



Fans-tech Electric Co ., Ltd

Plug Fan Series



Characteristics Of Plug Fan

Application Industry

AHU

FFU

Commercial air conditioner,

Precision air conditioner

Performance Requirements

High static pressure

Compact structure

Other Features

Convenient logistics transportation

Simple and safe installation

Space saving

Solution: Fans-tech plug fan series



High efficiency
and energy saving



Convenient
transportation



Convenient
installation



Compact
structure



Save space

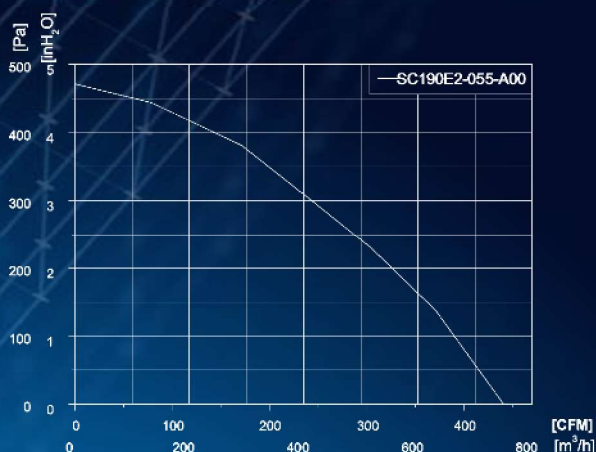
⊖ Diameter	⚙ Type	⚡ Power(W)	🌀 Airflow(CFM)/(m³/h)	📖 Page
190	SC190E2-055-A00	68	424/720	4
225	SC225E2-AGT-05	135	718/1220	5
250	SC250E5-AGT-03	205	989/1680	6
310	SC310E5-AQT-00	800	2179/3700	7
450	SC450F5-AKT-00-002	640	4061/6900	8
500	SC500F5-AKT-00-001	1350	6180/10500	9
560	SC560F5-AKT-00-004	1750	7357/12500	10
630	SC630F5-AKT-00-001	1600	9417/16000	11



Partners



Type : SC190E2-055-A00



Material: Impeller made of plastic PA66

Type Of Protection: IP42

Technical Features: Control input 0~10VDC/PWM, Tach output

Bearing: Ball bearing

Protection: Locked-rotor protection, current limited, under-voltage and over-voltage lockout protection, soft start.

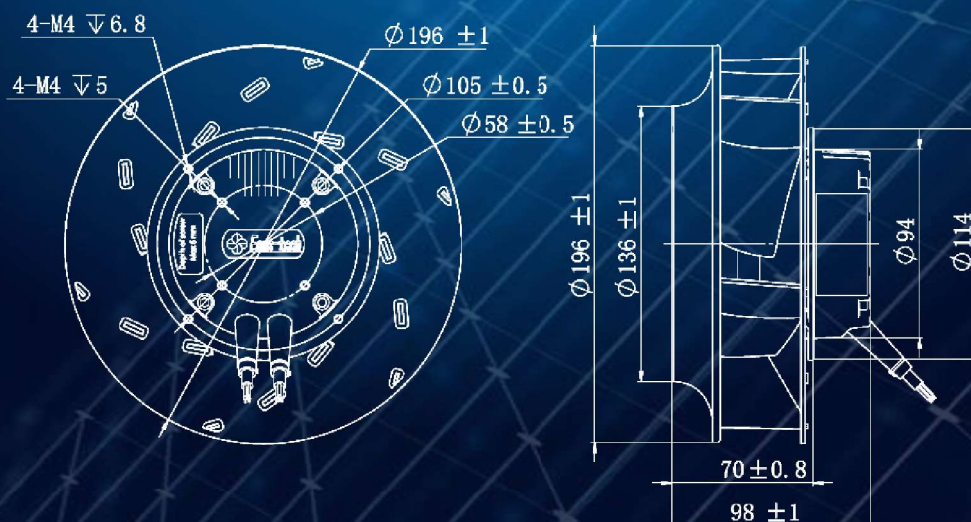
Motor Insulation Class: F

Direction Of Rotation: Anticlockwise, see on the leads.

