

Delivery Premium Quality Fans Globally for Healthier Breathing

World's Largest Selection of Fan Products  
World's Most Comprehensive Fan Solutions



Ningbo Longwell Electric Technology Co., Ltd

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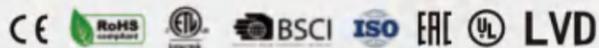
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## LONGWELL TECHNOLOGY

"Born for High-Quality Breathing  
LONGWELL Fans Power Your Equipments"



Professional Manufacturer  
of HVACR Fan & Motors

— EC Axial Flow Fan

Longwell Group

Longwell-China

Longwell-USA

Longwell-Russia

Longwell-Europe



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58-66	EC Axial Flow Fan( $\Phi$ 710- $\Phi$ 900)

# About Longwell

Born for High-Quality Breathing, LONGWELL Fans Power Your Equipment

OEM for Well-Known Brands

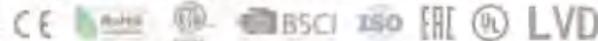
Supplies Fortune 500 Companies

Global Technical Support

LONGWELL is a leading fan manufacturer, specializing in high-quality fans, blowers, motors, and components for heating, ventilation, air conditioning, and refrigeration applications. We have a strong presence in delivery capabilities, design and R&D capabilities, as well as manufacturing, placing us at the forefront of the industry.

Our product range includes EC/DC/AC centrifugal fans, axial fans, AC/BLDC cross-flow fans, single/double forward curved fans, AC/BLDC/ECM motors, and industrial fan blowers. Since our establishment in 1990, we have continuously upgraded our facilities and production capacity, boasting advanced testing labs and production facilities with an annual capacity of millions of fans. With over 20 years of experience, we are highly skilled in the design, development, and manufacture of fans and motors. We export to over 30 countries and serve numerous Fortune 500 clients.

Our facilities and products are compliant with certifications such as ISO9001, ISO14001, BSCI, CE, UL/ETL, CCC, EMC, and LVD. These certifications demonstrate our compliance in quality management, environmental management, social responsibility, and product safety. We are quality-oriented and dedicated to providing products and services that meet international standards.



Equipped with advanced testing labs and production facilities, including a B&K noise lab, CFD simulation lab, air dynamics test chambers, automatic welding machines, CNC machining centers, and auto robot injection machines, we ensure efficient production and on-time delivery.

As industry leaders, we prioritize technological innovation and efficiency. We employ advanced technologies such as aerodynamics principles and CFD simulation to ensure precise and efficient fan designs. Additionally, we offer customized services to design and manufacture fan systems according to specific customer requirements. Our focus is on providing high-tech, high-efficiency products that meet our customers' needs and contribute to a better future.

At LONGWELL, innovation is at the core of our operations, driving continuous improvement. With our extensive experience and expertise, we can quickly customize solutions that meet customer needs. We emphasize technological sophistication, utilizing advanced technologies and high-performance materials to deliver products that are efficient, safe, and reliable. Our brand is widely recognized globally, and we are committed to promoting sustainable development and advancing the efficient fan industry.

LONGWELL looks forward to collaborating with you and providing high-quality customized fan and motor solutions. Please feel free to contact us as we work together to create a brighter future.



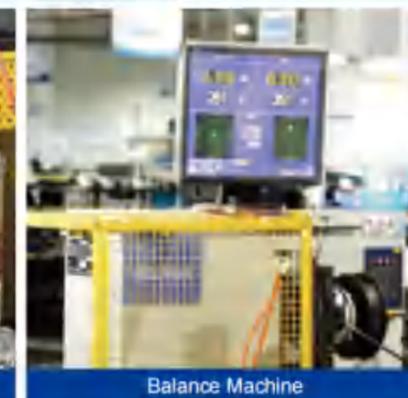
B&K Noise Testing Lab



Production Line



Automatic Welding



Balance Machine



Automatic Welding Machine



Production Line - Centrifugal Fan



Automatic CNC machine



Air Dynamic Test Lab



Production Line - Axial Fans



Production Line

193

Staff

40000m<sup>2</sup>

Floor Space

500<sup>+</sup>

Branding Clients

1 Million<sup>+</sup> PCS

Annual Outputs

6

Overseas offices on spot support

50<sup>+</sup>

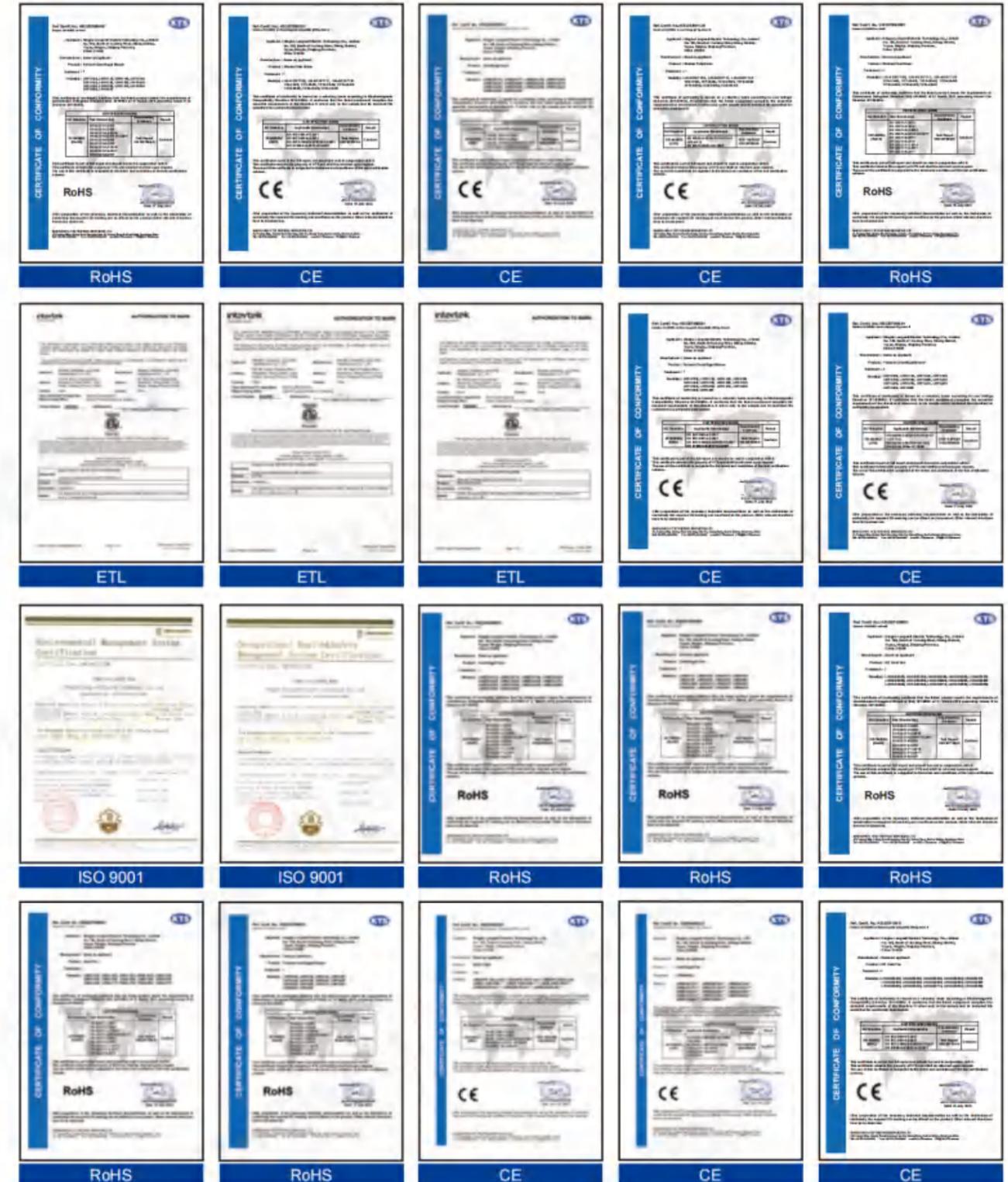
Members R&D Team

# Testing and Standards

- ISO GB/T 19001-2016 idt ISO 9001:2015/GB/T 24001-2016 idt ISO 14001:2015/GB/T 45001-2020 idt ISO 45001:2018
- UL 507:2017 Ed.10+R:27/CSA C22.2#113:2018 Ed.11
- BSCI ANSI C63.4:2014/ANSI C63.4a-2017
- EN IEC 55014-1:2021/EN IEC 55014-2:2021/EN IEC 61000-3-2:2019 +A1:2021  
EN 61000-3-3:2013 +A1:2019 +A2:2021 +AC:2022-01  
EN 60335-2-80:2003 +A1:2004 +A2:2009;  
EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019+A14:2019 +A2:2019+A15:2021  
EN 62321-1:2013/EN 62321-2:2014/EN 62321-3-1:2014  
EN 62321-4:2014+A1:2017/EN 62321-5:2014/EN 62321-6:2015  
EN 62321-7-1:2015/EN 62321-7-2:2017/EN 62321-8:2017



Enterprise Credit Evaluation Certificate - Highest Level in China



# Mainly Application

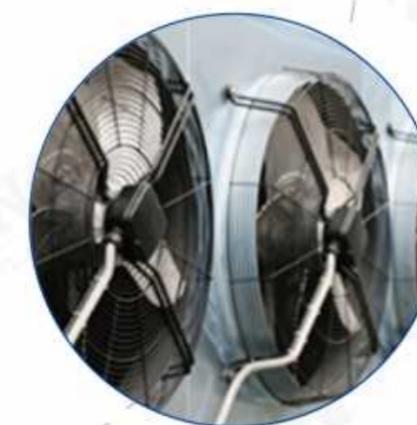
Building ventilation system/Workshop ventilation system/  
Commercial air quality system/Tunnel ventilation/  
Green house



**Building  
Ventilation System**



**Workshop  
Ventilation System**



**Commercial Air  
Quality System**



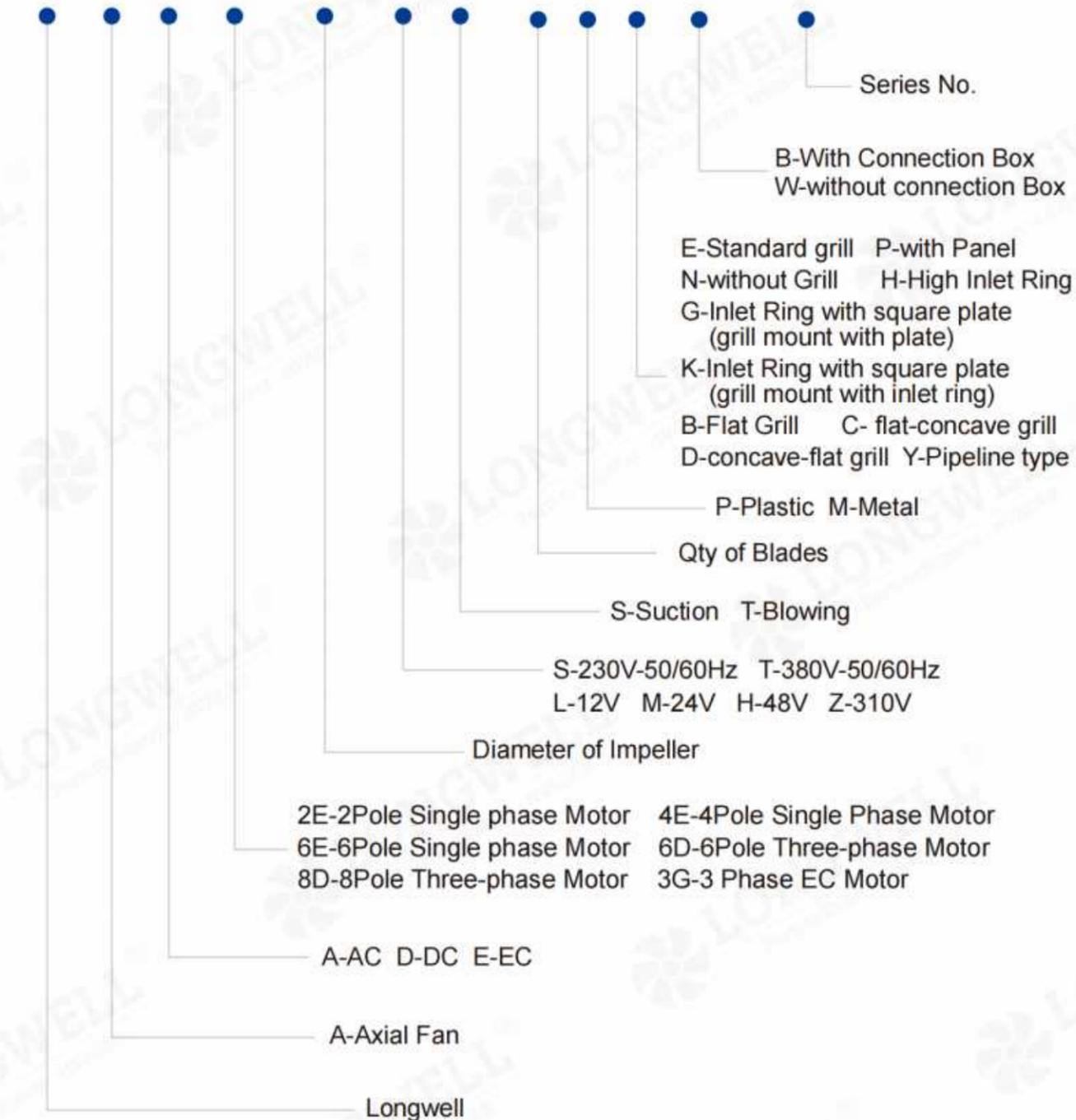
**Green House**



**Tunnel Ventilation**

# Type Code

LW A E 3G 200 S S - 5 P G W - 01



# EC Axial Flow Fan

Professional HVAC Fan & Motors Manufacturer



# LWAE-200 Serie



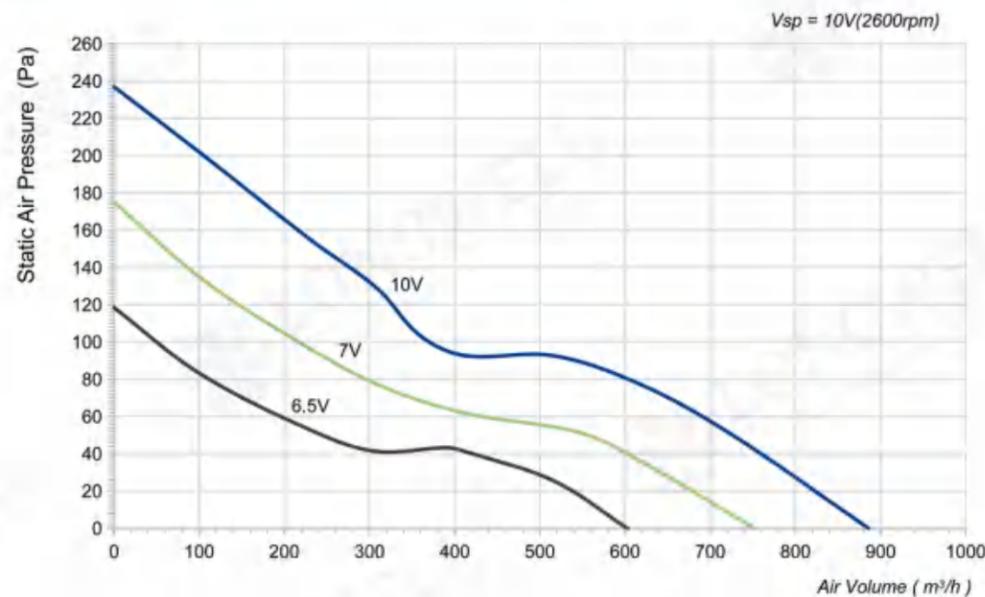
## Product Characteristic

- Material : PA66
- Type of Protection: IP54
- Insulation Class: B
- Motor Type: BLEC Motor
- Operation Temperature: -25 °C ~ +60 °C
- Technical Feature : Control input 0-10VDC/PWM, Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection



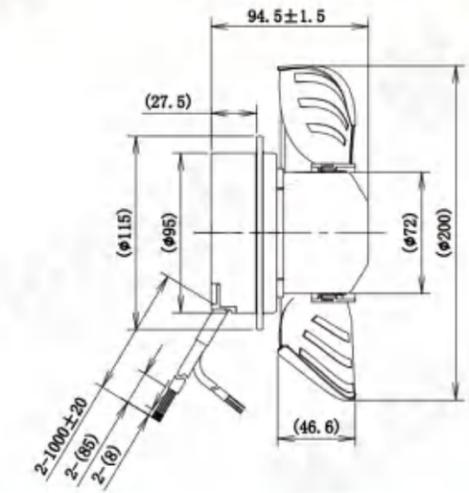
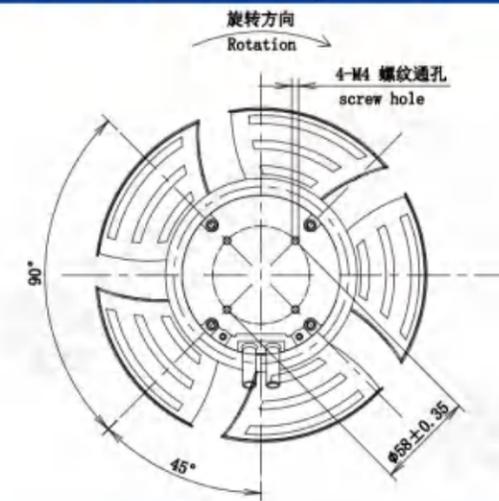
## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G200SS-5PNW-01	220	50/60	0.6	80	2600	886	54
LWAE3G200ST-5PNW-02	220	50/60	0.6	80	2600	886	54
LWAE3G200SS-5PEW-03	220	50/60	0.6	80	2600	886	54
LWAE3G200ST-5PEW-04	220	50/60	0.6	80	2600	886	54
LWAE3G200SS-5PGW-05	220	50/60	0.6	80	2600	886	54
LWAE3G200ST-5PGW-06	220	50/60	0.6	80	2600	886	54



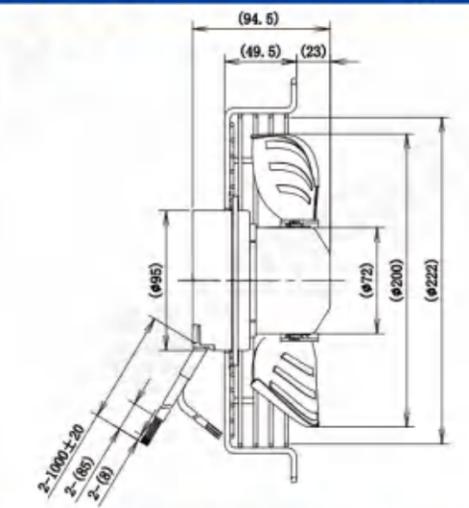
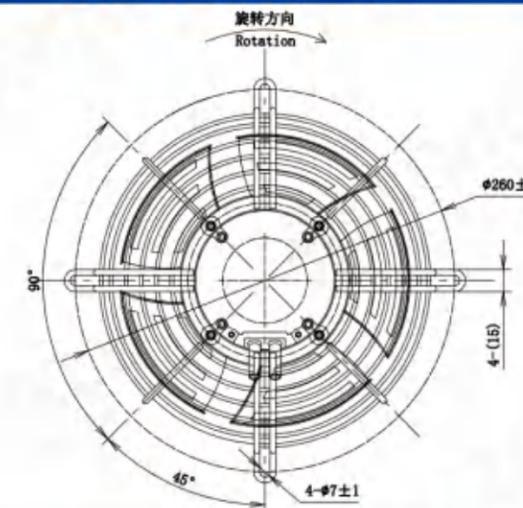
LWAE3G200SS-5PNW-01(Suction)

LWAE3G200ST-5PNW-02(Blowing)



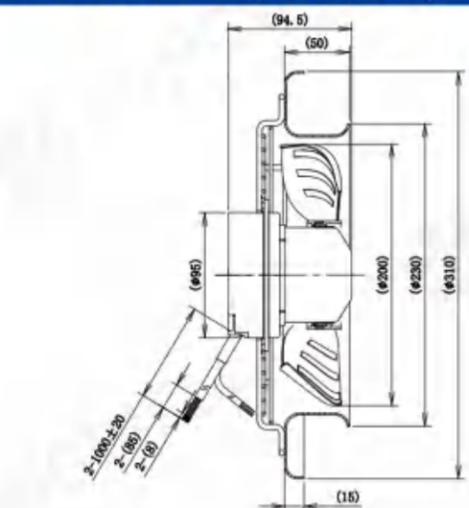
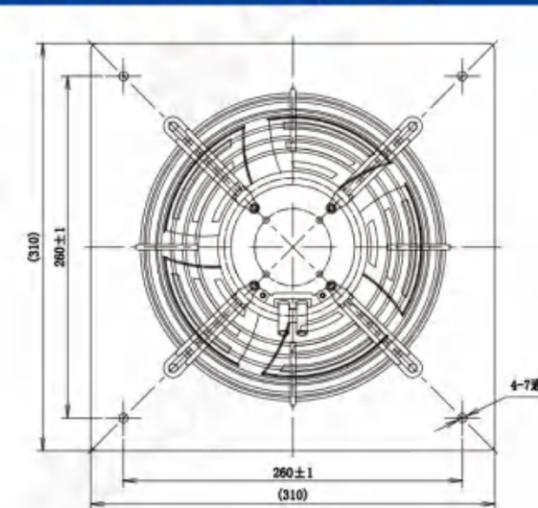
LWAE3G200SS-5PEW-03(Suction)

LWAE3G200ST-5PEW-04(Blowing)



LWAE3G200SS-5PGW-05(Suction)

LWAE3G200ST-5PGW-06(Blowing)



# LWAE-200 Serie



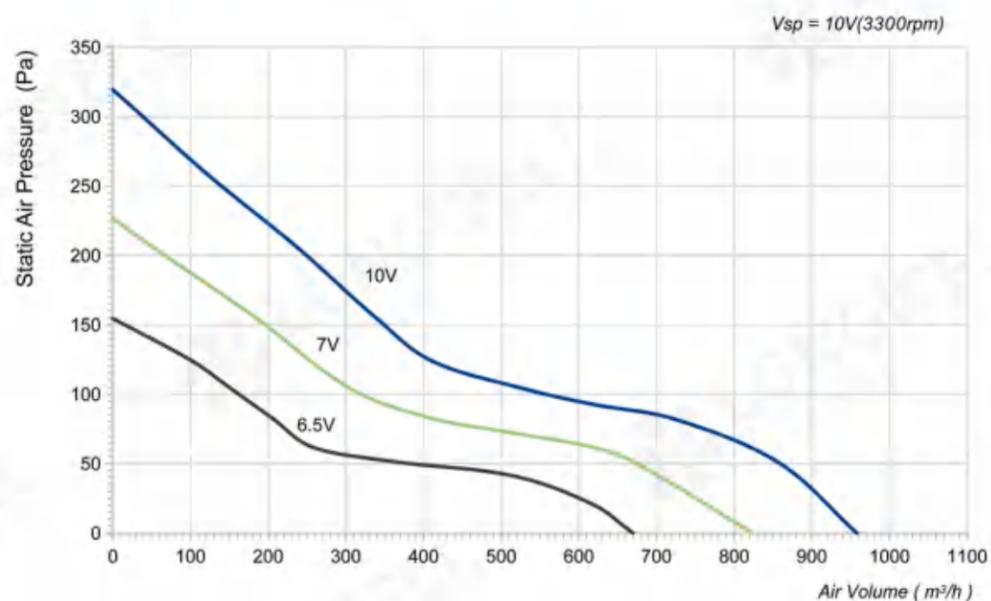
## Product Characteristic

- Material : Sheet steel
- Type of Protection: IP54
- Insulation Class: B
- Motor Type: BLEC Motor
- Operation Temperature: -25 °C ~ +60 °C
- Technical Feature : Control input 0-10VDC/PWM, Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection

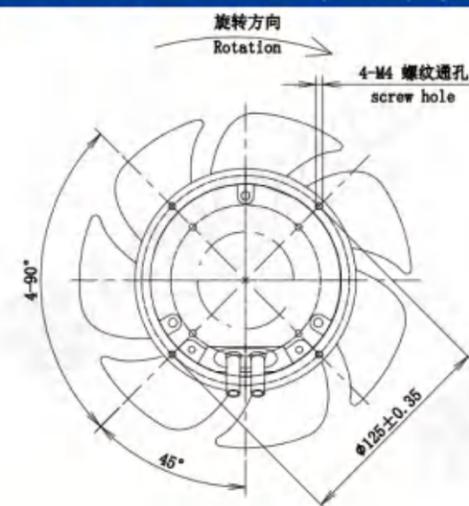


## Technical Specifications

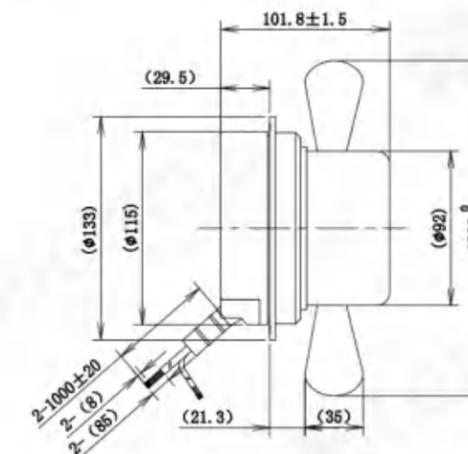
Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G200SS-7MNW-07	220	50/60	0.4	55	3300	958	60
LWAE3G200ST-7MNW-08	220	50/60	0.4	55	3300	958	60
LWAE3G200SS-7MEW-09	220	50/60	0.4	55	3300	958	60
LWAE3G200ST-7MEW-10	220	50/60	0.4	55	3300	958	60
LWAE3G200SS-7MGW-11	220	50/60	0.4	55	3300	958	60
LWAE3G200ST-7MGW-12	220	50/60	0.4	55	3300	958	60



