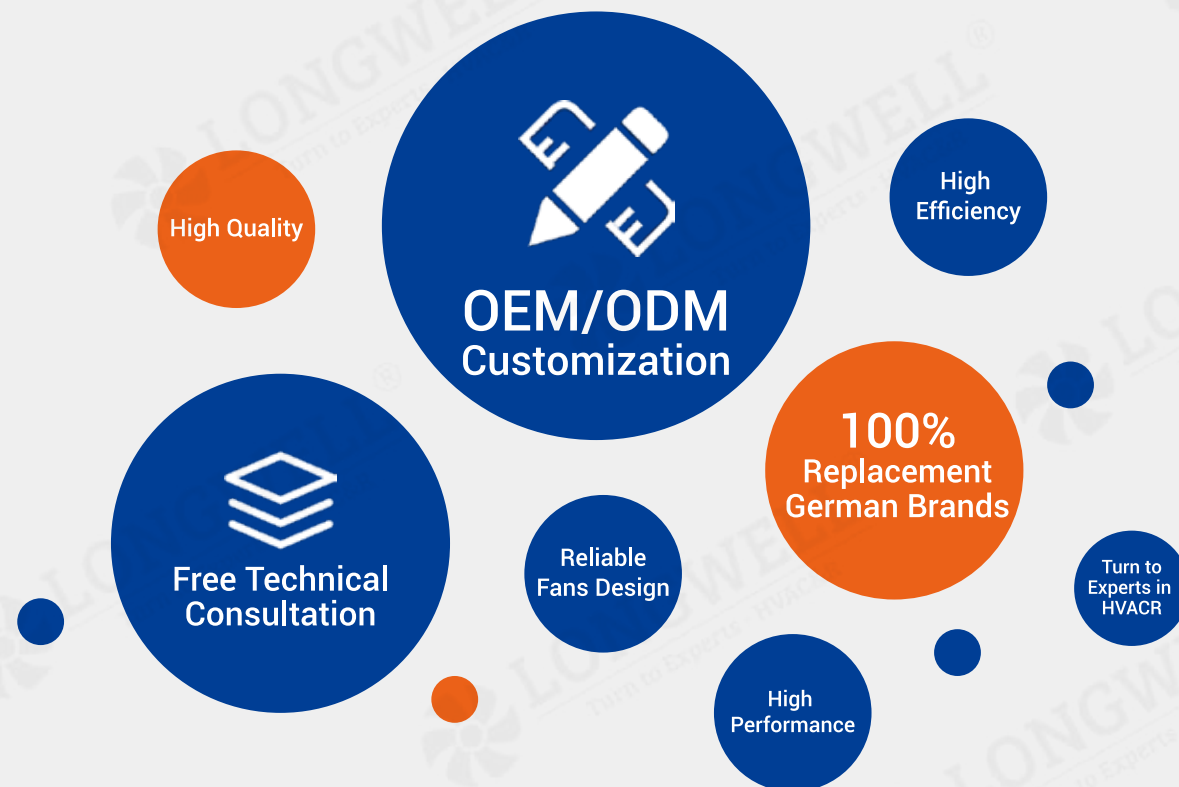


Delivery Premium Quality Fans Globally for Healthier Breathing

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



**Ningbo Longwell Electric Technology Co., Ltd**

Headquarter: NO.100, South of Xuxiang River, Yuyao, Zhejiang Province, China 315400

Tell: +86 574 6218 9863

Fax: +86 574 6218 9863

Phone: +86 180 5854 5395

Web: [www.longwellfans.com](http://www.longwellfans.com) | [www.longwell-group.com](http://www.longwell-group.com) | [www.longwell-media.com](http://www.longwell-media.com)

Email: [sales@longwellfans.com](mailto:sales@longwellfans.com)



**LONGWELL TECHNOLOGY**

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



**Professional Manufacturer  
of HVACR Fan & Motors**

—— AC Backward curved Centrifugal Fan

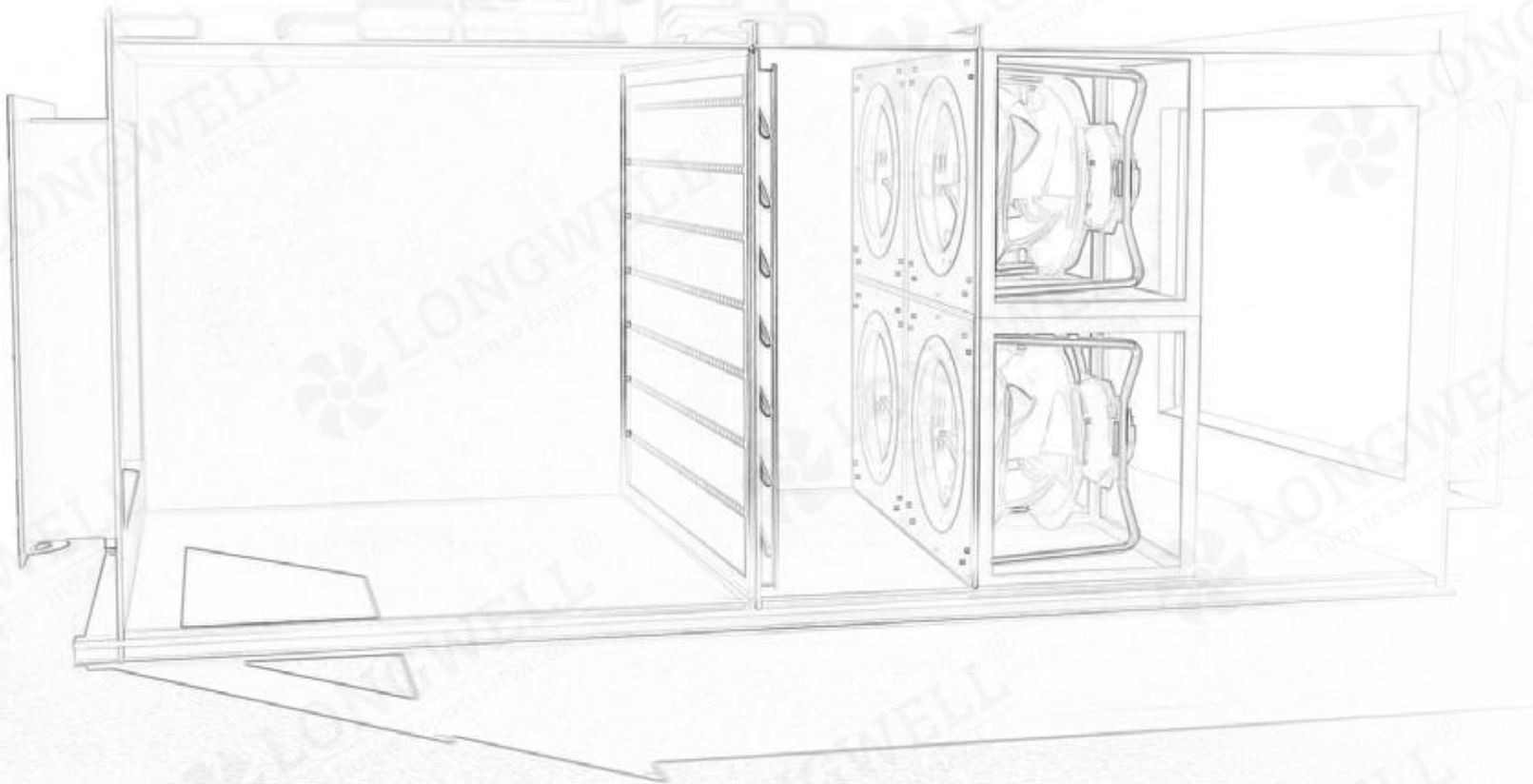
**Longwell Group**

Longwell-China

Longwell-USA

Longwell-Russia

Longwell-Europe



# CATALOGUE

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|-------|-----------------------------------------------|
| 01-02 | About Longwell                                |
| 03-04 | Testing and Standards                         |
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| 07    | Type Code                                     |
| 08-40 | AC Backward curved Centrifugal Fan(Φ133-Φ280) |
| 41-75 | AC Backward curved Centrifugal Fan(Φ315-Φ630) |



# 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.

193

Staff

40000m<sup>2</sup>

Floor Space

500<sup>+</sup>

Branding Clients

1Million<sup>+</sup> PCS

Annual Outputs

6

Overseas offices  
on spot support

50<sup>+</sup>

Members  
R&D Team



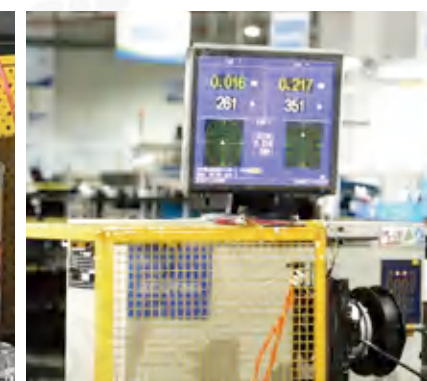
B&K Noise Testing Lab



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



# 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 +A1:2014 +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



Own-Brand



Own-Brand



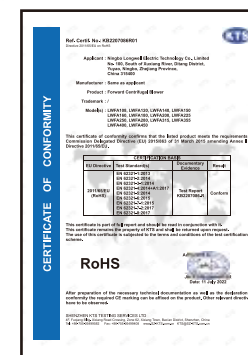
ETL



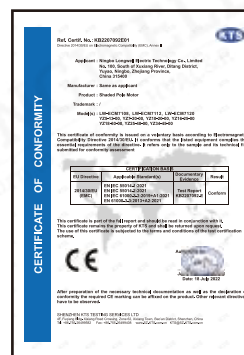
ETL



CE



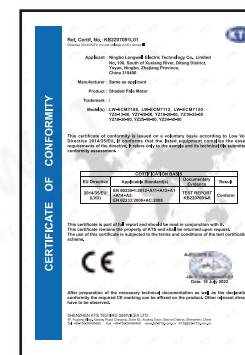
RoHS



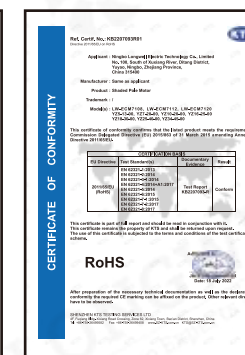
CE



CE



CE



RoHS



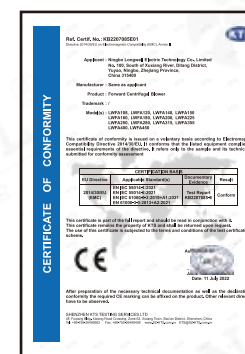
ETL



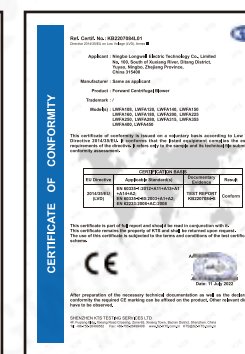
ETL



ETL



CE



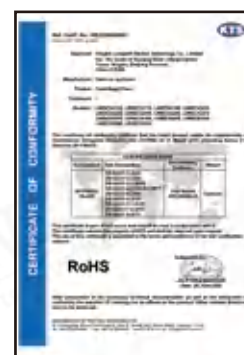
CE



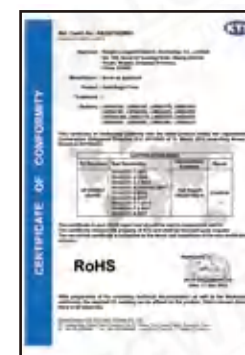
ISO 9001



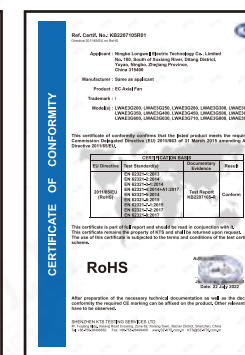
ISO 9001



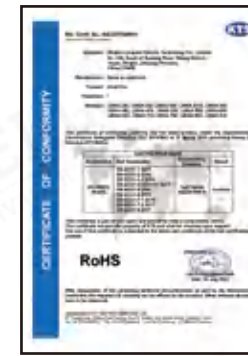
RoHS



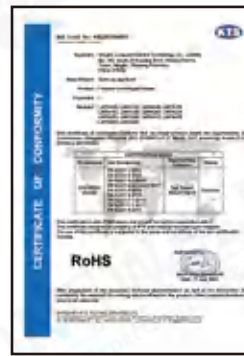
RoHS



RoHS



RoHS



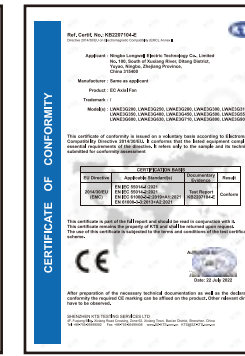
RoHS



CE



CE



CE

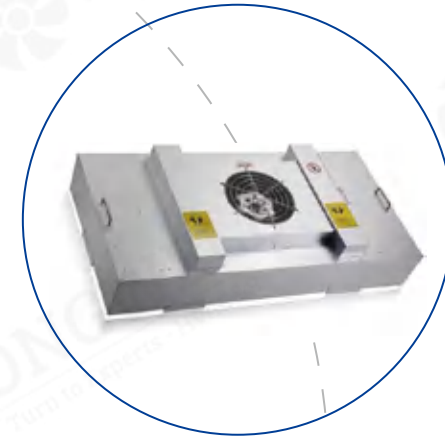


# Mainly Application

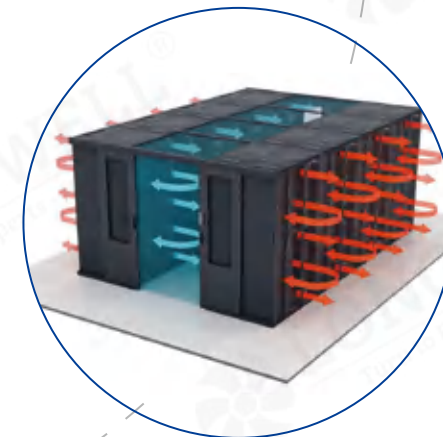
AHU/FCU/FFU/Air Purifier/ Sterilization Equipments/  
Humidiifier equipments/EC Fan Grid ( Wall )



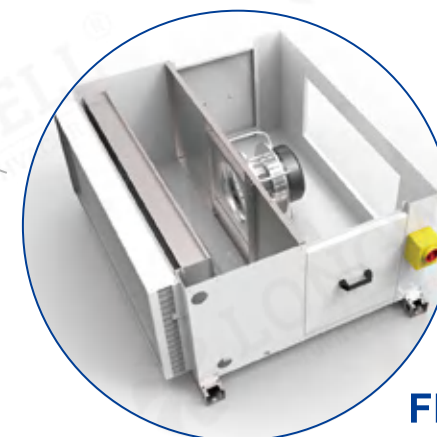
**Ventilation Unit Project**



**FFU(Fan Filter Unit) Project**



**Data Center Cooling Project**



**FFU(Fan Filter Unit) Project**



**Ventilation Equipments Project**



# Type Code

LW B A 2E 133 - 072 N S - 01

Series number

T-400V S-230V U-115V

P-with bracket N-without bracket

Motor size:072/092/102/138/188/218

Diameter of rotor

2 phase

A-AC D-DC E-EC

B-Backward F-Forward

Longwell

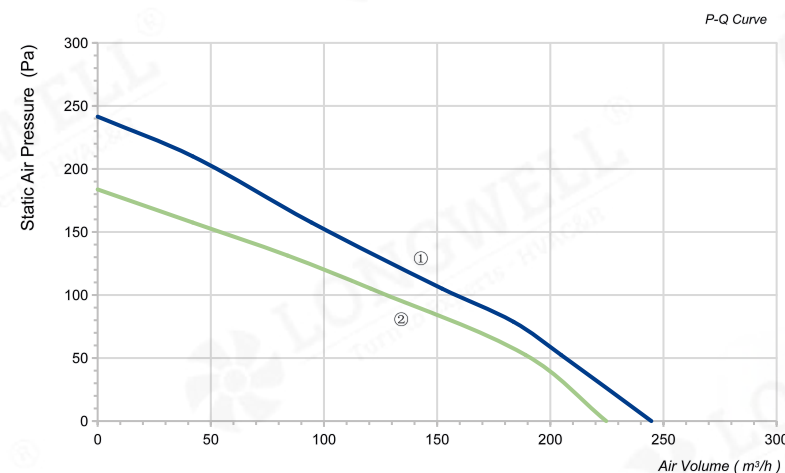
## AC Backward curved Centrifugal Fan

Professional HVAC Fan &Motors Manufacturer





## LWBA-133 Series



**RECOMMEND**

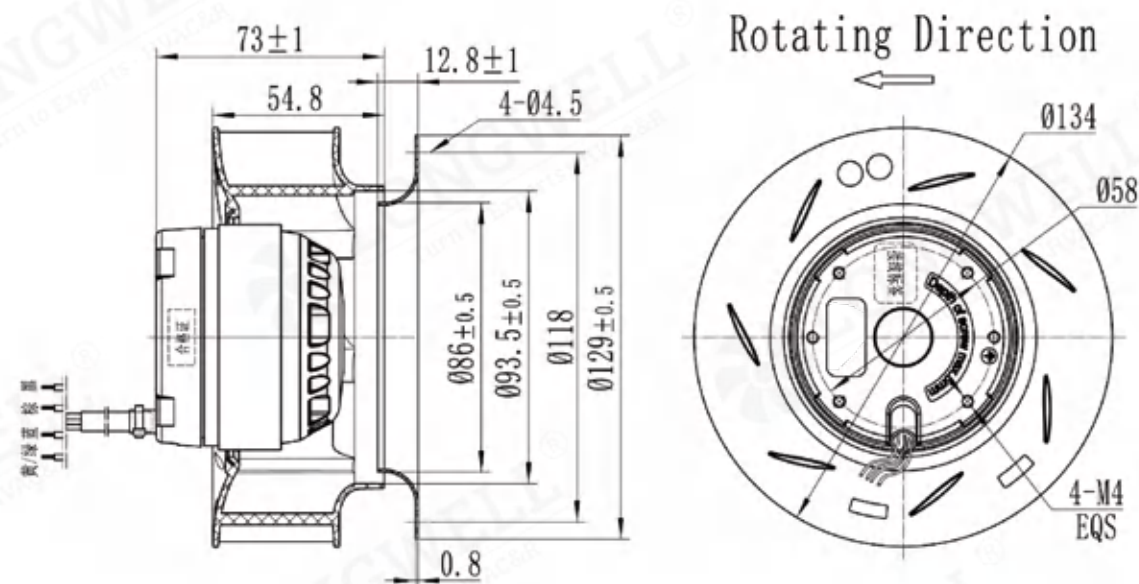
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