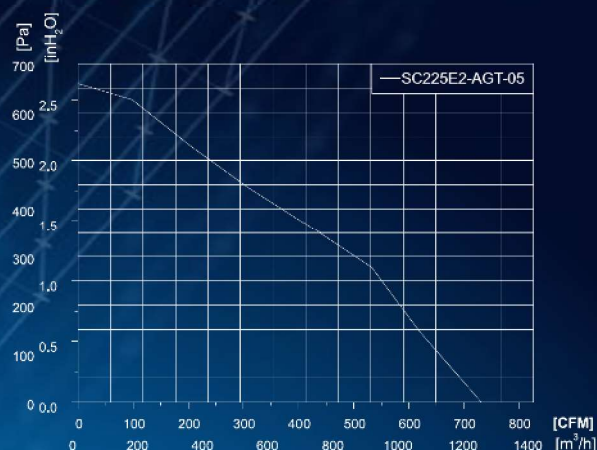
Approvals: CE, CCC

Amb.Temp: -25~60°C

Type	Motor	Voltage (VAC)	Frequency (Hz)	Airflow (CFM)/(m³/h)	Speed (rpm)	Power (W)	Current (A)	Noise Lp:dB(A)
SC190E2-055-A00	DE055E2-A0000	1~230	50/60	424/720	3150	68	0.55	65



Type : SC225E2-AGT-05



Material: Impeller made of plastic PA66

Type Of Protection: IP54

Technical Features: Control input 0~10VDC/PWM, Tach output

Bearing: Ball bearing

Protection: Locked-rotor protection, current limited, under-voltage and over-voltage lockout protection, soft start.

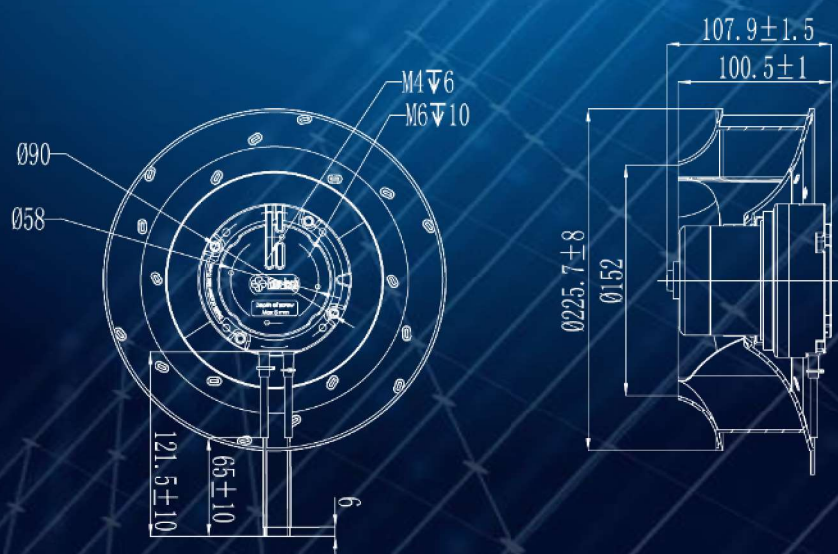
Motor Insulation Class: F

Direction Of Rotation: Anticlockwise, see on the leads.

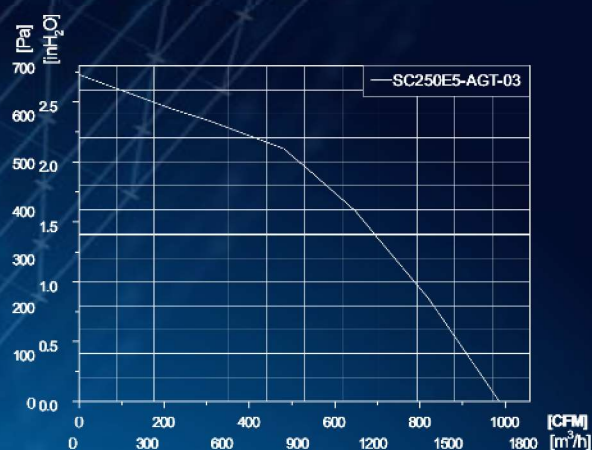
Approvals: CE, CCC

Amb.Temp: -25~60°C

Type	Motor	Voltage (VAC)	Frequency (Hz)	Airflow (CFM)/(m³/h)	Speed (rpm)	Power (W)	Current (A)	Noise Lp:dB(A)
SC225E2-AGT-05	DM055E2-AGT-19	1~230	50/60	718/1220	3200	135	1.03	78