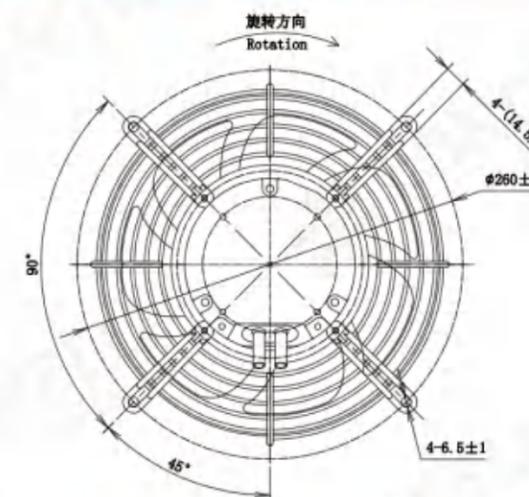
LWAE3G200SS-7MNW-07(Suction)



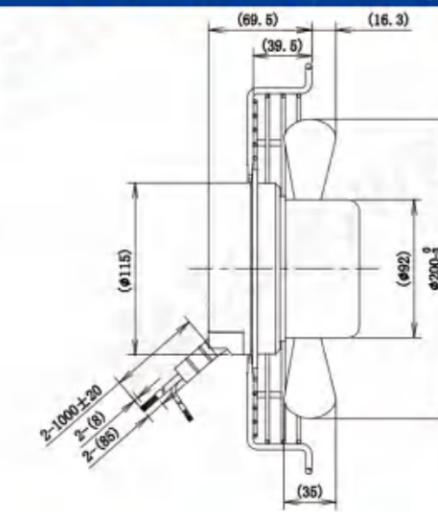
LWAE3G200ST-7MNW-08(Blowing)



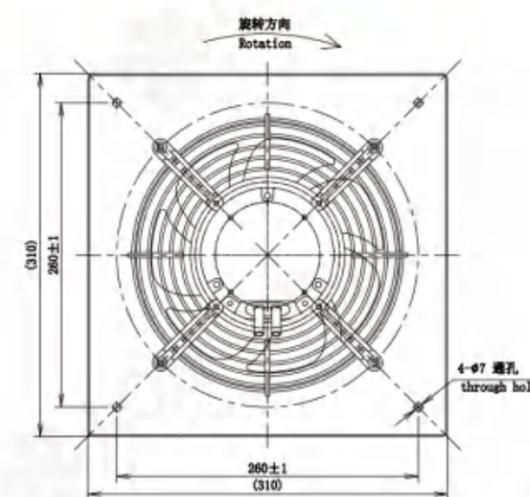
LWAE3G200SS-7MEW-09(Suction)



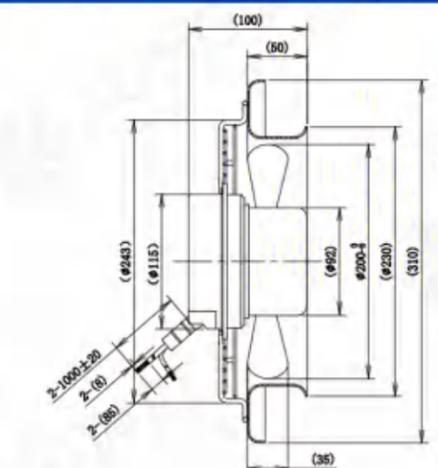
LWAE3G200ST-7MEW-10(Blowing)



LWAE3G200SS-7MGW-11(Suction)



LWAE3G200ST-7MGW-12(Blowing)



# LWAE-200 Serise



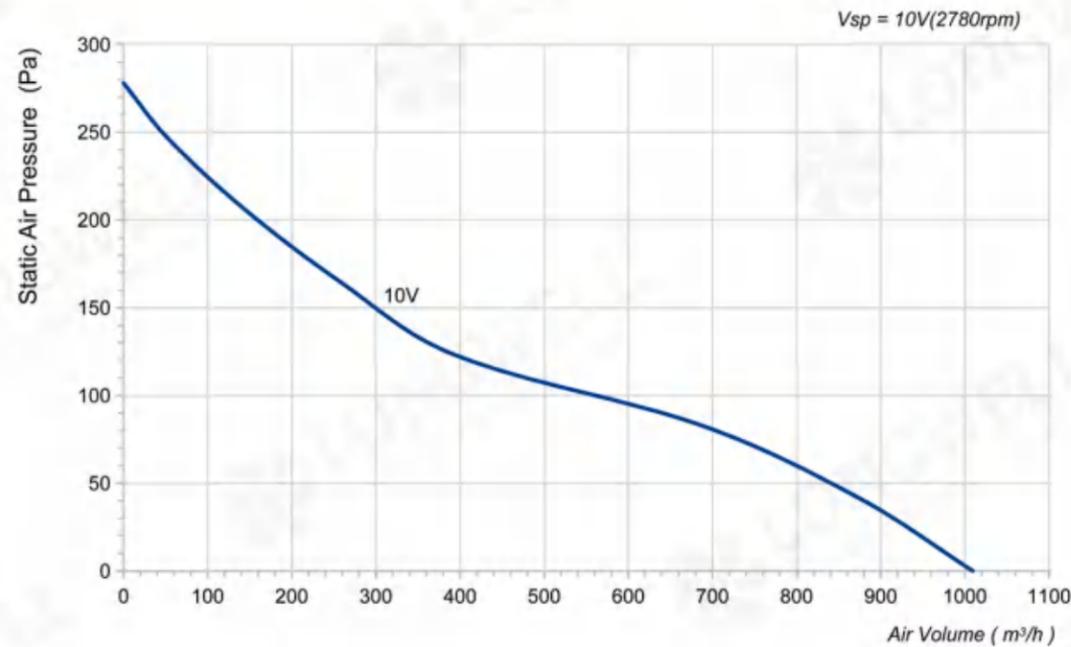
## Product Characteristic

- Material : PA66
- Type of Protection: IP55
- Insulation Class: B
- Motor Type: BLEC Motor
- Operation Temperature: -25 C ~ +60 C
- Technical Feature: Control input 0-10VDC/PWM, Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection

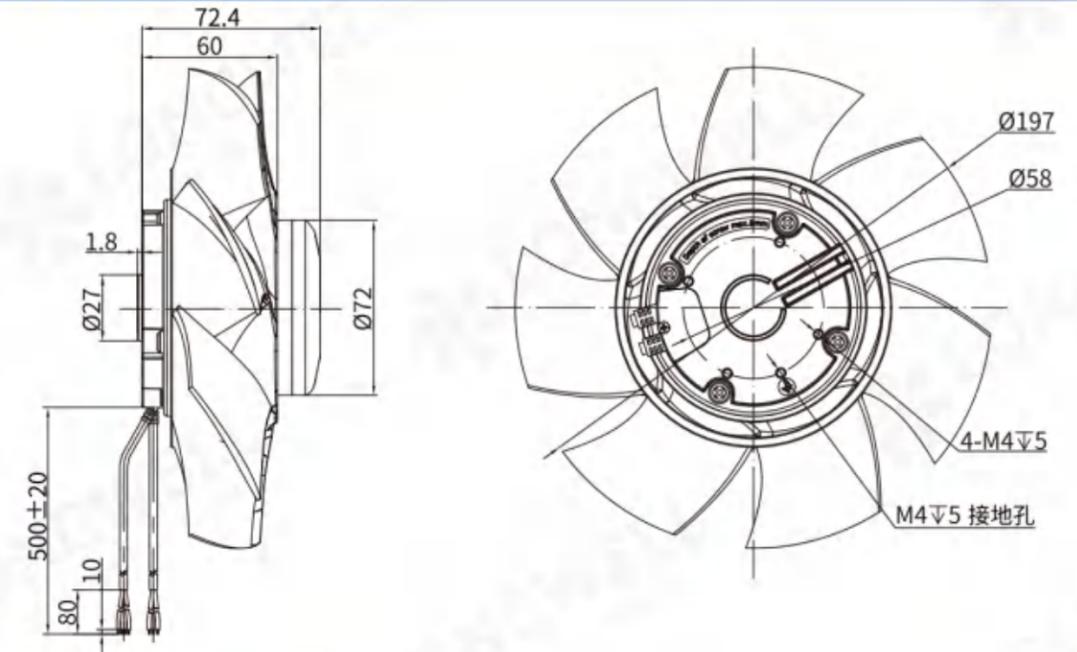


## Technical Specifications

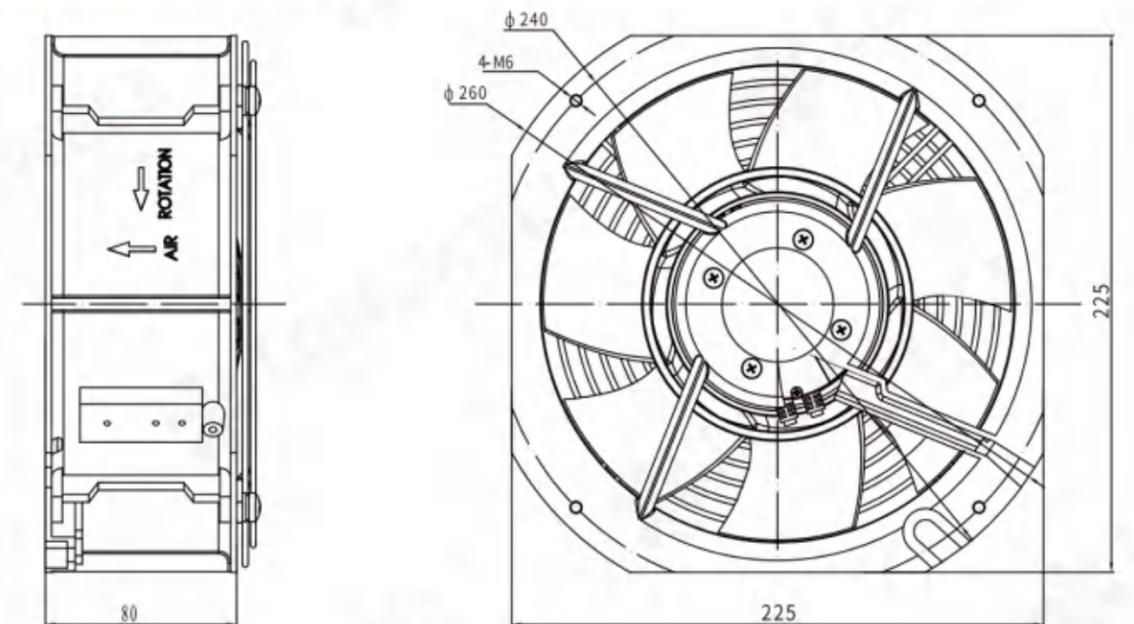
Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G200SS-7PNW-13	220	50/60	0.4	55	2780	1009	60
LWAE3G200SS-7PKW-14	220	50/60	0.4	55	2780	1009	60



### LWAE3G200SS-7PNW-13



### LWAE3G200SS-7PKW-14



# LWAE-200 Serise



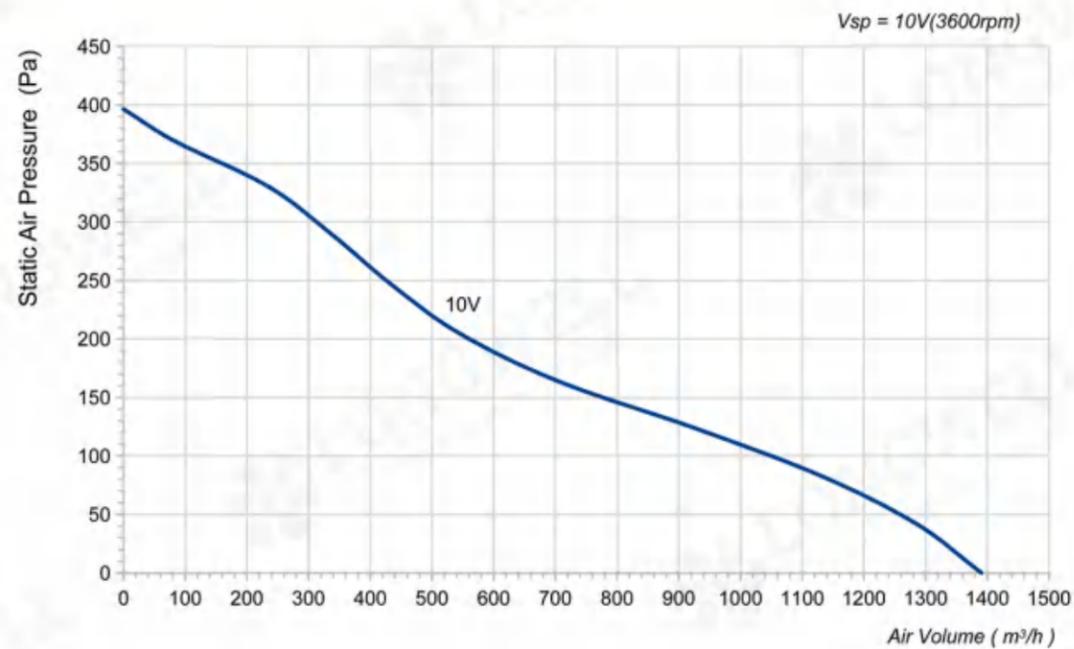
## Product Characteristic

- Material : PA66
- Type of Protection: IP55
- Insulation Class: B
- Motor Type: BLEC Motor
- Operation Temperature: -25 C ~ +60 C
- Technical Feature : Control input 0-10VDC/PWM, Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection

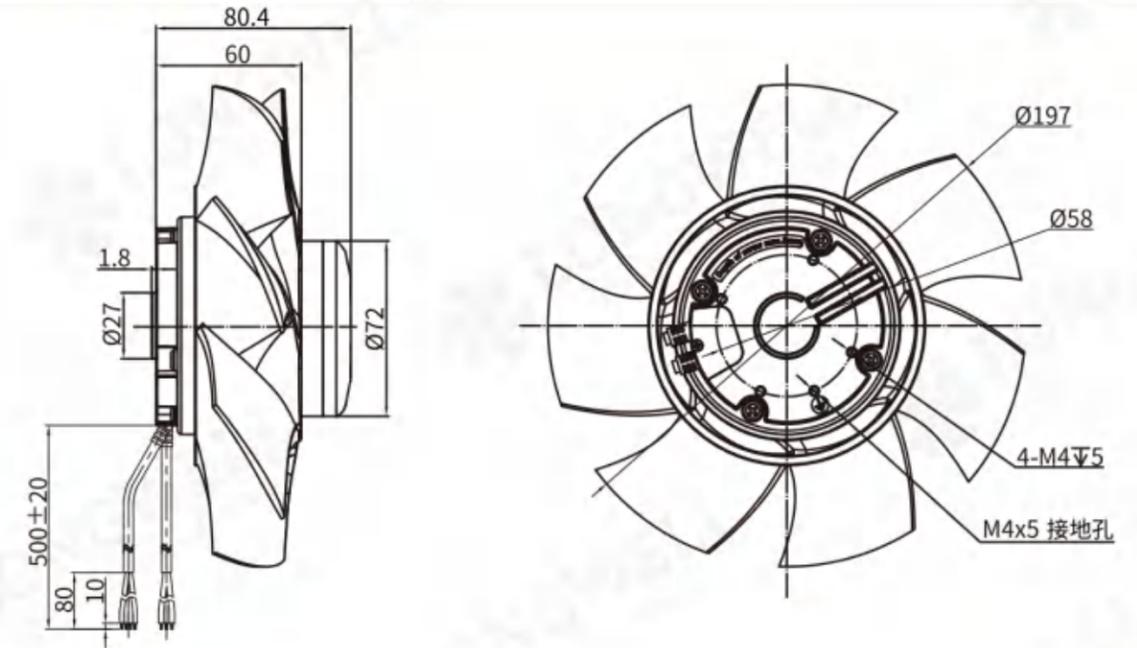


## Technical Specifications

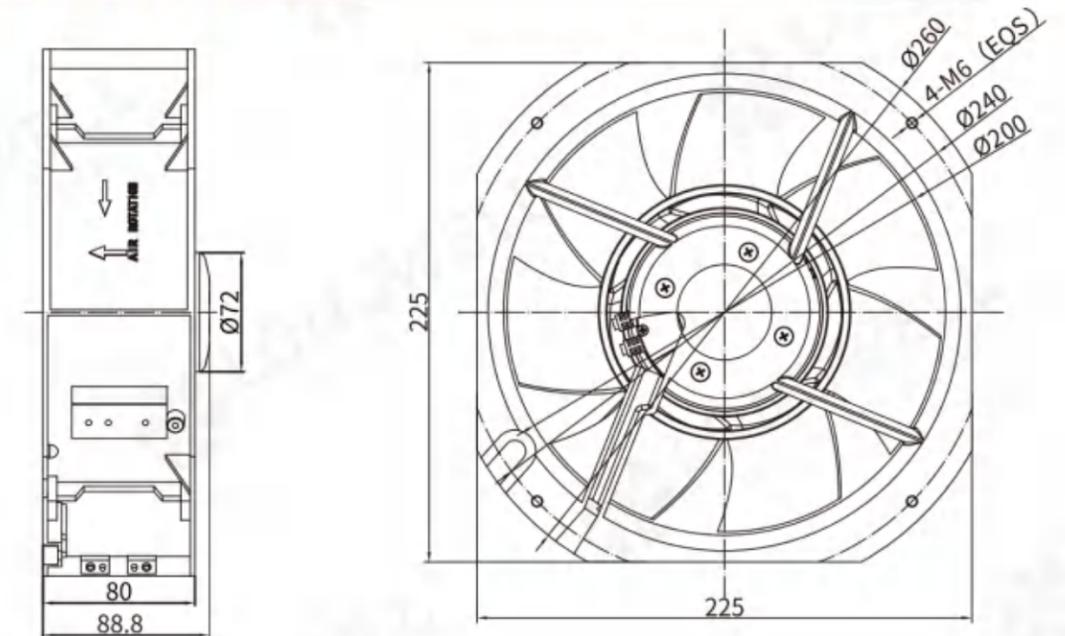
Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G200SS-7PNW-15	220	50/60	0.85	115	3600	1391	64
LWAE3G200SS-7PKW-16	220	50/60	0.85	115	3600	1391	64



### LWAE3G200SS-7PNW-15



### LWAE3G200SS-7PKW-16



# LWAE-250 Serise



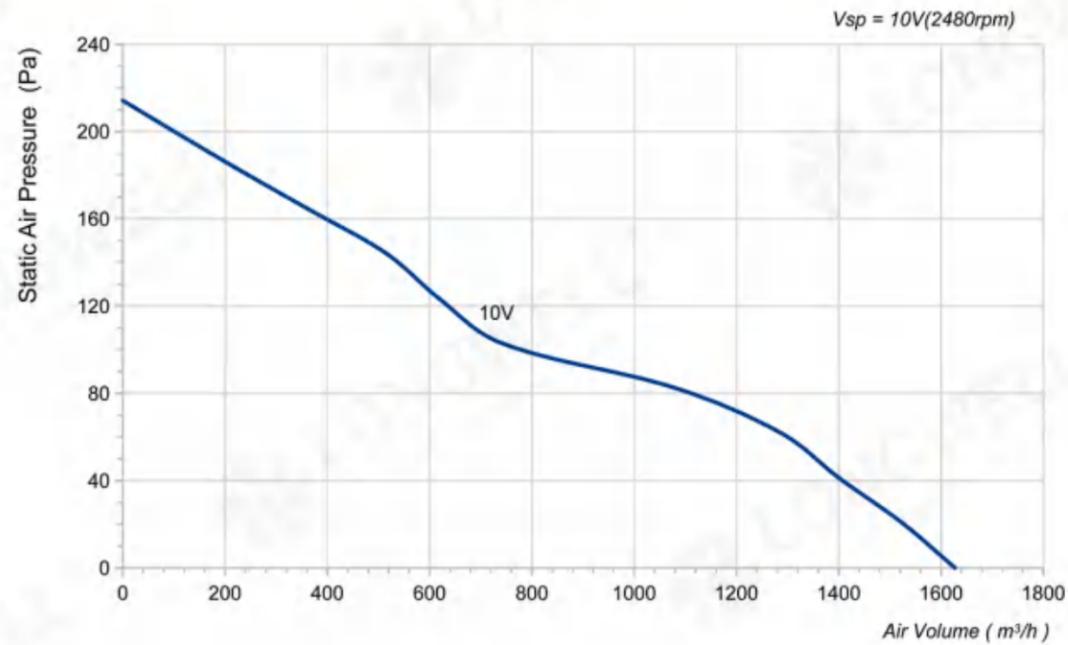
## Product Characteristic

- Material : PA66
- Type of Protection: IP55
- Insulation Class: B
- Motor Type: BLEC Motor
- Operation Temperature: -25 C ~ +60 C
- Technical Feature : Control input 0-10VDC/PWM, Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection

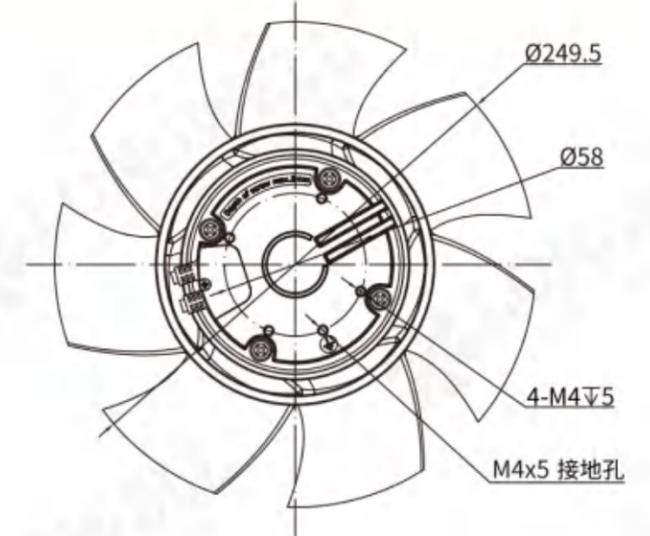
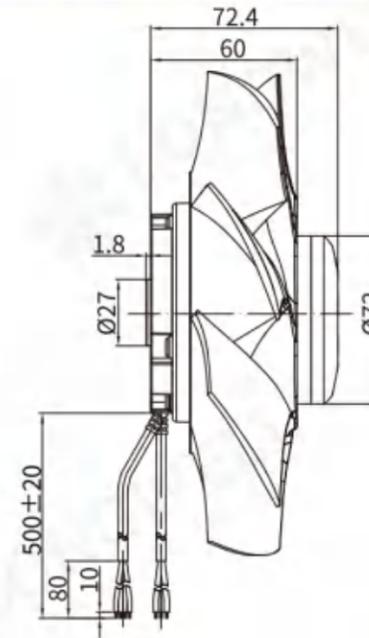


## Technical Specifications

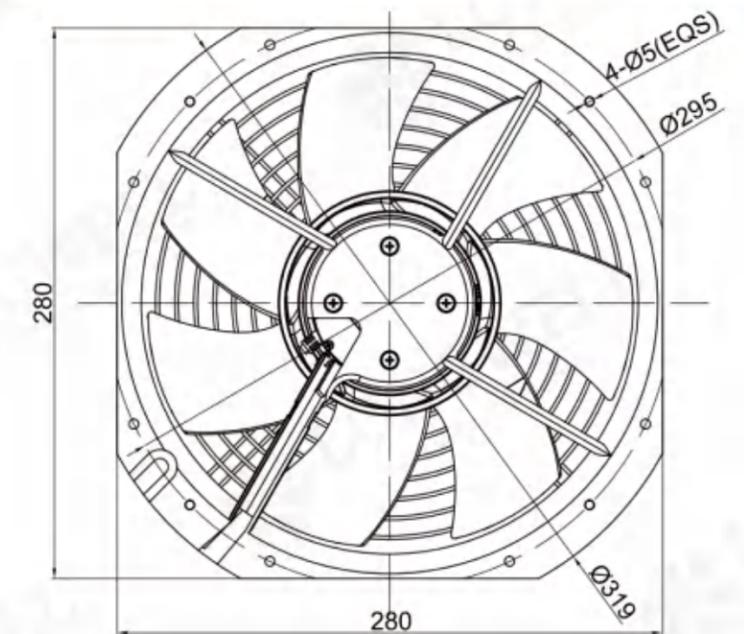
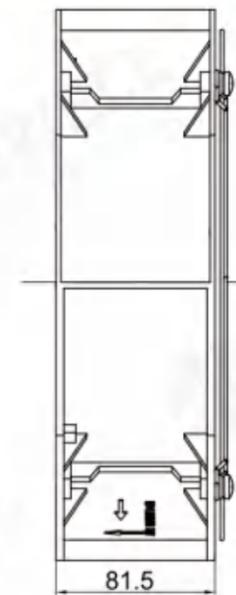
Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G250SS-7PNW-07	220	50/60	0.61	85	2480	1627	60
LWAE3G250SS-7PKW-08	220	50/60	0.61	85	2480	1627	60