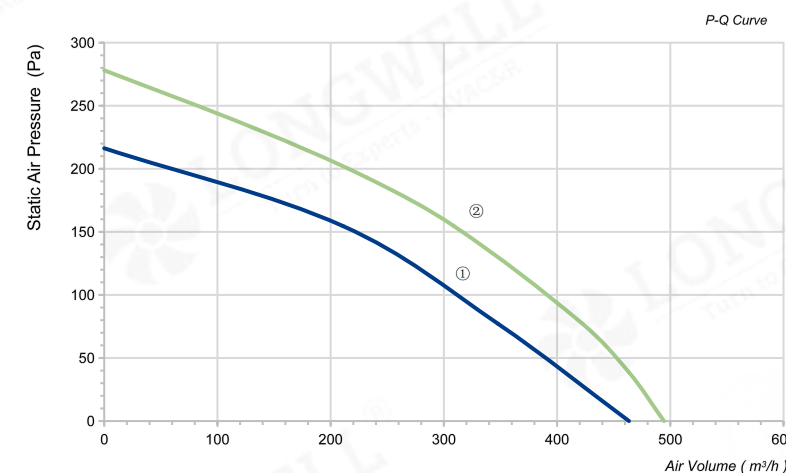


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E133-072NS-01 | 230         | 60             | 33.2      | 0.14        | 3070        | 245             | 242               | 58.7          | 1uF       | ①     |
| LWBA2E133-072NS-02 | 230         | 50             | 27.8      | 0.12        | 2720        | 225             | 184               | 57.9          | 1uF       | ②     |



## LWBA-155 Series



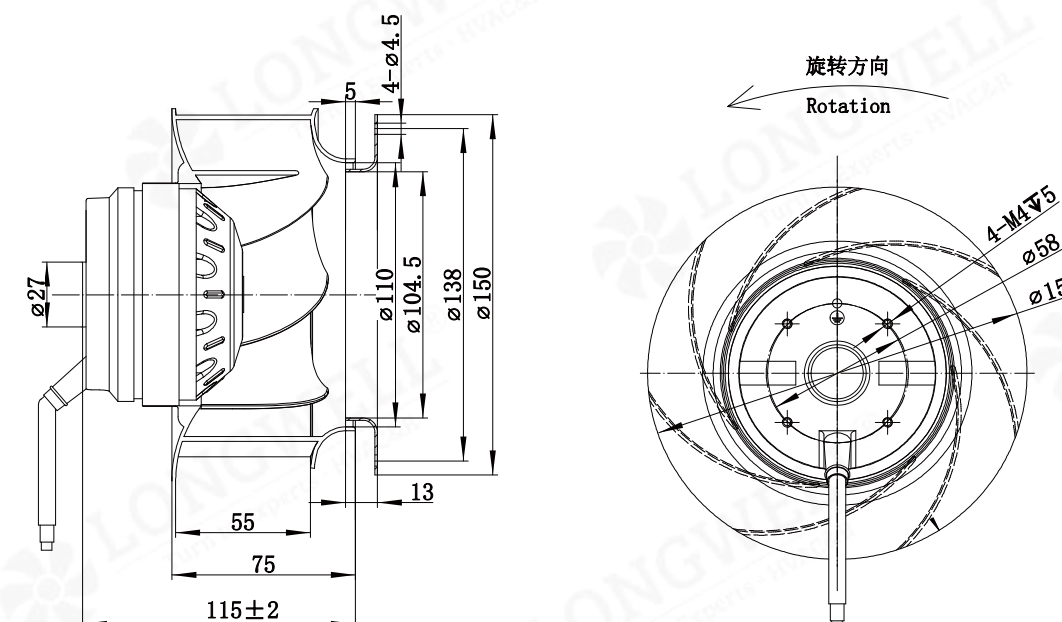
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

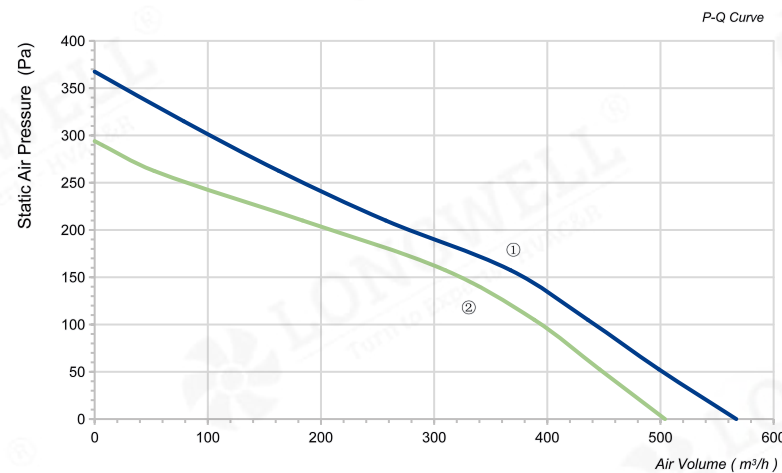


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E155-092NS-01 | 230         | 50             | 32        | 0.24        | 2650        | 464             | 216               | 61            | 1uF       | ①     |
| LWBA2E155-092NS-02 | 230         | 60             | 38        | 0.32        | 3000        | 494             | 278               | 64            | 1uF       | ②     |



## LWBA-175 Series



**RECOMMEND**

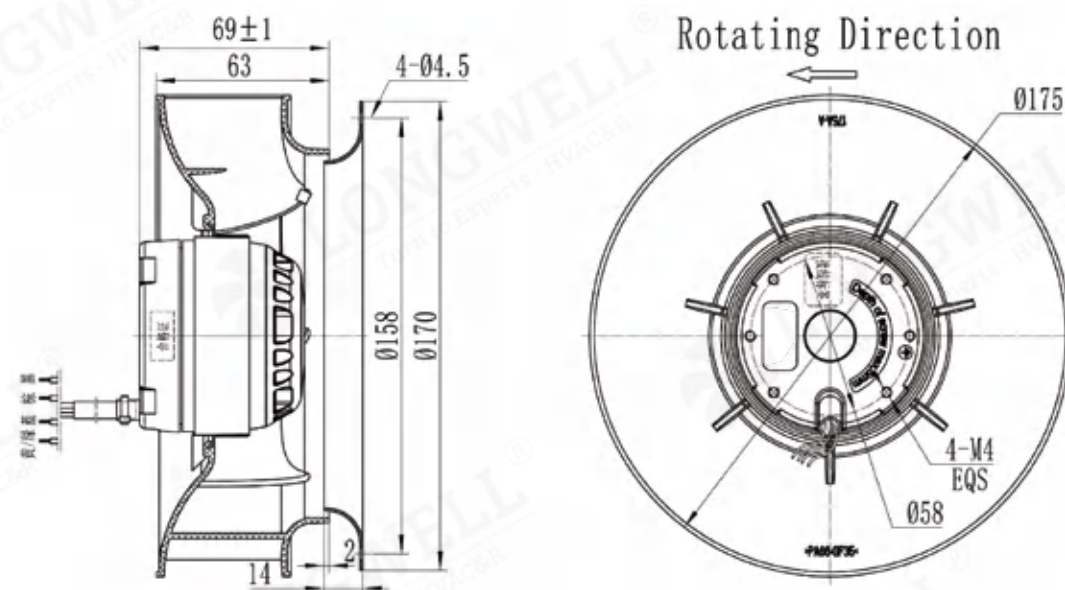
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

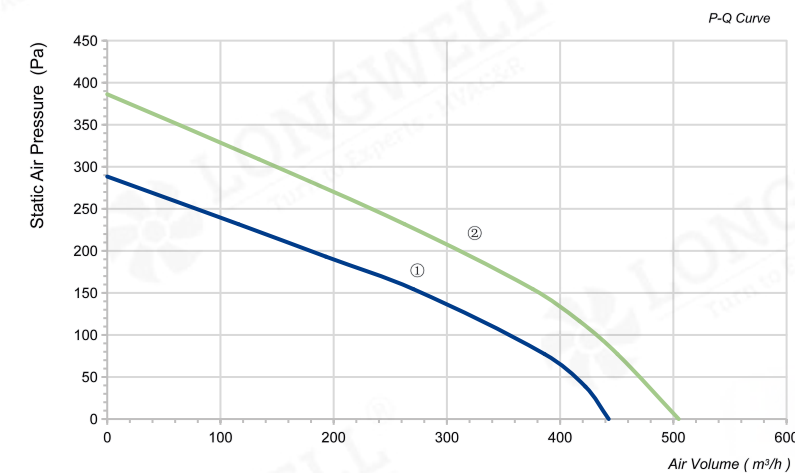


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E175-072NU-01 | 115         | 60             | 46.1      | 0.42        | 3060        | 567             | 368               | 61.1          | 6uF       | ①     |
| LWBA2E175-072NS-02 | 230         | 50             | 35.5      | 0.15        | 2770        | 504             | 294               | 60.8          | 5uF       | ②     |



## LWBA-175 Series



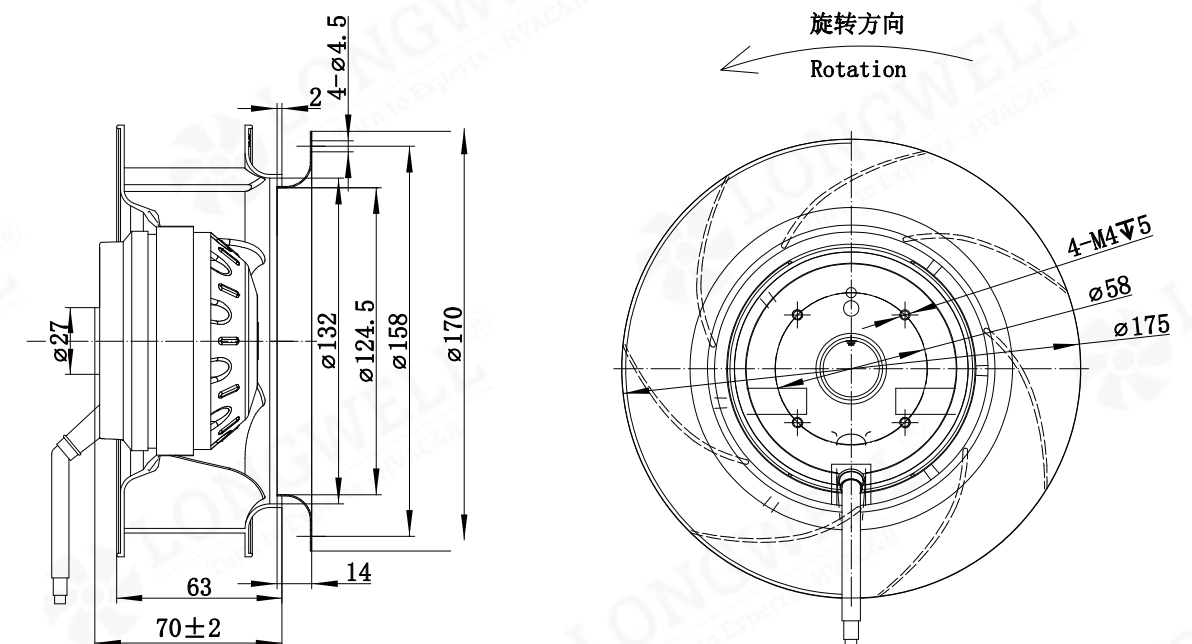
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings



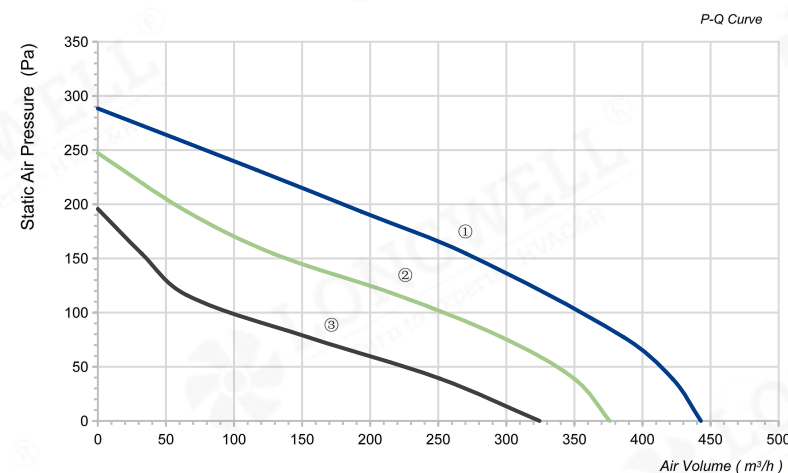
### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E175-092NS-03 | 230         | 50             | 52        | 0.24        | 2500        | 443             | 288               | 64            | 1.5uF     | ①     |
| LWBA2E175-092NS-04 | 230         | 60             | 66        | 0.32        | 2700        | 505             | 386               | 66            | 1.5uF     | ②     |





## LWBA-175 Series



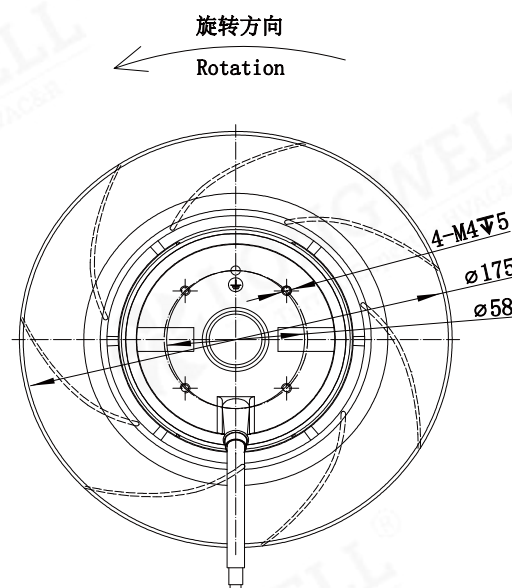
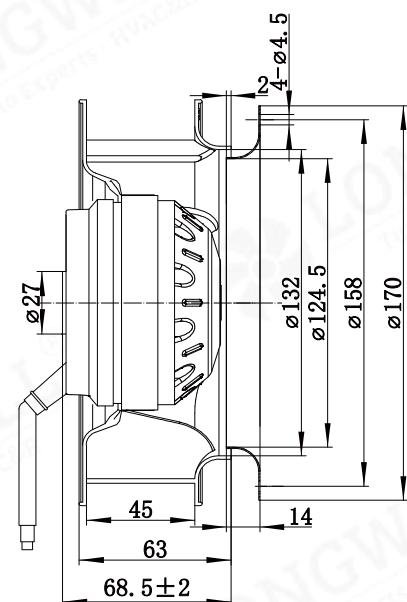
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

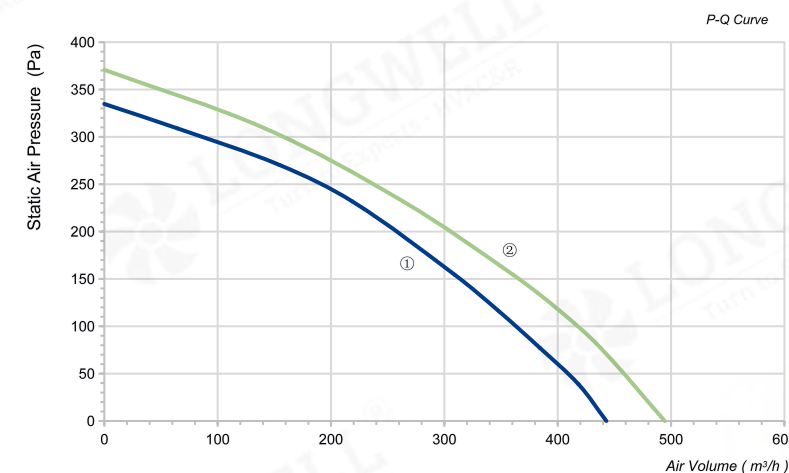


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E175-092NS-05 | 230         | 50             | 52        | 0.25        | 2530        | 443             | 288               | 64            | 1.5uF     | ①     |
|                    |             |                | 45        | 0.2         | 2150        | 376             | 247               | 60            | 1.5uF     | ②     |
|                    |             |                | 42        | 0.18        | 1850        | 324             | 196               | 55            | 1.5uF     | ③     |



## LWBA-180 Series



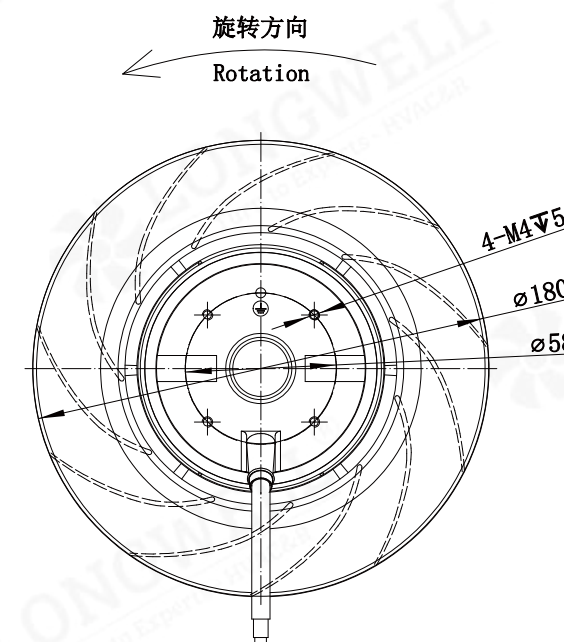
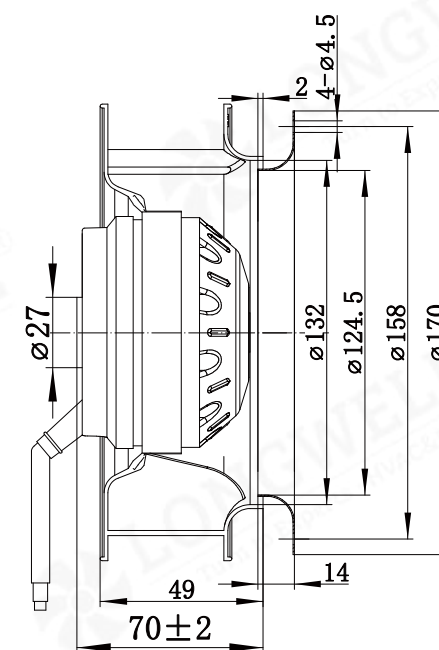
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

