description (简介)

|                                                 |                             |
|-------------------------------------------------|-----------------------------|
| Motor technology: EC External rotor             | 电机技术: EC外转子                 |
| Supply voltage: single phase , 200-277V,50/60Hz | 工作电压: 单相, 200-277V, 50/60Hz |
| Mode of Operation: S1                           | 电机工作制: S1连续工作制              |
| Protection Class: IP54                          | 电机防护等级: IP54                |
| Insulation Class: F                             | 电机绝缘等级: F                   |
| Bearings: Maintenance-free ball bearings        | 轴承: 免维护深沟球轴承                |
| Impeller Type: Backward curved                  | 风轮类型: 后倾                    |
| Impeller Material: Aluminum Sheet               | 风轮材料: 铝板                    |
| Rotation: CCW,seen on the leads                 | 风轮旋向: 逆时针, 从引出线端看过去         |
| Perm.amb.temp: -30°C ~ +50°C                    | 工作环境温度: -30°C ~ +50°C       |
| Controller Integrated: 0-10V/PWM/RS-485         | 内部集成控制器: 0-10V/PWM/RS-485   |

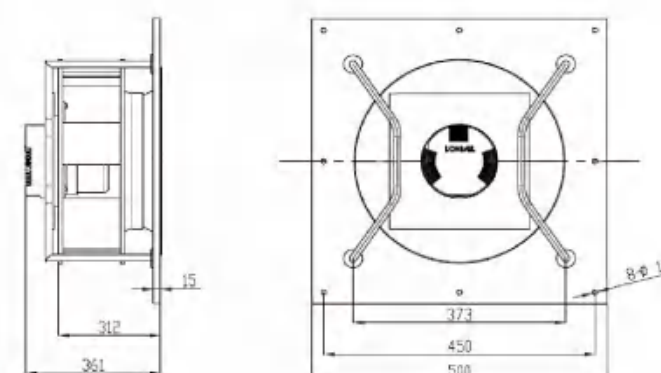
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 噪音<br>NOISE<br>dB(A) | 重量<br>WEIGHT<br>KG |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|----------------------|--------------------|
| ECK450      | 230                  | 562                      | 50/60                 | 1300               | 4.38                     | 5500                  | 74                   | 23.0               |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



# DC/EC CENTRIFUGAL FAN

## EC 无蜗壳风机 500mm ECK Centrifugal Plug Fans 500mm



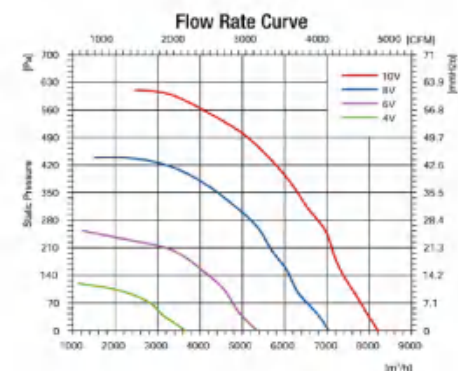
### Description (简介)

|                                          |                           |
|------------------------------------------|---------------------------|
| Motor technology: EC External rotor      | 电机技术: EC外转子               |
| Supply voltage: Three phase, 50/60Hz     | 工作电压: 三相, 50/60Hz         |
| Mode of Operation: S1                    | 电机工作制: S1连续工作制            |
| Protection Class: IP54                   | 电机防护等级: IP54              |
| Insulation Class: F                      | 电机绝缘等级: F                 |
| Bearings: Maintenance-free ball bearings | 轴承: 免维护深沟球轴承              |
| Impeller Type: Backward curved           | 风轮类型: 后倾                  |
| Impeller Material: Aluminum Sheet        | 风轮材料: 铝板                  |
| Rotation: CCW, seen on the leads         | 风轮转向: 逆时针, 从引出线端看过去       |
| Perm. amb. temp: -30°C ~ +50°C           | 工作环境温度: -30°C ~ +50°C     |
| Controller Integrated: 0-10V/PWM/RS-485  | 内部集成控制器: 0-10V/PWM/RS-485 |

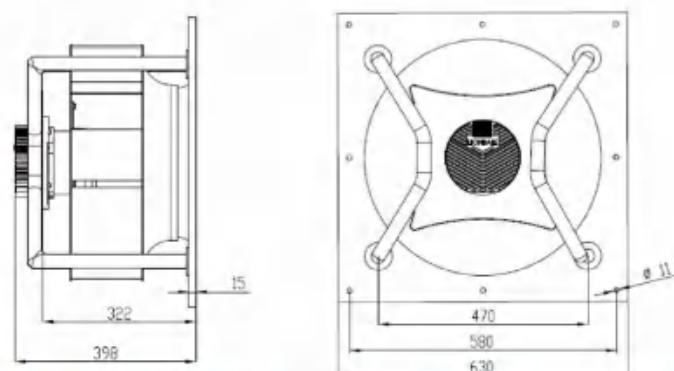
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 噪音<br>NOISE<br>dB(A) | 重量<br>WEIGHT<br>KG |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|----------------------|--------------------|
| ECK500      | 400                  | 1250                     | 50/60                 | 1470               | 2.1                      | 8200                  | 72                   | 35.0               |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



## EC 无蜗壳风机 500mm ECK Centrifugal Plug Fans 500mm



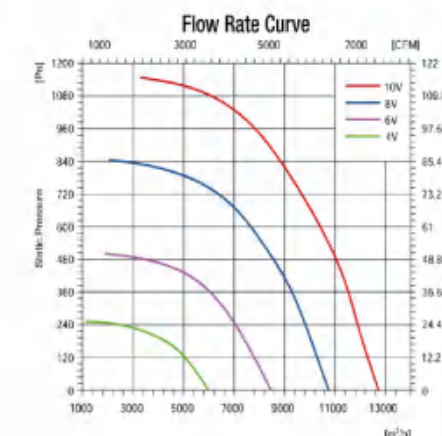
### Description (简介)

|                                          |                           |
|------------------------------------------|---------------------------|
| Motor technology: EC External rotor      | 电机技术: EC外转子               |
| Supply voltage: Three phase, 50/60Hz     | 工作电压: 三相, 50/60Hz         |
| Mode of Operation: S1                    | 电机工作制: S1连续工作制            |
| Protection Class: IP54                   | 电机防护等级: IP54              |
| Insulation Class: F                      | 电机绝缘等级: F                 |
| Bearings: Maintenance-free ball bearings | 轴承: 免维护深沟球轴承              |
| Impeller Type: Backward curved           | 风轮类型: 后倾                  |
| Impeller Material: Aluminum Sheet        | 风轮材料: 铝板                  |
| Rotation: CCW, seen on the leads         | 风轮转向: 逆时针, 从引出线端看过去       |
| Perm. amb. temp: -30°C ~ +50°C           | 工作环境温度: -30°C ~ +50°C     |
| Controller Integrated: 0-10V/PWM/RS-485  | 内部集成控制器: 0-10V/PWM/RS-485 |