### LWAE3G250SS-7PNW-07



### LWAE3G250SS-7PKW-08



# LWAE-250 Serise



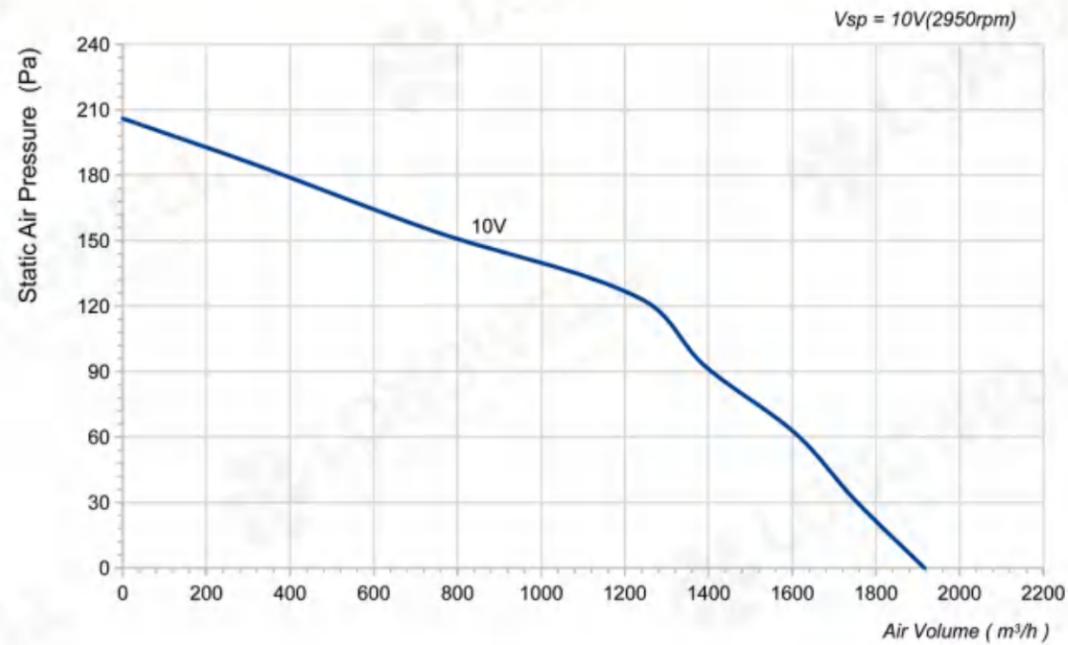
## Product Characteristic

- Material : PA66
- Type of Protection: IP55
- Insulation Class: B
- Motor Type: BLEC Motor
- Operation Temperature: -25 C ~ +60 C
- Technical Feature: Control input 0-10VDC/PWM, Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection

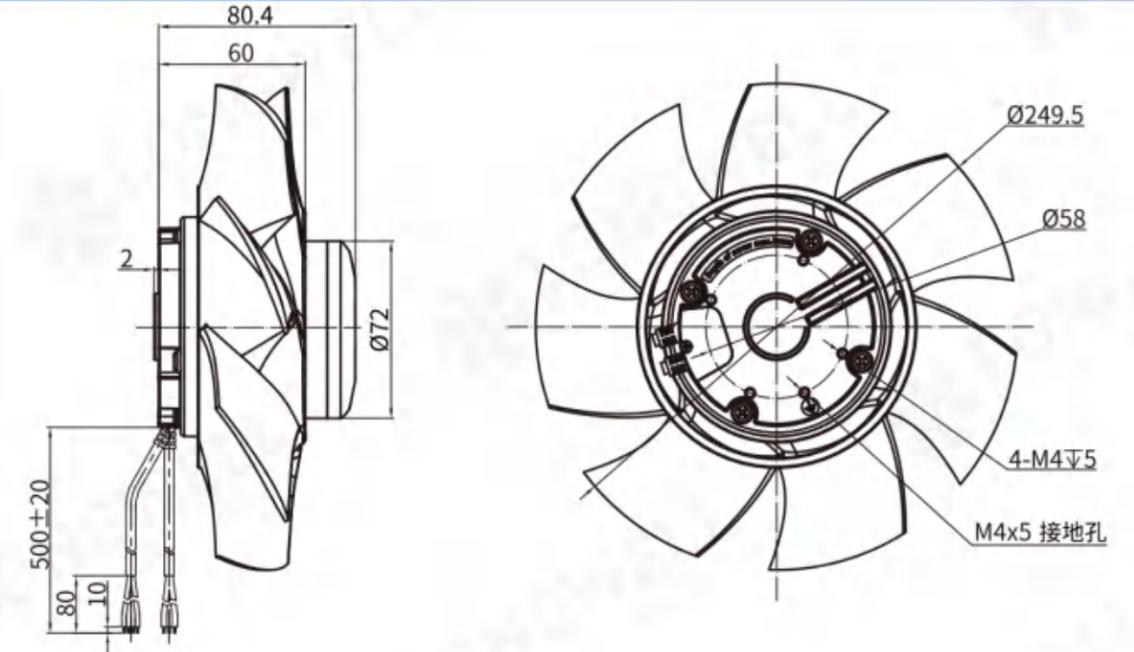


## Technical Specifications

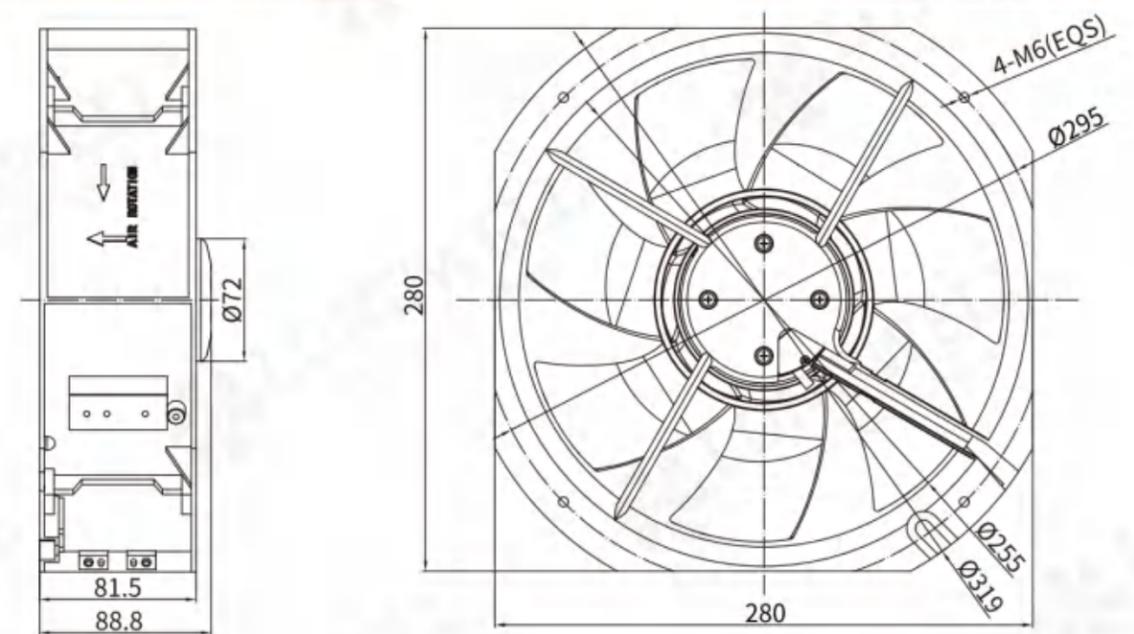
Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G250SS-7PNW-09	220	50/60	0.85	115	2950	1916	60
LWAE3G250SS-7PKW-10	220	50/60	0.85	115	2950	1916	60



### LWAE3G250SS-7PNW-09



### LWAE3G250SS-7PKW-10

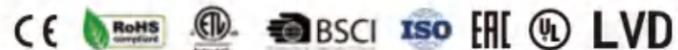


# LWAE-250 Serie



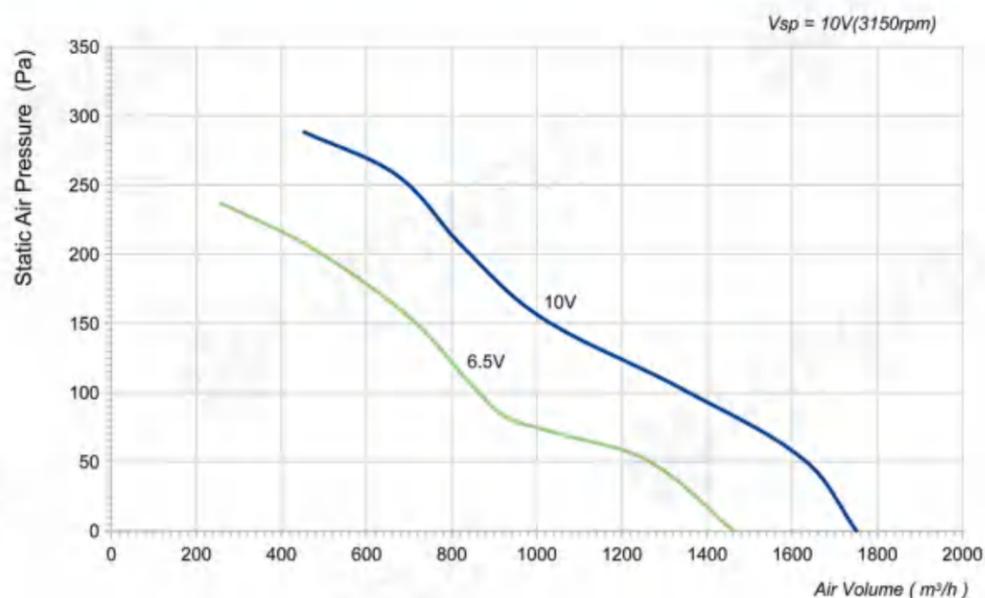
## Product Characteristic

- Material : Sheet steel
- Type of Protection: IP54
- Insulation Class: B
- Motor Type: BLEC Motor
- Operation Temperature: -25 °C ~ +60 °C
- Technical Feature : Control input 0-10VDC/PWM, Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection



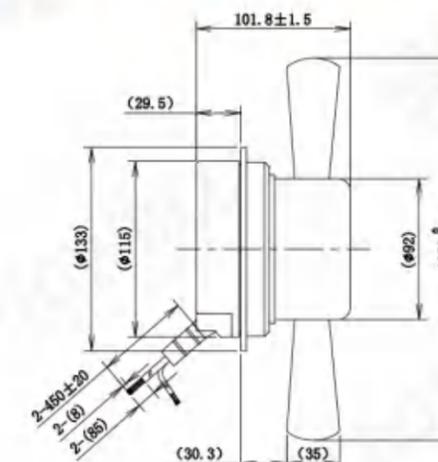
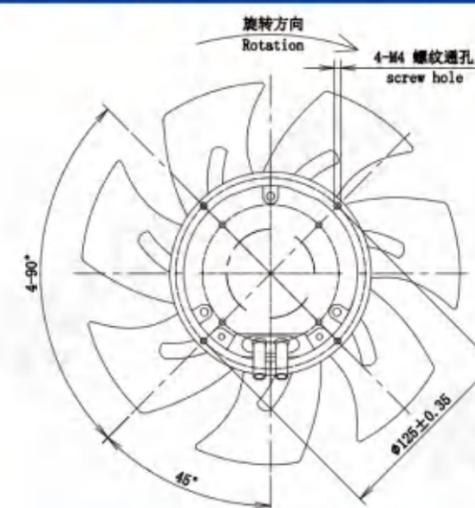
## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G250SS-7MNW-01	220	50/60	0.9	135	3150	1751	69
LWAE3G250ST-7MNW-02	220	50/60	0.9	135	3150	1751	69
LWAE3G250SS-7MEW-03	220	50/60	0.9	135	3150	1751	69
LWAE3G250ST-7MEW-04	220	50/60	0.9	135	3150	1751	69
LWAE3G250SS-7MGW-05	220	50/60	0.9	135	3150	1751	69
LWAE3G250ST-7MGW-06	220	50/60	0.9	135	3150	1751	69



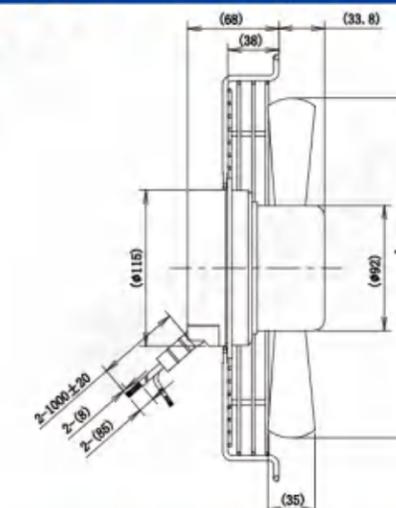
LWAE3G250SS-7MNW-01(Suction)

LWAE3G250ST-7MNW-02(Blowing)



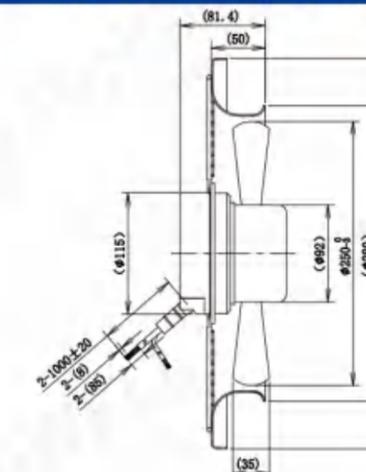
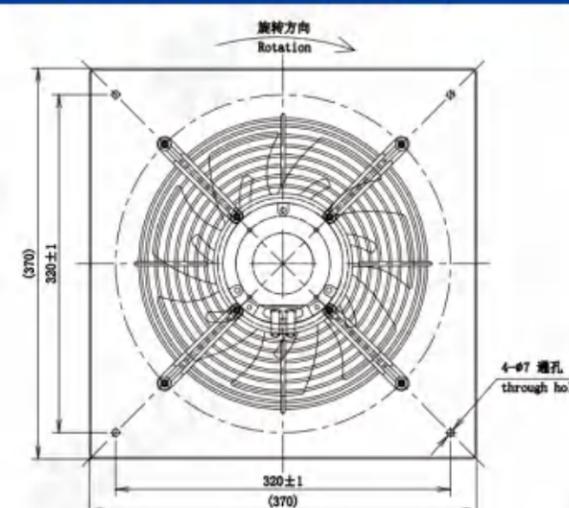
LWAE3G250SS-7MEW-03(Suction)

LWAE3G250ST-7MEW-04(Blowing)



LWAE3G250SS-7MGW-05(Suction)

LWAE3G250ST-7MGW-06(Blowing)

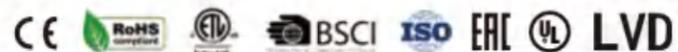


# LWAE-300 Serie



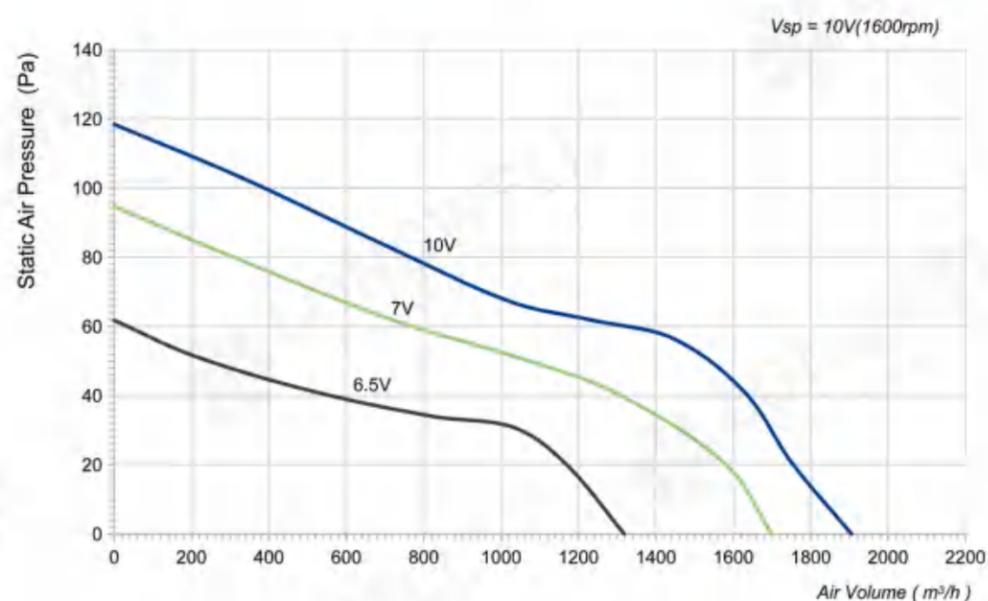
## Product Characteristic

- Material : PA66
- Type of Protection: IP54
- Insulation Class: B
- Motor Type: BLEC Motor
- Operation Temperature: -25°C ~ +60°C
- Technical Feature : Control input 0-10VDC/PWM, Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection



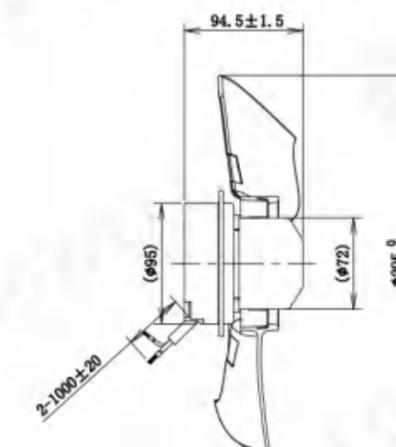
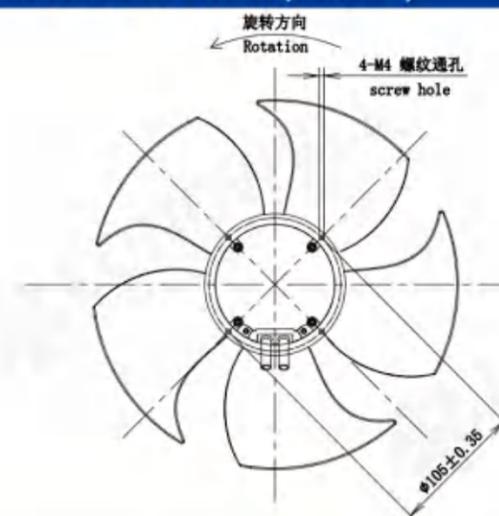
## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G300SS-5PNW-10	220	50/60	0.5	100	1600	1906	54
LWAE3G300ST-5PNW-11	220	50/60	0.5	100	1600	1906	54
LWAE3G300SS-5PEW-12	220	50/60	0.5	100	1600	1906	54
LWAE3G300ST-5PEW-13	220	50/60	0.5	100	1600	1906	54
LWAE3G300SS-5PGW-14	220	50/60	0.5	100	1600	1906	54
LWAE3G300ST-5PGW-15	220	50/60	0.5	100	1600	1906	54



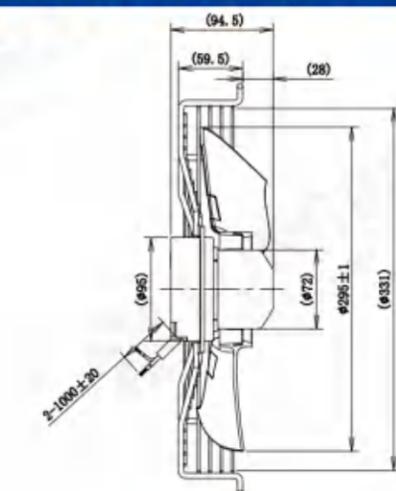
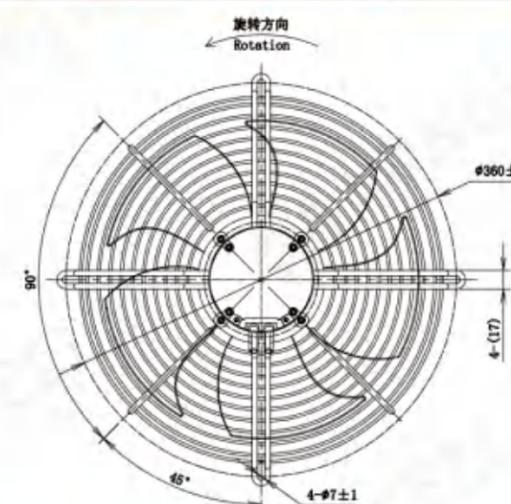
LWAE3G300SS-5PNW-10(Suction)

LWAE3G300ST-5PNW-11(Blowing)



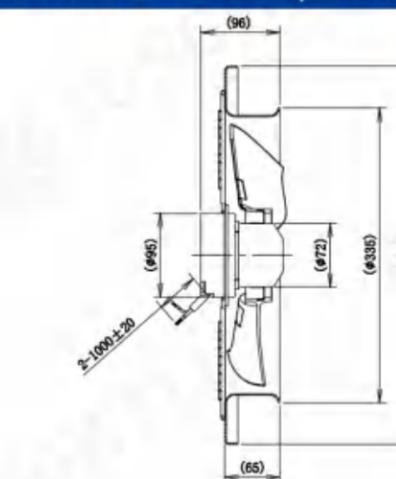
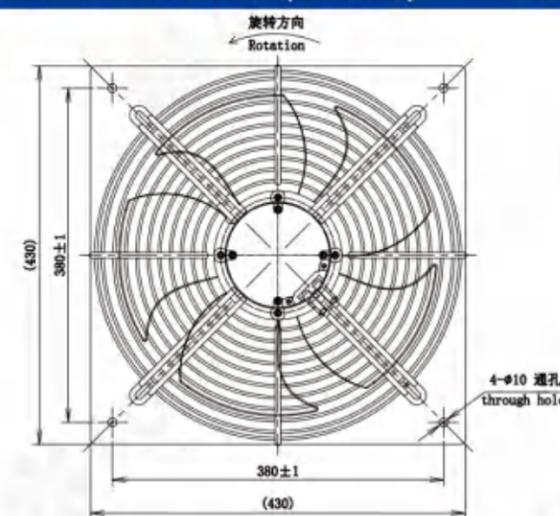
LWAE3G300SS-5PEW-12(Suction)

LWAE3G300ST-5PEW-13(Blowing)



LWAE3G300SS-5PGW-14(Suction)

LWAE3G300ST-5PGW-15(Blowing)



# LWAE-300 Serie

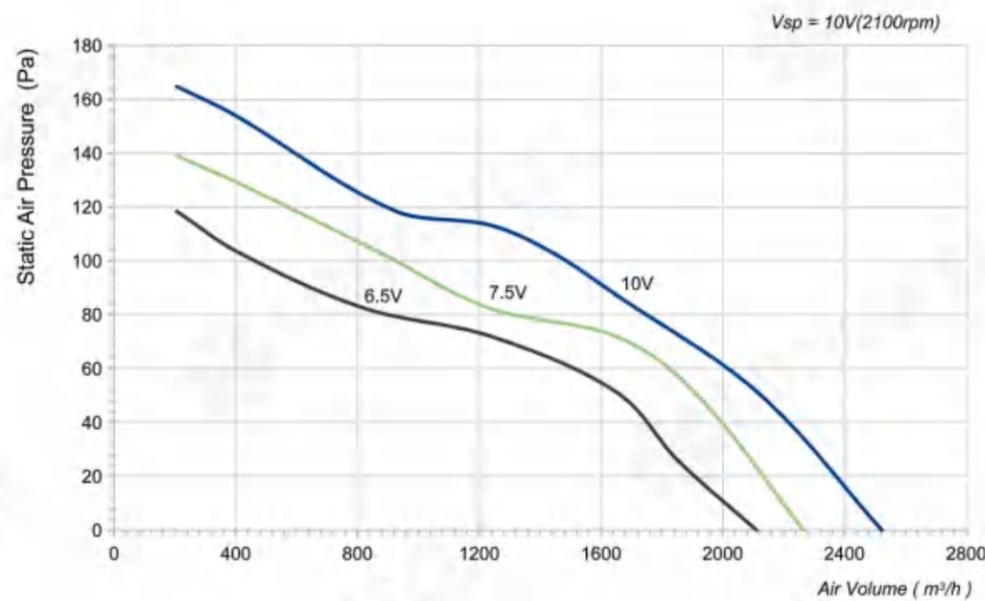
## Product Characteristic

- Material : PA66
- Type of Protection: IP54
- Insulation Class: B
- Motor Type: BLEC Motor
- Operation Temperature: -25 C ~ +60 C
- Technical Feature : Control input 0-10VDC/PWM, Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection