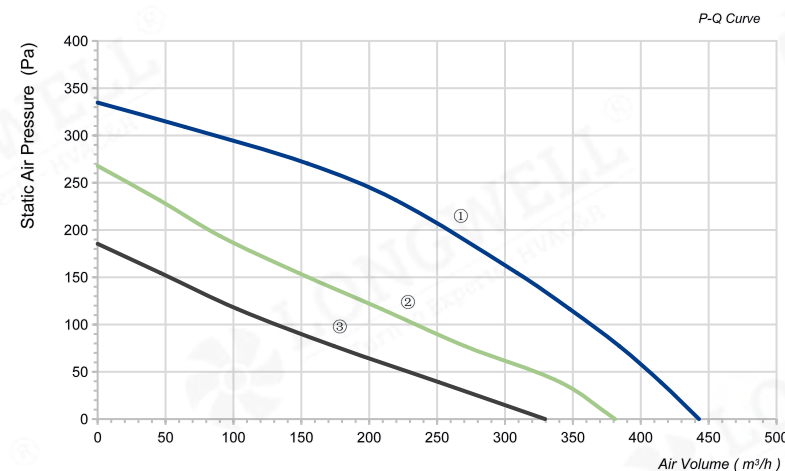


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E180-092NS-01 | 230         | 50             | 52        | 0.24        | 2550        | 443             | 335               | 63            | 1.5uF     | ①     |
| LWBA2E180-092NS-02 | 230         | 60             | 66        | 0.32        | 2850        | 494             | 371               | 66            | 1.5uF     | ②     |



## LWBA-180 Series



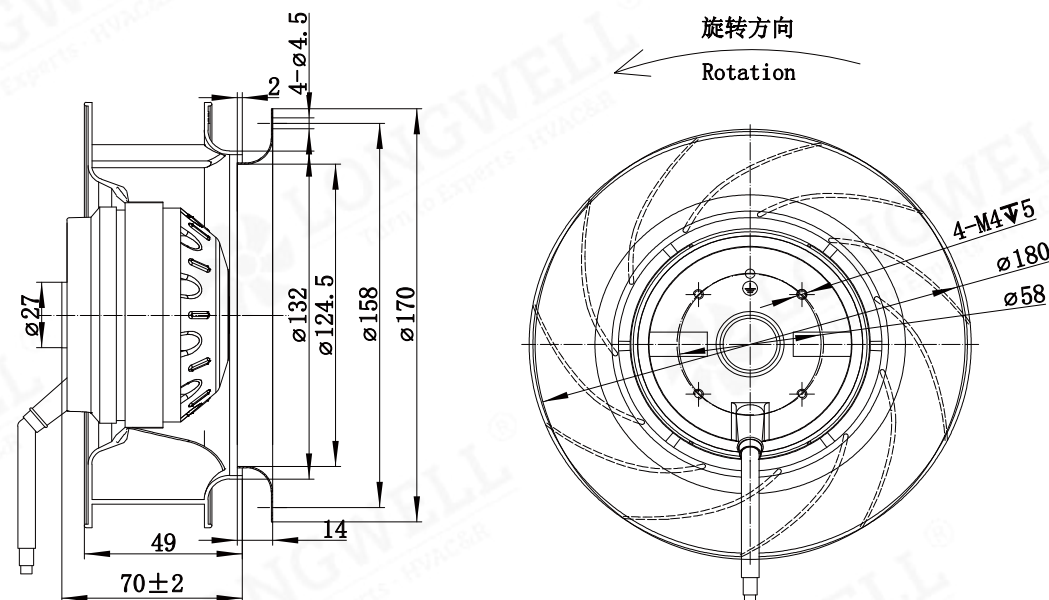
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

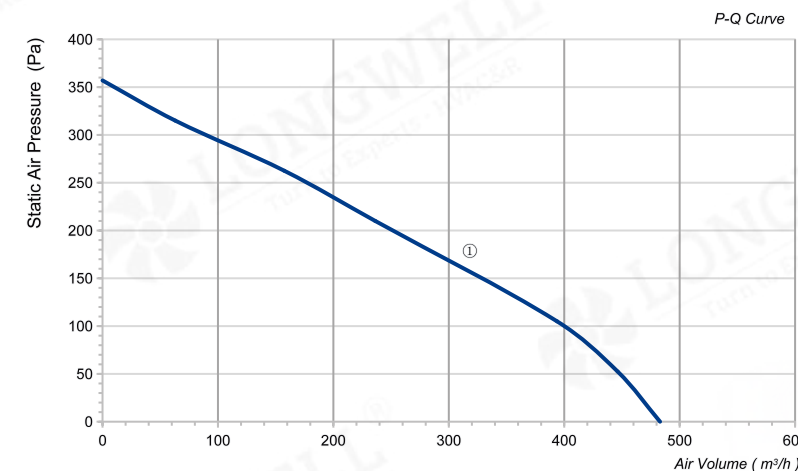


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E180-092NS-03 | 230         | 50             | 52        | 0.23        | 2560        | 443             | 335               | 63            | 1.5uF     | ①     |
|                    |             |                | 42        | 0.19        | 2200        | 381             | 268               | 59            | 1.5uF     | ②     |
|                    |             |                | 40        | 0.18        | 1900        | 330             | 185               | 55            | 1.5uF     | ③     |



## LWBA-190 Series



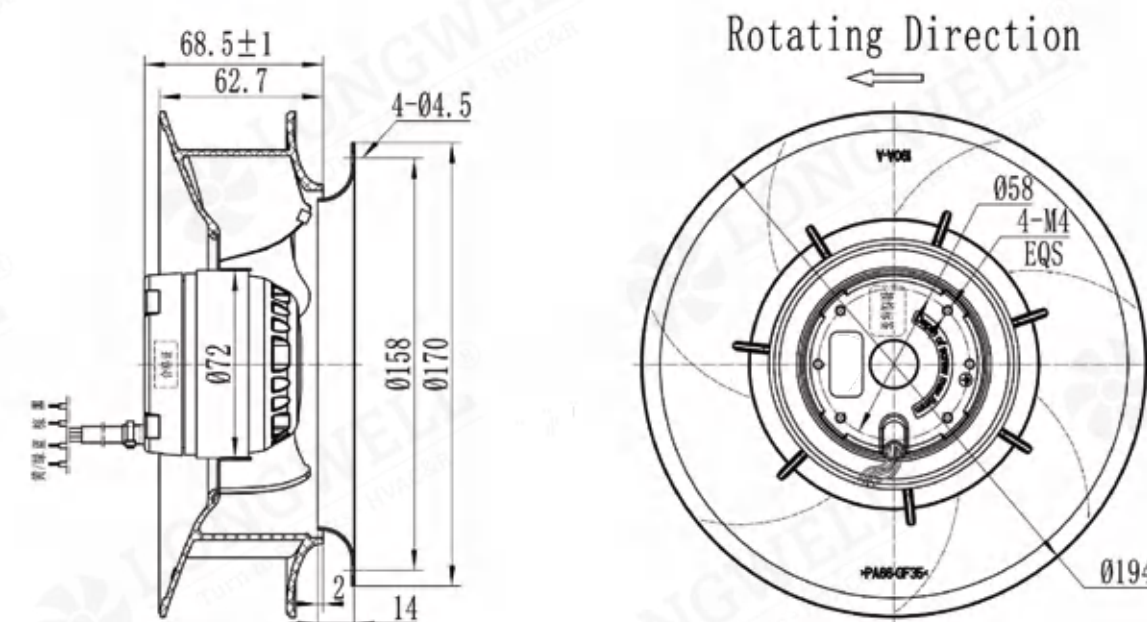
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings



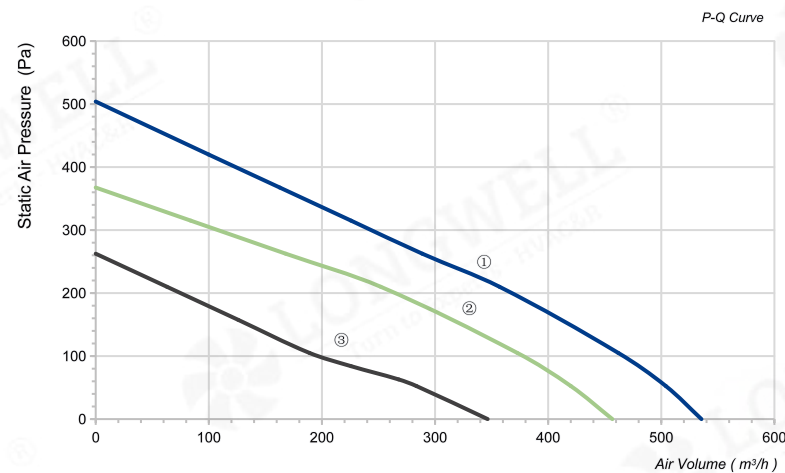
### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E190-072NS-01 | 230         | 50             | 56        | 0.25        | 2640        | 483             | 357               | 64.9          | 2uF       | ①     |





## LWBA-190 Series



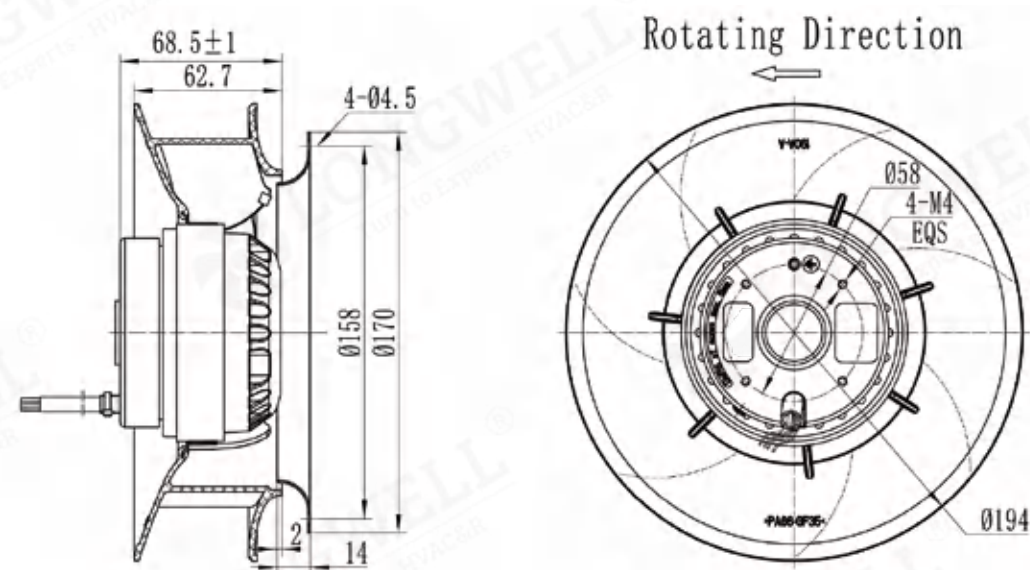
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~ +65 C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

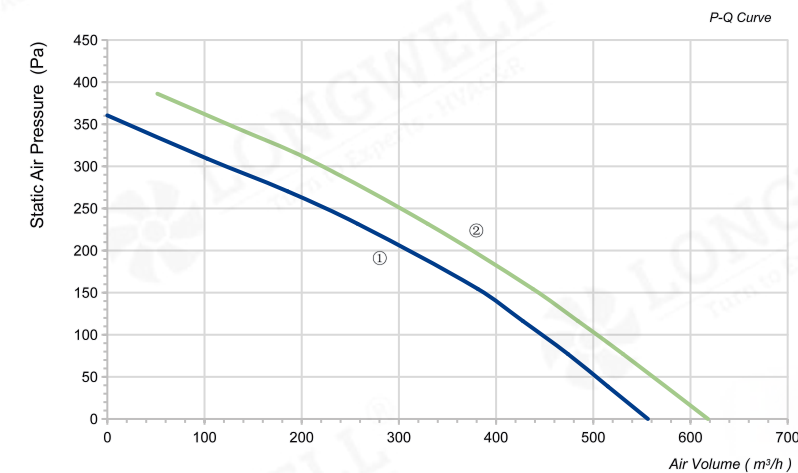


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E190-092NU-02 | 115         | 60             | 70        | 0.31        | 3080        | 536             | 504               | 68.5          | 8uF       | ①     |
| LWBA2E190-092NS-03 | 230         | 50             | 60        | 0.27        | 2700        | 457             | 368               | 65.2          | 2.5uF     | ②     |
| LWBA4E190-092NS-04 | 230         | 50             | 30        | 0.14        | 2100        | 347             | 263               | 58.2          | 1.5uF     | ③     |



## LWBA-190 Series



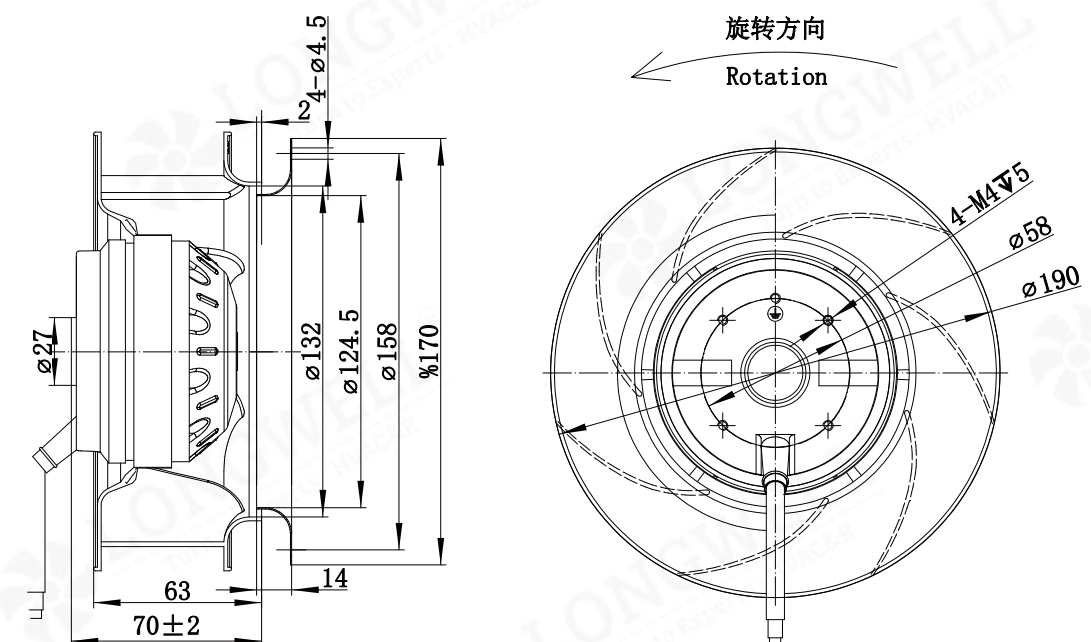
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~ +65 C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

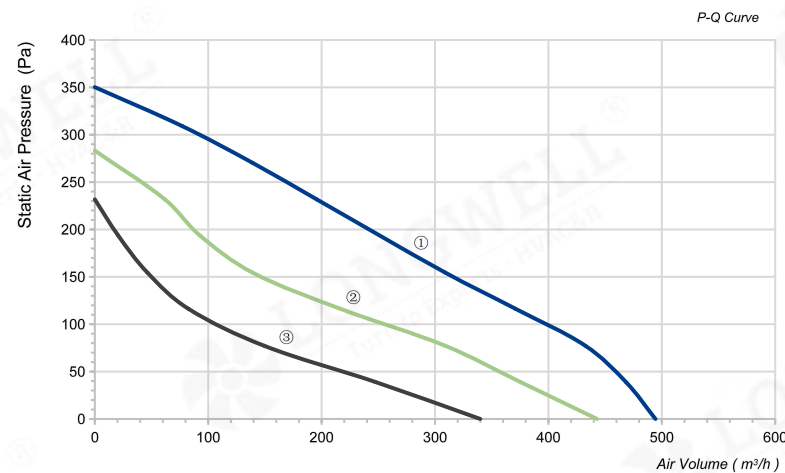


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4E190-092NS-05 | 230         | 50             | 60        | 0.27        | 2500        | 556             | 361               | 65            | 2uF       | ①     |
| LWBA4E190-092NS-06 | 230         | 60             | 76        | 0.35        | 2700        | 618             | 386               | 68            | 2uF       | ②     |



## LWBA-190 Series



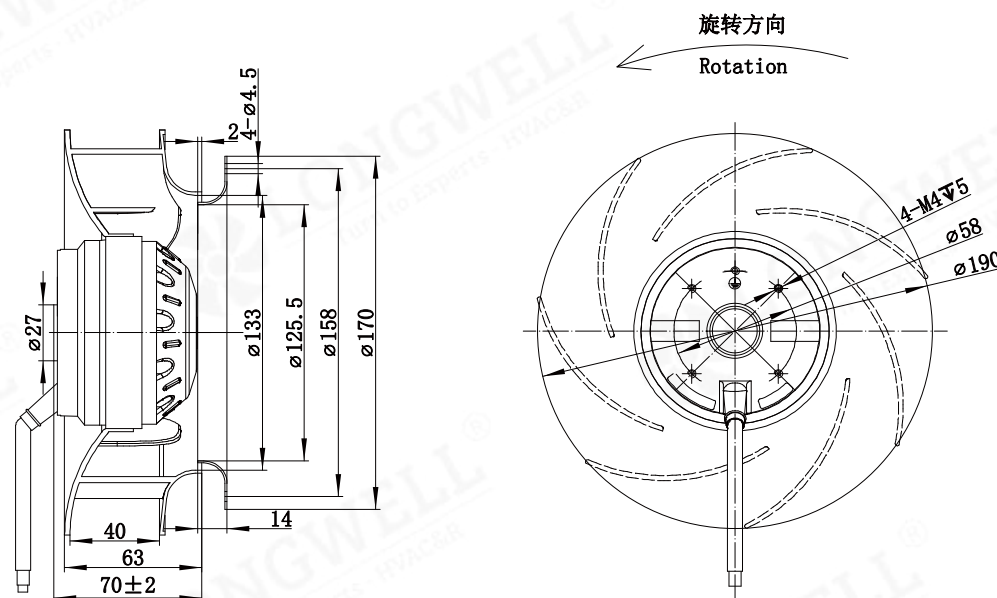
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~ +65 C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