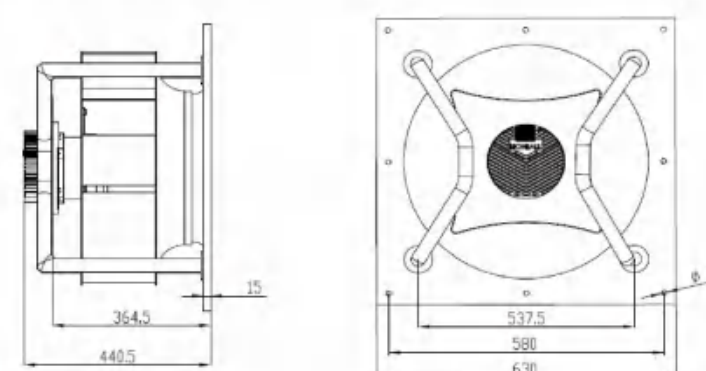
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 噪音<br>NOISE<br>dB(A) | 重量<br>WEIGHT<br>KG |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|----------------------|--------------------|
| ECK500      | 400                  | 3460                     | 50/60                 | 1830               | 5.75                     | 12660                 | 86                   | 41.0               |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



# DC/EC CENTRIFUGAL FAN



## EC 无蜗壳风机 560mm ECK Centrifugal Plug Fans 560mm



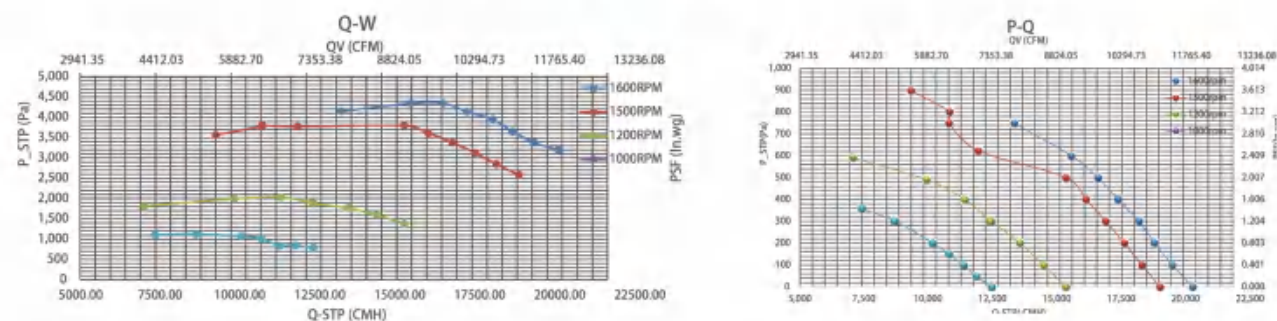
### Description (简介)

|                                          |                           |
|------------------------------------------|---------------------------|
| Motor technology: EC External rotor      | 电机技术: EC外转子               |
| Supply voltage: Three phase, 50/60Hz     | 工作电压: 三相, 50/60Hz         |
| Mode of Operation: S1                    | 电机工作制: S1连续工作制            |
| Protection Class: IP54                   | 电机防护等级: IP54              |
| Insulation Class: F                      | 电机绝缘等级: F                 |
| Bearings: Maintenance-free ball bearings | 轴承: 免维护深沟球轴承              |
| Impeller Type: Backward curved           | 风轮类型: 后倾                  |
| Impeller Material: Aluminum Sheet        | 风轮材料: 铝板                  |
| Rotation: CCW, seen on the leads         | 风轮旋向: 逆时针, 从引出线端看过去       |
| Perm. amb. temp: -30°C ~ +50°C           | 工作环境温度: -30°C ~ +50°C     |
| Controller Integrated: 0-10V/PWM/RS-485  | 内部集成控制器: 0-10V/PWM/RS-485 |

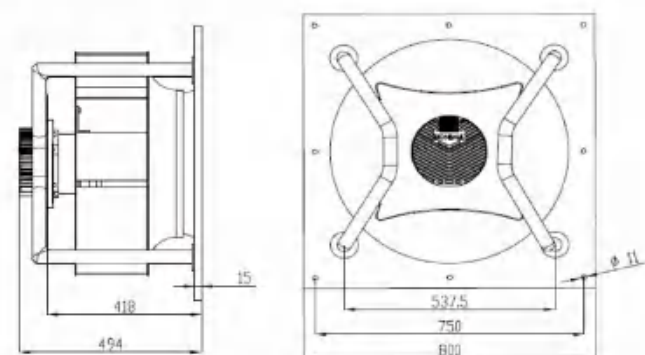
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 噪音<br>NOISE<br>dB(A) | 重量<br>WEIGHT<br>KG |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|----------------------|--------------------|
| ECK560      | 400                  | 3100                     | 50/60                 | 1470               | 4.9                      | 13500                 | 81                   | 44.0               |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



## EC 无蜗壳风机 630mm ECK Centrifugal Plug Fans 630mm



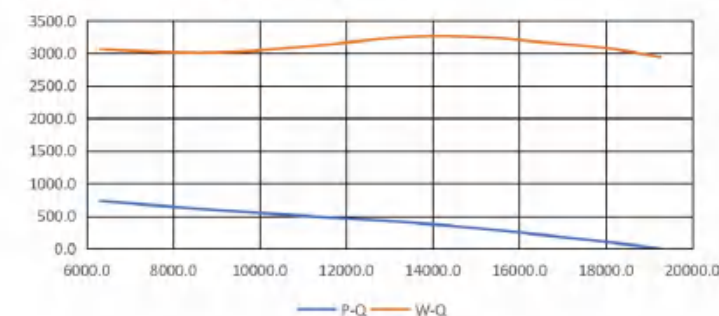
### Description (简介)

|                                           |                           |
|-------------------------------------------|---------------------------|
| Motor technology: EC External rotor       | 电机技术: EC外转子               |
| Supply voltage: Three phase 380V, 50/60Hz | 工作电压: 三相380V, 50/60Hz     |
| Mode of Operation: S1                     | 电机工作制: S1连续工作制            |
| Protection Class: IP54                    | 电机防护等级: IP54              |
| Insulation Class: F                       | 电机绝缘等级: F                 |
| Bearings: Maintenance-free ball bearings  | 轴承: 免维护深沟球轴承              |
| Impeller Type: Backward curved            | 风轮类型: 后倾                  |
| Impeller Material: Aluminum Sheet         | 风轮材料: 铝板                  |
| Rotation: CCW, seen on the leads          | 风轮旋向: 逆时针, 从引出线端看过去       |
| Perm. amb. temp: -25°C ~ +60°C            | 工作环境温度: -25°C ~ +60°C     |
| Controller Integrated: 0-10V/PWM/RS-485   | 内部集成控制器: 0-10V/PWM/RS-485 |