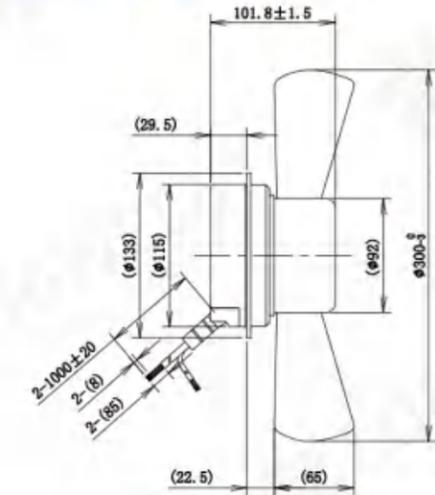
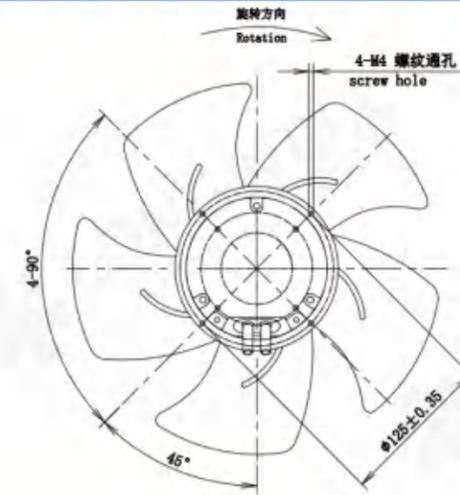
## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G300SS-5PNW-01	220	50/60	1.1	165	2100	2575	64
LWAE3G300ST-5PNW-02	220	50/60	1.1	165	2100	2575	64
LWAE3G300SS-5PEW-03	220	50/60	1.1	165	2100	2575	64
LWAE3G300ST-5PEW-04	220	50/60	1.1	165	2100	2575	64
LWAE3G300SS-5PGW-05	220	50/60	1.1	165	2100	2575	64
LWAE3G300ST-5PGW-06	220	50/60	1.1	165	2100	2575	64



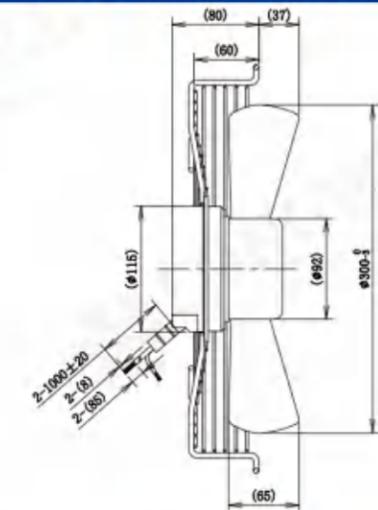
LWAE3G300SS-5PNW-01(Suction)

LWAE3G300ST-5PNW-02(Blowing)



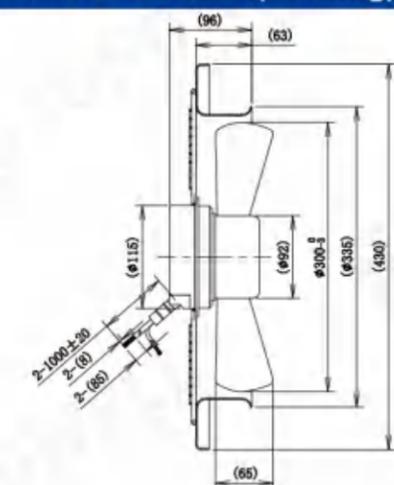
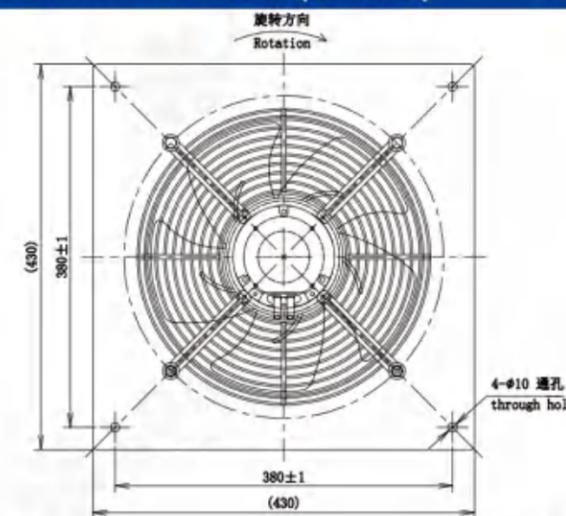
LWAE3G300SS-5PEW-03(Suction)

LWAE3G300ST-5PEW-04(Blowing)

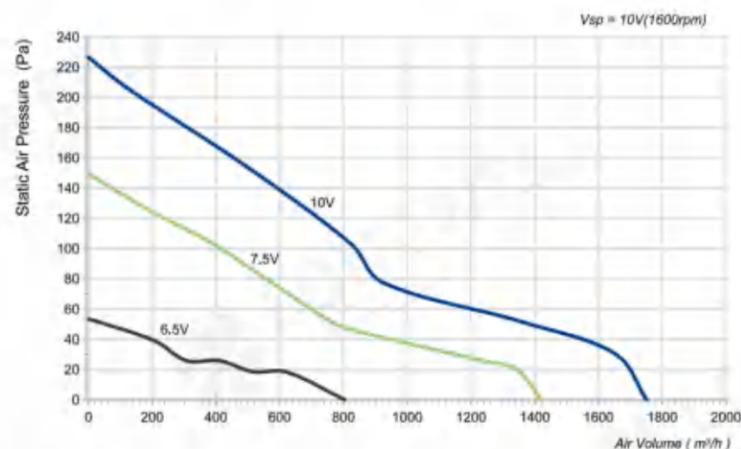


LWAE3G300SS-5PGW-05(Suction)

LWAE3G300ST-5PGW-06(Blowing)



# LWAE-300 Serise



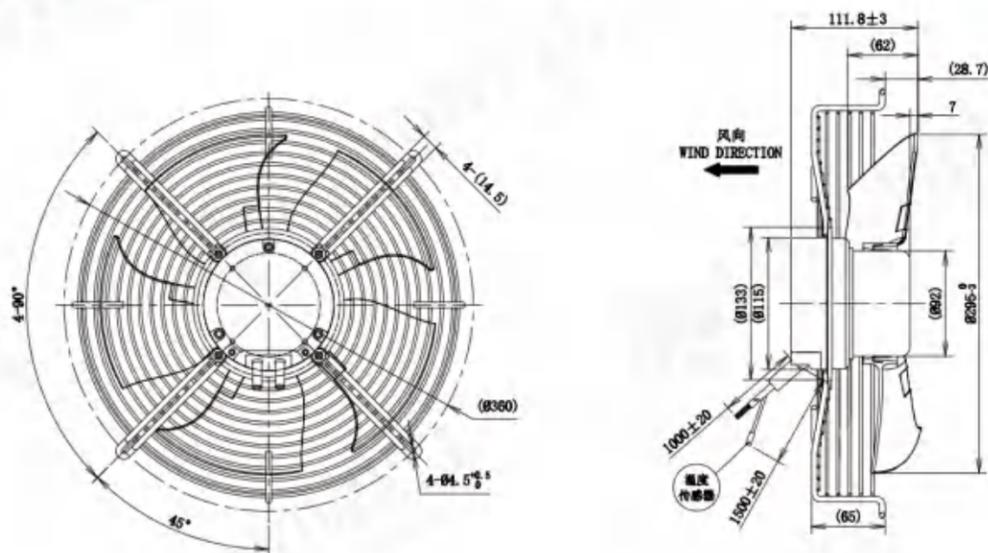
## Product Characteristic

- Material : Sheet Steel
- Insulation Class: B
- Operation Temperature: -25 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM

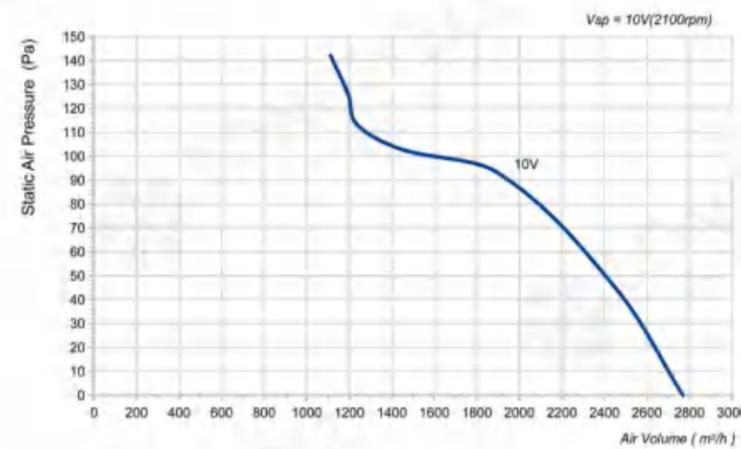


## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G300SS-5MEW-07	220	50/60	0.7	90	1600	1751	59
LWAE3G300ST-5MEW-08	220	50/60	0.7	90	1600	1751	59



# LWAE-300 Serise



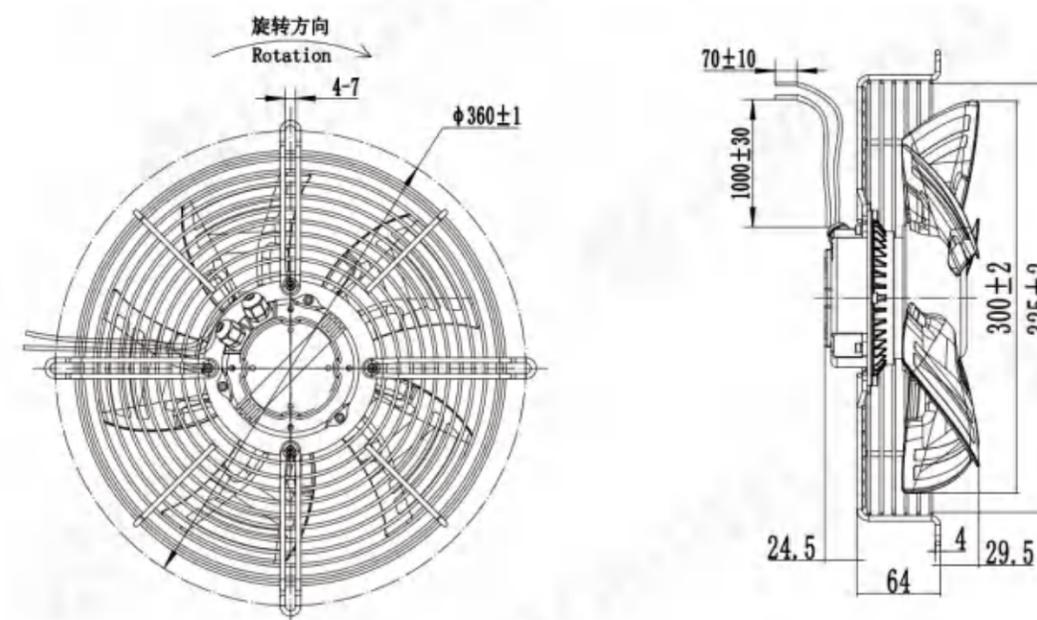
## Product Characteristic

- Material : PA66
- Insulation Class: F
- Operation Temperature: -25 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM



## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G300SS-5PEW-09	230	50/60	0.87	126	2100	2781	65

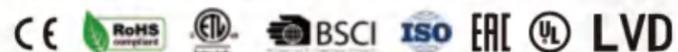


# LWAE-315 Serise



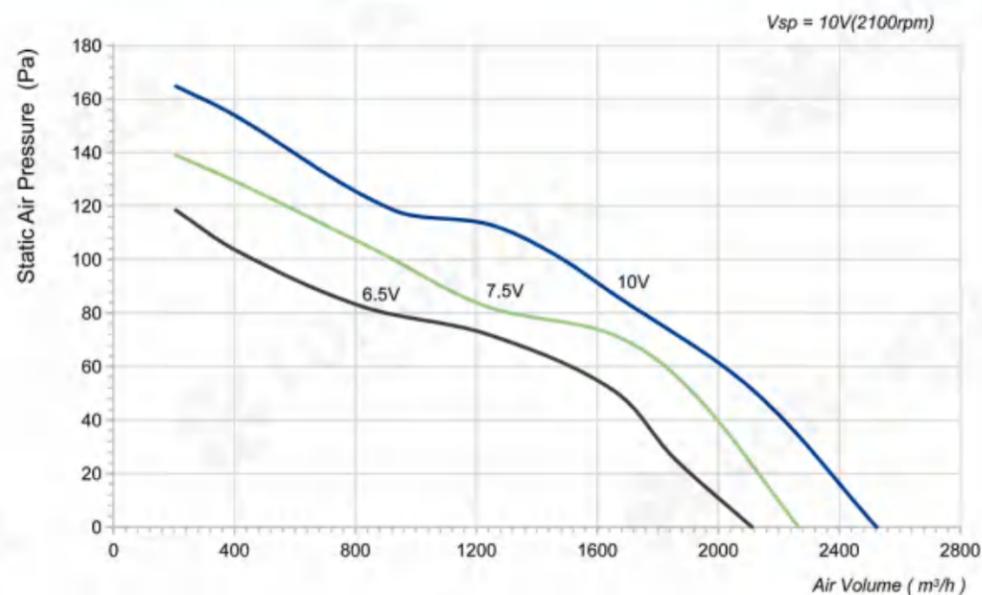
## Product Characteristic

- Material : PA66
- Type of Protection: IP54
- Insulation Class: B
- Motor Type: BLEC Motor
- Operation Temperature: -25 C ~ +60 C
- Technical Feature : Control input 0-10VDC/PWM, Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection



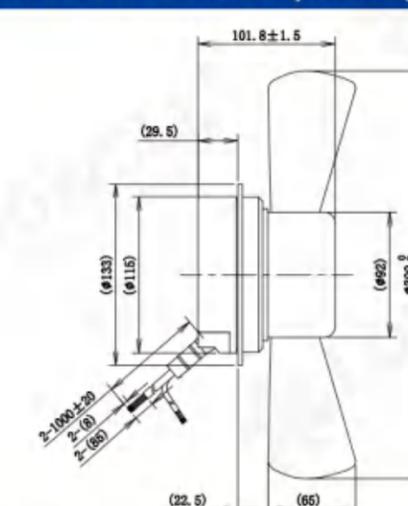
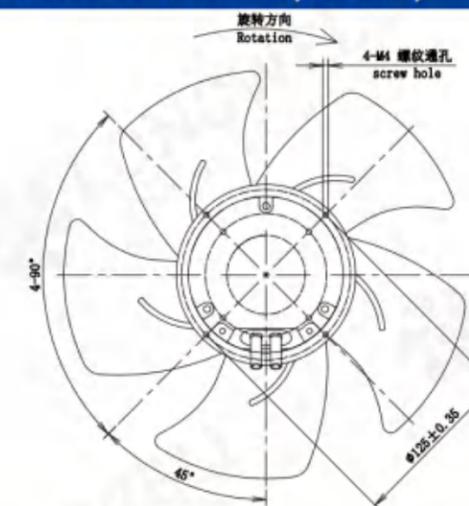
## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G315SS-5PNW-01	220	50/60	1.1	165	2100	2575	66
LWAE3G315ST-5PNW-02	220	50/60	1.1	165	2100	2575	66
LWAE3G315SS-5PEW-03	220	50/60	1.1	165	2100	2575	66
LWAE3G315ST-5PEW-04	220	50/60	1.1	165	2100	2575	66



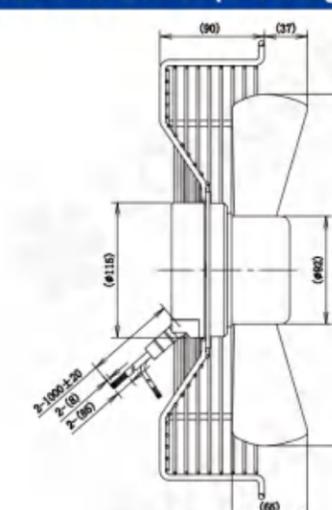
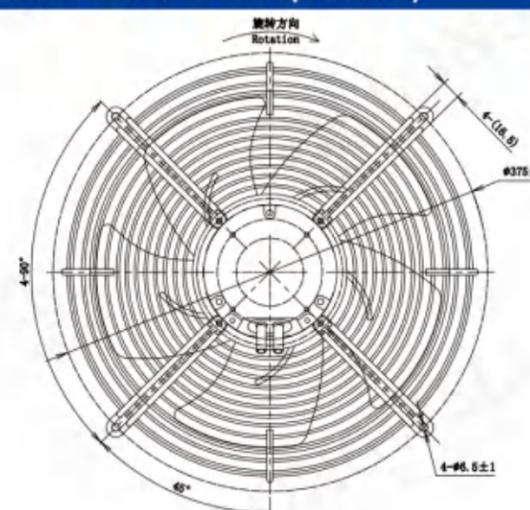
LWAE3G315SS-5PNW-01(Suction)

LWAE3G315ST-5PNW-02(Blowing)



LWAE3G315SS-5PEW-03(Suction)

LWAE3G315ST-5PEW-04(Blowing)

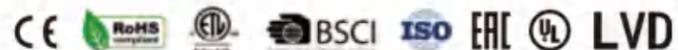


# LWAE-350 Serie



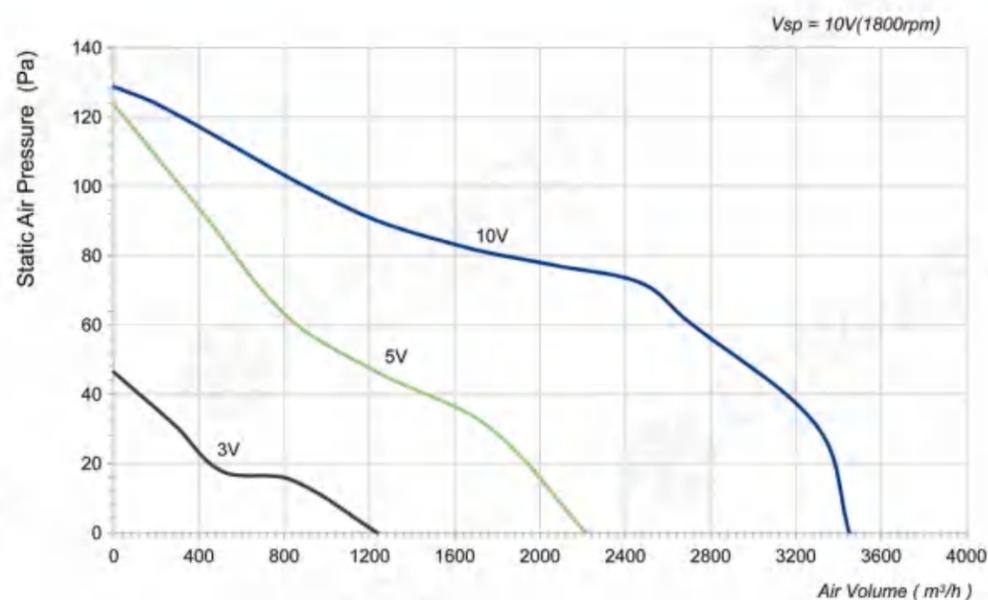
## Product Characteristic

- Material : PA66
- Type of Protection: IP54
- Insulation Class: B
- Motor Type: BLEC Motor
- Operation Temperature: -25 C ~ +60 C
- Technical Feature : Control input 0-10VDC/PWM, Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection



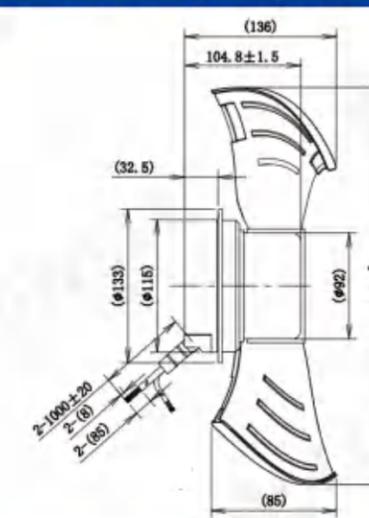
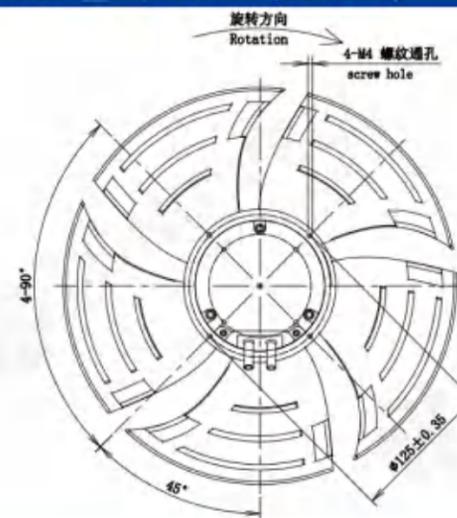
## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G350SS-5PNW-01	220	50/60	1.2	175	1800	3451	65
LWAE3G350ST-5PNW-02	220	50/60	1.2	175	1800	3451	65
LWAE3G350SS-5PEW-03	220	50/60	1.2	175	1800	3451	65
LWAE3G350ST-5PEW-04	220	50/60	1.2	175	1800	3451	65
LWAE3G350SS-5PGW-05	220	50/60	1.2	175	1800	3451	65
LWAE3G350ST-5PGW-06	220	50/60	1.2	175	1800	3451	65



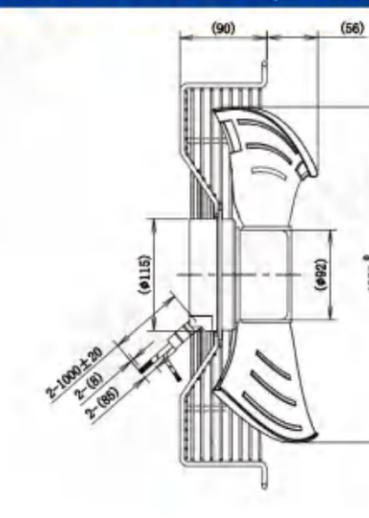
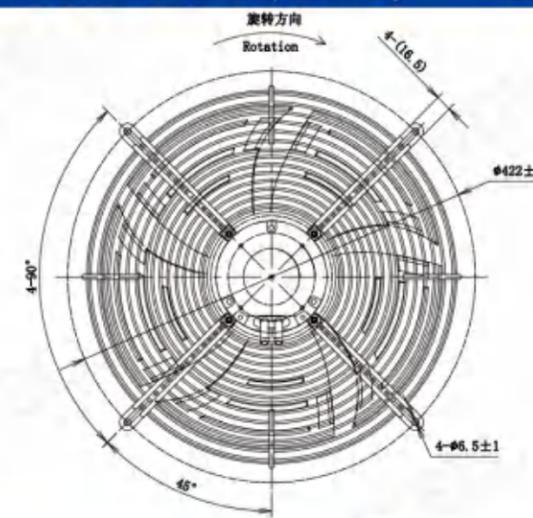
LWAE3G350SS-5PNW-01(Suction)

LWAE3G350ST-5PNW-02(Blowing)



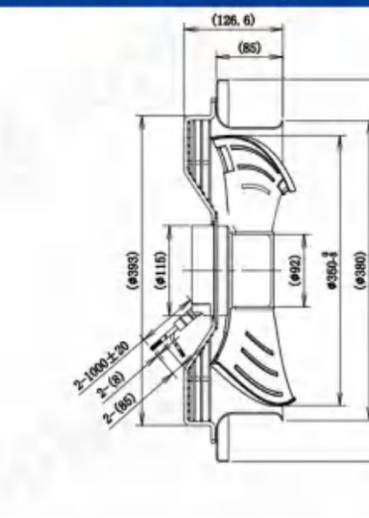
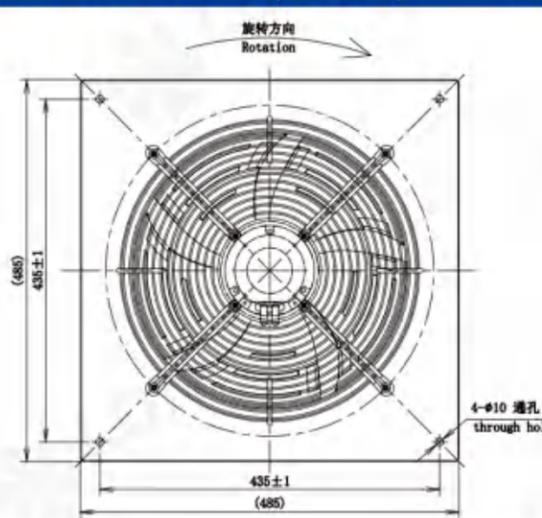
LWAE3G350SS-5PEW-03(Suction)

LWAE3G350ST-5PEW-04(Blowing)

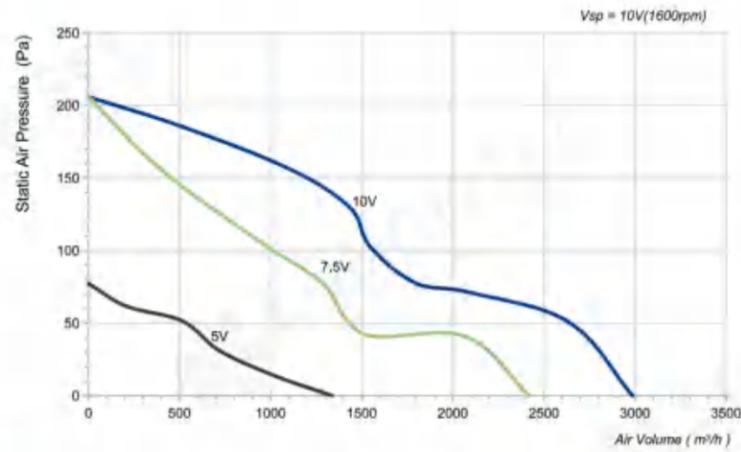


LWAE3G350SS-5PGW-05(Suction)