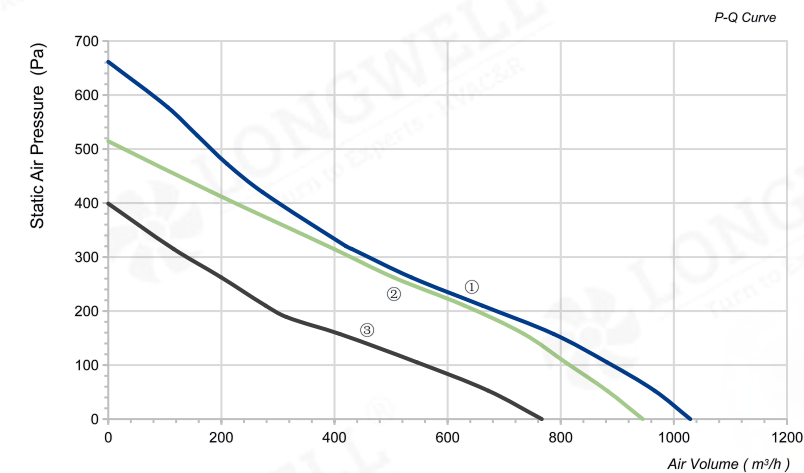


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4E190-092NS-07 | 230         | 50             | 60        | 0.28        | 2500        | 494             | 350               | 65            | 2uF       | ①     |
|                    |             |                | 48        | 0.23        | 2000        | 443             | 283               | 60            | 2uF       | ②     |
|                    |             |                | 45        | 0.22        | 1650        | 340             | 232               | 54            | 2uF       | ③     |



## LWBA-220 Series



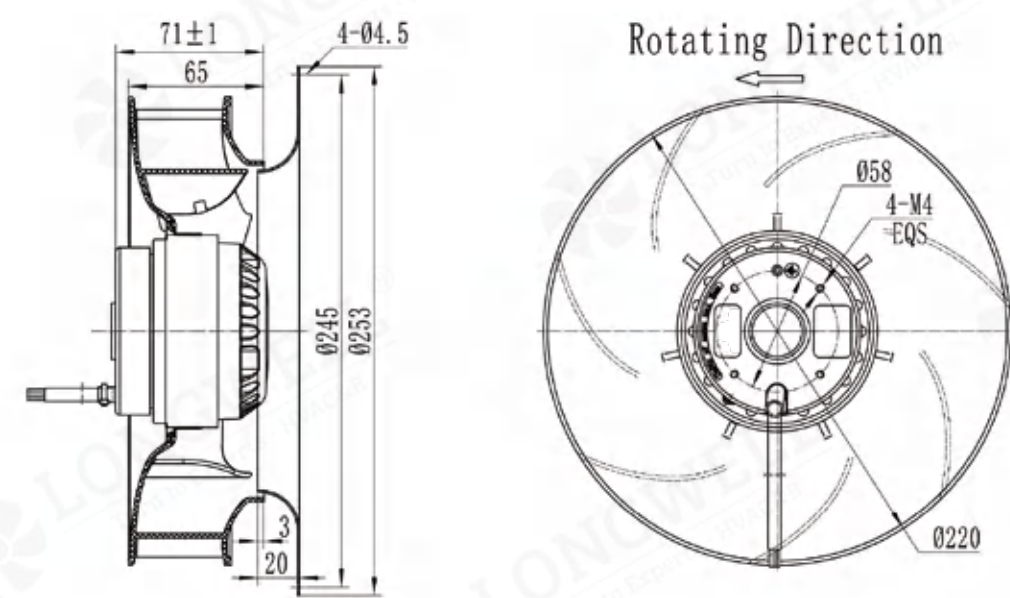
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~ +65 C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings



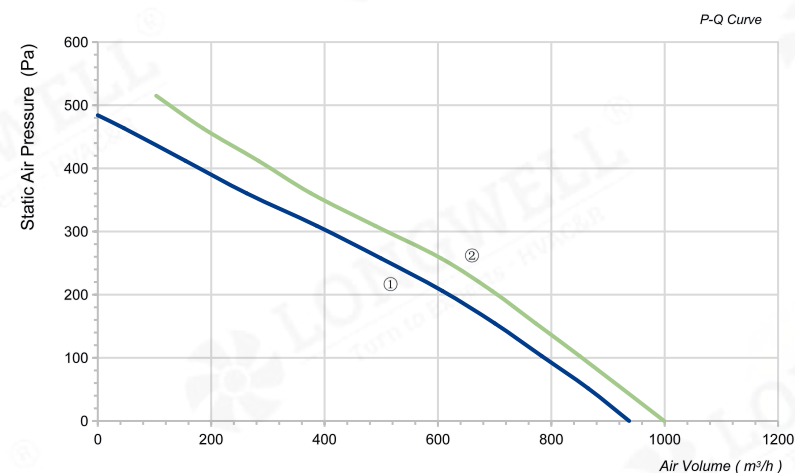
### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E220-092NS-01 | 230         | 60             | 129       | 0.56        | 2780        | 1029            | 662               | 67.1          | 3uF       | ①     |
| LWBA2E220-092NS-02 | 230         | 50             | 101       | 0.44        | 2530        | 945             | 515               | 66.6          | 3uF       | ②     |
| LWBA4E220-092NS-03 | 230         | 50             | 64        | 0.29        | 2180        | 767             | 399               | 62.2          | 2.5uF     | ③     |





## LWBA-220 Series



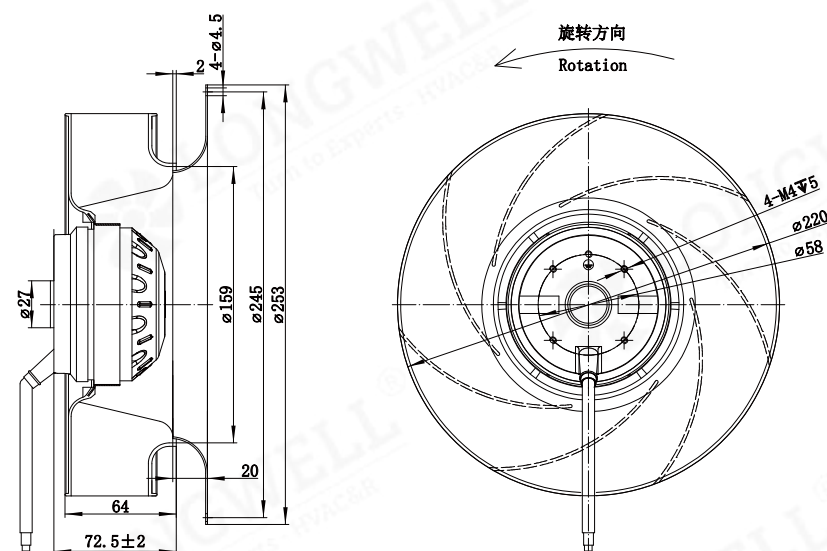
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

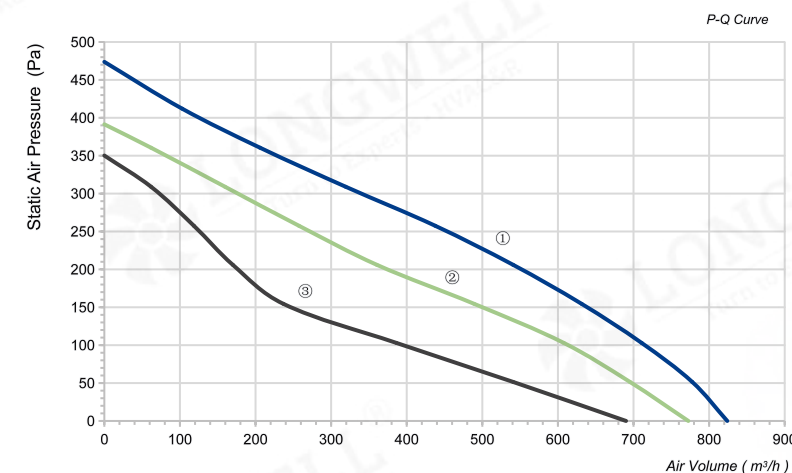


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E220-092NS-04 | 230         | 50             | 90        | 0.41        | 2500        | 937             | 484               | 70            | 2.5uF     | ①     |
| LWBA2E220-092NS-05 | 230         | 60             | 100       | 0.46        | 2700        | 999             | 515               | 73            | 2.5uF     | ②     |
| LWBA2D220-092NT-06 | 380         | 50             | 85        | 0.17        | 2500        | 937             | 484               | 70            | /         | ①     |
| LWBA2D220-092NT-07 | 380         | 60             | 100       | 0.2         | 2700        | 999             | 515               | 73            | /         | ②     |



## LWBA-220 Series



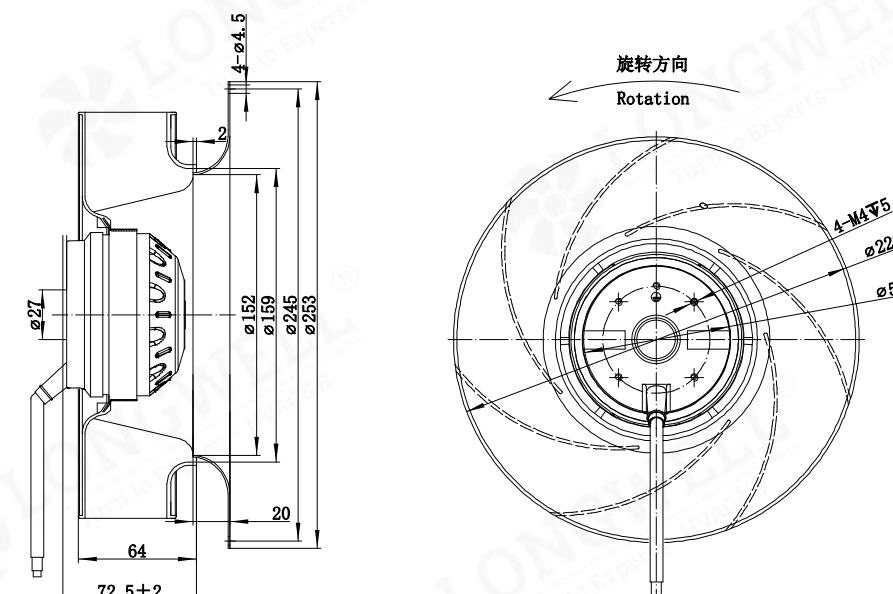
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

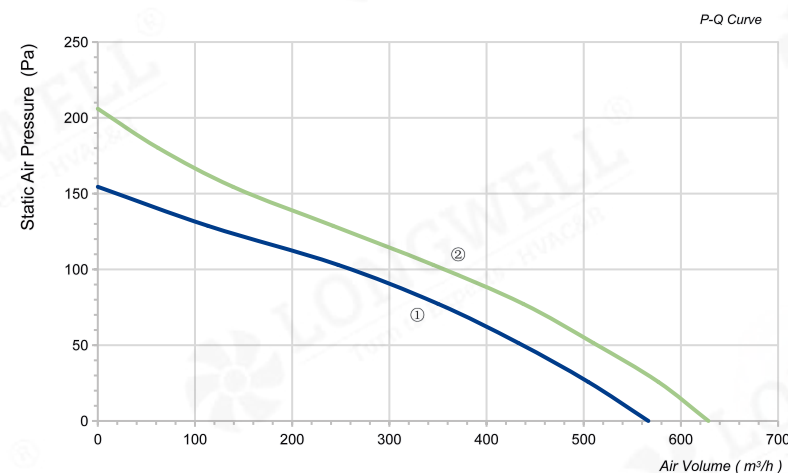


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E220-092NS-08 | 230         | 50             | 95        | 0.44        | 2500        | 824             | 474               | 70            | 2.5uF     | ①     |
|                    |             |                | 90        | 0.4         | 2300        | 773             | 391               | 67            | 2.5uF     | ②     |
|                    |             |                | 88        | 0.4         | 2000        | 690             | 350               | 64            | 2.5uF     | ③     |



## LWBA-220 Series



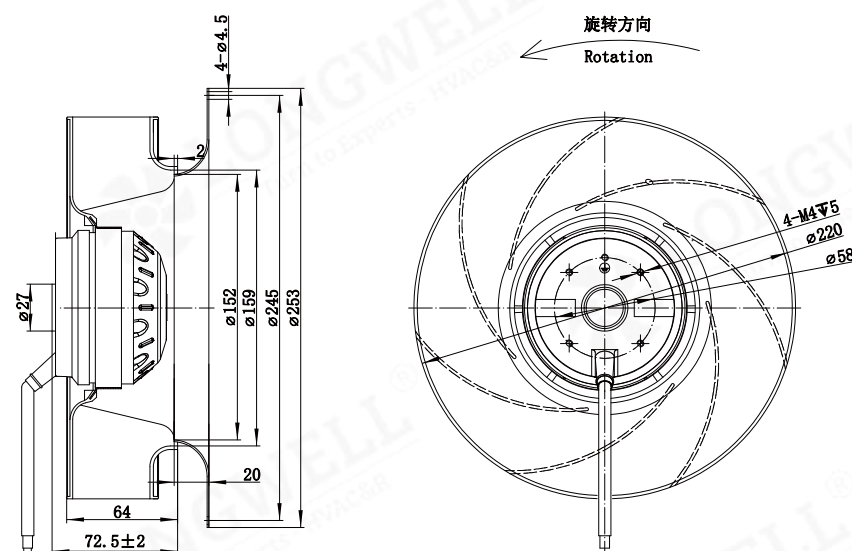
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

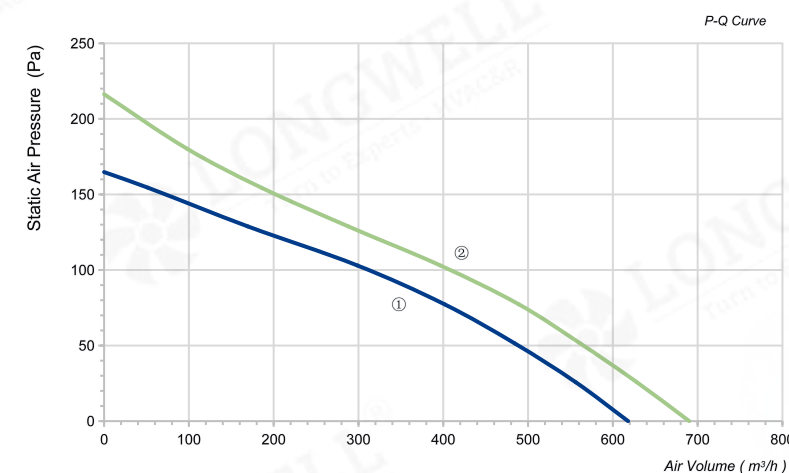


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4E220-092NS-09 | 230         | 50             | 40        | 0.23        | 1420        | 567             | 155               | 52            | 1.5uF     | ①     |
| LWBA4E220-092NS-10 | 230         | 60             | 41        | 0.19        | 1650        | 628             | 206               | 58            | 1.5uF     | ②     |
| LWBA4D220-092NT-11 | 380         | 50             | 38        | 0.08        | 1400        | 567             | 155               | 52            | /         | ①     |
| LWBA4D220-092NT-12 | 380         | 60             | 41        | 0.1         | 1650        | 628             | 206               | 58            | /         | ②     |



## LWBA-225 Series



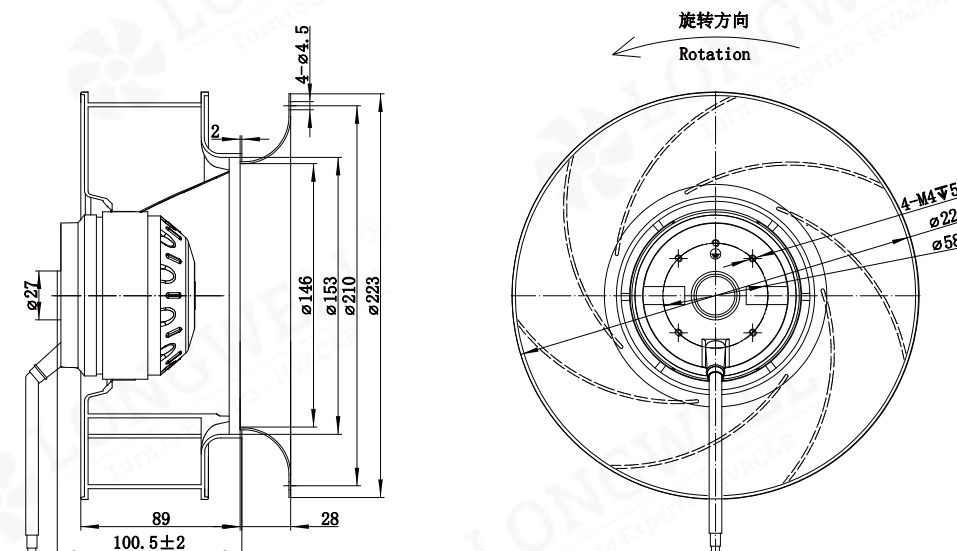
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings



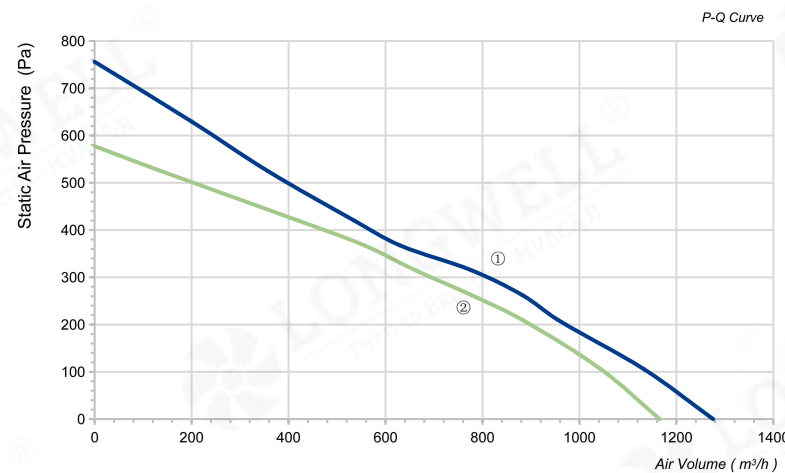
### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E225-092NS-01 | 230         | 50             | 45        | 0.21        | 1420        | 618             | 165               | 54            | 1.5uF     | ①     |
| LWBA4E225-092NS-02 | 230         | 60             | 47        | 0.2         | 1650        | 690             | 216               | 60            | 1.5uF     | ②     |
| LWBA2D225-092NT-03 | 380         | 50             | 45        | 0.13        | 1420        | 618             | 165               | 54            | /         | ①     |
| LWBA4D225-092NT-04 | 380         | 60             | 47        | 0.13        | 1650        | 690             | 216               | 60            | /         | ②     |