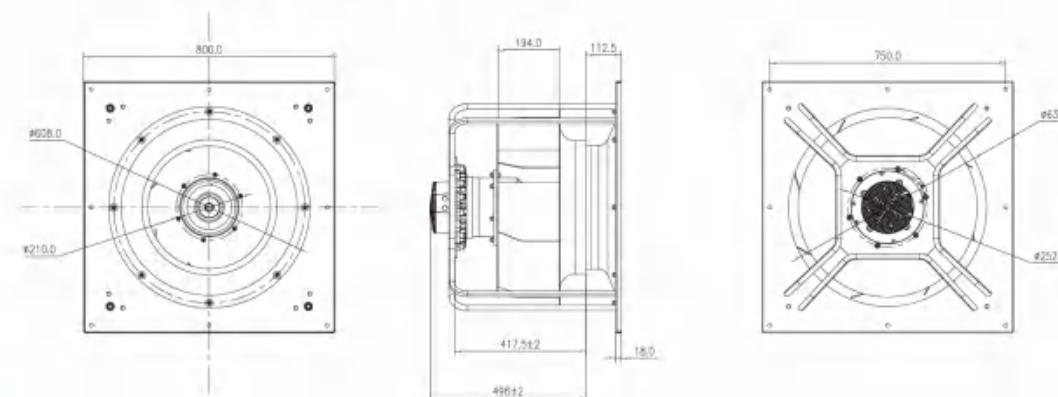
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 噪音<br>NOISE<br>dB(A) | 重量<br>WEIGHT<br>KG |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|----------------------|--------------------|
| EC180K630   | 3-380                | 3300                     | 50/60                 | 300~1550           | 5.5                      | 19259                 | ≤82                  | 44.0               |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



46YEARS  
TECHNOLOGY  
ACCUMULATION  
& BRAND  
REPUTATION

# DC/EC CENTRIFUGAL FAN



## EC 后倾离心风扇 133mm ECB Centrifugal Fan Size 133mm



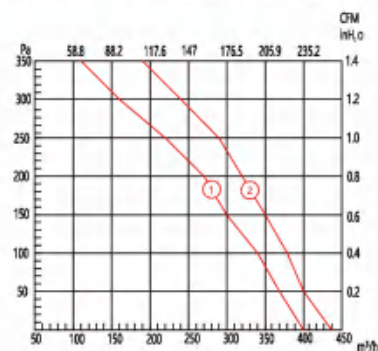
### Description (简介)

|                                     |                       |
|-------------------------------------|-----------------------|
| Motor technology :EC                | 电机类型：EC               |
| Impeller : Plastic                  | 风轮：塑料                 |
| Rotor : Steel                       | 转子：钢板                 |
| Type of protection:IP54             | 防护等级：IP54             |
| Insulation class: F                 | 绝缘等级：F                |
| Mounting position : Any             | 安装方式：任意               |
| Temperature:-30℃~+50℃               | 工作温度：-30℃~+50℃        |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式：0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                  |
| Protection: Over voltage/Lock Rotor | 电子保护：过压/堵转            |

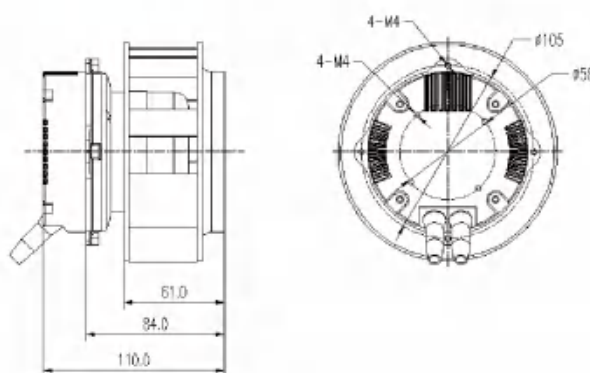
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 曲线<br>CURVE |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|-------------|
| ECB133      | 230                  | 40                       | 50/60                 | 4400               | 0.35                     | 400                   | ①           |
| ECB133      | 230                  | 50                       | 50/60                 | 4800               | 0.44                     | 440                   | ②           |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



## EC 后倾离心风扇 175mm ECB Centrifugal Fan Size 175mm



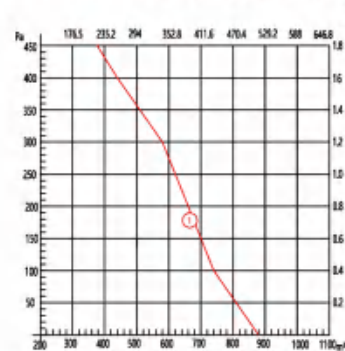
### Description (简介)

|                                     |                       |
|-------------------------------------|-----------------------|
| Motor technology :EC                | 电机类型：EC               |
| Impeller : Plastic                  | 风轮：塑料                 |
| Rotor : Steel                       | 转子：钢板                 |
| Type of protection:IP54             | 防护等级：IP54             |
| Insulation class: F                 | 绝缘等级：F                |
| Mounting position : Any             | 安装方式：任意               |
| Temperature:-30℃~+50℃               | 工作温度：-30℃~+50℃        |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式：0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                  |
| Protection: Over voltage/Lock Rotor | 电子保护：过压/堵转            |

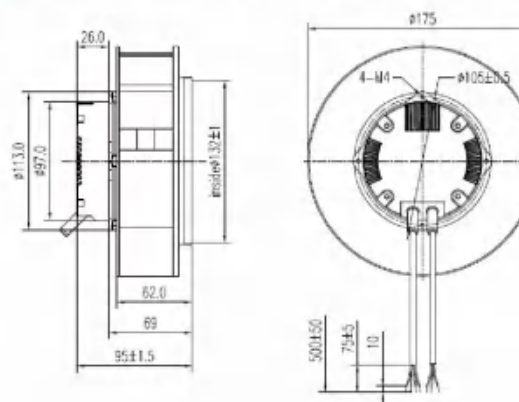
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 曲线<br>CURVE |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|-------------|
| ECB175      | 230                  | 120                      | 50/60                 | 4200               | 1.14                     | 870                   | ①           |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



# DC/EC CENTRIFUGAL FAN



## EC 后倾离心风扇 190mm ECB Centrifugal Fan Size 190mm



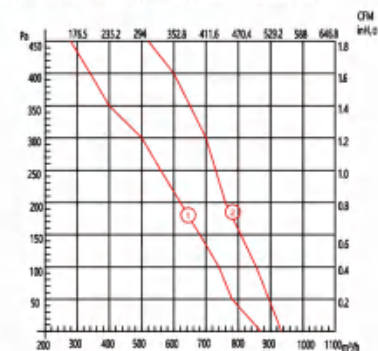
### Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Impeller : Plastic                  | 风轮: 塑料                 |
| Rotor : Steel                       | 转子:钢板                  |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-30°C~+50°C             | 工作温度: -30°C~+50°C      |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