LWAE3G350ST-5PGW-06(Blowing)



# LWAE-350 Serise



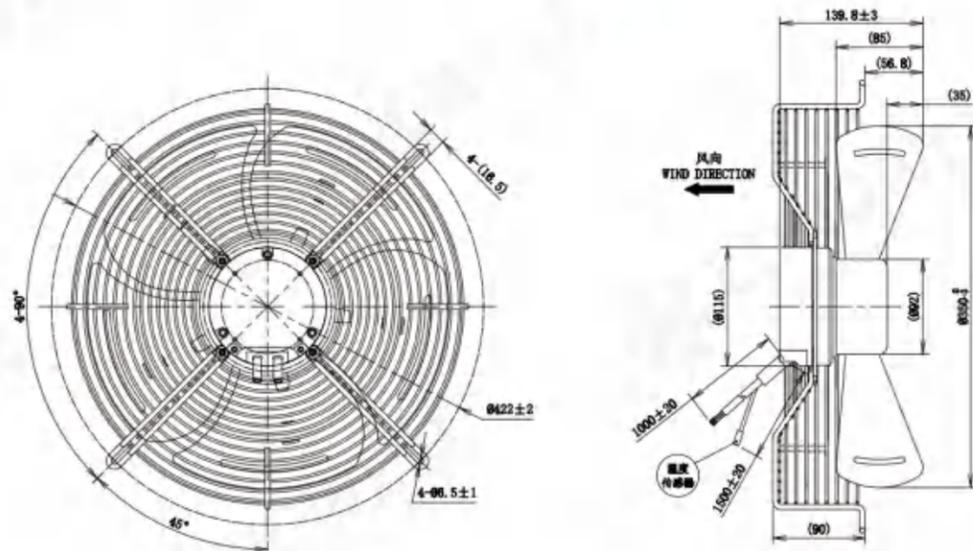
## Product Characteristic

- Material : Sheet Steel
- Insulation Class: B
- Operation Temperature: -25 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM

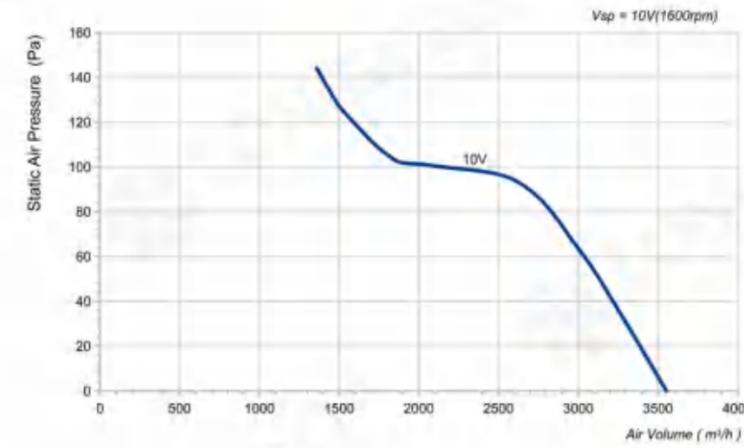


## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G350SS-5MEW-07	220	50/60	1.0	150	1600	2884	66
LWAE3G350ST-5MEW-08	220	50/60	1.0	150	1600	2884	66



# LWAE-350 Serise



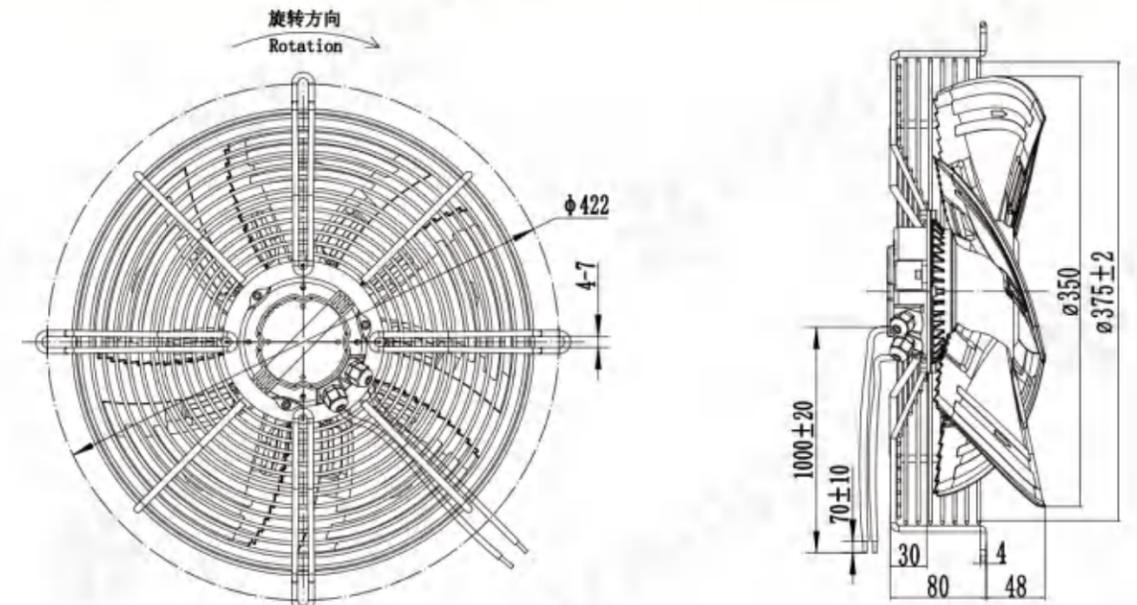
## Product Characteristic

- Material : PA66
- Insulation Class: F
- Operation Temperature: -25 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM



## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G350SS-5PEW-09	230	50/60	1.11	164	1600	3554	62



# LWAE-400 Serie

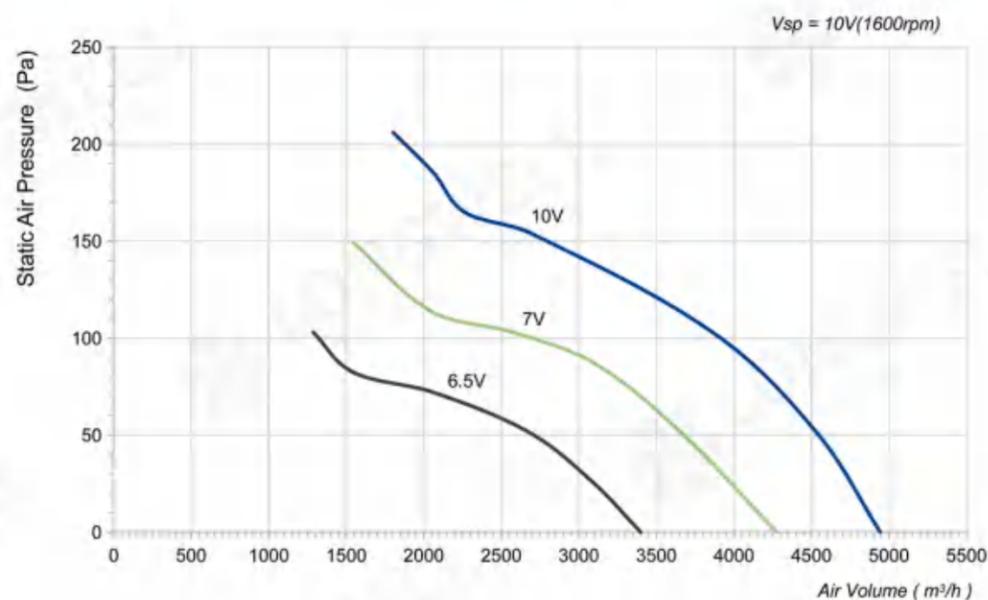
## Product Characteristic

- Material : Sheet steel
- Type of Protection: IP54
- Insulation Class: B
- Motor Type: BLEC Motor
- Operation Temperature: -25°C ~ +60°C
- Technical Feature : Control input 0-10VDC/PWM, Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection



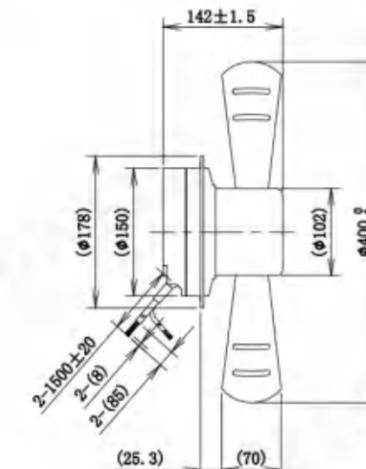
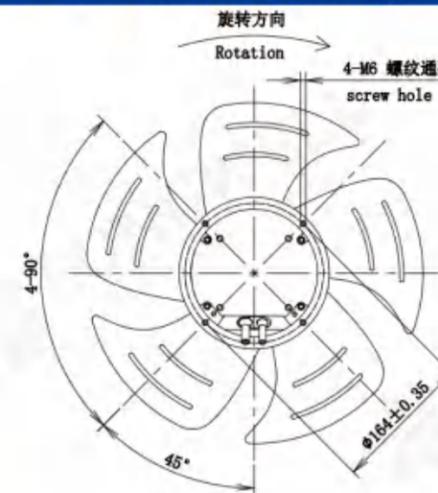
## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G400SS-5MNW-01	220	50/60	1.4	315	1600	4944	69
LWAE3G400ST-5MNW-02	220	50/60	1.4	315	1600	4944	69
LWAE3G400SS-5MEW-03	220	50/60	1.4	315	1600	4944	69
LWAE3G400ST-5MEW-04	220	50/60	1.4	315	1600	4944	69
LWAE3G400SS-5MGW-05	220	50/60	1.4	315	1600	4944	69
LWAE3G400ST-5MGW-06	220	50/60	1.4	315	1600	4944	69



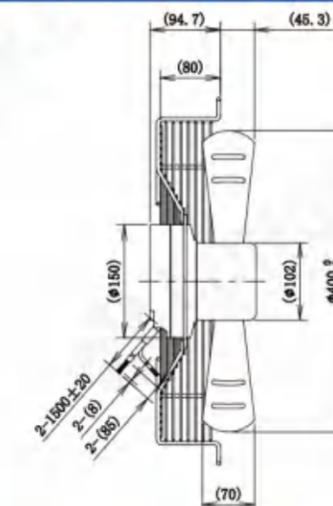
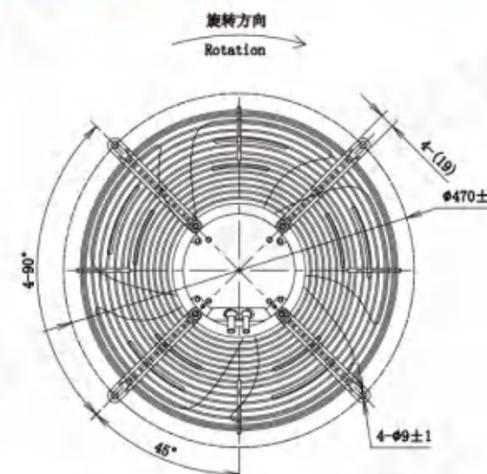
LWAE3G400SS-5MNW-01(Suction)

LWAE3G400ST-5MNW-02(Blowing)



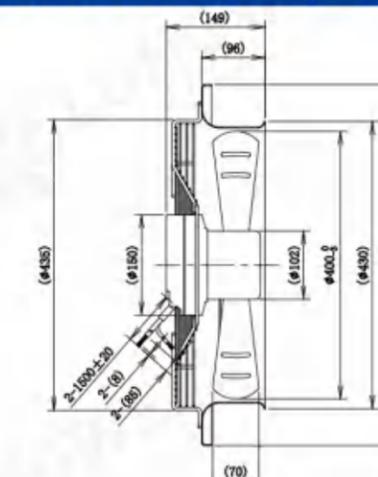
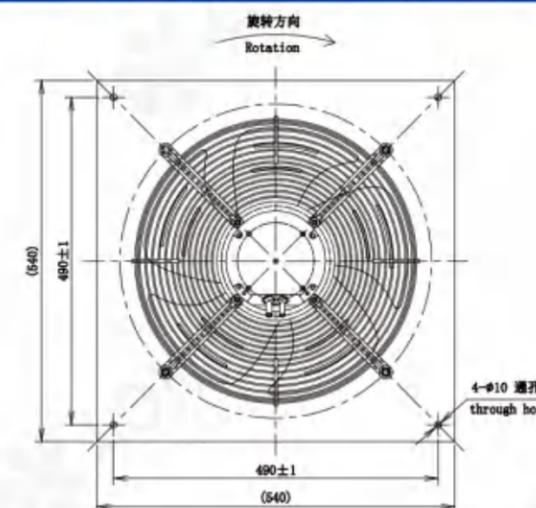
LWAE3G400SS-5MEW-03(Suction)

LWAE3G400ST-5MEW-04(Blowing)

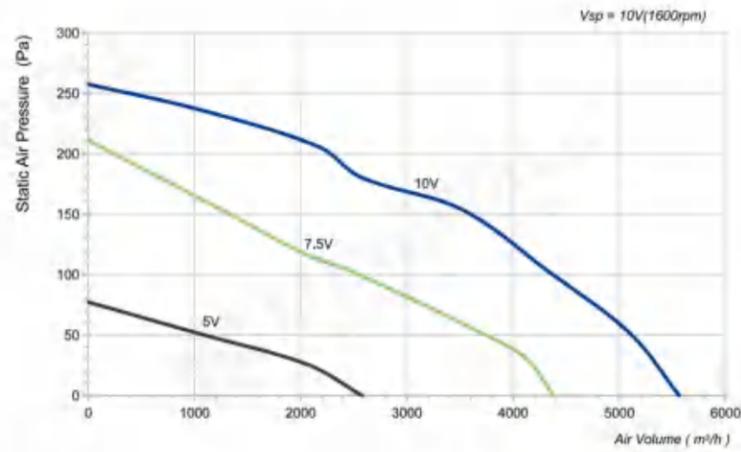


LWAE3G400SS-5MGW-05(Suction)

LWAE3G400ST-5MGW-06(Blowing)



# LWAE-400 Serise



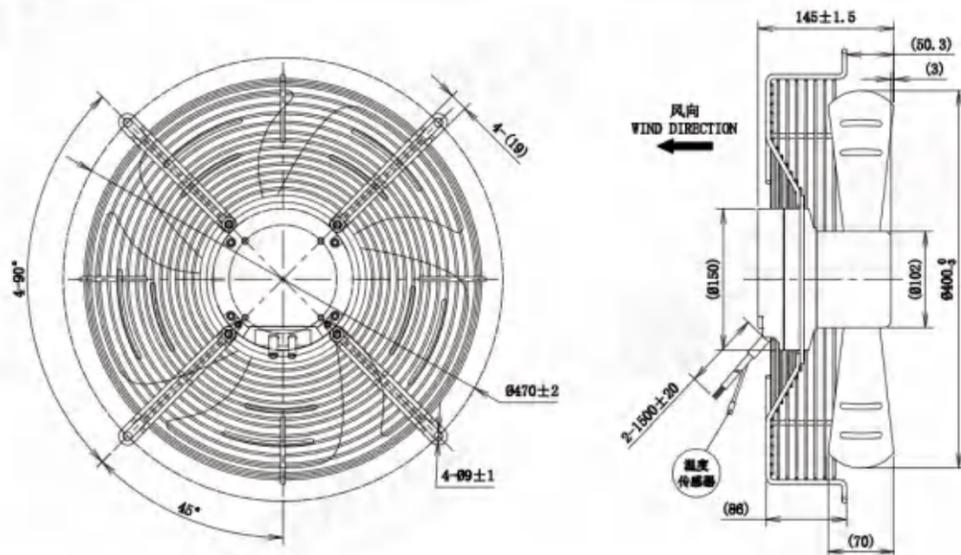
## Product Characteristic

- Material : Sheet Steel
- Insulation Class: B
- Operation Temperature: -25 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM

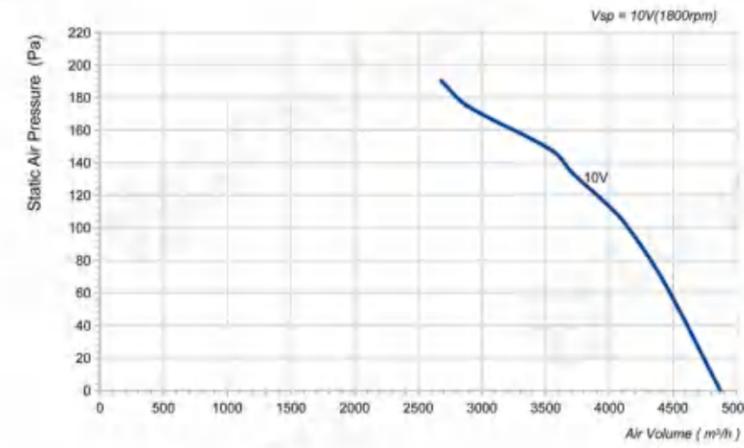


## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G400SS-5MEW-07	220	50/60	1.6	360	1600	5562	67
LWAE3G400ST-5MEW-08	220	50/60	1.6	360	1600	5562	67



# LWAE-400 Serise



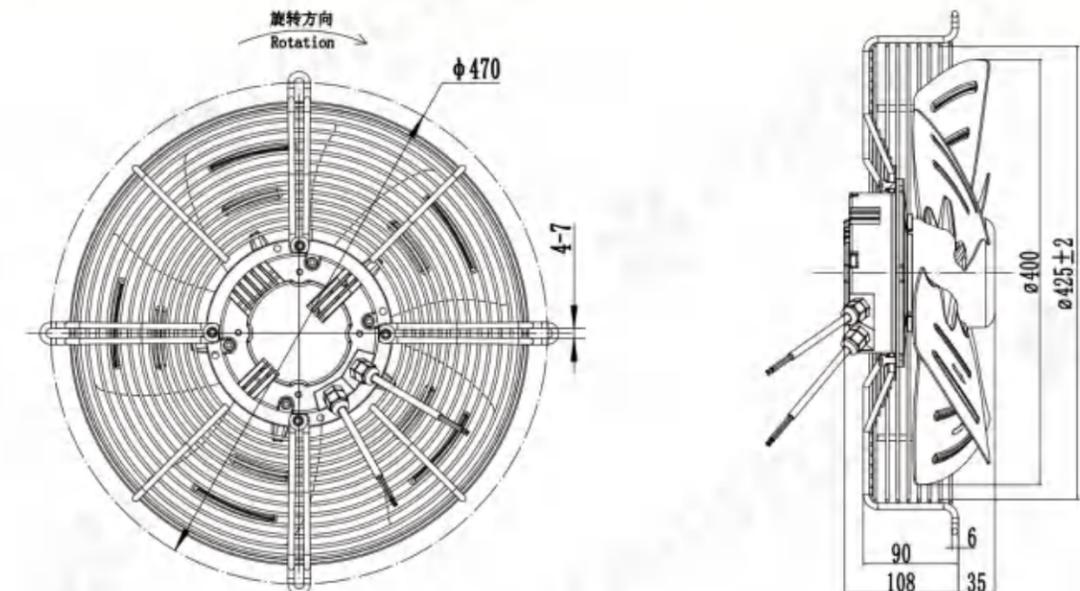
## Product Characteristic

- Material : Sheet Steel
- Insulation Class: F
- Operation Temperature: -25 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM



## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G400SS-5MEW-09	230	50/60	1.17	264	1800	4871	66

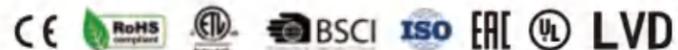


# LWAE-450 Serie



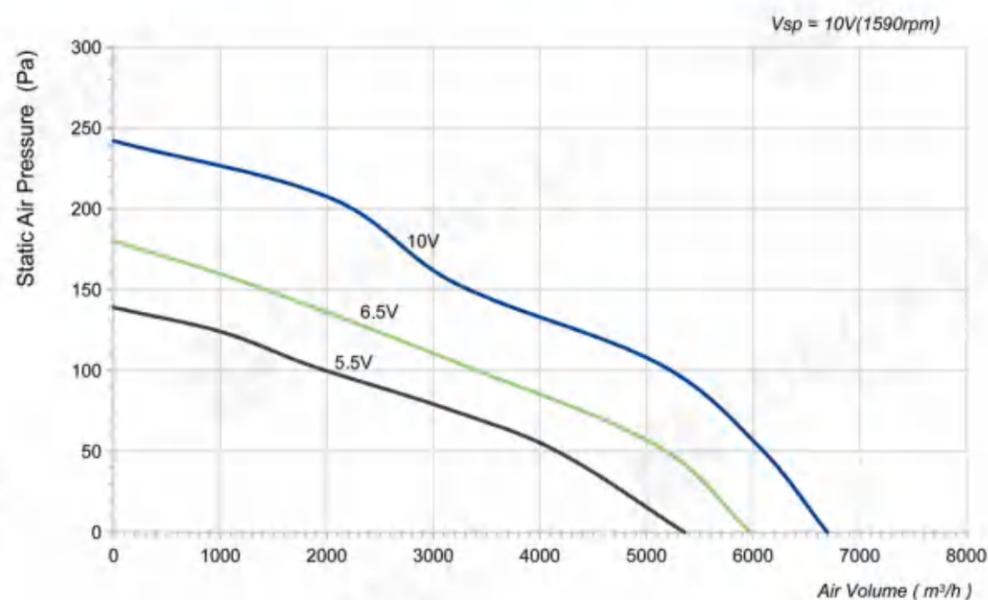
## Product Characteristic

- Material : PA66
- Type of Protection: IP54
- Insulation Class: B
- Motor Type: BLEC Motor
- Operation Temperature: -25 °C ~ +60 °C
- Technical Feature : Control input 0-10VDC/PWM, Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection



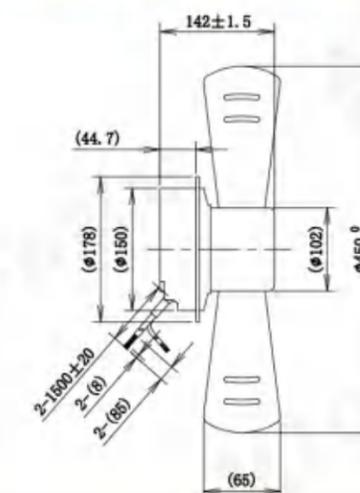
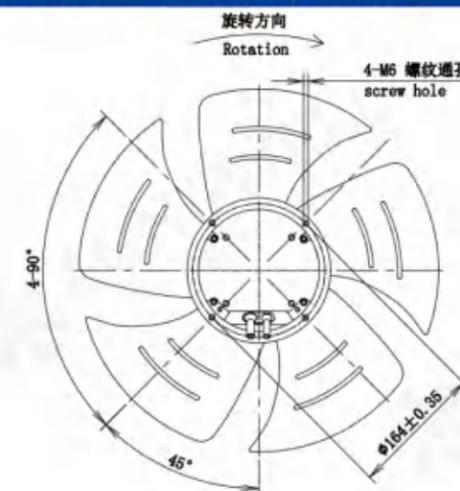
## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G450SS-5MNW-01	220	50/60	2.0	420	1590	6695	68
LWAE3G450ST-5MNW-02	220	50/60	2.0	420	1590	6695	68
LWAE3G450SS-5MEW-03	220	50/60	2.0	420	1590	6695	68
LWAE3G450ST-5MEW-04	220	50/60	2.0	420	1590	6695	68
LWAE3G450SS-5MGW-05	220	50/60	2.0	420	1590	6695	68
LWAE3G450ST-5MGW-06	220	50/60	2.0	420	1590	6695	68



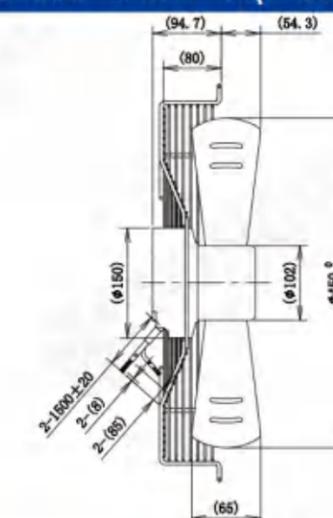
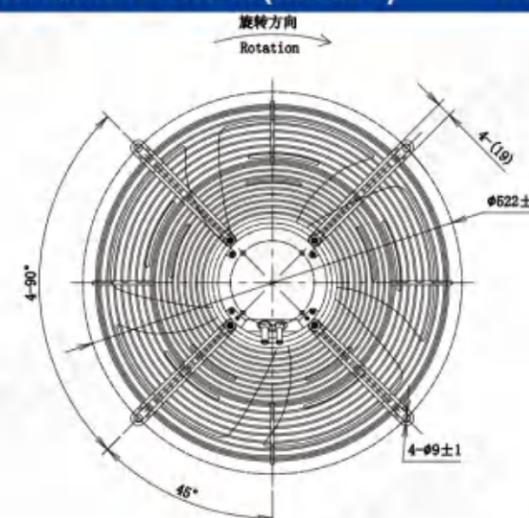
LWAE3G450SS-5MNW-01(Suction)

LWAE3G450ST-5MNW-02(Blowing)