## LWBA-225 Series



**RECOMMEND**

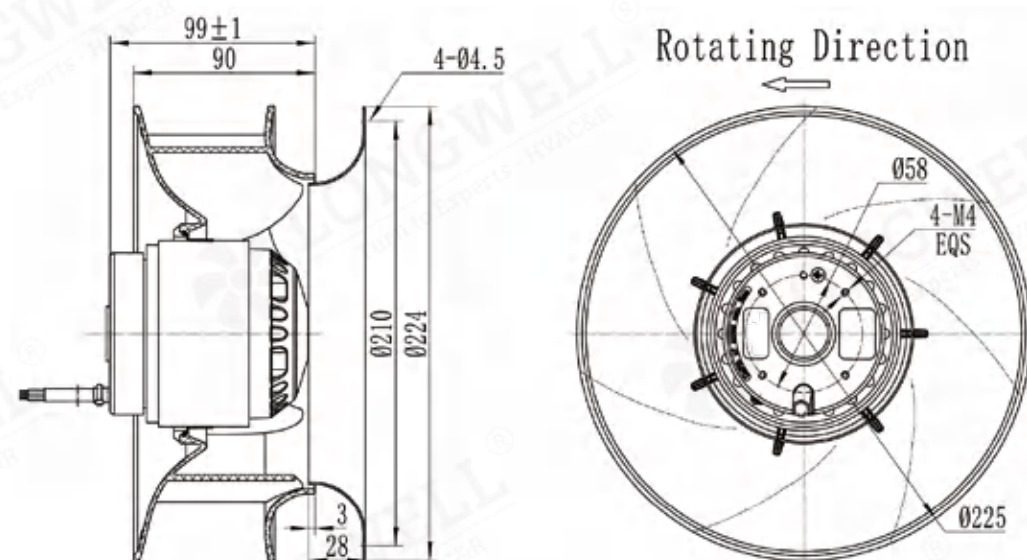
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~ +65 C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

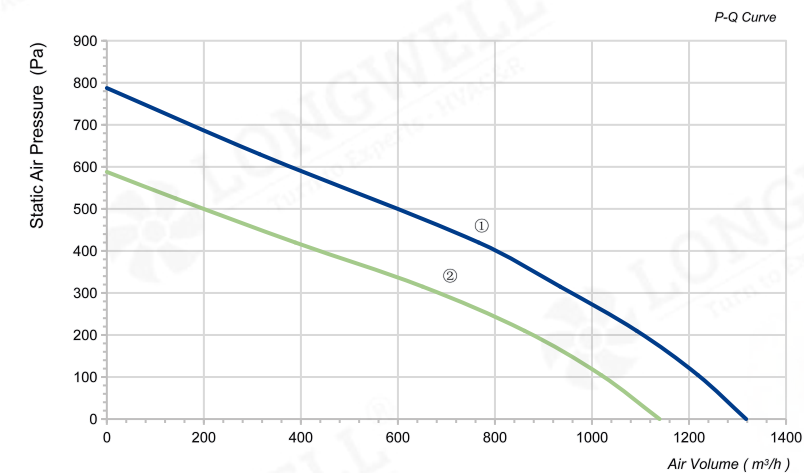


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E225-092NU-05 | 115         | 60             | 178       | 0.77        | 2905        | 1276            | 756               | 71.3          | 20uF      | ①     |
| LWBA2E225-092NS-06 | 230         | 50             | 129       | 0.56        | 2655        | 1166            | 578               | 68.6          | 5uF       | ②     |



## LWBA-225 Series



**RECOMMEND**

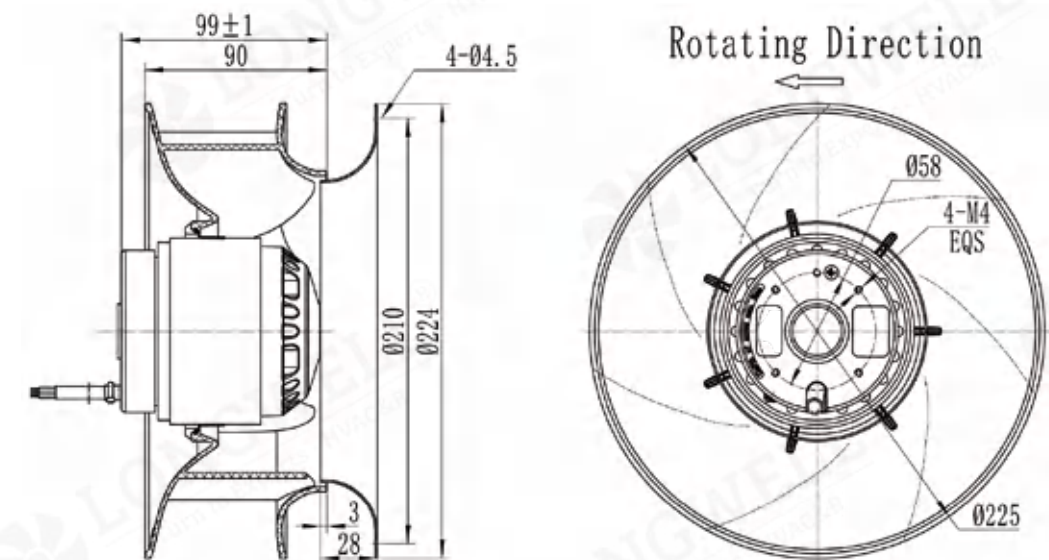
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~ +65 C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

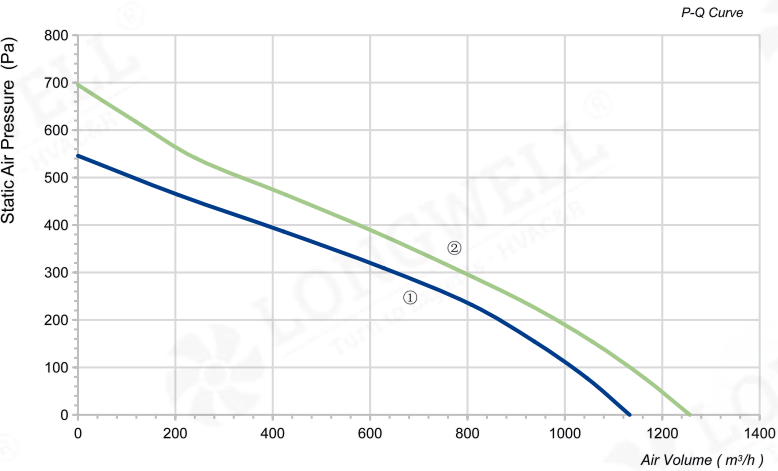


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2D225-092NT-07 | 460         | 60             | 190       | 0.3         | 3095        | 1318            | 788               | 71.8          | /         | ①     |
| LWBA2D225-092NT-08 | 380         | 50             | 119       | 0.23        | 2645        | 1139            | 588               | 68.6          | /         | ②     |



LWBA-225 Series



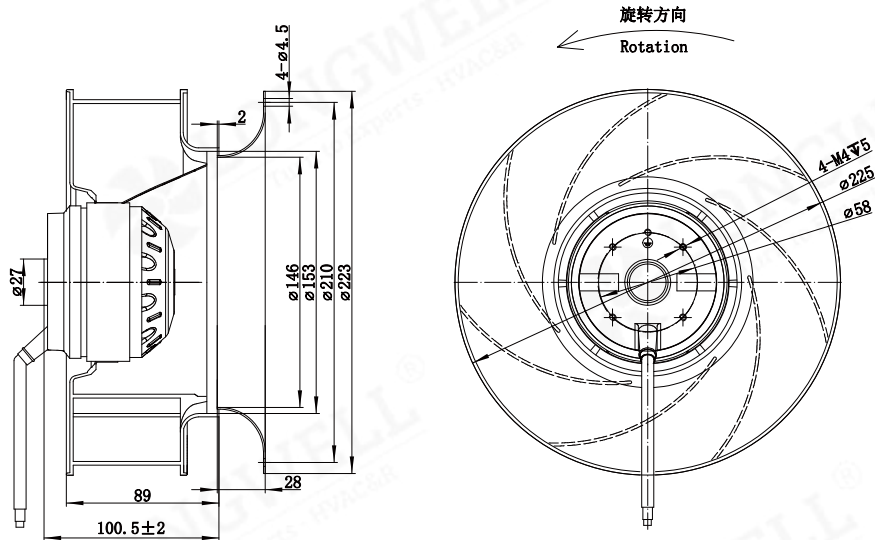
Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise,seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~ +65 C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

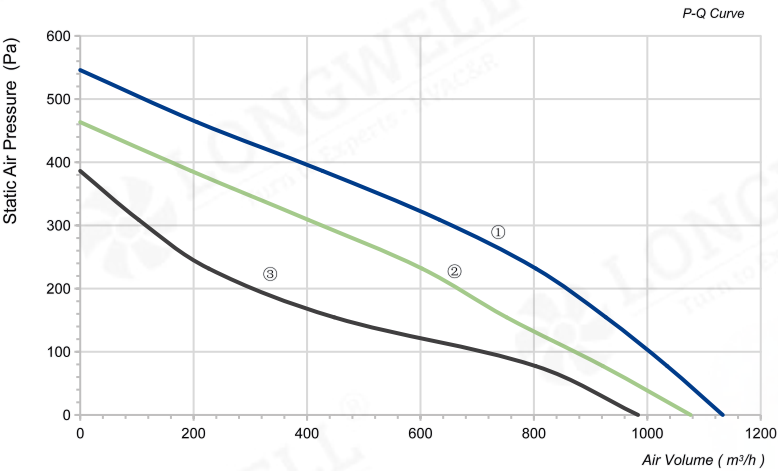


Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E225-092NS-09 | 230         | 50             | 135       | 0.6         | 2600        | 1133            | 546               | 74            | 4uF       | ①     |
| LWBA2E225-092NS-10 | 230         | 60             | 180       | 0.9         | 2900        | 1257            | 695               | 76            | 4uF       | ②     |
| LWBA2D225-092NT-11 | 380         | 50             | 135       | 0.23        | 2600        | 1133            | 546               | 74            | /         | ①     |
| LWBA2D225-092NT-12 | 380         | 60             | 180       | 0.28        | 2900        | 1257            | 695               | 76            | /         | ②     |



LWBA-225 Series



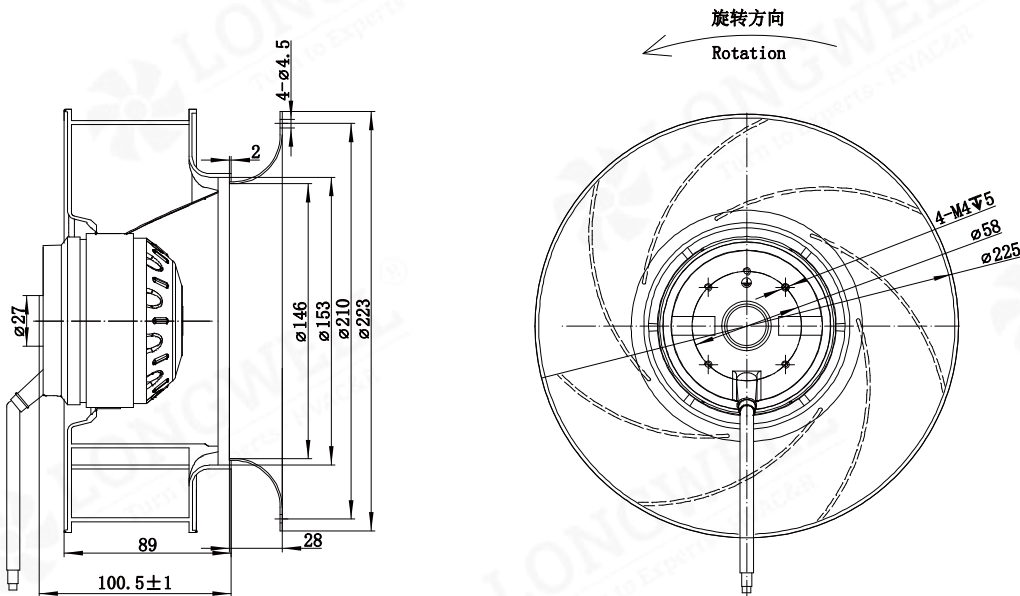
Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise,seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~ +65 C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings



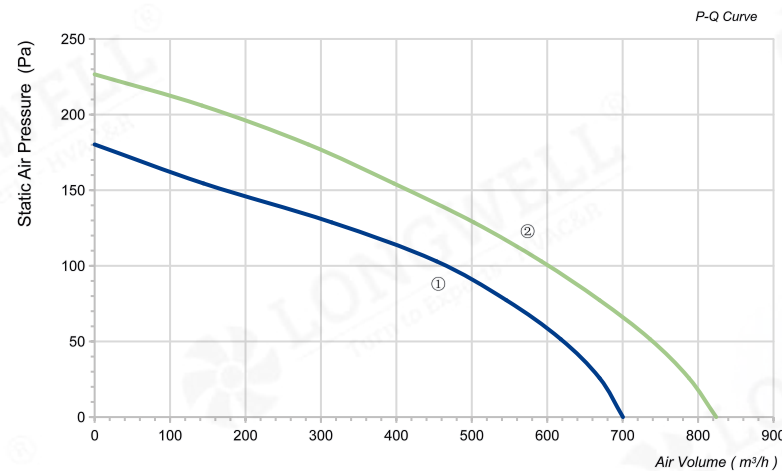
Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E225-092NS-13 | 230         | 50             | 125       | 0.6         | 2630        | 1133            | 546               | 74            | 4uF       | ①     |
|                    |             |                | 120       | 0.54        | 2500        | 1076            | 464               | 70            | 4uF       | ②     |
|                    |             |                | 115       | 0.52        | 2290        | 984             | 386               | 66            | 4uF       | ③     |





## LWBA-250 Series



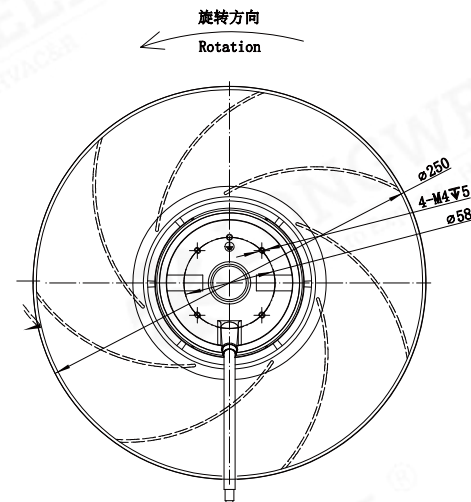
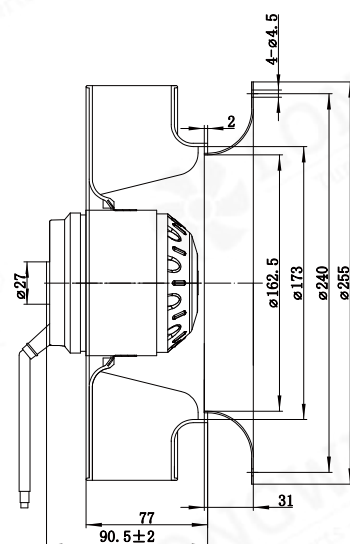
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

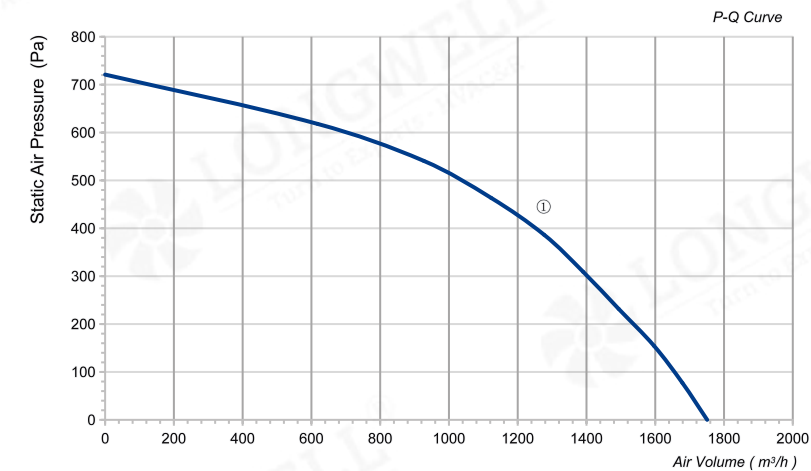


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4E250-092NS-01 | 230         | 50             | 53        | 0.28        | 1400        | 700             | 180               | 61            | 2uF       | ①     |
| LWBA4E250-092NS-02 | 230         | 60             | 58        | 0.28        | 1600        | 824             | 227               | 64            | 2uF       | ②     |
| LWBA4D250-092NT-03 | 380         | 50             | 53        | 0.15        | 1400        | 700             | 180               | 61            | /         | ①     |
| LWBA4D250-092NT-04 | 380         | 60             | 58        | 0.16        | 1600        | 824             | 227               | 64            | /         | ②     |



## LWBA-250 Series



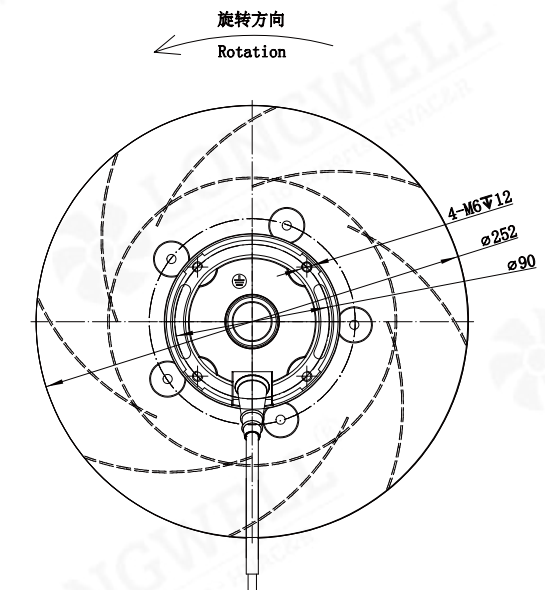
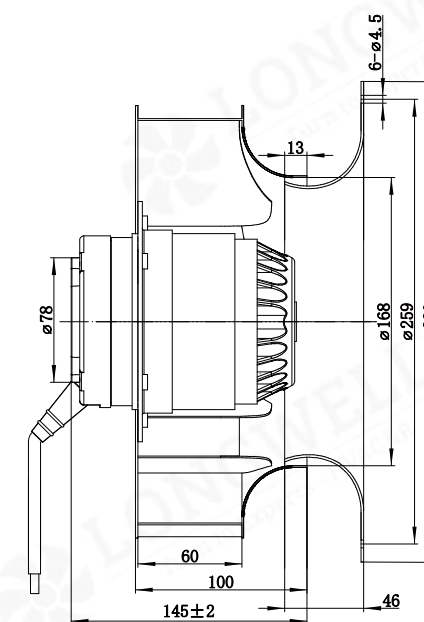
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