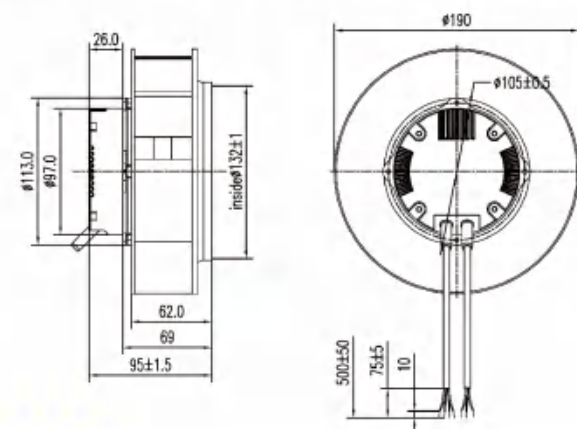
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 曲线<br>CURVE |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|-------------|
| ECB190      | 230                  | 120                      | 50/60                 | 3800               | 1.1                      | 870                   | ①           |
| ECB190      | 230                  | 170                      | 50/60                 | 4200               | 1.27                     | 930                   | ②           |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



## EC 后倾离心风扇 220mm ECB Centrifugal Fan Size 220mm



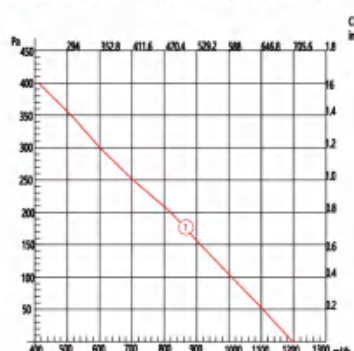
### Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Impeller : Plastic                  | 风轮: 塑料                 |
| Rotor : Steel                       | 转子:钢板                  |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-30°C~+50°C             | 工作温度: -30°C~+50°C      |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

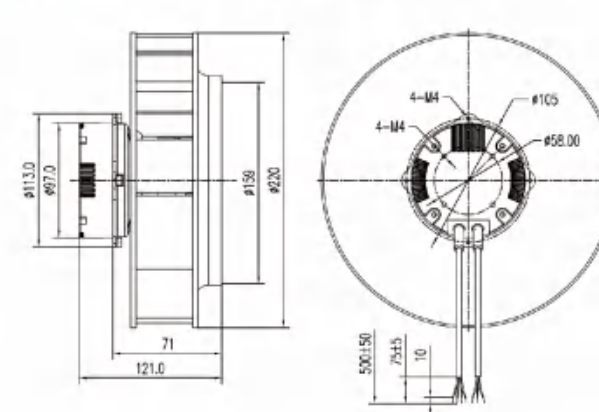
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 曲线<br>CURVE |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|-------------|
| ECB220      | 230                  | 120                      | 50/60                 | 3000               | 0.98                     | 1190                  | ①           |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



# DC/EC CENTRIFUGAL FAN



## EC 后倾离心风扇 225mm ECB Centrifugal Fan Size 225mm



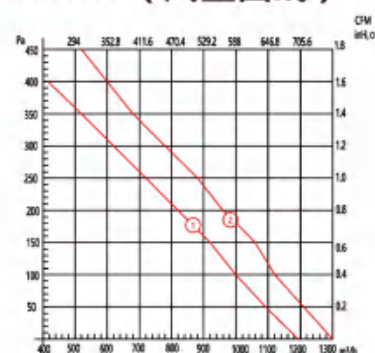
### Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Impeller : Plastic/Steel            | 风轮: 塑料或钢               |
| Rotor : Steel                       | 转子:钢板                  |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-30℃~+50℃               | 工作温度: -30℃~+50℃        |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

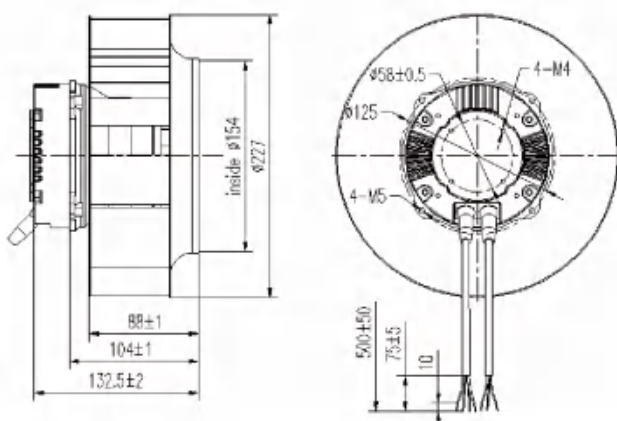
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 曲线<br>CURVE |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|-------------|
| ECB225      | 230                  | 120                      | 50/60                 | 2800               | 1.08                     | 1190                  | ①           |
| ECB225      | 230                  | 160                      | 50/60                 | 3000               | 1.28                     | 1300                  | ②           |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



## EC 后倾离心风扇 250mm ECB Centrifugal Fan Size 250mm



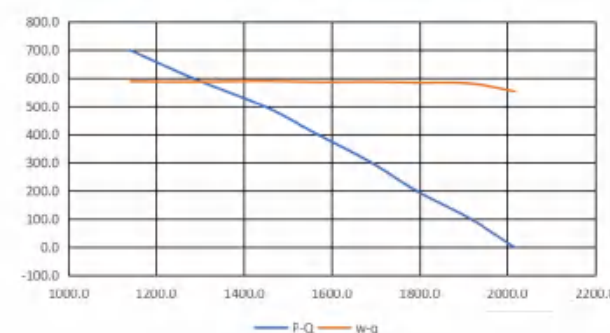
### Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Impeller : Plastic/Steel            | 风轮: 塑料或钢               |
| Rotor : Steel                       | 转子:钢板                  |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-25℃~+60℃               | 工作温度: -25℃~+60℃        |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

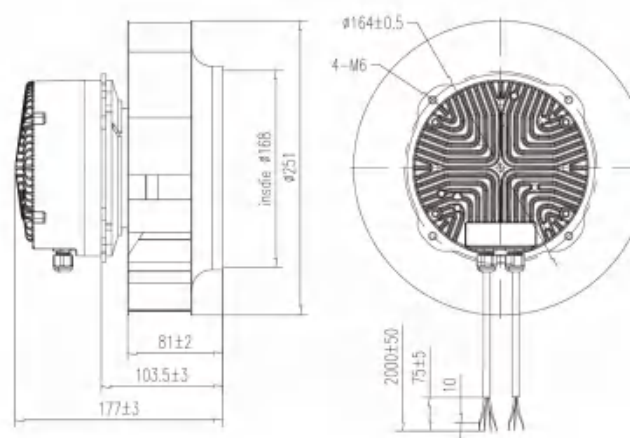
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|
| EC102B250   | 220                  | 600                      | 50/60                 | 4000               | 3.40                     | 2016                  |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