Type : SC250E5-AGT-03



Material: Impeller made of plastic PA66

Type Of Protection: IP44

Technical Features: Control input 0~10VDC/PWM, Tach output

Bearing: Ball bearing

Protection: Locked-rotor protection, current limited, under-voltage and over-voltage lockout protection, soft start.

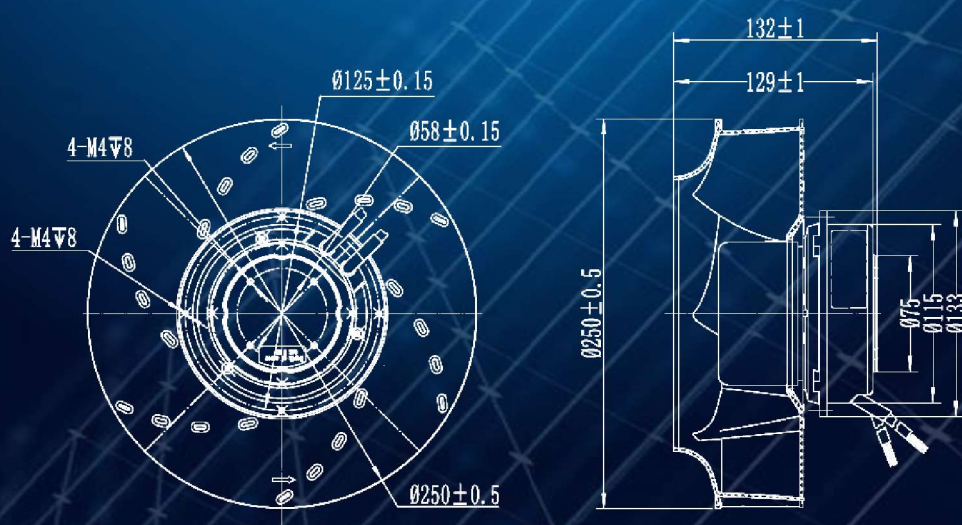
Motor Insulation Class: F

Direction Of Rotation: Anticlockwise, see on the leads.

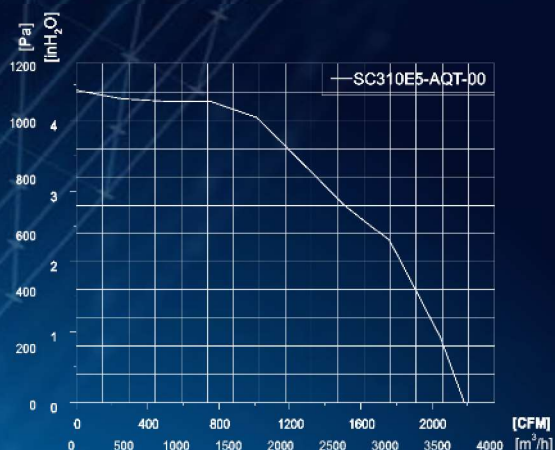
Approvals: CE, CCC

Amb.Temp: -25~60°C

Type	Motor	Voltage (VAC)	Frequency (Hz)	Airflow (CFM)/(m³/h)	Speed (rpm)	Power (W)	Current (A)	Noise Lp:dB(A)
SC250E5-AGT-03	DM075E5-AGT-11	1~230	50/60	989/1680	2900	205	1.5	72



Type : SC310E5-AQT-00



Material: Impeller made of aluminum alloy

Type Of Protection: IP44

Technical Features: Control input 0~10VDC/PWM, Tach output

Bearing: Ball bearing

Protection: Locked-rotor protection, current limited, under-voltage and over-voltage lockout protection, soft start.