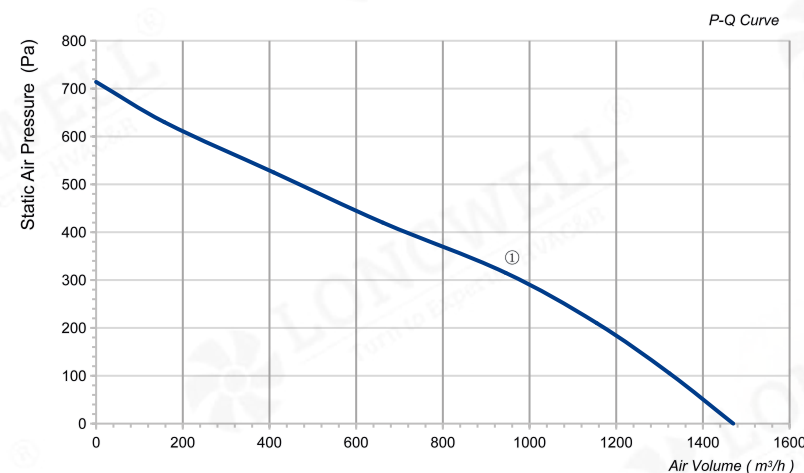


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E250-092NS-05 | 230         | 50             | 290       | 1.2         | 2650        | 1751            | 721               | 76            | 6uF       | ①     |
| LWBA2D250-092NT-06 | 380         | 50             | 290       | 0.9         | 2800        | 1751            | 721               | 77            | /         | ①     |



## LWBA-250 Series



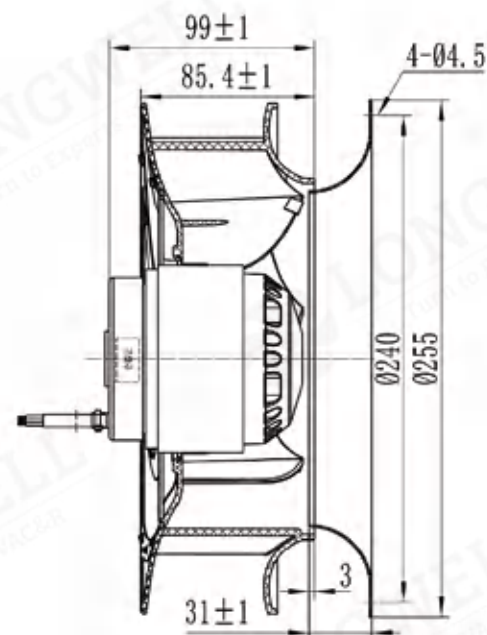
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~ +65 C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

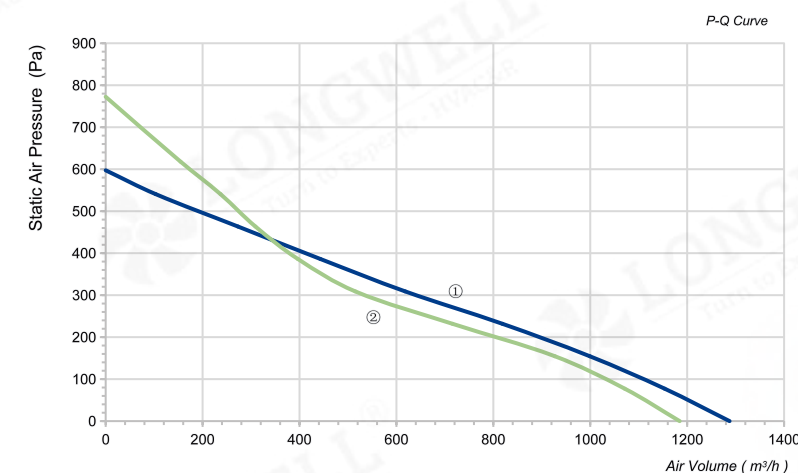


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E250-092NS-07 | 230         | 50             | 151       | 0.66        | 2700        | 1470            | 714               | 72.7          | 5uF       | ①     |



## LWBA-250 Series



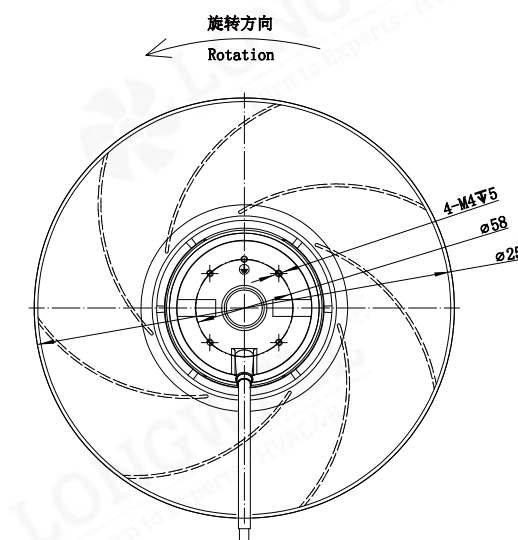
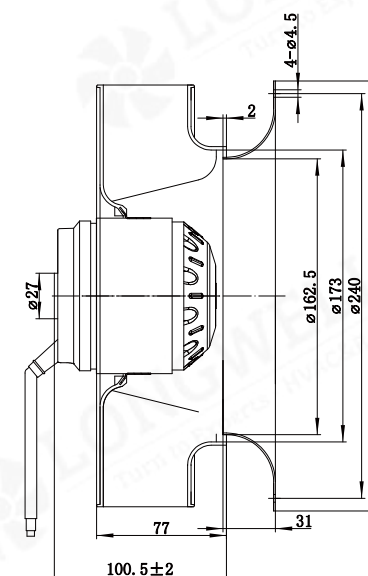
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~ +65 C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings



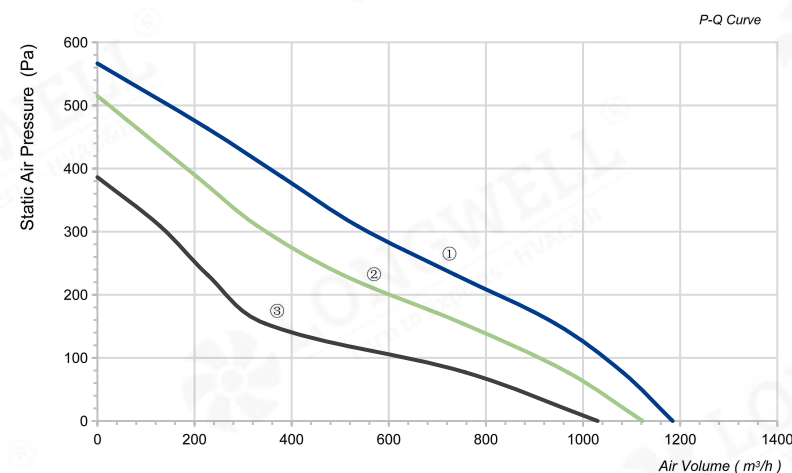
### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E250-092NS-08 | 230         | 50             | 135       | 0.6         | 2450        | 1288            | 597               | 74            | 4uF       | ①     |
| LWBA2E250-092NS-09 | 230         | 60             | 190       | 0.9         | 2600        | 1185            | 773               | 76            | 4uF       | ②     |
| LWBA2D250-092NT-10 | 380         | 50             | 160       | 0.32        | 2450        | 1288            | 597               | 74            | /         | ①     |
| LWBA2D250-092NT-11 | 380         | 60             | 185       | 0.38        | 2600        | 1185            | 773               | 76            | /         | ②     |





## LWBA-250 Series



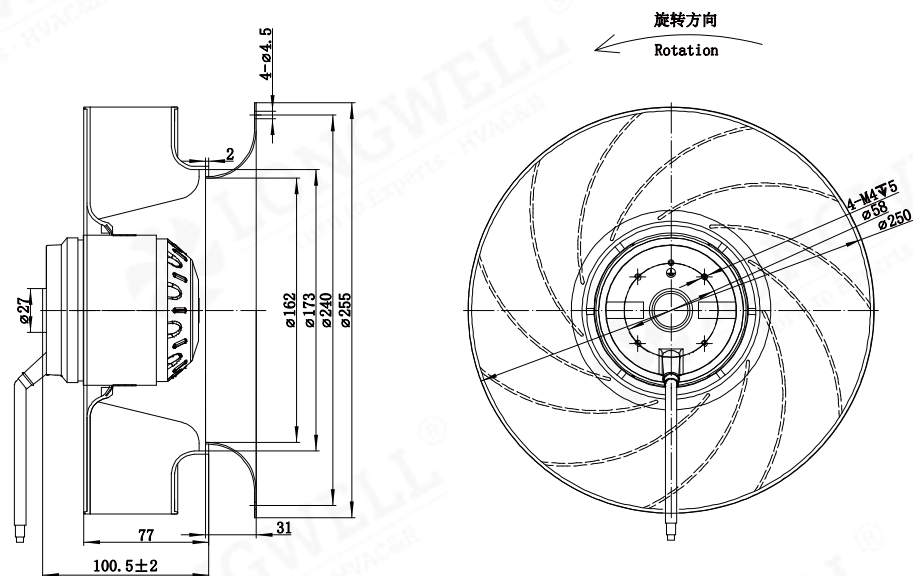
### Product Characteristic

- Impeller Material: Plastic PA66
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~ +65 C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

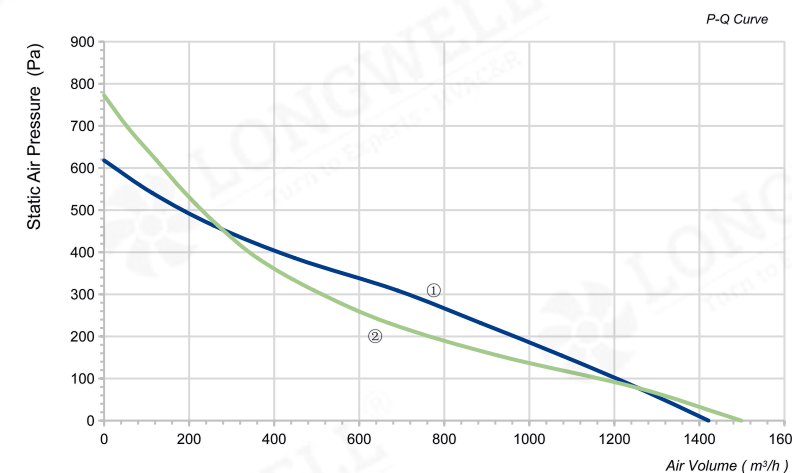


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E250-092NS-12 | 230         | 50             | 130       | 0.62        | 2650        | 1185            | 567               | 76            | 4uF       | ①     |
|                    |             |                | 125       | 0.58        | 2400        | 1123            | 515               | 70            | 4uF       | ②     |
|                    |             |                | 120       | 0.56        | 2150        | 1030            | 386               | 65            | 4uF       | ③     |



## LWBA-250 Series



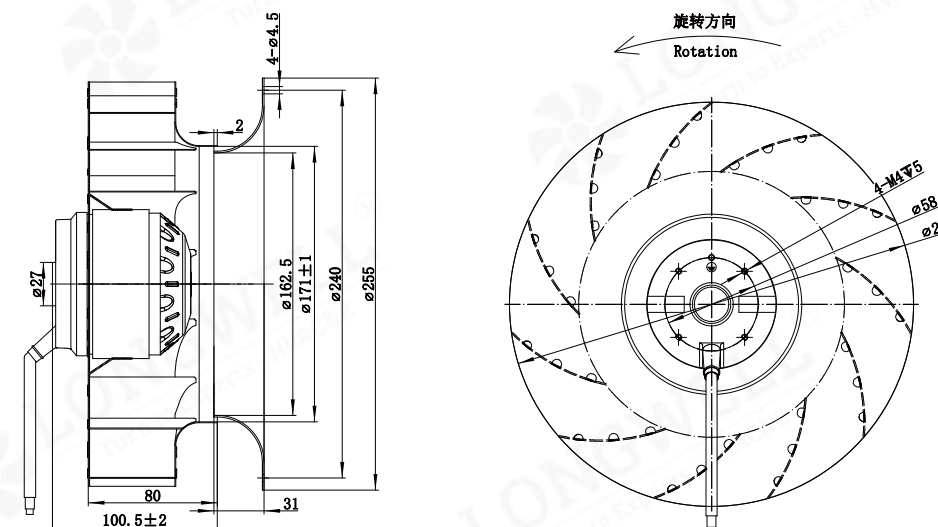
### Product Characteristic

- Impeller Material: Galvanised sheet steel
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~ +65 C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

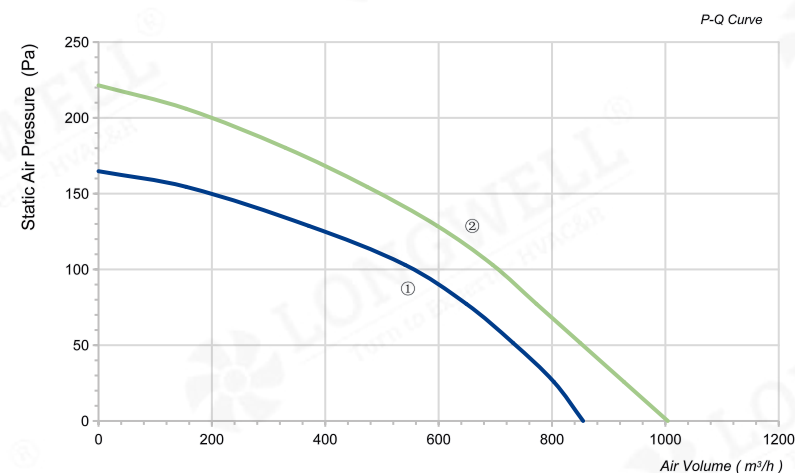


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E250-092NS-13 | 230         | 50             | 155       | 0.7         | 2500        | 1421            | 618               | 76            | 4uF       | ①     |
| LWBA2E250-092NS-14 | 230         | 60             | 210       | 0.95        | 2600        | 1499            | 773               | 79            | 4uF       | ②     |
| LWBA2D250-092NT-15 | 380         | 50             | 150       | 0.31        | 2450        | 1421            | 618               | 76            | /         | ①     |
| LWBA2D250-092NT-16 | 380         | 60             | 200       | 0.37        | 2550        | 1499            | 773               | 79            | /         | ②     |



## LWBA-250 Series



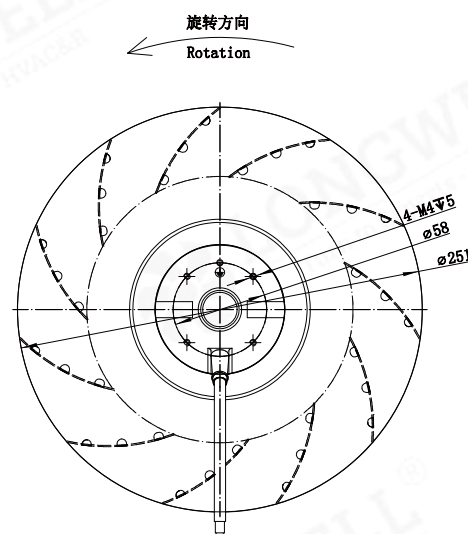
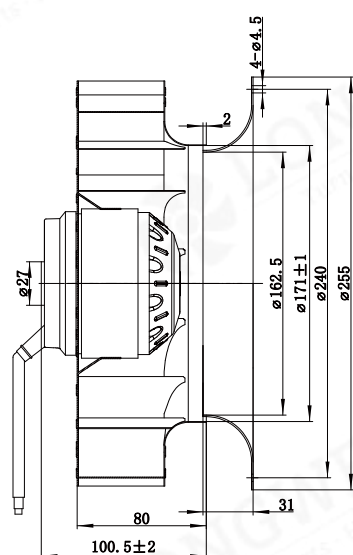
### Product Characteristic

- Impeller Material: Galvanised sheet steel
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

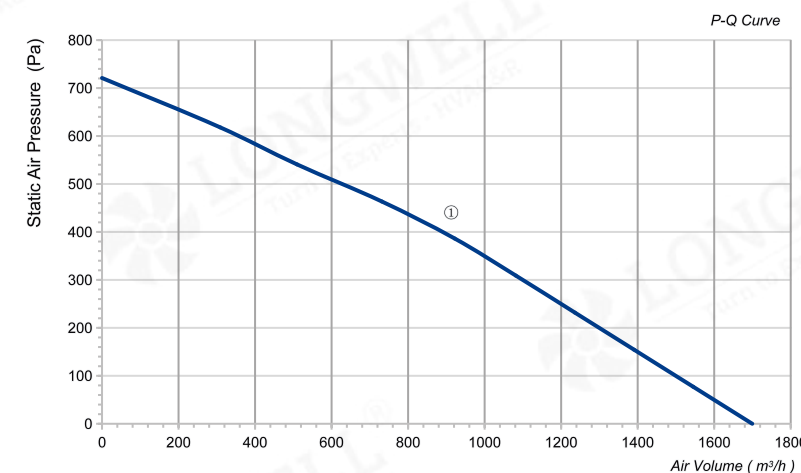


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4E250-092NS-17 | 230         | 50             | 50        | 0.24        | 1400        | 855             | 165               | 68            | 2uF       | ①     |
| LWBA4E250-092NS-18 | 230         | 60             | 60        | 0.27        | 1600        | 1004            | 221               | 70            | 2uF       | ②     |
| LWBA4D250-092NT-19 | 380         | 50             | 50        | 0.15        | 1450        | 855             | 165               | 68            | /         | ①     |
| LWBA4D250-092NT-20 | 380         | 60             | 60        | 0.15        | 1600        | 1004            | 221               | 70            | /         | ②     |