# DC/EC CENTRIFUGAL FAN



## EC 后倾离心风扇 280mm ECB Centrifugal Fan Size 280mm



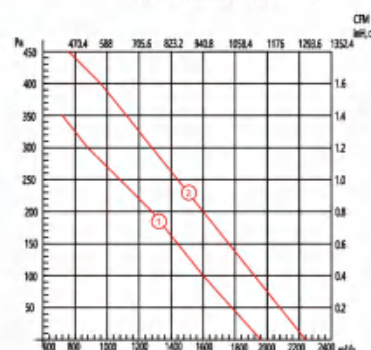
### Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Impeller : Steel/Aluminum           | 风轮: 钢或铝                |
| Rotor : Steel                       | 转子:钢板                  |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-30°C~+50°C             | 工作温度: -30°C~+50°C      |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

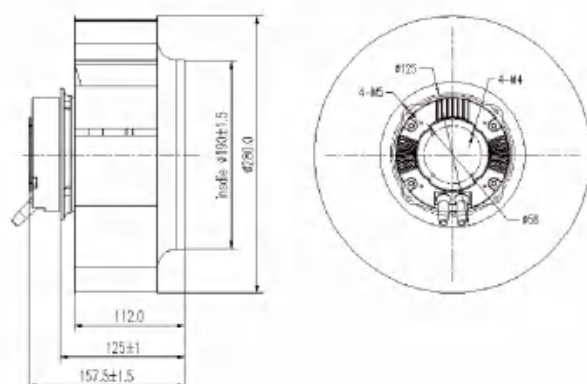
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 曲线<br>CURVE |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|-------------|
| ECB280      | 230                  | 170                      | 50/60                 | 2000               | 1.4                      | 1960                  | ①           |
| ECB280      | 230                  | 250                      | 50/60                 | 2400               | 1.95                     | 2230                  | ②           |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



## EC 后倾离心风扇 310mm ECB Centrifugal Fan Size 310mm



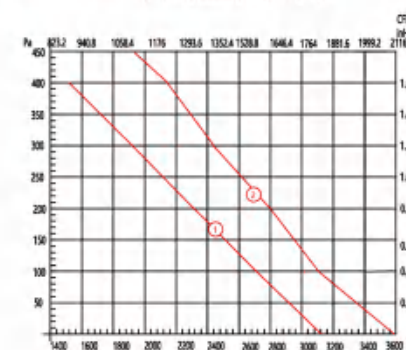
### Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Impeller : Aluminum                 | 风轮: 铝                  |
| Rotor : Steel                       | 转子:钢板                  |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-30°C~+50°C             | 工作温度: -30°C~+50°C      |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

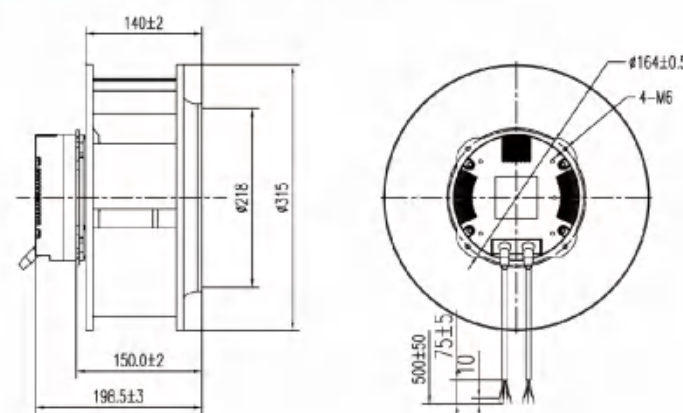
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 曲线<br>CURVE |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|-------------|
| ECB310      | 230                  | 350                      | 50/60                 | 2200               | 1.6                      | 3120                  | ①           |
| ECB310      | 230                  | 500                      | 50/60                 | 2500               | 2.2                      | 3600                  | ②           |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



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ACCUMULATION  
& BRAND  
REPUTATION

# DC/EC CENTRIFUGAL FAN

## EC 后倾离心风扇 355mm ECB Centrifugal Fan Size 355mm



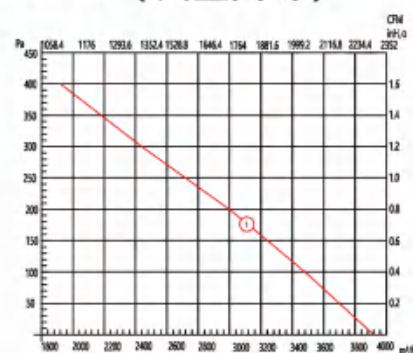
### Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Impeller : Aluminum                 | 风轮: 铝                  |
| Rotor : Steel                       | 转子:钢板                  |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-30°C~+50°C             | 工作温度: -30°C~+50°C      |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

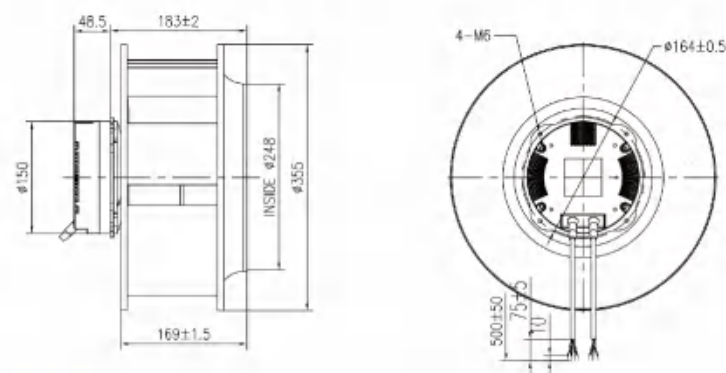
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 曲线<br>CURVE |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|-------------|
| ECB355      | 230                  | 500                      | 50/60                 | 2100               | 2.2                      | 3930                  | ①           |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



## EC 后倾离心风扇 400mm ECB Centrifugal Fan Size 400mm



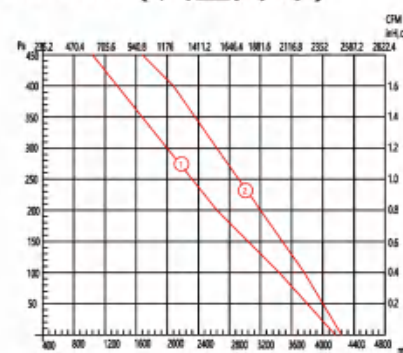
### Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Impeller : Aluminum                 | 风轮: 铝                  |
| Rotor : Steel                       | 转子:钢板                  |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-30°C~+50°C             | 工作温度: -30°C~+50°C      |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