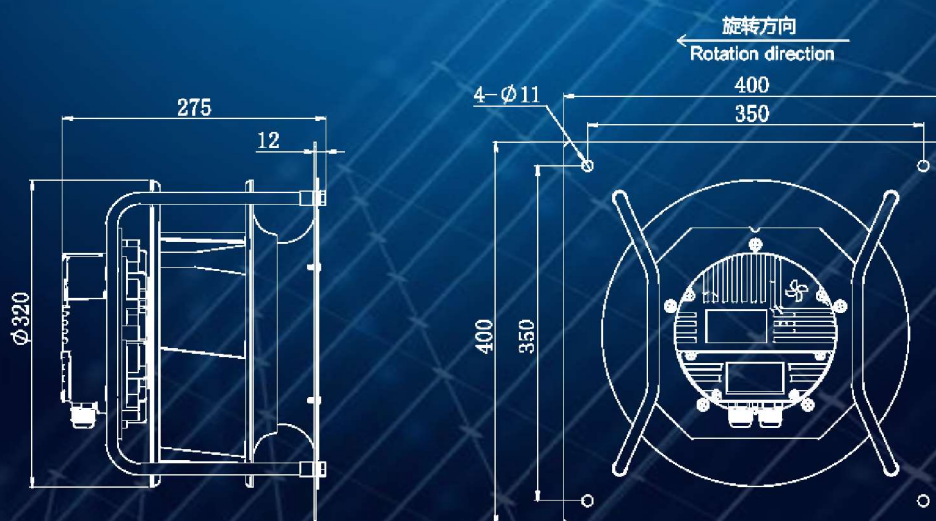
Motor Insulation Class: F

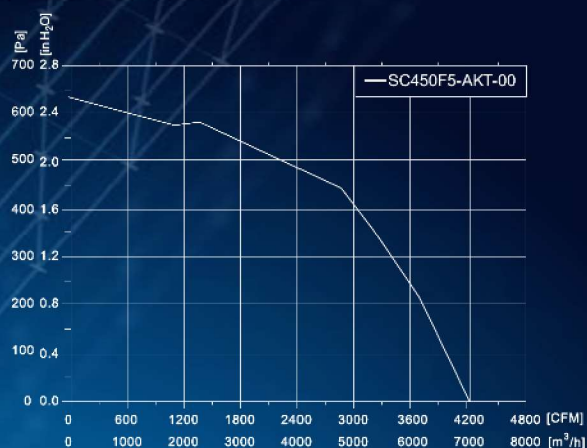
Direction Of Rotation: Anticlockwise, see on the leads.

Approvals: CE, CCC

Amb.Temp: -25~60°C

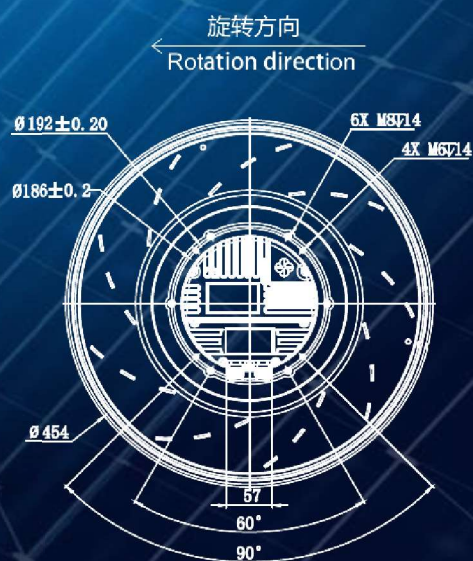
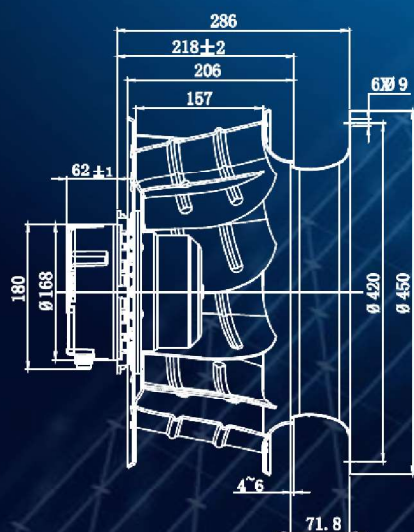
Type	Motor	Voltage (VAC)	Frequency (Hz)	Airflow (CFM)/(m³/h)	Speed (rpm)	Power (W)	Current (A)	Noise Lp:dB(A)
SC310E5-AQT-00	DM088E5-AQT-00	3~380~480	50/60	2179/3700	3150	800	1.5	82