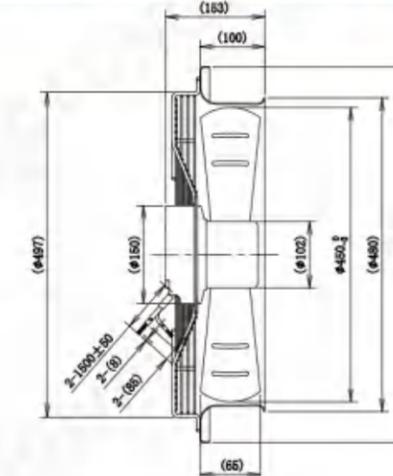
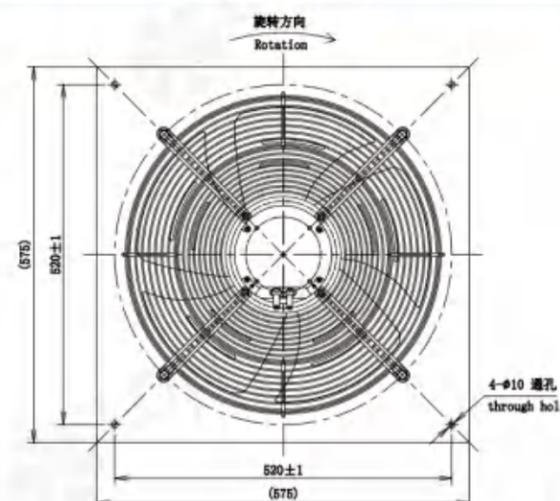
LWAE3G450SS-5MEW-03(Suction)

LWAE3G450ST-5MEW-04(Blowing)

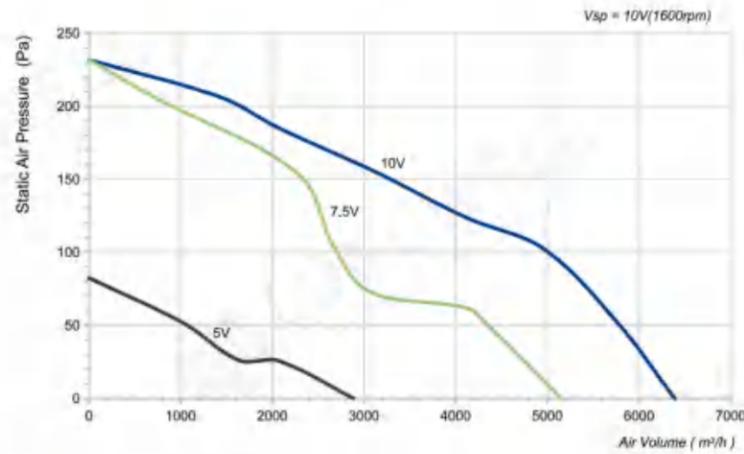


LWAE3G450SS-5MGW-05(Suction)

LWAE3G450ST-5MGW-06(Blowing)



# LWAE-450 Serise



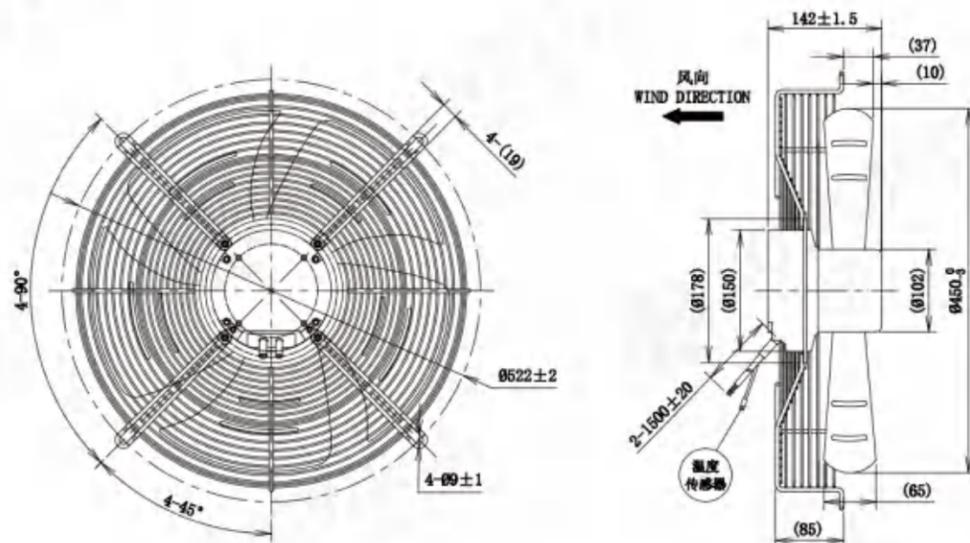
## Product Characteristic

- Material : PA66
- Insulation Class: B
- Operation Temperature: -25 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM

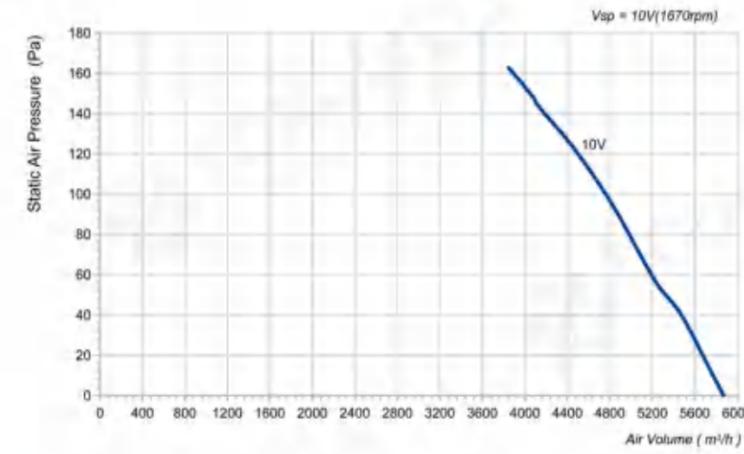


## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G450SS-5MEW-07	220	50/60	2.15	445	1600	6386	68
LWAE3G450ST-5MEW-08	220	50/60	2.15	445	1600	6386	68



# LWAE-450 Serise



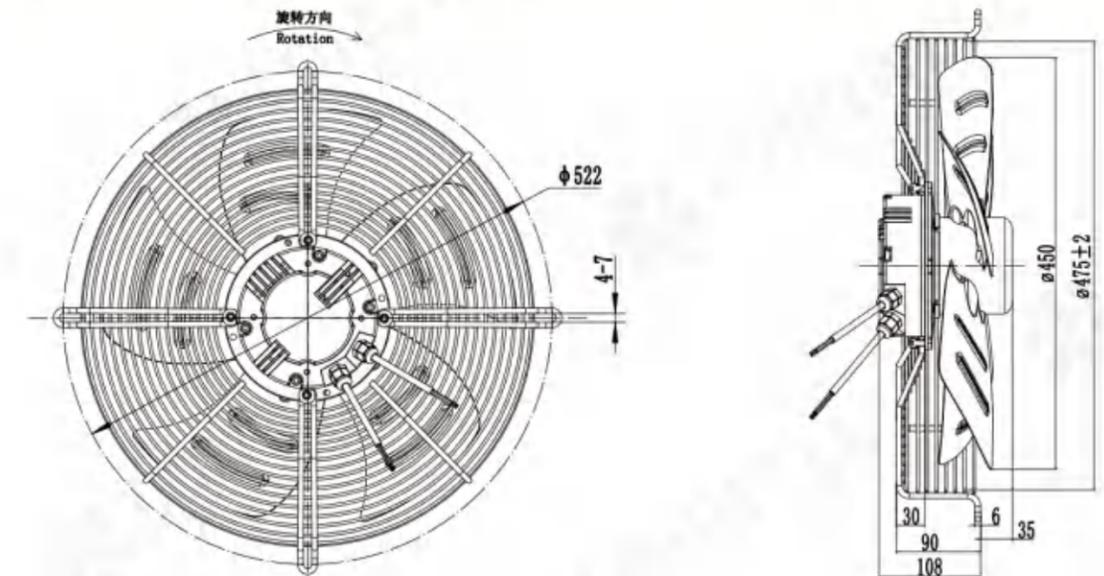
## Product Characteristic

- Material : Sheet Steel
- Insulation Class: F
- Operation Temperature: -25 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM

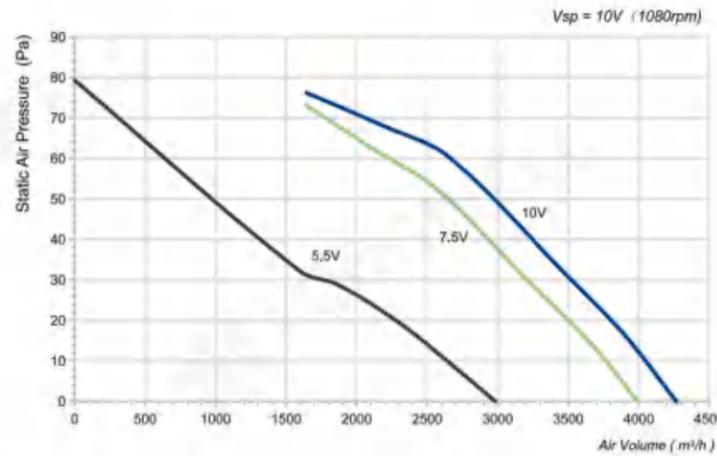


## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G450SS-5MEW-09	230	50/60	1.16	264	1670	5871	67



# LWAE-450 Serise



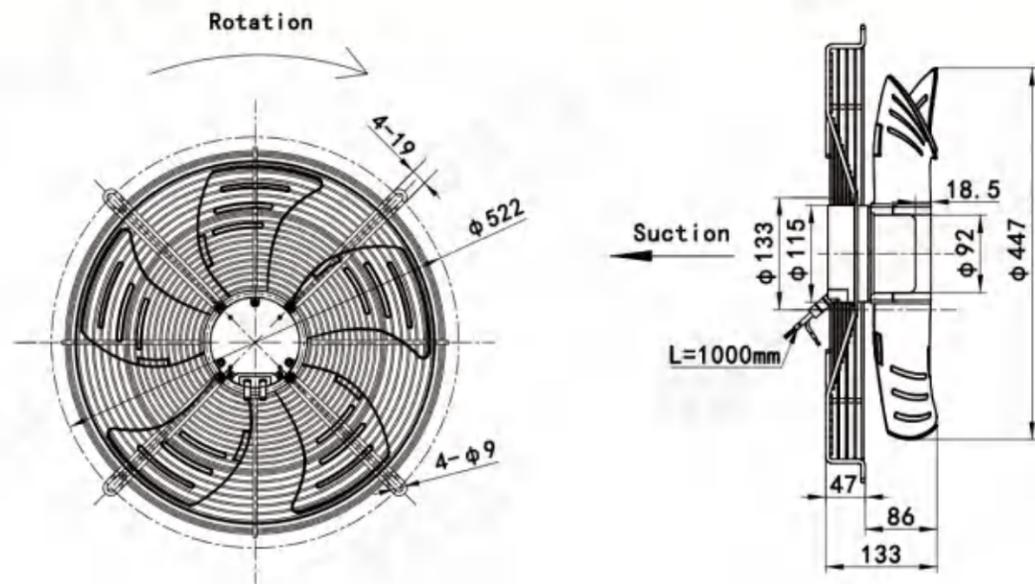
## Product Characteristic

- Material : PA66
- Insulation Class: B
- Operation Temperature: -20°C ~ +60°C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP44
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM

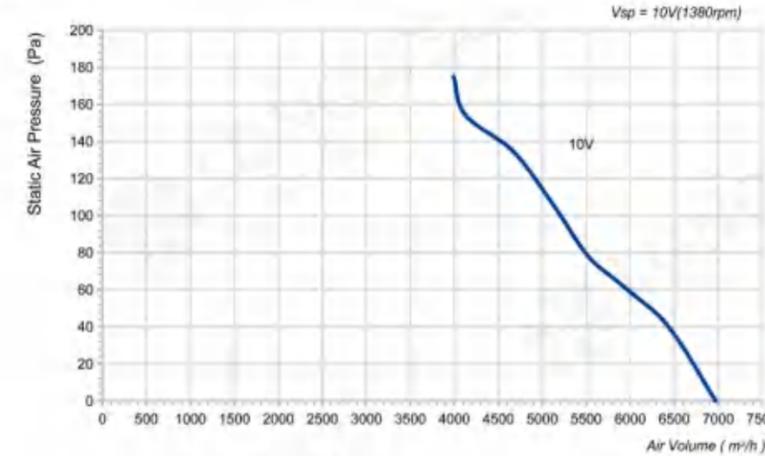


## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G450SS-5PEW-10	220	50/60	0.72	100	1080	4266	52



# LWAE-500 Serise



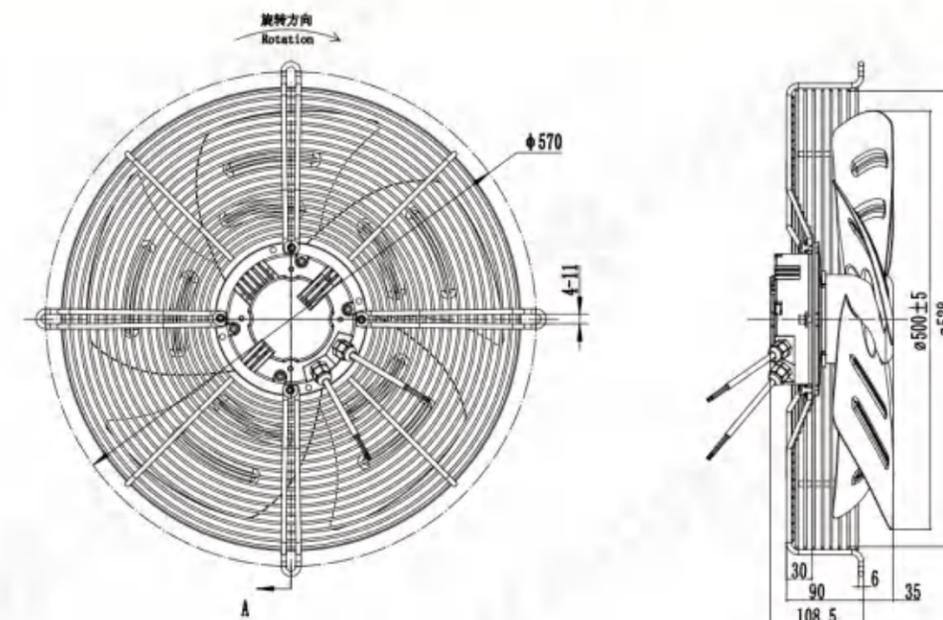
## Product Characteristic

- Material : Sheet steel
- Insulation Class: F
- Operation Temperature: -25°C ~ +60°C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM



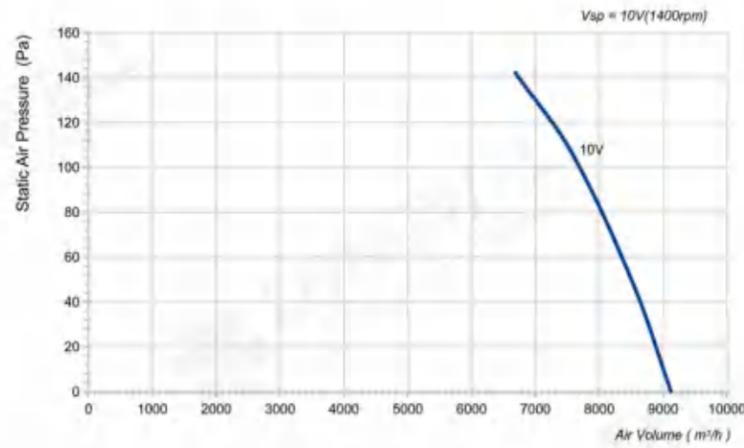
## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G500SS-5MEW-11	230	50/60	1.5	343	1380	6971	67





# LWAE-500 Serise



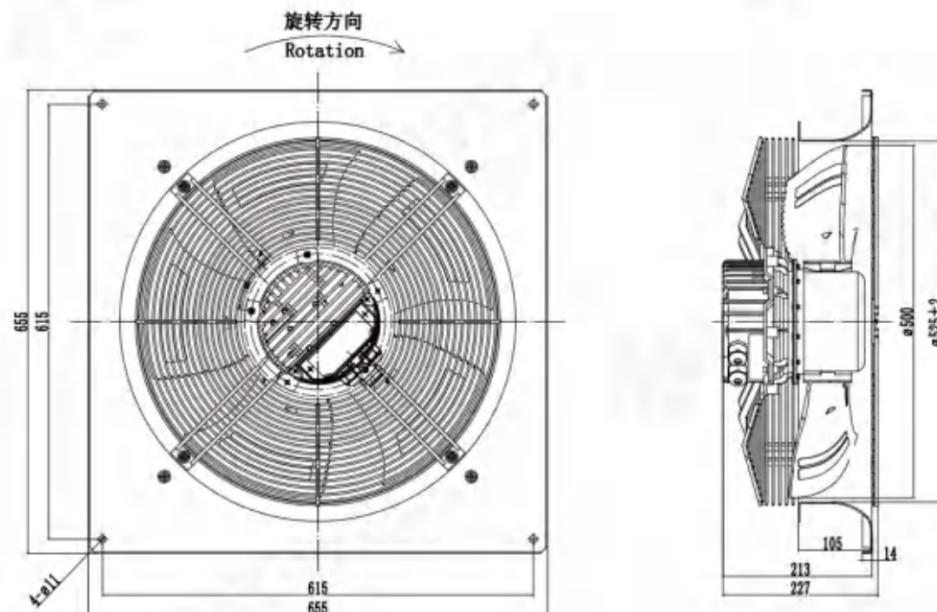
## Product Characteristic

- Material : PA66
- Insulation Class: F
- Operation Temperature: -25 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM/RS485

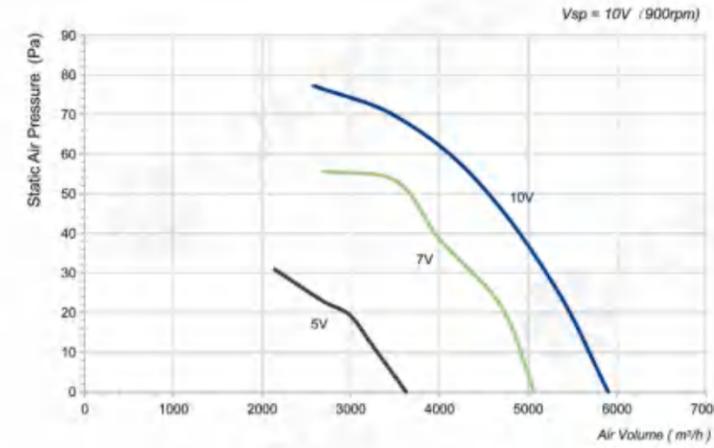


## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G500SS-5PKW-12	230	50/60	2.25	586	1400	9122	70



# LWAE-500 Serise



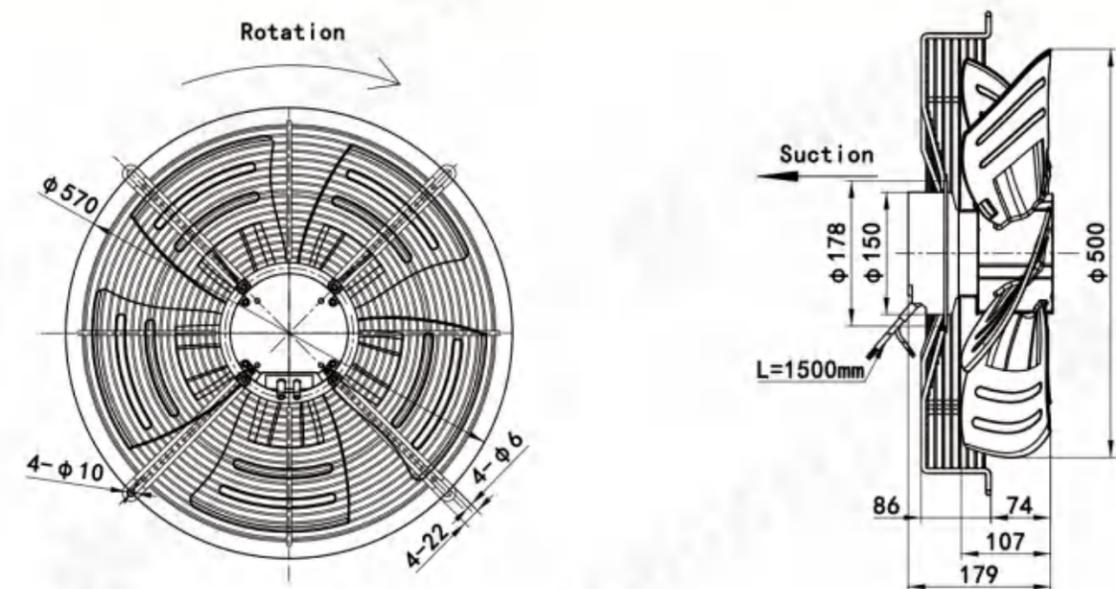
## Product Characteristic

- Material : PA66
- Insulation Class: B
- Operation Temperature: -20 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM/RS485



## Technical Specifications

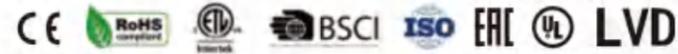
Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G500SS-5PKW-15	230	50/60	1.4	200	900	5900	56



# LWAE-550 Serie

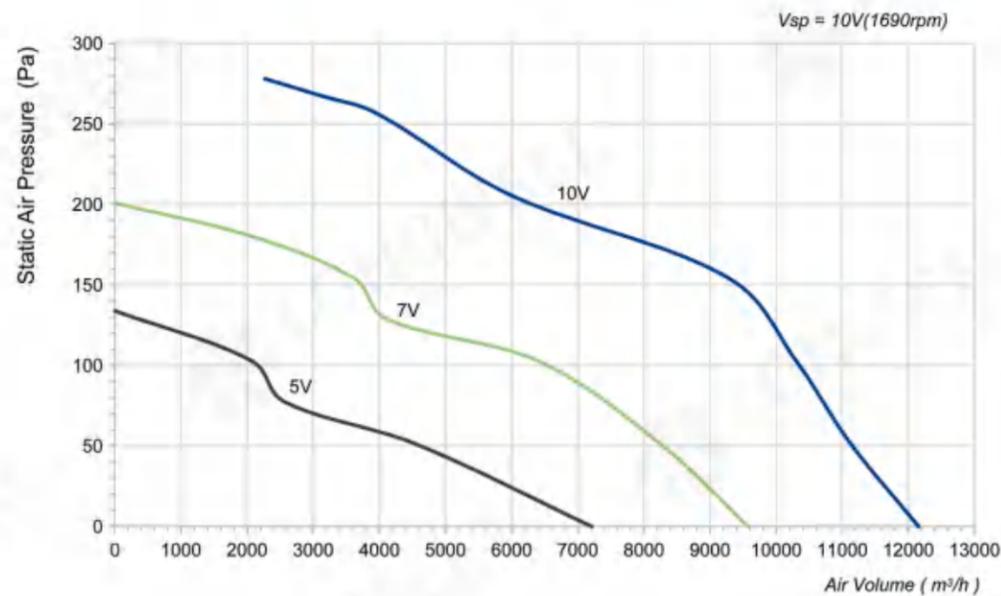
## Product Characteristic

- Material : Sheet steel
- Type of Protection: IP54
- Insulation Class: F
- Motor Type: BLEC Motor
- Operation Temperature: -25 C ~ +60 C
- Technical Feature : Control input 0-10VDC/PWM, Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection



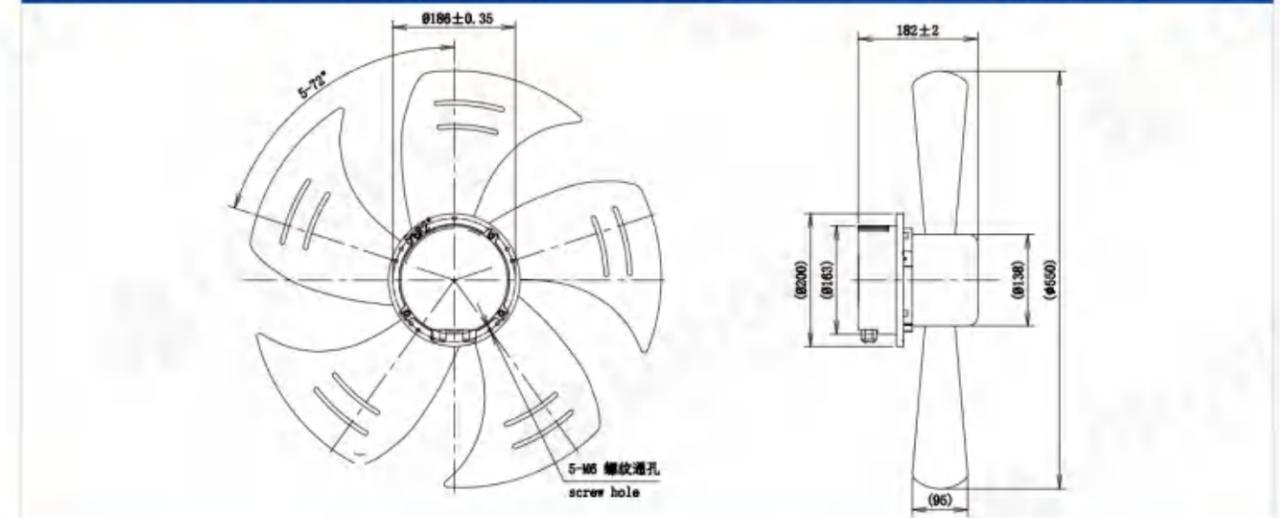
## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G550TS-5MNW-01	3-380	50/60	1.65	950	1690	12154	78
LWAE3G550TT-5MNW-02	3-380	50/60	1.65	950	1690	12154	78
LWAE3G550TS-5MEW-03	3-380	50/60	1.65	950	1690	12154	78
LWAE3G550TT-5MEW-04	3-380	50/60	1.65	950	1690	12154	78
LWAE3G550TS-5MKW-05	3-380	50/60	1.65	950	1690	12154	78
LWAE3G550TT-5MKW-06	3-380	50/60	1.65	950	1690	12154	78