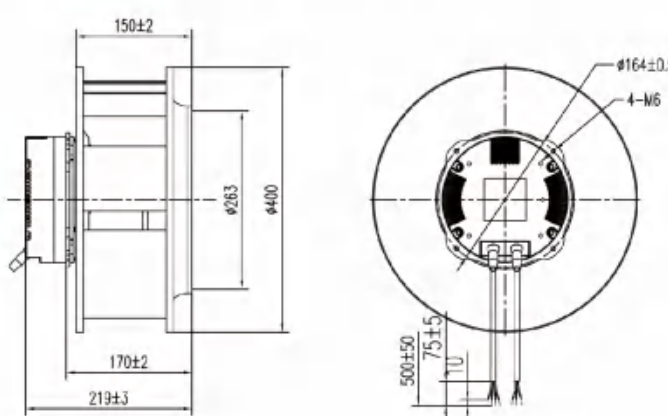
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 曲线<br>CURVE |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|-------------|
| ECB400      | 230                  | 350                      | 50/60                 | 1600               | 1.6                      | 4150                  | ①           |
| ECB400      | 230                  | 500                      | 50/60                 | 1800               | 2.2                      | 4250                  | ②           |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



# DC/EC CENTRIFUGAL FAN

## EC 后倾离心风扇 450mm ECB Centrifugal Fan Size 450mm



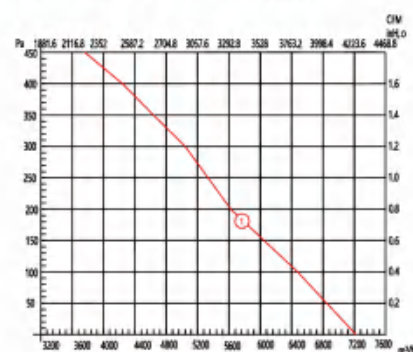
### Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Impeller : Aluminum                 | 风轮: 铝                  |
| Rotor : Steel                       | 转子:钢板                  |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-30°C~+50°C             | 工作温度: -30°C~+50°C      |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

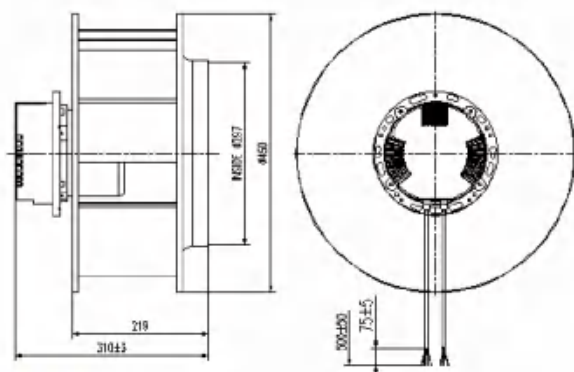
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 曲线<br>CURVE |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|-------------|
| ECB450      | 380                  | 980                      | 50/60                 | 1650               | 1.8                      | 7220                  | ①           |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



## EC 后倾离心风扇 500mm ECB Centrifugal Fan Size 500mm



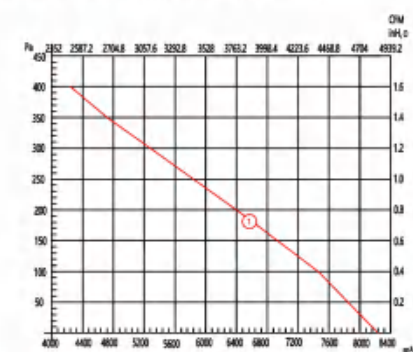
### Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Impeller : Aluminum                 | 风轮: 铝                  |
| Rotor : Steel                       | 转子:钢板                  |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-30°C~+50°C             | 工作温度: -30°C~+50°C      |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

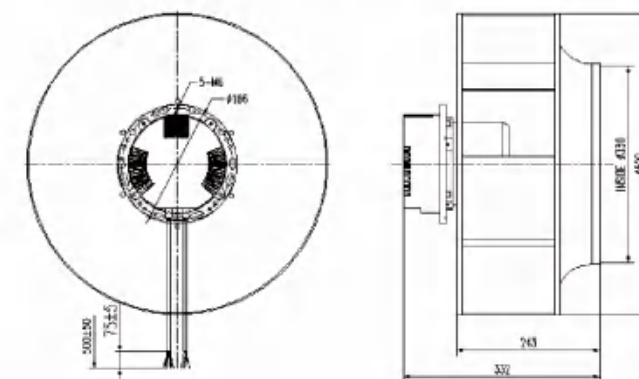
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 曲线<br>CURVE |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|-------------|
| ECB500      | 380                  | 980                      | 50/60                 | 1400               | 1.8                      | 8260                  | ①           |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



# DC/EC CENTRIFUGAL FAN



## DC 离心风扇 175mm/190mm DCB Centrifugal Fan Size 175mm/190mm



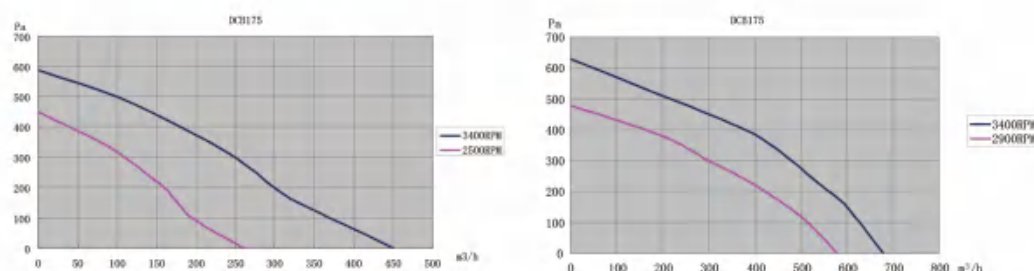
### Description (简介)

|                          |               |
|--------------------------|---------------|
| Motor technology (电机类型): | DC            |
| Material (材料):           | Plastic 塑料    |
| Insulation class (绝缘等级): | B             |
| Temperature (工作温度):      | -20°C ~ +50°C |

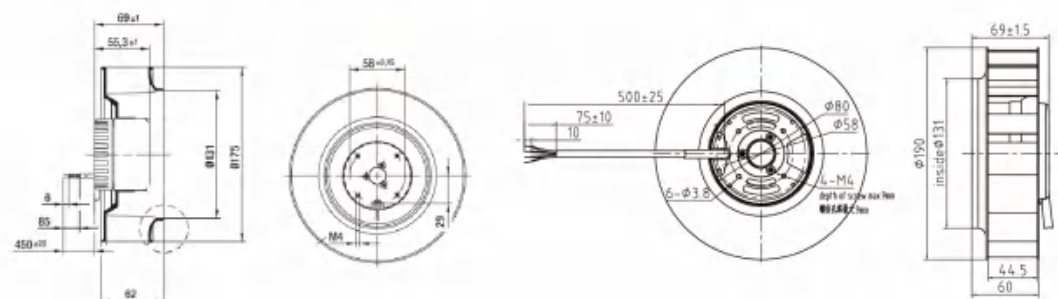
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输出功率<br>INPUT/OUTPUT<br>W | 电流<br>CURRENT<br>A | 转速<br>SPEED<br>RPM |
|-------------|----------------------|---------------------------|--------------------|--------------------|
| DCB175D24   | 24                   | 40                        | 1.7                | 3400               |
| DCB175D48   | 48                   | 40                        | 1.0                | 3400               |
| DCB190D24   | 24                   | 90                        | 4.0                | 3400               |
| DCB190D48   | 48                   | 90                        | 2.0                | 3400               |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