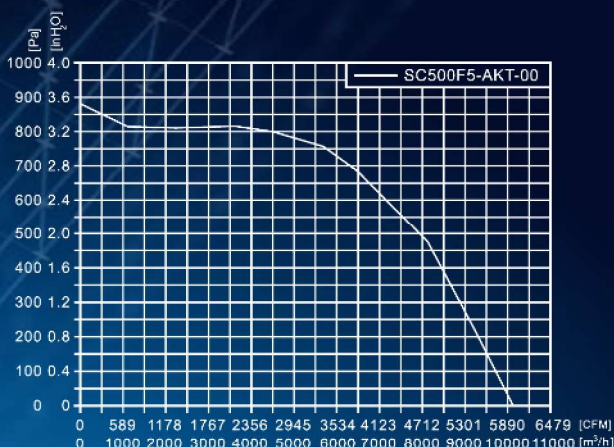


Amb.Temp: -25~60℃

Type	Motor	Voltage (VAC)	Frequency (Hz)	Airflow (CFM)/(m³/h)	Speed (rpm)	Power (W)	Current (A)	Noise Lp:dB(A)
SC450F5-AKT-00	DM112F5-AKT-05	3~380	50/60	4061/6900	1575	640	1.3	77



Type : SC500F5-AKT-00



Material: Impeller made of aluminum alloy

Type Of Protection: IP54

Technical Features: Control input 0~10VDC/PWM, Tach output

Bearing: Ball bearing

Protection: Locked-rotor protection, current limited, under-voltage and over-voltage lockout protection, soft start, phase failure detection.

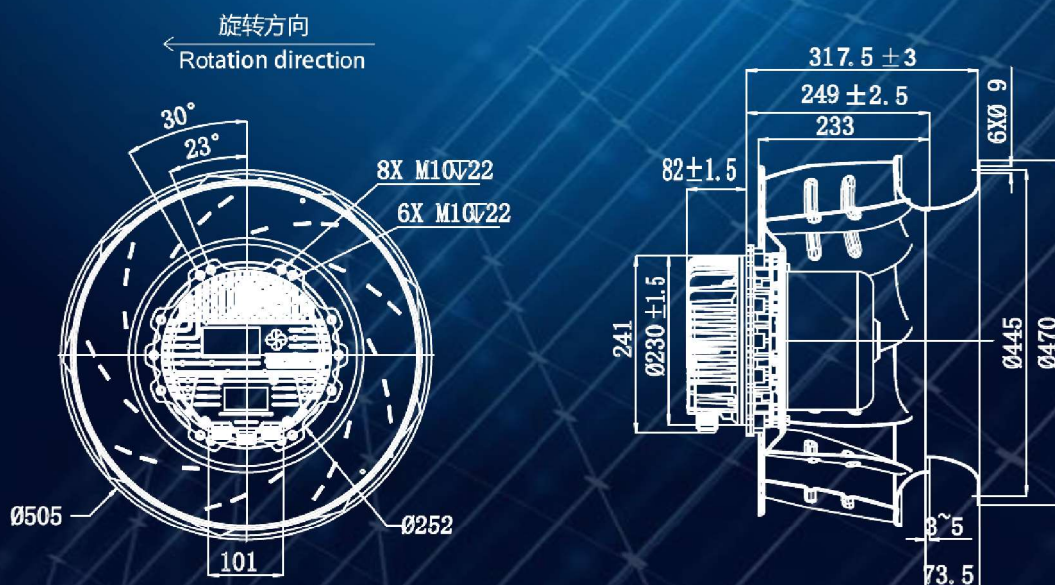
Motor Insulation Class: F

Direction Of Rotation: Anticlockwise, see on the leads.