## LWBA-280 Series



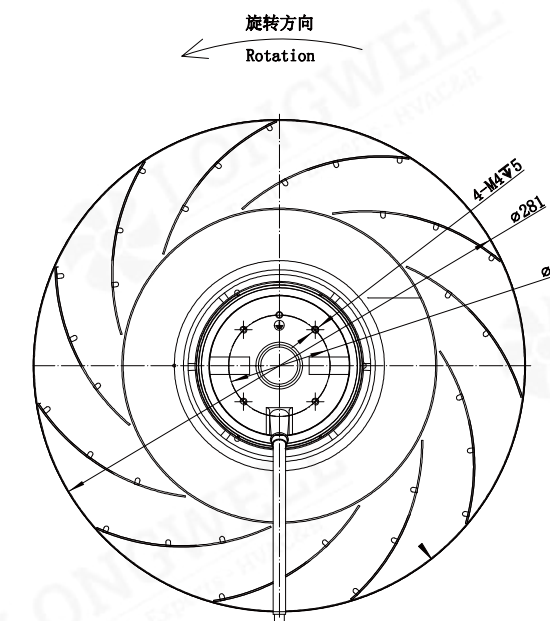
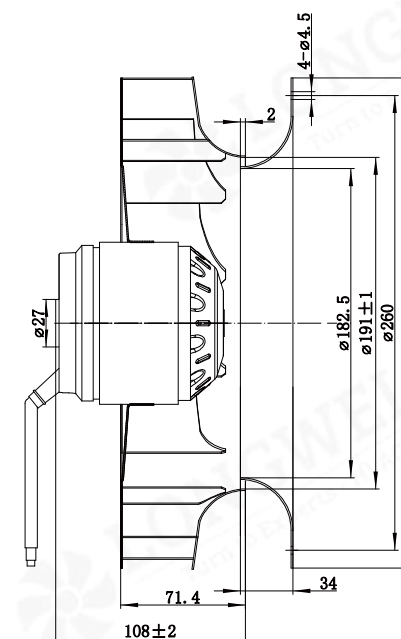
### Product Characteristic

- Impeller Material: Galvanised sheet steel
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings



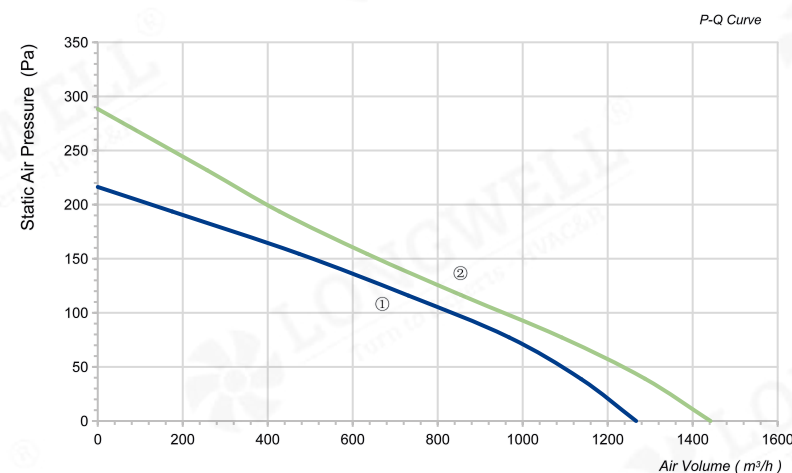
### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E280-092NS-01 | 230         | 50             | 230       | 1.1         | 2450        | 1700            | 721               | 79            | 6uF       | ①     |
| LWBA2D280-092NT-02 | 380         | 50             | 200       | 0.6         | 2500        | 1700            | 721               | 79            | /         | ①     |





## LWBA-280 Series



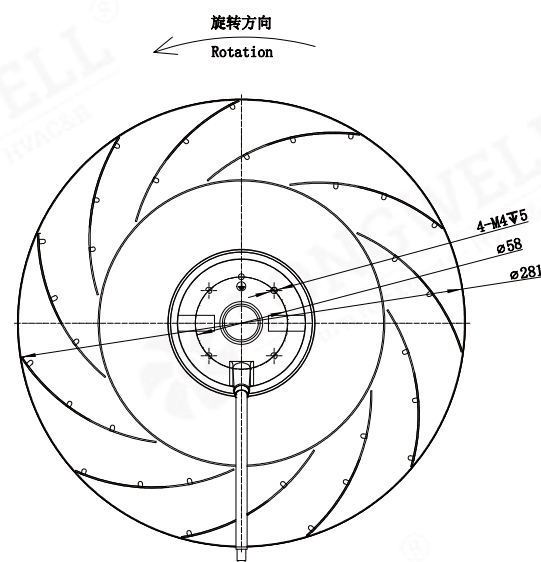
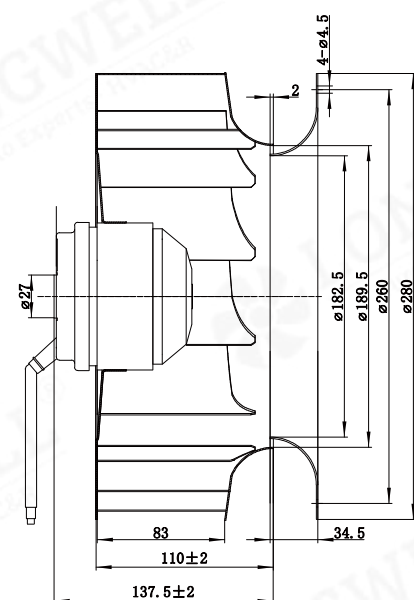
### Product Characteristic

- Impeller Material: Galvanised sheet steel
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP44
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

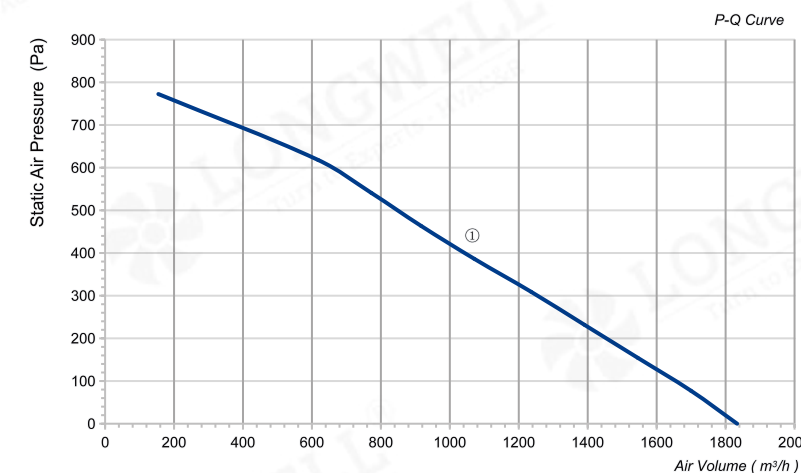


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4E280-092NS-03 | 230         | 50             | 80        | 0.38        | 1350        | 1267            | 216               | 63            | 3uF       | ①     |
| LWBA4E280-092NS-04 | 230         | 60             | 100       | 0.45        | 1500        | 1442            | 288               | 66            | 3uF       | ②     |



## LWBA-280 Series



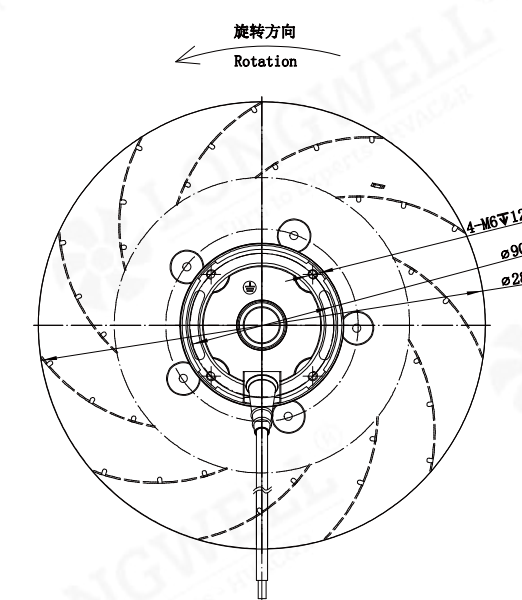
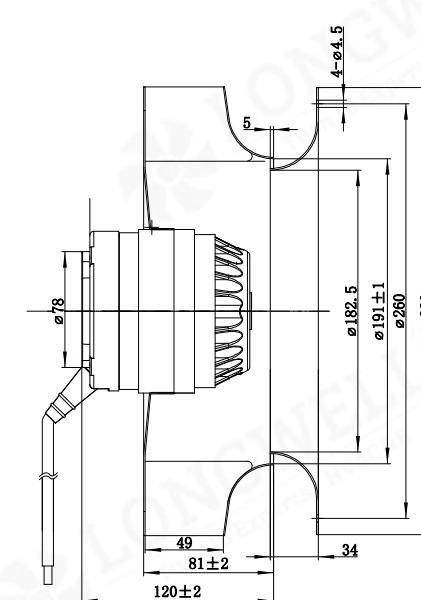
### Product Characteristic

- Impeller Material: Galvanised sheet steel
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

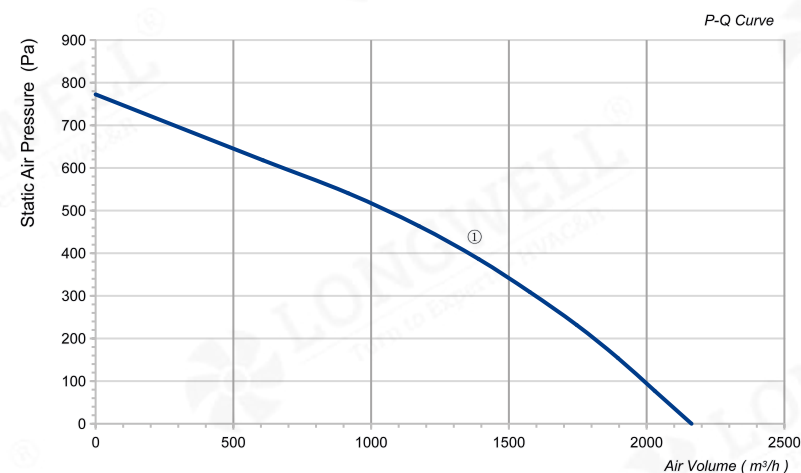


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E280-102NS-05 | 230         | 50             | 250       | 1.2         | 2650        | 1833            | 773               | 80            | 7uF       | ①     |
| LWBA2D280-102NT-06 | 380         | 50             | 250       | 0.7         | 2650        | 1833            | 773               | 80            | /         | ①     |



## LWBA-280 Series



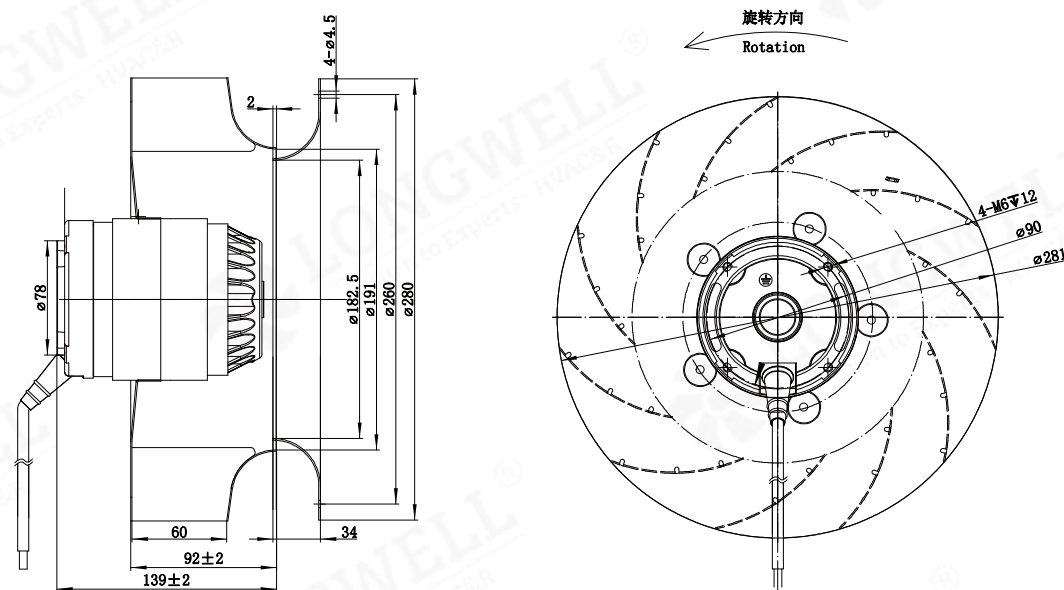
### Product Characteristic

- Impeller Material: Galvanised sheet steel
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

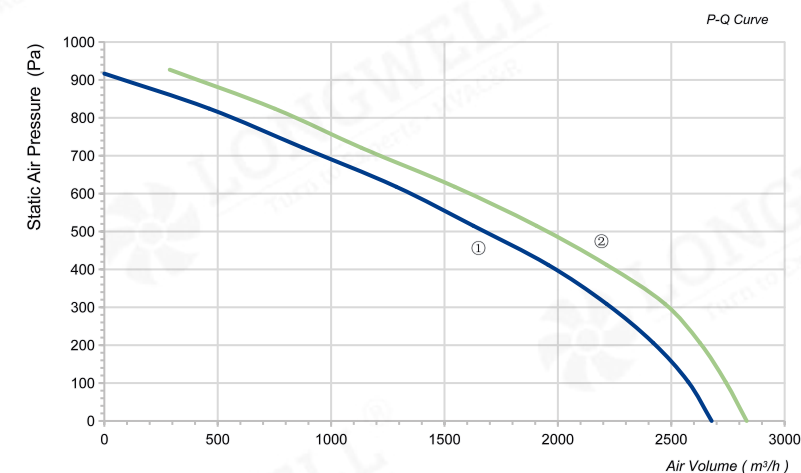


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2E280-102NS-07 | 230         | 50             | 330       | 1.5         | 2700        | 2163            | 773               | 80            | 10uF      | ①     |
| LWBA2D280-102NT-08 | 380         | 50             | 330       | 0.7         | 2700        | 2163            | 773               | 80            | /         | ①     |



## LWBA-280 Series



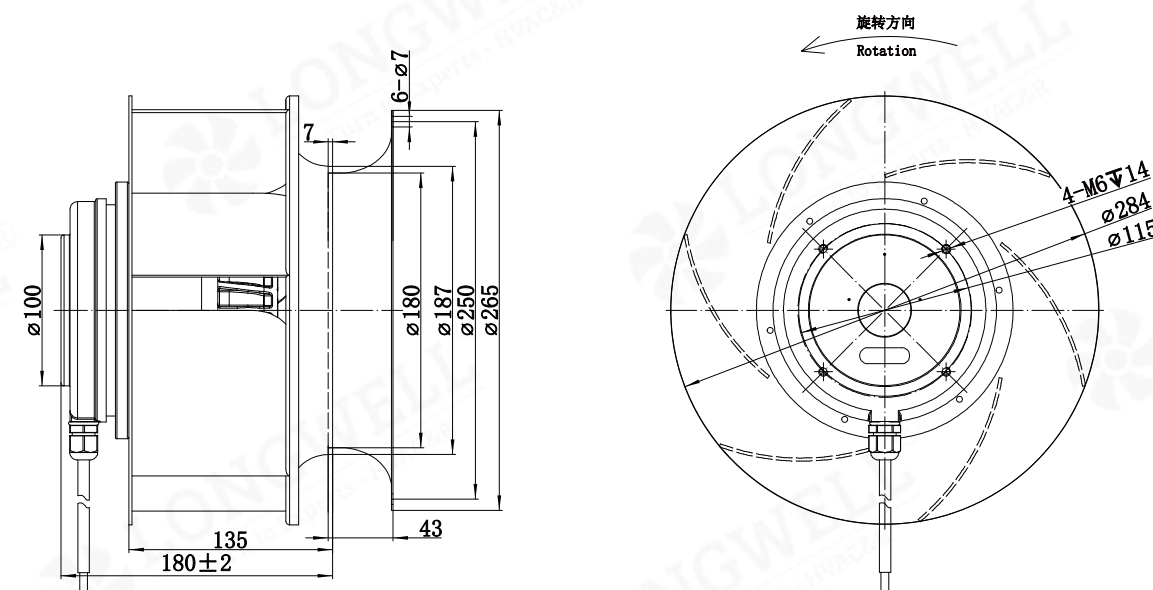
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings



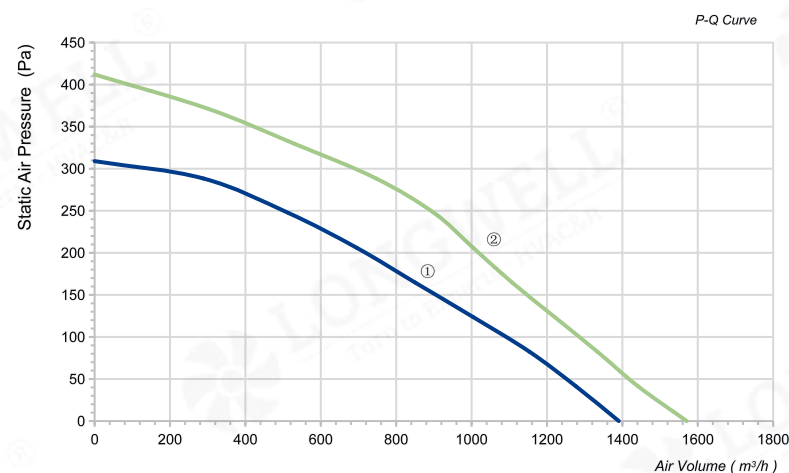
### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2D280-138NT-09 | 380         | 50             | 500       | 0.95        | 2750        | 2678            | 917               | 78            | /         | ①     |
| LWBA2D280-138NT-10 | 380         | 60             | 680       | 1.6         | 2900        | 2833            | 927               | 80            | /         | ②     |