## DC 离心风扇 220mm/225mm DCB Centrifugal Fan Size 220mm/225mm



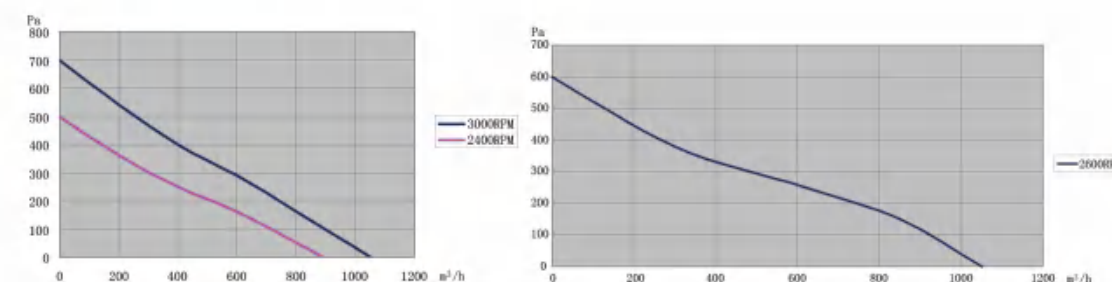
### Description (简介)

|                          |               |
|--------------------------|---------------|
| Motor technology (电机类型): | DC            |
| Material (材料):           | Plastic 塑料    |
| Insulation class (绝缘等级): | B             |
| Temperature (工作温度):      | -20°C ~ +50°C |

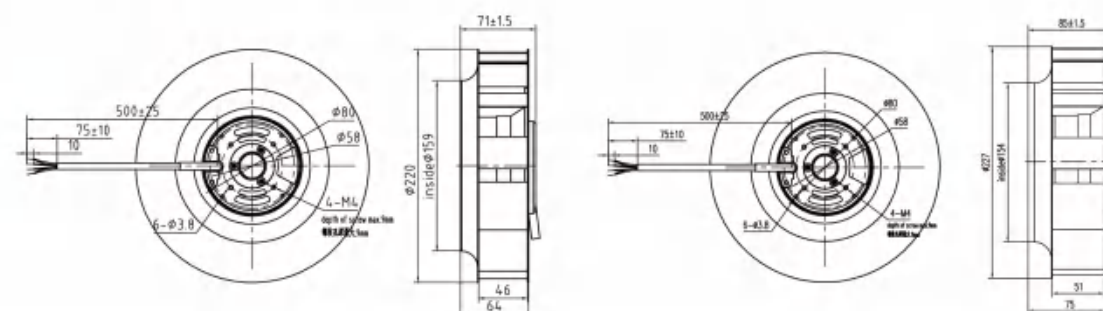
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输出功率<br>INPUT/OUTPUT<br>W | 电流<br>CURRENT<br>A | 转速<br>SPEED<br>RPM |
|-------------|----------------------|---------------------------|--------------------|--------------------|
| DCB220D24   | 24                   | 110                       | 5.0                | 3000               |
| DCB220D48   | 48                   | 110                       | 2.5                | 3000               |
| DCB225D24   | 24                   | 100                       | 4.7                | 2600               |
| DCB225D48   | 48                   | 100                       | 2.3                | 2600               |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



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# DC/EC CENTRIFUGAL FAN



## DC72B190D310



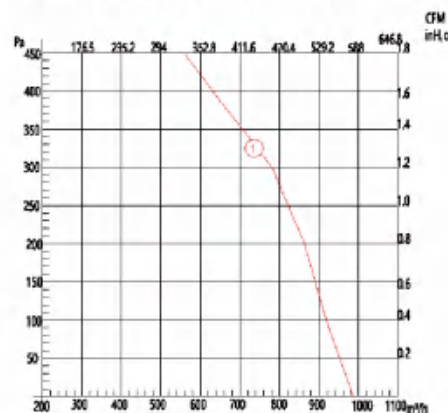
### Description (简介)

|                          |               |
|--------------------------|---------------|
| Motor technology (电机类型): | DC            |
| Material (材料):           | Plastic 塑料    |
| Insulation class (绝缘等级): | B             |
| Temperature (工作温度):      | -20°C ~ +50°C |

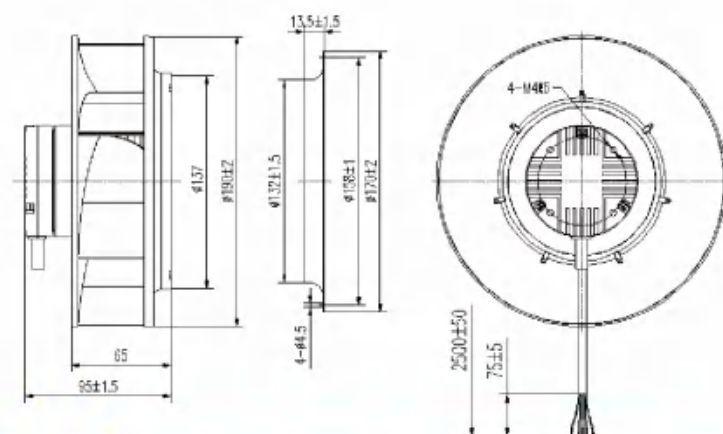
### Motor Parameters (电机参数)

| 型号<br>MODEL  | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 曲线<br>CURVE |
|--------------|----------------------|--------------------------|--------------------|--------------------------|-----------------------|-------------|
| DC72B190D310 | 310                  | 170                      | 4500               | 0.54                     | 985                   | ①           |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



## EC 前倾离心风扇 133mm EC Forward Curved Centrifugal Fan Size 133mm



### Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Housing: Sheet steel                | 蜗壳: 镀锌钢板               |
| Impeller : Sheet steel              | 风轮: 镀锌钢板               |
| Rotor : Steel                       | 转子:钢板                  |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-30°C ~ +50°C           | 工作温度: -30°C ~ +50°C    |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

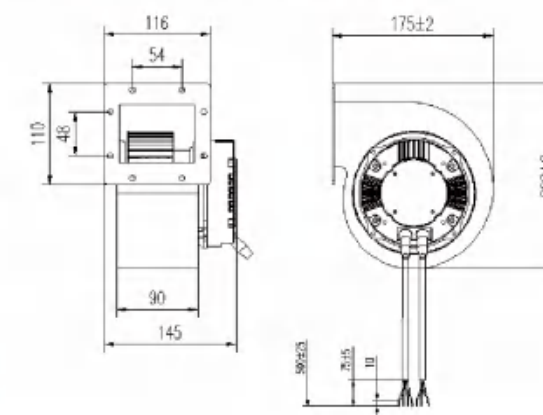
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>HZ | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 曲线<br>CURVE |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|-------------|
| ECF133      | 230                  | 110                      | 50/60                 | 2800               | 0.52                     | 360                   | ①           |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