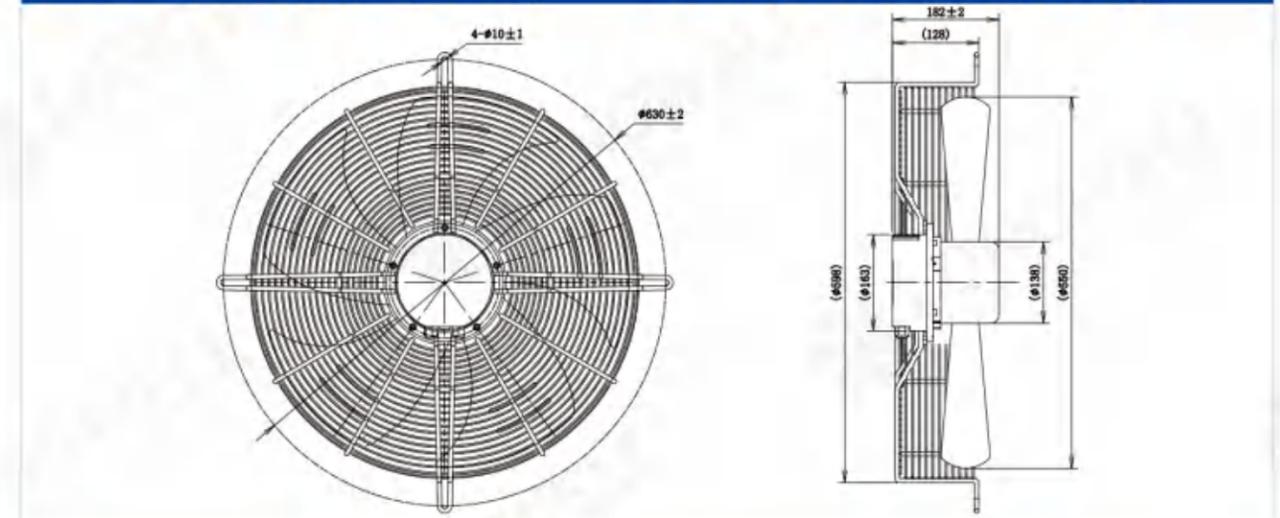
LWAE3G550TS-5MNW-01(Suction)

LWAE3G550TT-5MNW-02(Blowing)



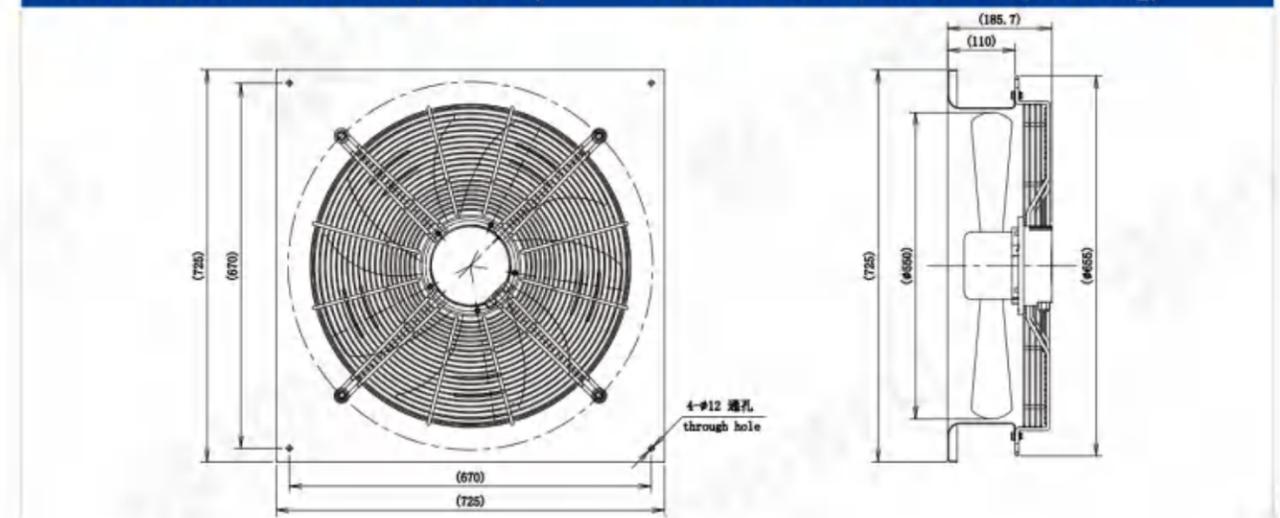
LWAE3G550TS-5MEW-03(Suction)

LWAE3G550TT-5MEW-04(Blowing)



LWAE3G550TS-5MKW-05(Suction)

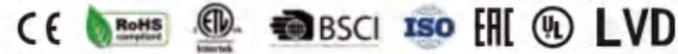
LWAE3G550TT-5MKW-06(Blowing)



# LWAE-630 Serise

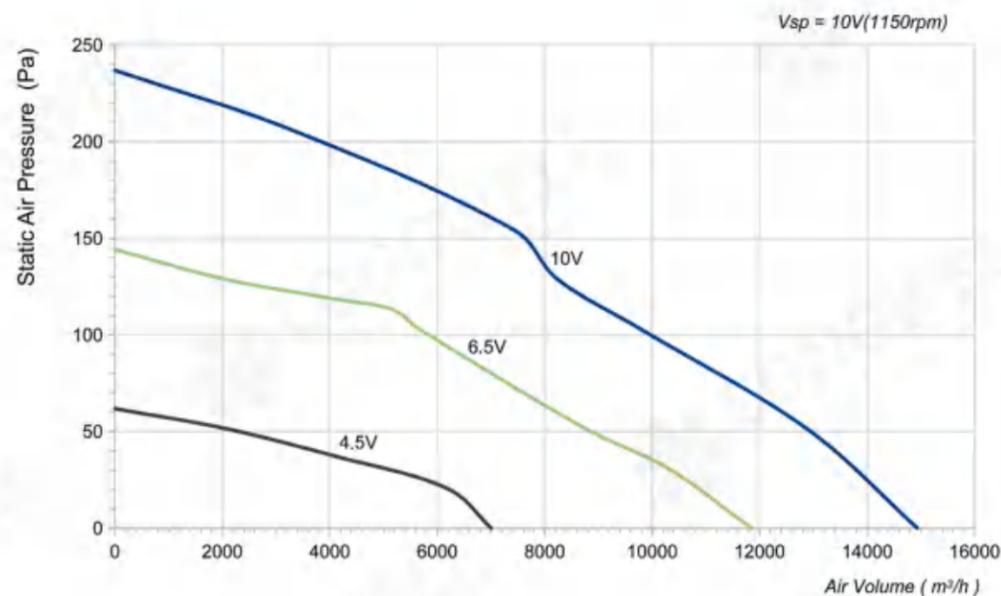
## Product Characteristic

- Material : Sheet steel
- Type of Protection: IP54
- Insulation Class: F
- Motor Type: BLEC Motor
- Operation Temperature: -25 °C ~ +60 °C
- Technical Feature : Control input 0-10VDC/PWM, Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection



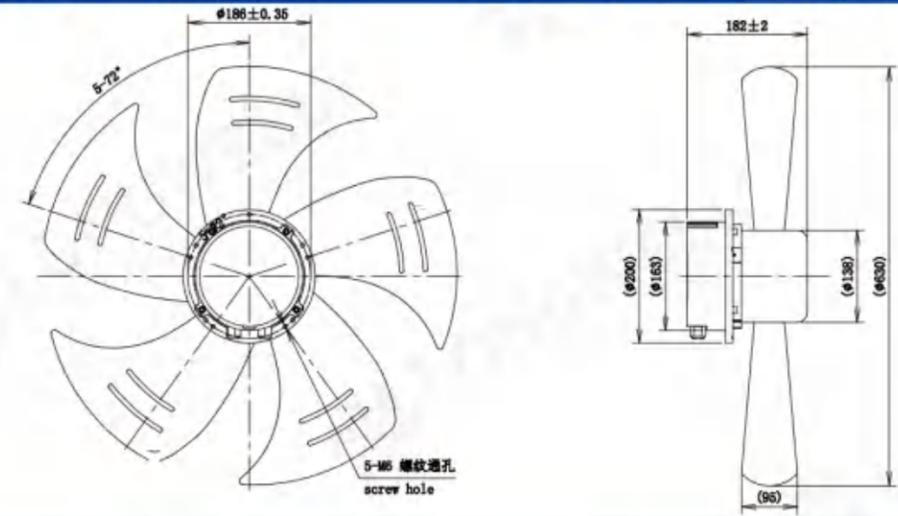
## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G630TS-5MNW-01	3-380	50/60	1.3	800	1150	14935	69
LWAE3G630TT-5MNW-02	3-380	50/60	1.3	800	1150	14935	69
LWAE3G630TS-5MEW-03	3-380	50/60	1.3	800	1150	14935	69
LWAE3G630TT-5MEW-04	3-380	50/60	1.3	800	1150	14935	69
LWAE3G630TS-5MKW-05	3-380	50/60	1.3	800	1150	14935	69
LWAE3G630TT-5MKW-06	3-380	50/60	1.3	800	1150	14935	69



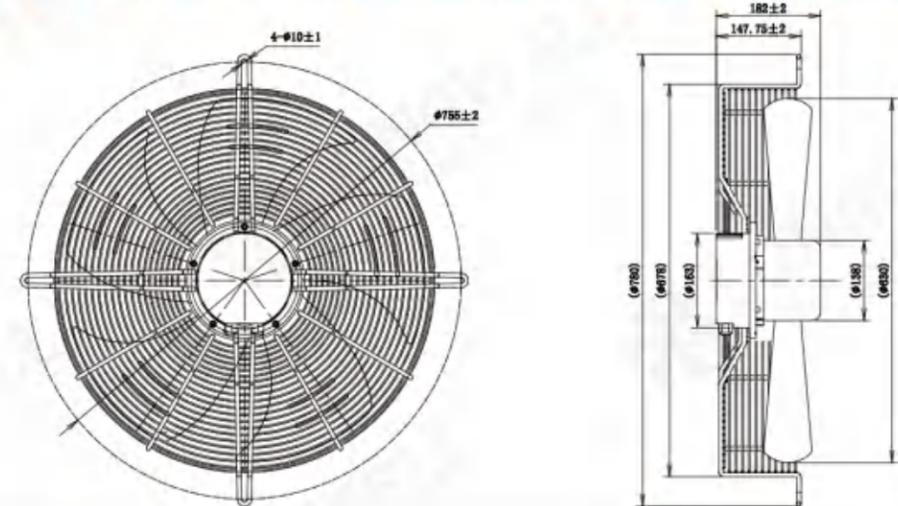
LWAE3G630TS-5MNW-01(Suction)

LWAE3G630TT-5MNW-02(Blowing)



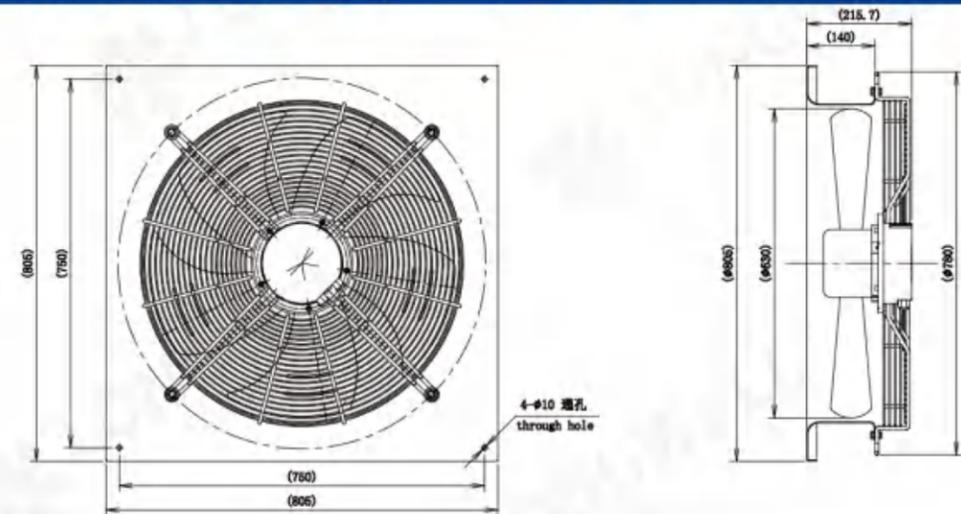
LWAE3G630TS-5MEW-03(Suction)

LWAE3G630TT-5MEW-04(Blowing)

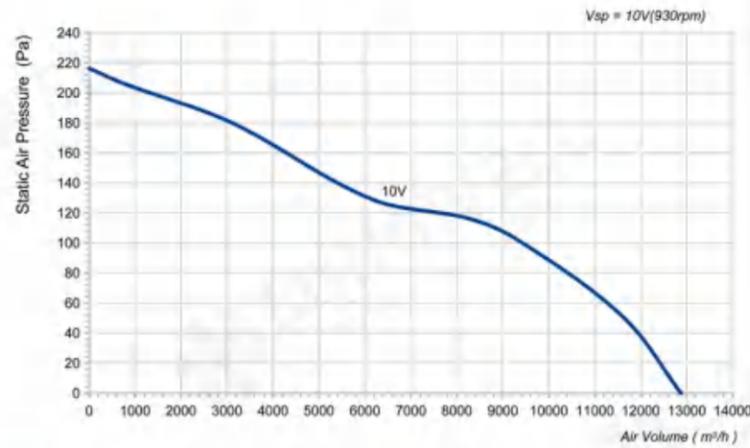


LWAE3G630TS-5MKW-05(Suction)

LWAE3G630TT-5MKW-06(Blowing)



# LWAE-630 Serise



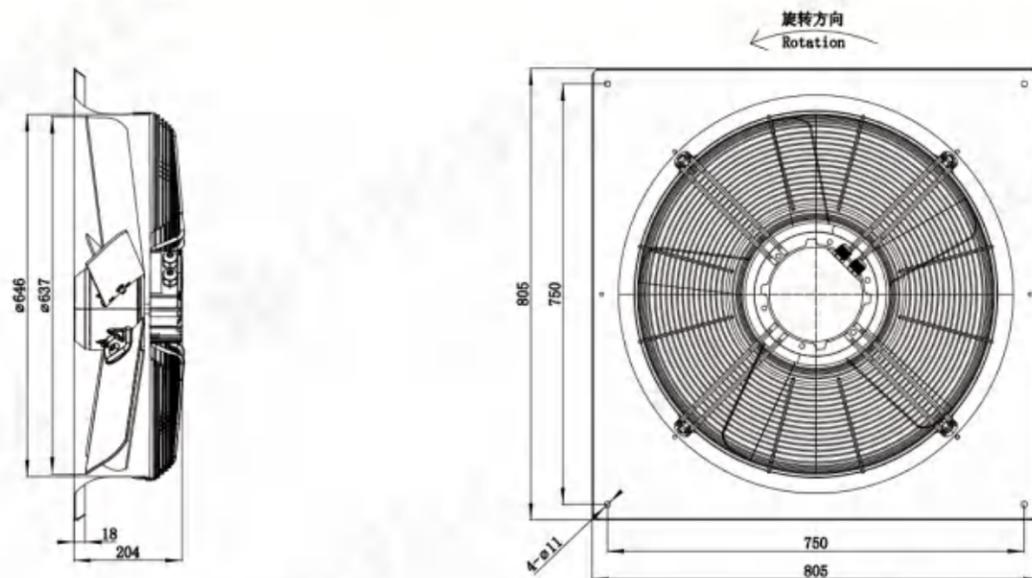
## Product Characteristic

- Material : Aluminium alloy
- Insulation Class: F
- Operation Temperature: -25 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM

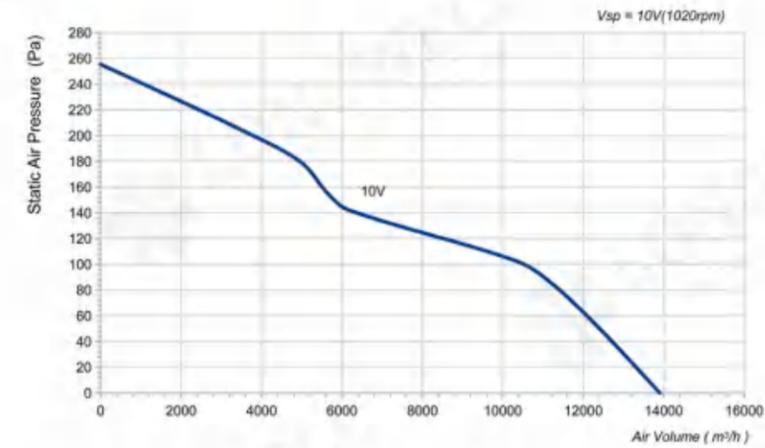


## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G630SS-5MKW-07	230	50/60	3.64	588	930	12875	72



# LWAE-630 Serise



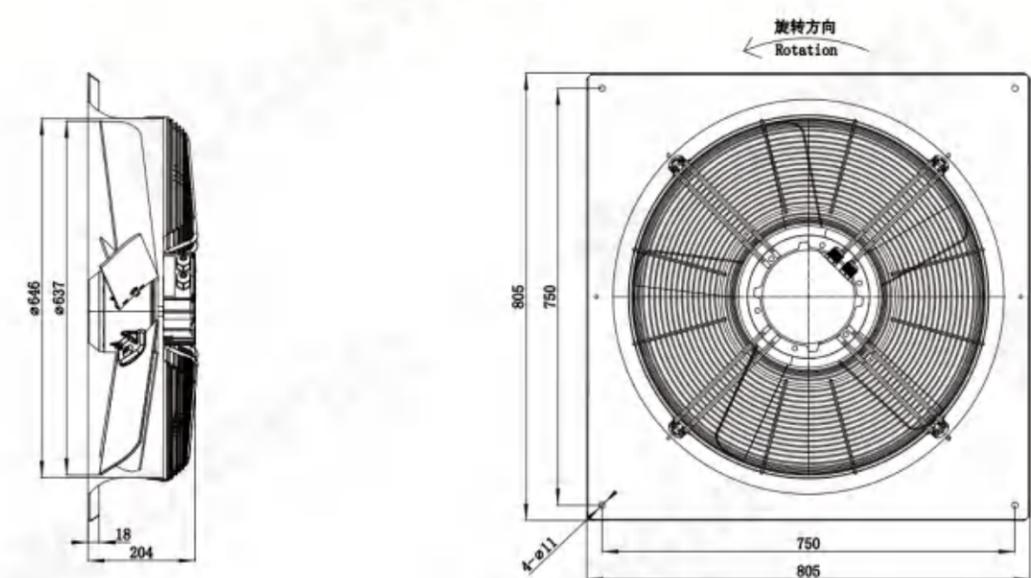
## Product Characteristic

- Material : Aluminium alloy
- Insulation Class: F
- Operation Temperature: -25 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM

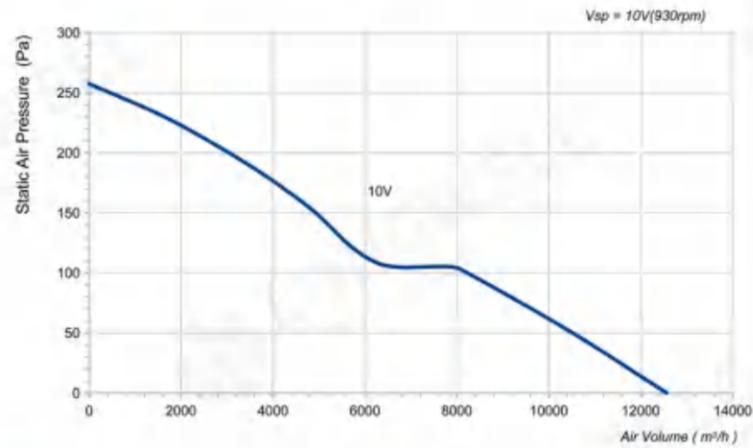


## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G630TS-5MKW-08	3-208	50/60	2.45	780	1020	13905	74



# LWAE-630 Serise



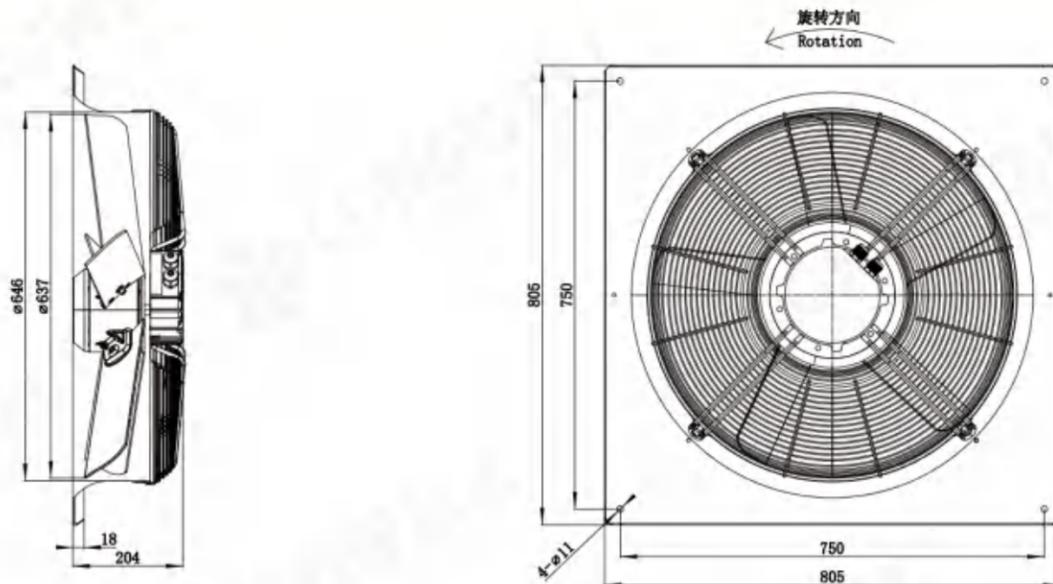
## Product Characteristic

- Material : Aluminium alloy
- Insulation Class: F
- Operation Temperature: -25 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM

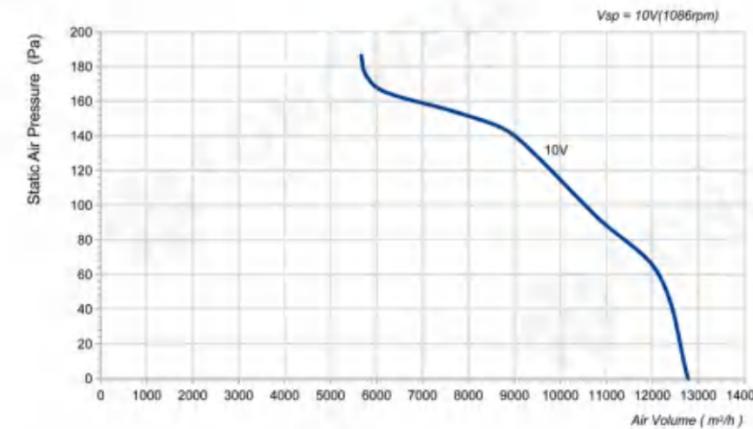


## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G630TS-5MKW-09	3-380	50/60	1.15	580	930	12566	75



# LWAE-630 Serise



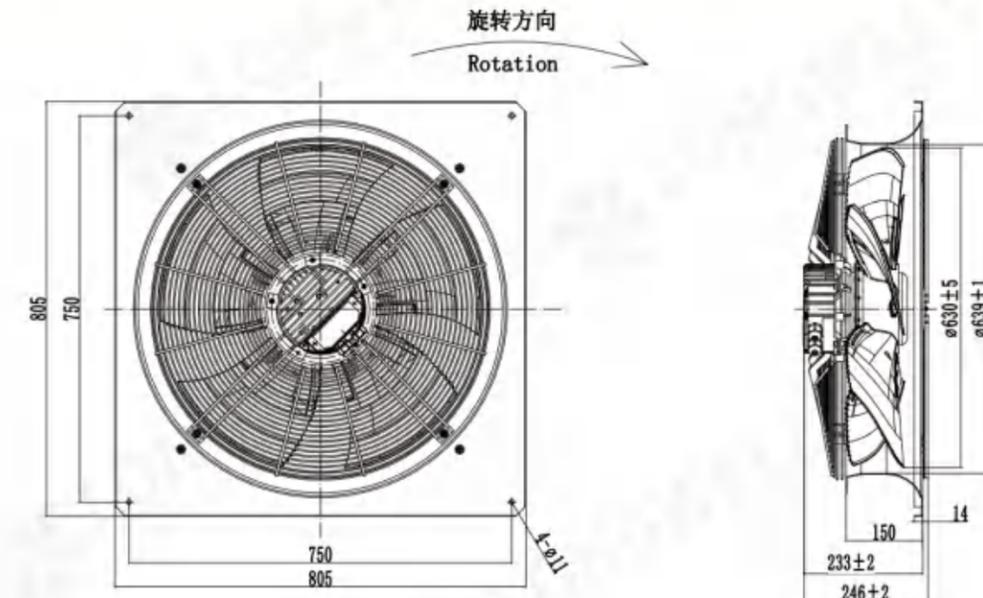
## Product Characteristic

- Material : PA66
- Insulation Class: F
- Operation Temperature: -25 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM/RS485