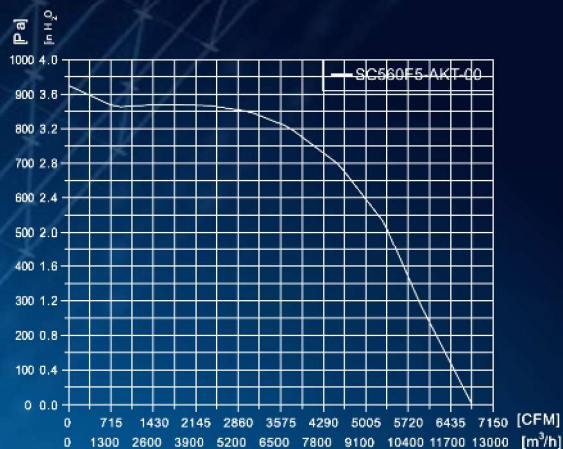
Approvals: CE、CCC

Amb.Temp: -25~60°C

Type	Motor	Voltage (VAC)	Frequency (Hz)	Airflow (CFM)/(m³/h)	Speed (rpm)	Power (W)	Current (A)	Noise Lp:dB(A)
SC500F5-AKT-00	DM150F5-AKT-01	3~380	50/60	6180/10500	1650	1350	2.2	85



Type : SC560F5-AKT-00



Material: Impeller made of aluminum alloy

Type Of Protection: IP54

Technical Features: Control input 0~10VDC/PWM, Tach output, RS485 MODBUS

Bearing: Ball bearing

Protection: Locked-rotor protection, current limited, under-voltage and over-voltage lockout protection, soft start, phase failure detection.

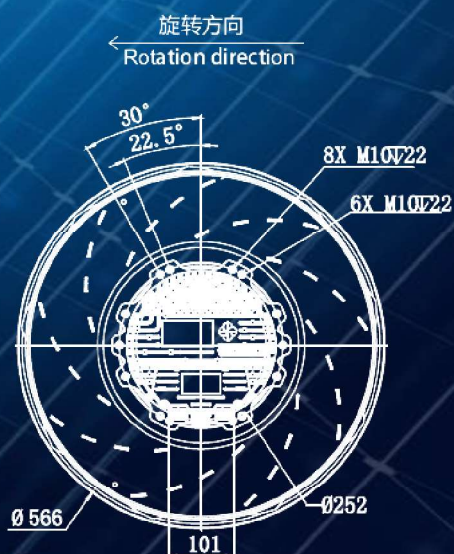
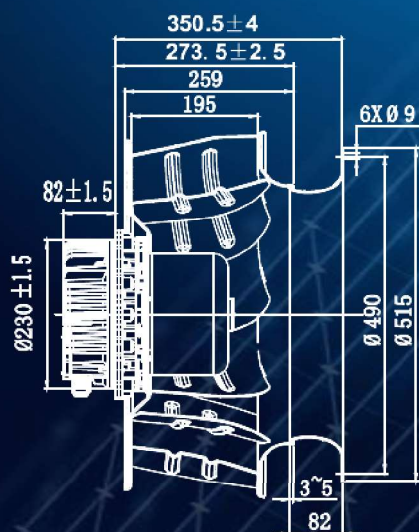
Motor Insulation Class: F

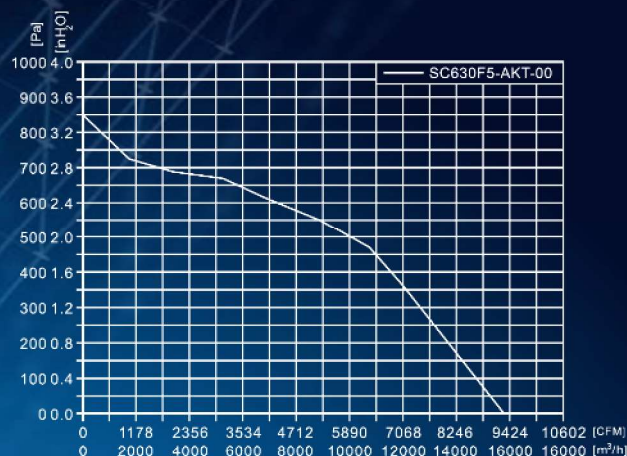
Direction Of Rotation: Anticlockwise, see on the leads.