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# DC/EC CENTRIFUGAL FAN



## EC 前倾离心风扇 150mm EC Forward Curved Centrifugal Fan Size 150mm

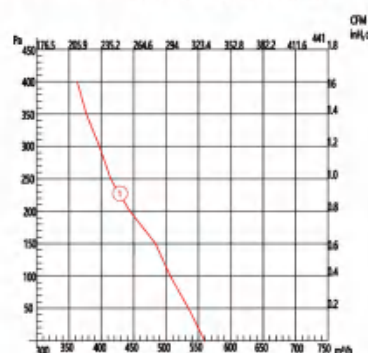
### Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Housing: Sheet steel                | 蜗壳: 镀锌钢板               |
| Impeller : Sheet steel              | 风轮: 镀锌钢板               |
| Rotor : Steel                       | 转子:钢板                  |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-30°C~+50°C             | 工作温度: -30°C~+50°C      |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

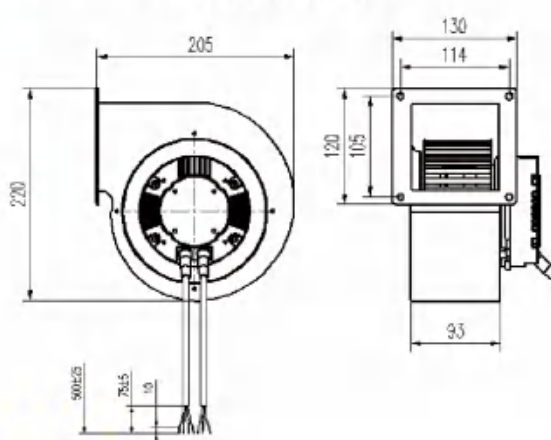
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 曲线<br>CURVE |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|-------------|
| ECF150      | 230                  | 160                      | 50/60                 | 2500               | 1.2                      | 560                   | ①           |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



## EC 前倾离心风扇 160mm EC Forward Curved Centrifugal Fan Size 160mm

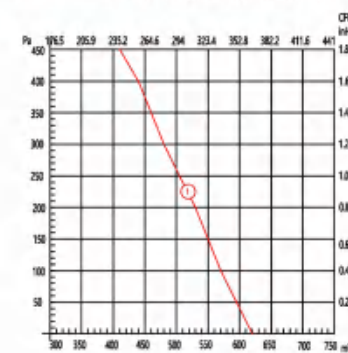
### Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Housing: Sheet steel                | 蜗壳: 镀锌钢板               |
| Impeller : Sheet steel              | 风轮: 镀锌钢板               |
| Rotor : Steel                       | 转子:钢板                  |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-30 ~ +50°              | 工作温度: -30 ~ +50°       |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

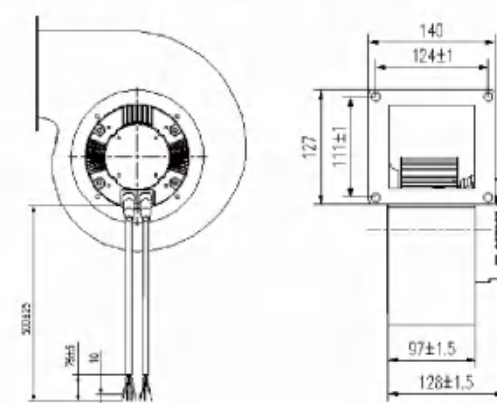
### Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>Hz | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 曲线<br>CURVE |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|-------------|
| ECF160      | 230                  | 160                      | 50/60                 | 2500               | 1.2                      | 620                   | ①           |

### Airflow (风量曲线)



### Dimensions (外形尺寸)



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DC/EC  
CENTRIFUGAL FAN



EC 前倾离心风扇 180mm  
EC Forward Curved Centrifugal Fan Size 180mm

Description (简介)

|                                     |                        |
|-------------------------------------|------------------------|
| Motor technology :EC                | 电机类型: EC               |
| Housing: Sheet steel                | 蜗壳: 镀锌钢板               |
| Impeller : Sheet steel              | 风轮: 镀锌钢板               |
| Rotor : Steel                       | 转子: 钢板                 |
| Type of protection:IP54             | 防护等级: IP54             |
| Insulation class: F                 | 绝缘等级: F                |
| Mounting position : Any             | 安装方式: 任意               |
| Temperature:-30 - +50°              | 工作温度: -30 - +50°       |
| Technical feature: 0-10V/PWM/RS-485 | 控制方式: 0-10V/PWM/RS-485 |
| Tach output                         | 转速输出                   |
| Protection: Over voltage/Lock Rotor | 电子保护: 过压/堵转            |

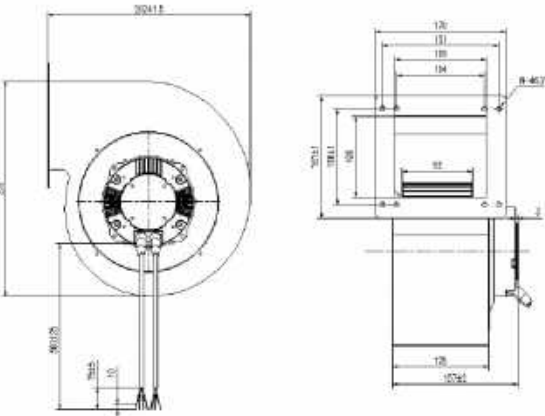
Motor Parameters (电机参数)

| 型号<br>MODEL | 额定电压<br>VOLTAGE<br>V | 输入功率<br>INPUT POWER<br>W | 频率<br>FREQUENCY<br>HZ | 转速<br>SPEED<br>RPM | 输入电流<br>MAX CURRENT<br>A | 风量<br>AIRFLOW<br>M3/H | 曲线<br>CURVE |
|-------------|----------------------|--------------------------|-----------------------|--------------------|--------------------------|-----------------------|-------------|
| ECF180      | 230                  | 160                      | 50/60                 | 1800               | 1.2                      | 900                   | ①           |

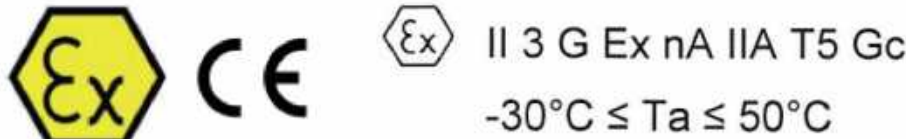
Airflow (风量曲线)



Dimensions (外形尺寸)



我们的认证 (we have) :  
防爆ATEX Potentially explosive atmospheres



标准 (standard)  
IEC/EN 60079-11  
UL 60079-11 or UL 913  
CSA CS22.2 No.30