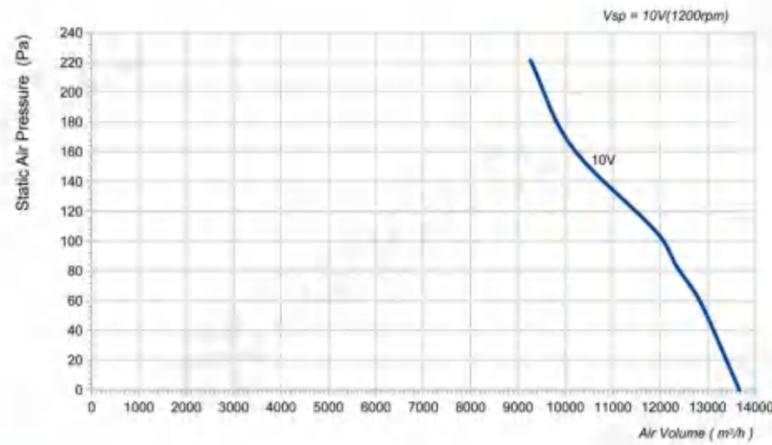


## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G630SS-5PKW-10	230	50/60	2.96	679	1086	12777	70



# LWAE-630 Serise



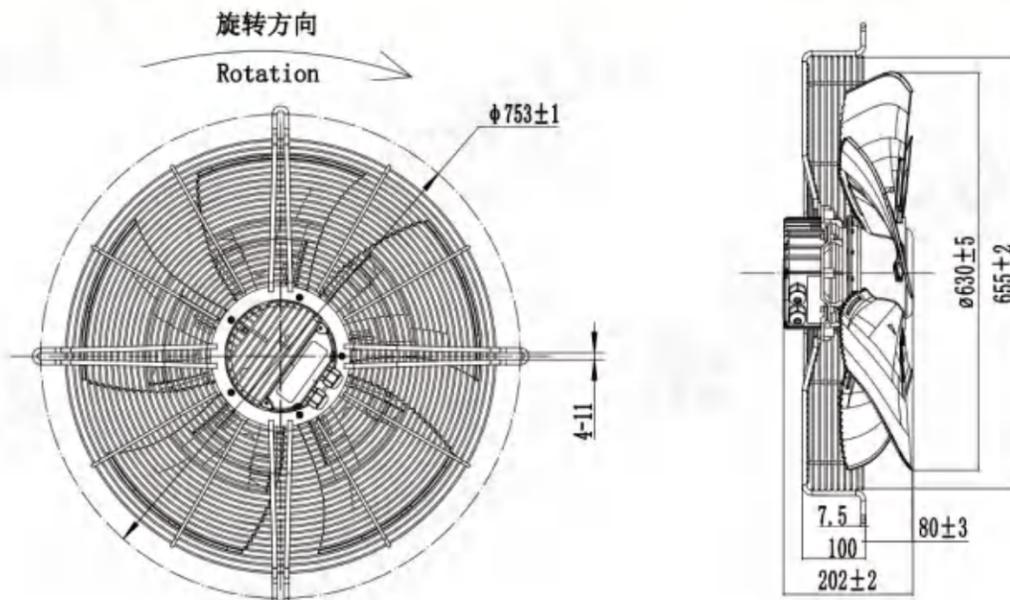
## Product Characteristic

- Material : PA66
- Insulation Class: F
- Operation Temperature: -25 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM/RS485

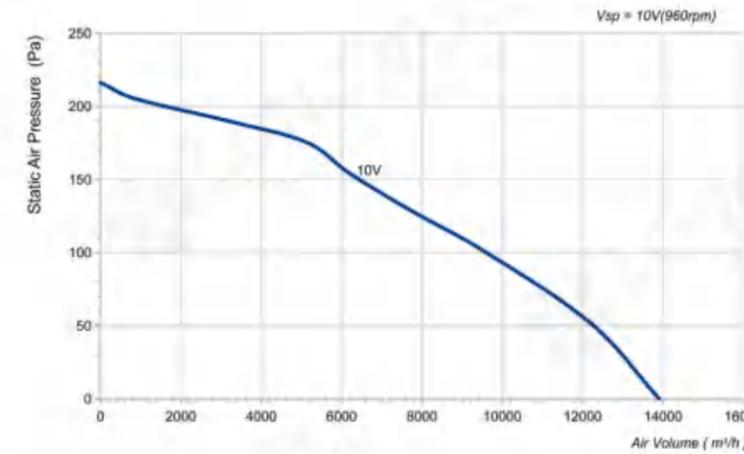


## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G630TS-5PEW-11	400	50/60	1.57	887	1200	13670	74



# LWAE-710 Serise



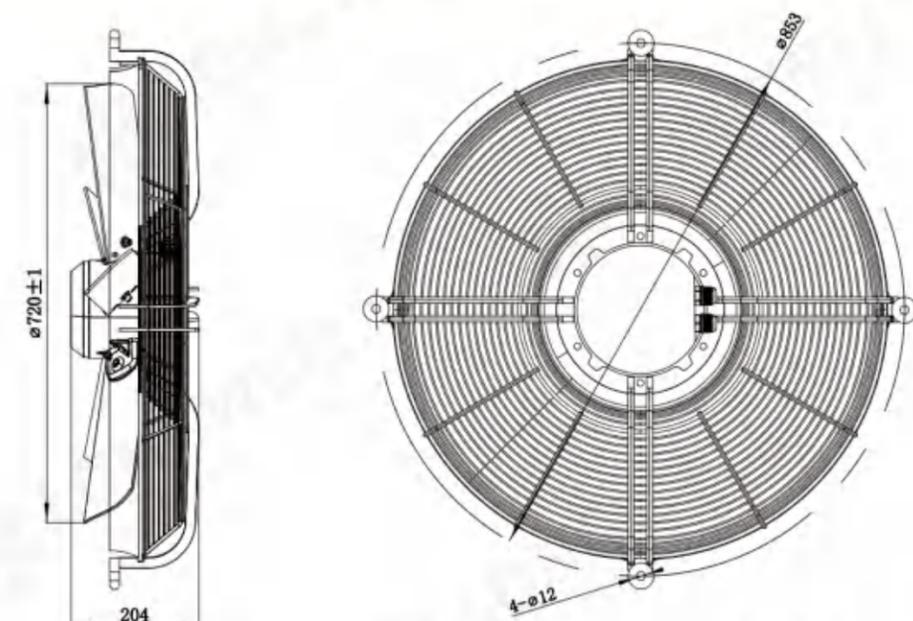
## Product Characteristic

- Material : Aluminium alloy
- Insulation Class: F
- Operation Temperature: -25 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM

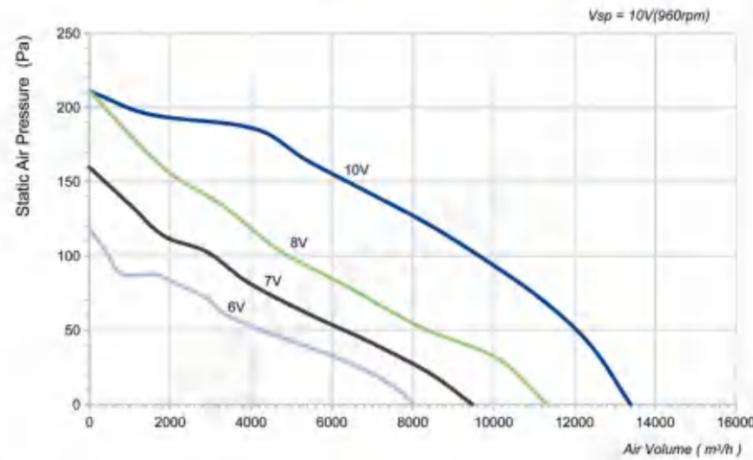


## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G710TS-5MKW-01	230	50/60	3.5	520	960	13905	75



# LWAE-710 Serise



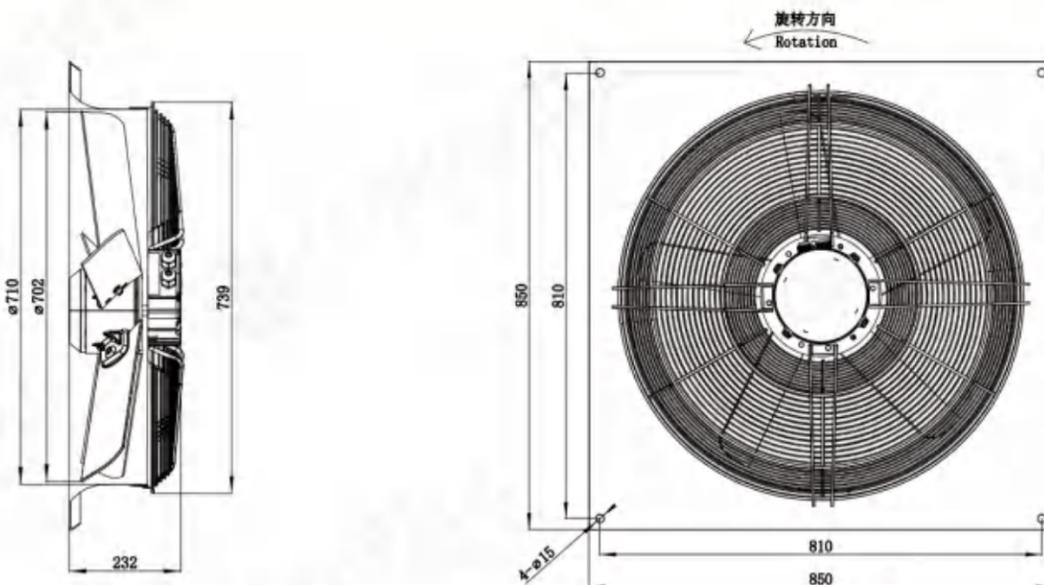
## Product Characteristic

- Material : Aluminium alloy
- Insulation Class: F
- Operation Temperature: -25 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM

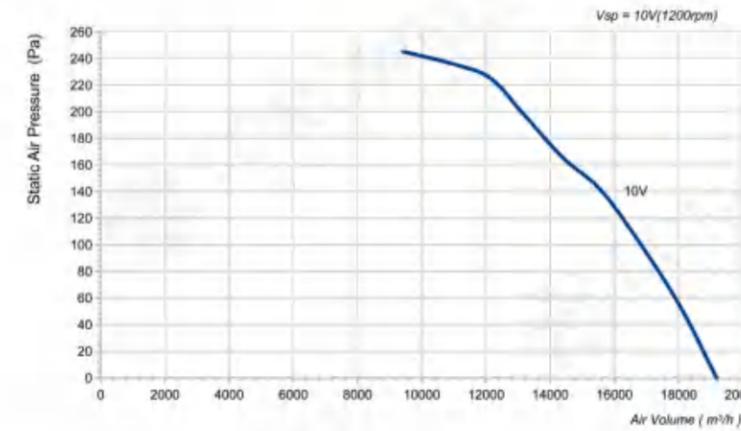


## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G710TS-5MKW-02	3-380	50/60	1.3	650	960	13390	75



# LWAE-710 Serise



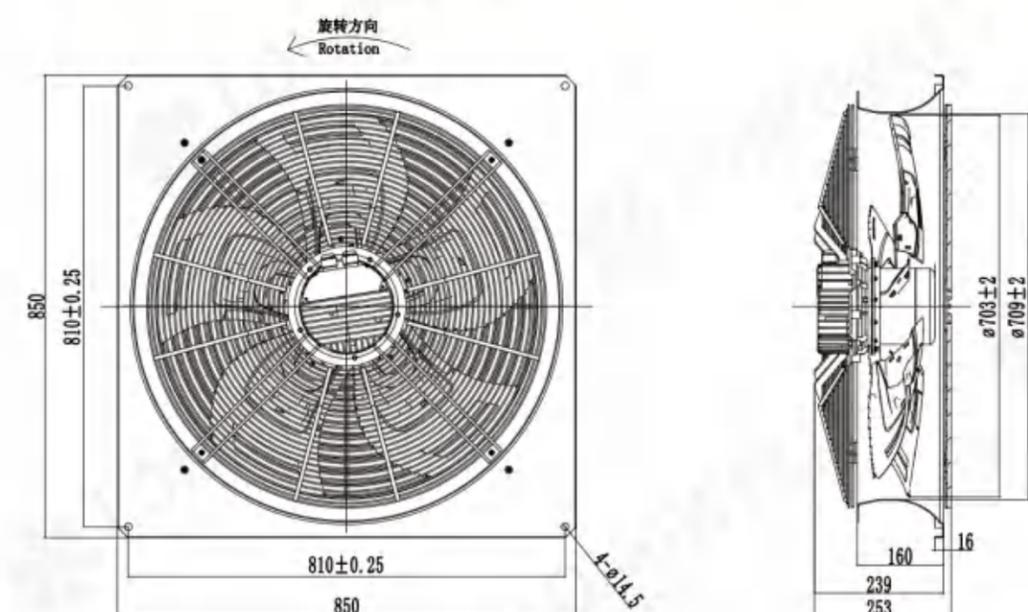
## Product Characteristic

- Material : PA66
- Insulation Class: F
- Operation Temperature: -25 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM/RS485

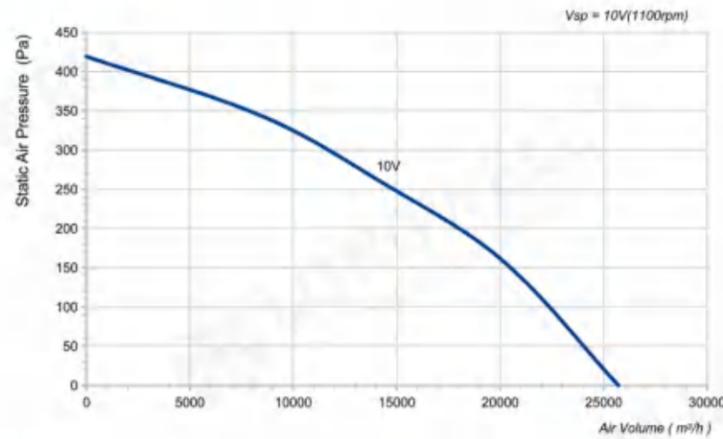


## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G710TS-5PKW-03	400	50/60	1.97	1146	1200	19177	81



# LWAE-800 Serise



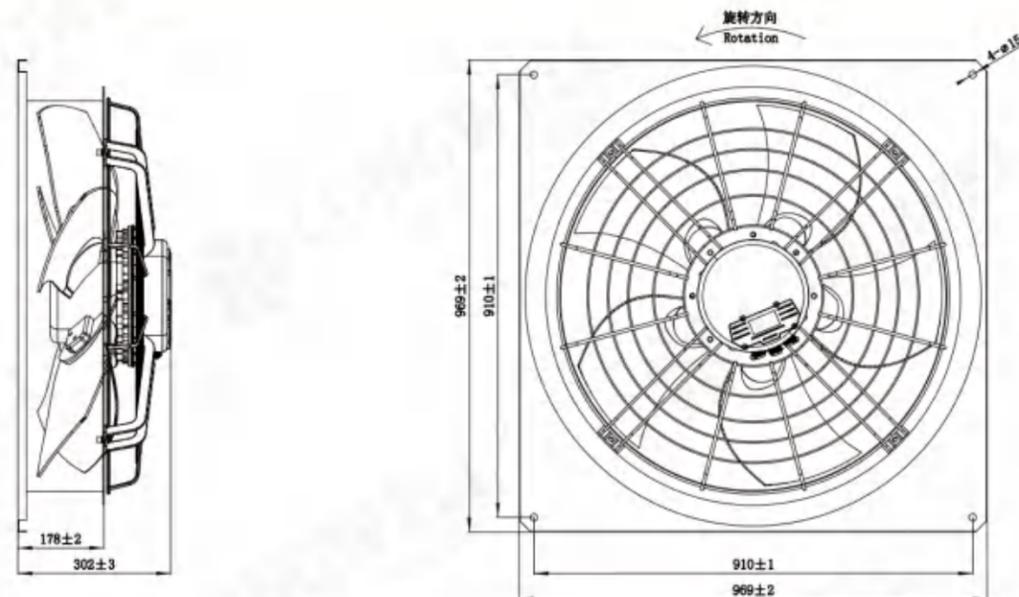
## Product Characteristic

- Material : Aluminium alloy
- Type of Protection: IP54
- Insulation Class: F
- Motor Type: BLEC Motor
- Operation Temperature: -25 C ~ +60 C
- Technical Features: Control input 0-10VDC/PWM/RS485
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection

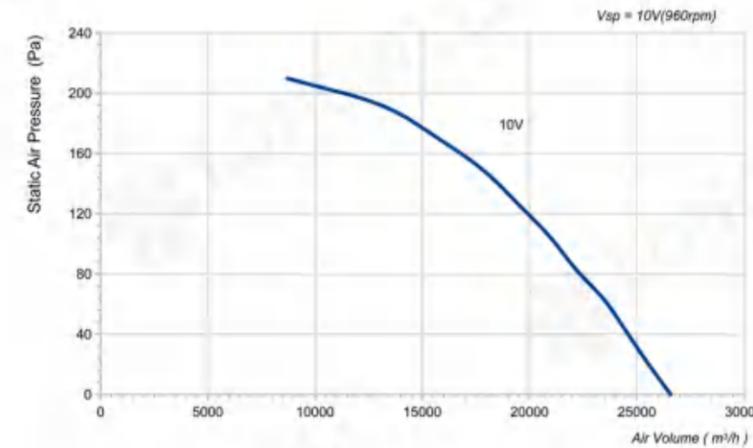


## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G800TS-5MKW-01	3-380	50/60	3.1	1850	1100	25711	82



# LWAE-800 Serise



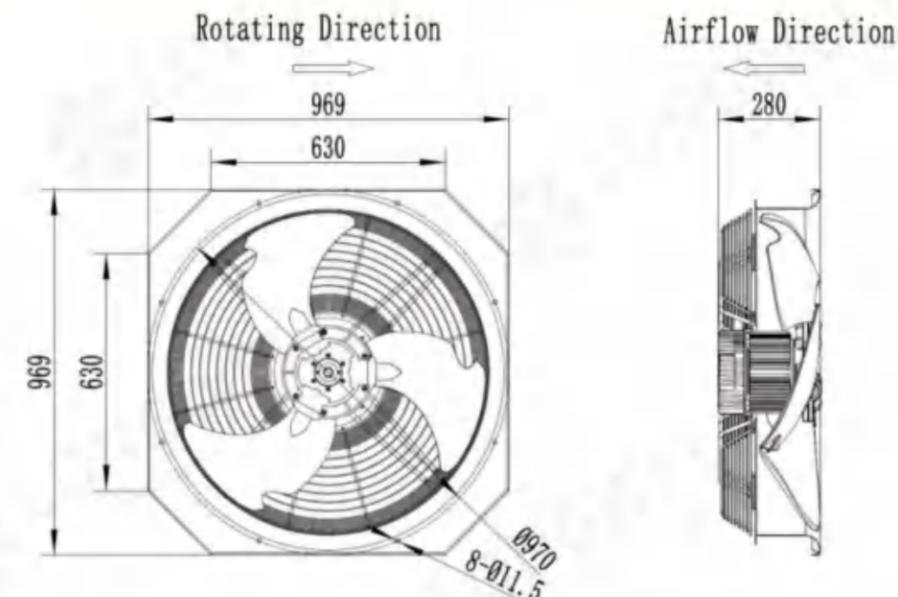
## Product Characteristic

- Material : Plastic
- Type of Protection: IP55
- Insulation Class: F
- Motor Type: BLEC Motor
- Operation Temperature: -25 C ~ +60 C
- Technical Features: Control input 0-10VDC/PWM
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection

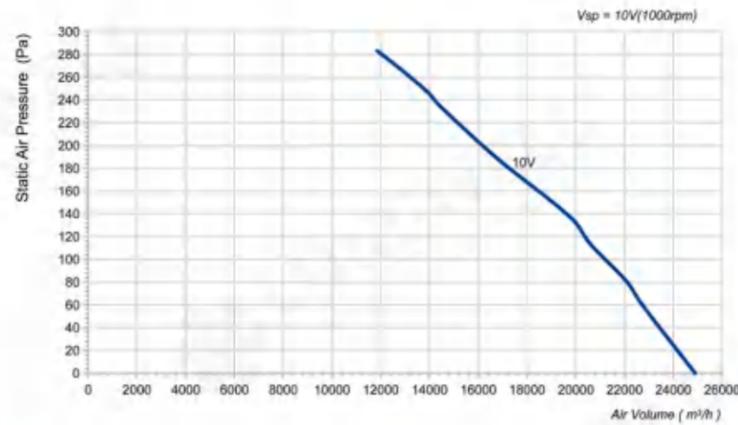


## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G800TS-3PKW-02	3-380	50/60	1.87	1803	960	26587	/



# LWAE-800 Serise



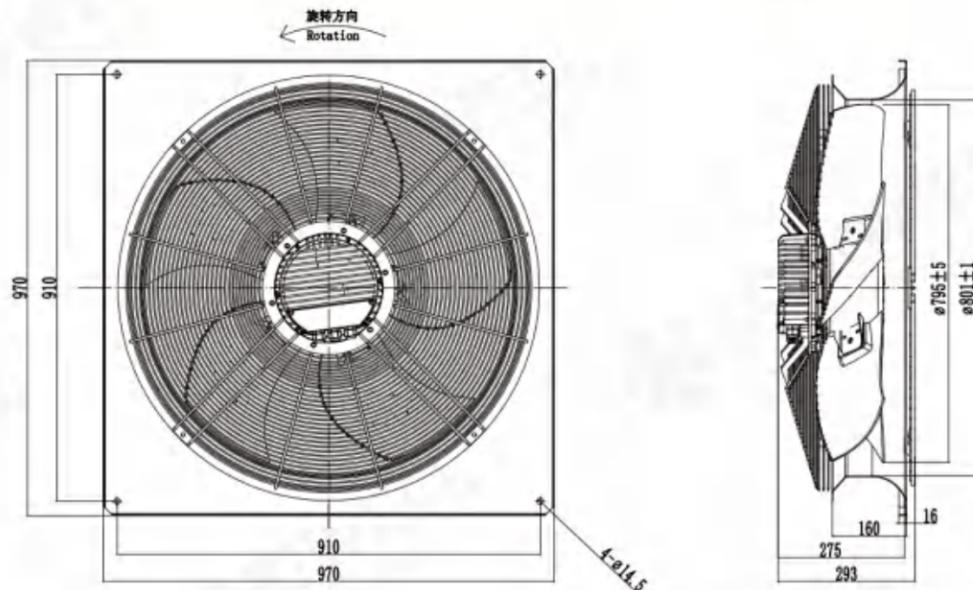
## Product Characteristic

- Material : PA66
- Insulation Class: F
- Operation Temperature: -25 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP54
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM/RS485

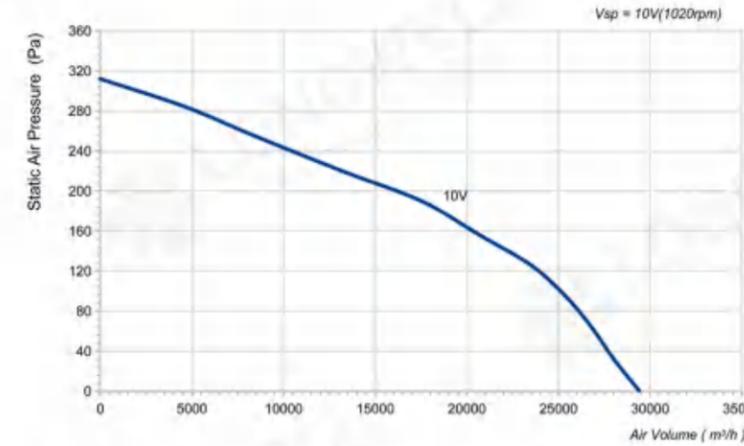


## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G800TS-5PKW-03	400	50/60	2.67	1589	1000	24892	78



# LWAE-800 Serise



## Product Characteristic

- Material : PA66
- Insulation Class: F
- Operation Temperature: -25 C ~ +60 C
- Protection: Tach output, Locked-Rotor protection, Reverse Polarity, Over-voltage Protection, Soft Start Protection
- Type of Protection: IP55
- Motor Type: BLEC Motor
- Technical Features: Control input 0-10VDC/PWM/RS485



## Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Current (A)	Power [W(@0Pa)]	Speed (RPM)	Air Volume (m³/h)	Noise [dB(A)]
LWAE3G800TS-4PKW-04	380	50/60	3.8	1799	1020	29400	/