Approvals: CE, CCC

Amb.Temp: -25~60°C

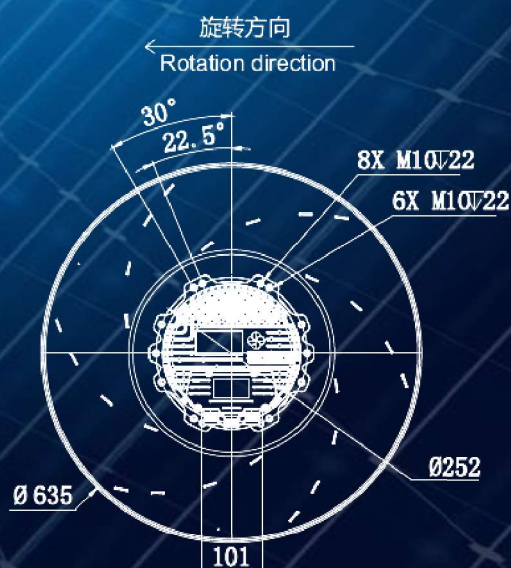
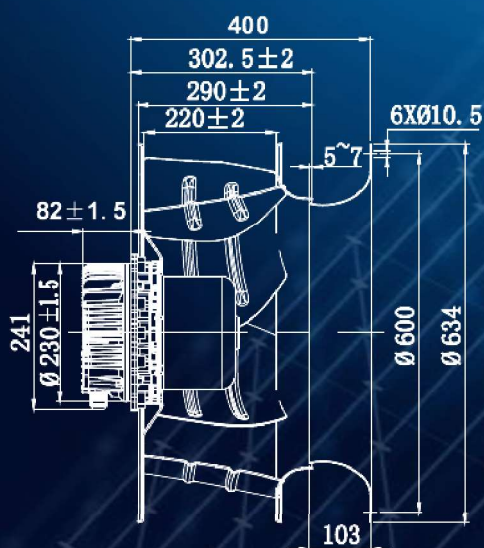
Type	Motor	Voltage (VAC)	Frequency (Hz)	Airflow (CFM)/(m³/h)	Speed (rpm)	Power (W)	Current (A)	Noise Lp:dB(A)
SC560F5-AKT-00	DM150F5-AKT-02	3~380	50/60	7357/12500	1500	1750	2.7	85





Amb.Temp: -25~60℃

Type	Motor	Voltage (VAC)	Frequency (Hz)	Airflow (CFM)/(m³/h)	Speed (rpm)	Power (W)	Current (A)	Noise Lp:dB(A)
SC630F5-AKT-00	DM150F5-AKT-03	3~380	50/60	9417/16000	1200	1600	2.6	85





Company Introduction

Fans-tech Electric Co., Ltd., was established in 2004, which is a modern enterprise integrating research and development, marketing and manufacturing of small and medium-sized intelligent fans.

Based on accumulation of high and new technology, the company has completed its products planning in very short time, which includes AC/DC external rotor fans, bus evaporative fans, and special pumps.





[COMPANY CONTACT]

 **Company switchboard** | +86-757-22916111

 **Sales fax** | +86-757-22808922 22915757

 **E-mail** | market@fans-tech.com(Domestic)
sales@fans-tech.com(Oversea)

 **Address** | No.9, S Shuncheng Road, Wusha, DaliangShunde,
Foshan,528300,Guangdong,China

[EUROPE & AFRICA BRANCH]

 **Tel** | +49 7721 4019 665

 **E-mail** | Europe@fans-tech.com

 **Address** | Rudolf-Diesel-Str.12 78048 Villingen-Schweningen ,Germany

[AMERICA BRANCH]

 **Tel** | +1 571 523 9758

 **E-mail** | sales085@fans-tech.com

 **Address** | 1300 Woodfield Rd Suite 207, Schaumburg, IL 60173