## LWBA-315 Series



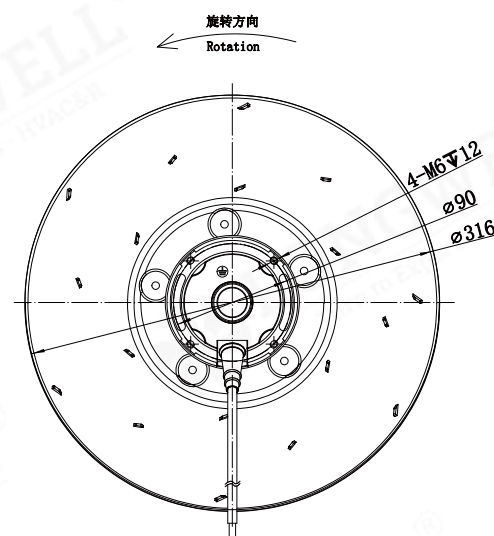
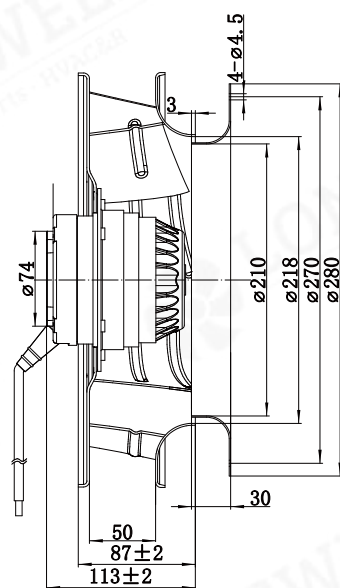
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

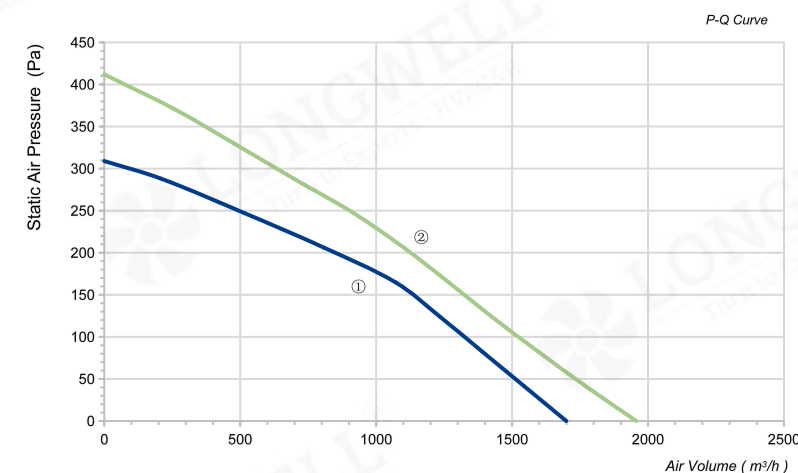


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4E315-102NS-01 | 230         | 50             | 95        | 0.5         | 1400        | 1391            | 309               | 56            | 3uF       | ①     |
| LWBA4E315-102NS-02 | 230         | 60             | 115       | 0.6         | 1600        | 1571            | 412               | 58            | 3uF       | ②     |



## LWBA-315 Series



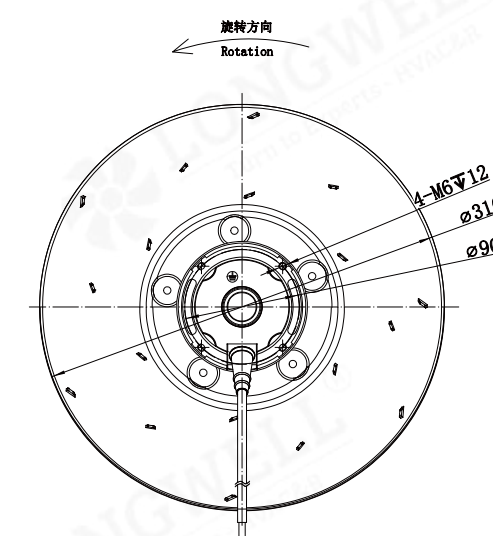
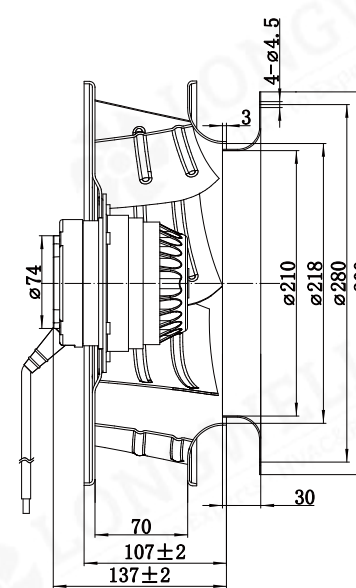
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

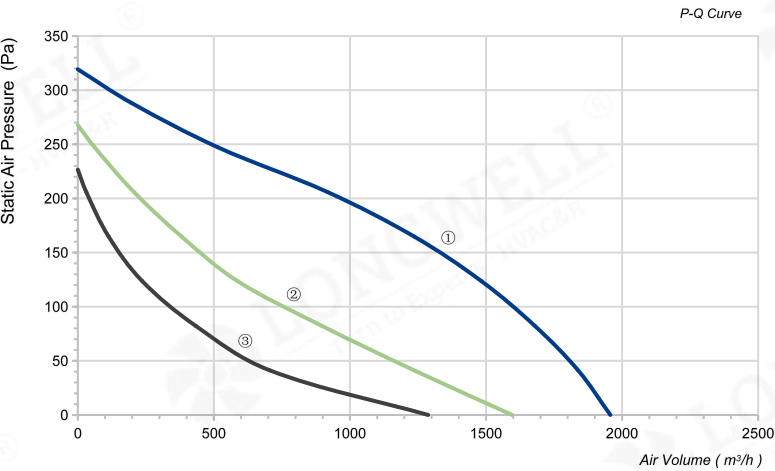


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4E315-102NS-03 | 230         | 50             | 105       | 0.55        | 1400        | 1700            | 309               | 60            | 3uF       | ①     |
| LWBA4E315-102NS-04 | 230         | 60             | 135       | 0.65        | 1600        | 1957            | 412               | 62            | 3uF       | ②     |



LWBA-315 Series



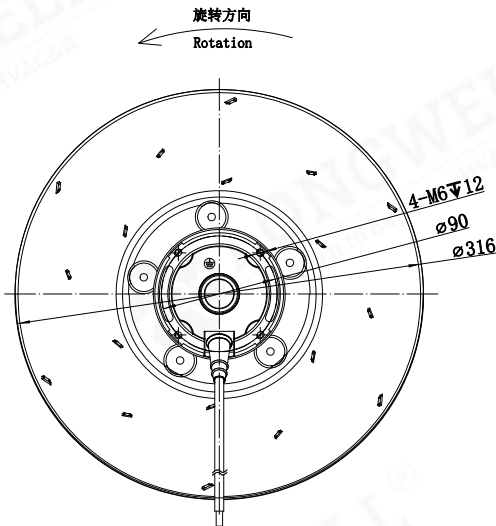
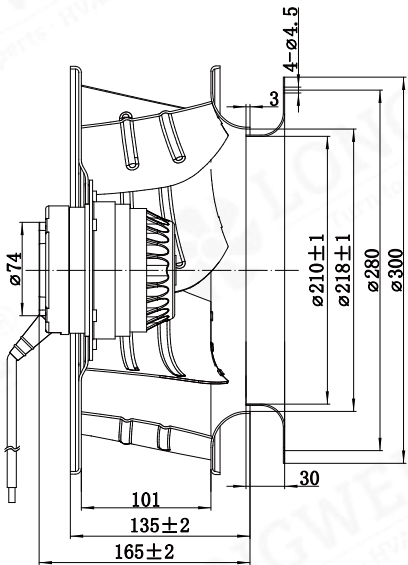
Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise,seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~+65 C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

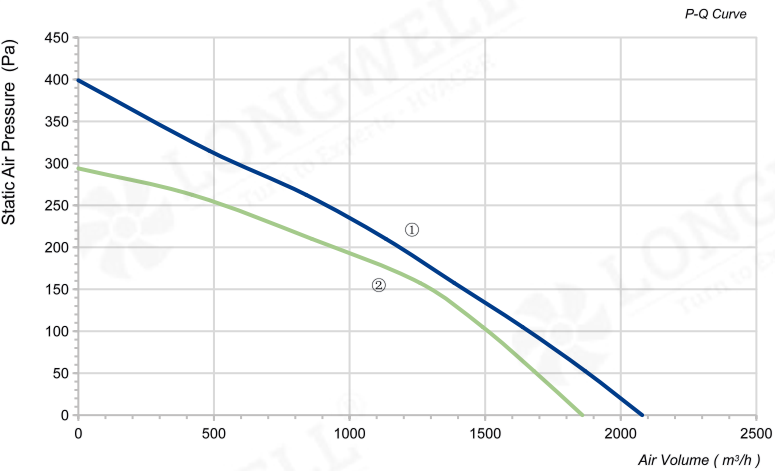


Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4E315-102NS-11 | 230         | 50             | 115       | 0.6         | 1350        | 1957            | 319               | 63            | 4uF       | ①     |
|                    |             |                | 85        | 0.4         | 1100        | 1597            | 268               | 57            | 4uF       | ②     |
|                    |             |                | 65        | 0.3         | 850         | 1288            | 227               | 51            | 4uF       | ③     |



LWBA-315 Series



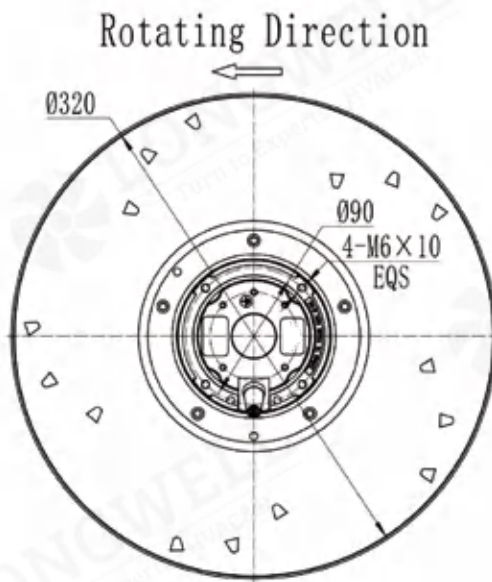
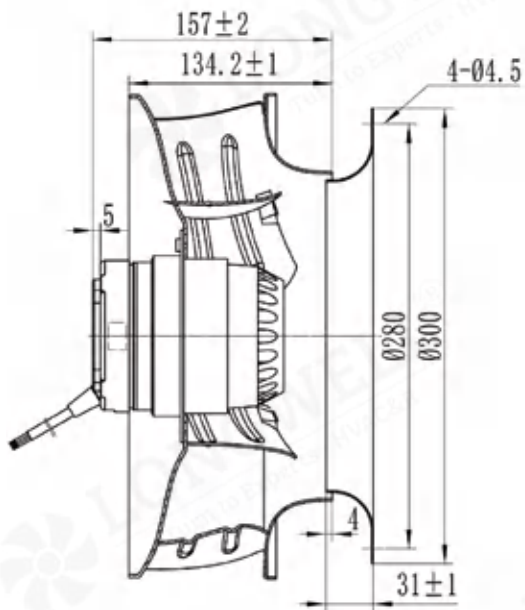
Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise,seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~+65 C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings



Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4E315-102NS-18 | 230         | 60             | 153       | 0.66        | 1550        | 2079            | 399               | 69.6          | 4uF       | ①     |
| LWBA4E315-102NS-19 | 230         | 50             | 116       | 0.53        | 1390        | 1859            | 294               | 67.4          | 4uF       | ②     |





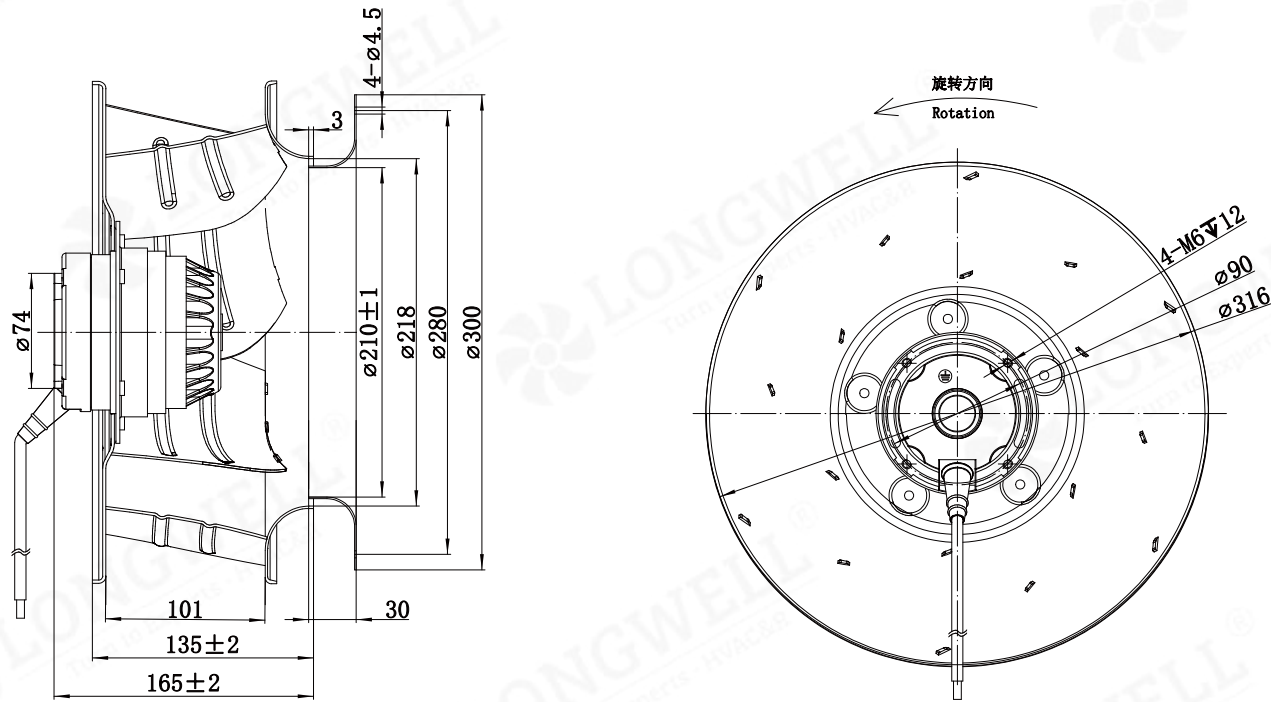
# LWBA-315 Series

## Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise,seen on rotor
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 C



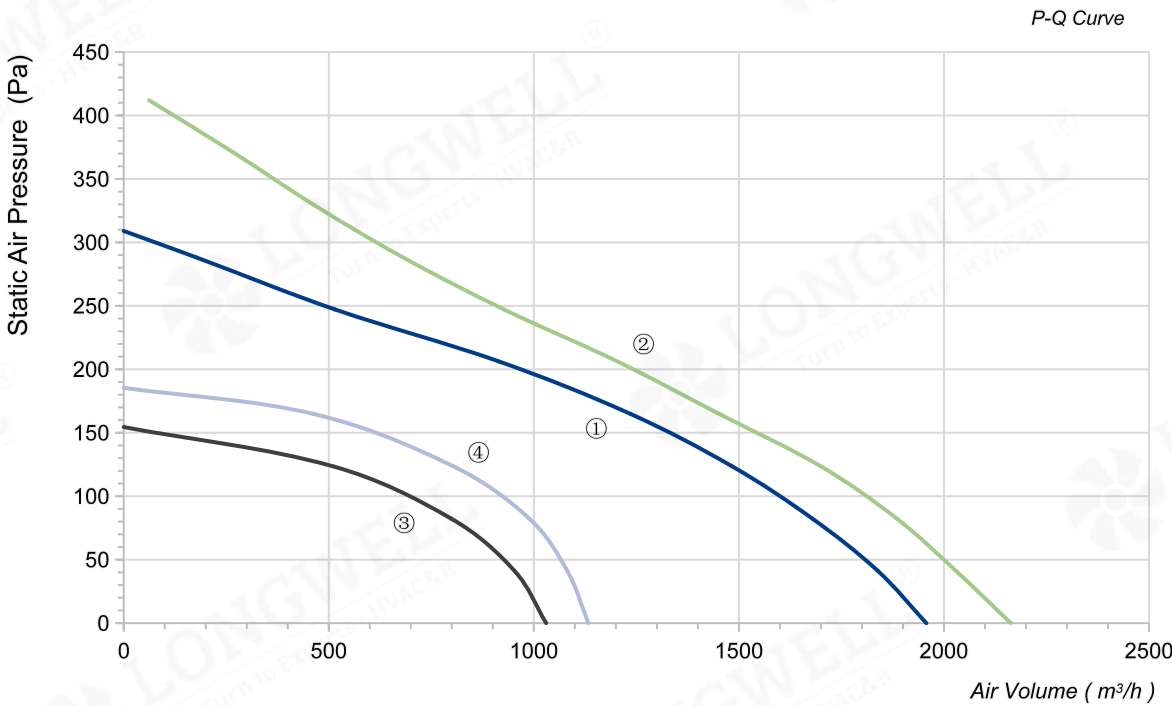
## Product Drawing (mm)



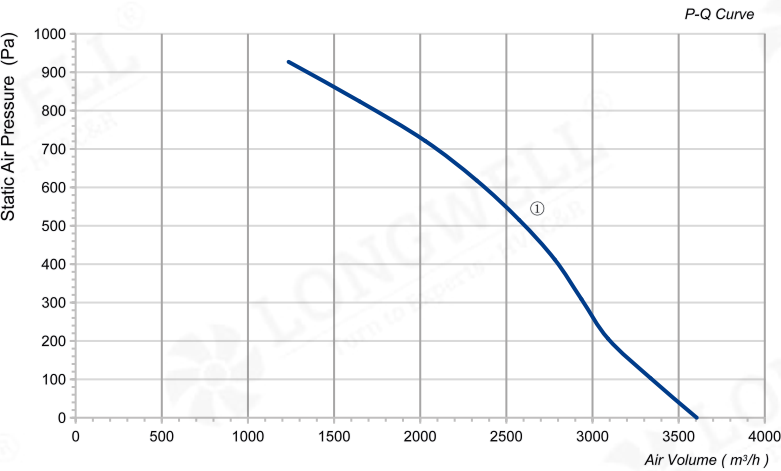
## Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4E315-102NS-05 | 230         | 50             | 135       | 0.6         | 1400        | 1957            | 309               | 63            | 3uF       | ①     |
| LWBA4E315-102NS-06 | 230         | 60             | 180       | 0.8         | 1580        | 2163            | 412               | 65            | 3uF       | ②     |
| LWBA6E315-102NS-07 | 230         | 50             | 75        | 0.38        | 940         | 1030            | 155               | 58            | 3uF       | ③     |
| LWBA6E315-102NS-08 | 230         | 60             | 85        | 0.42        | 1050        | 1133            | 185               | 60            | 3uF       | ④     |
| LWBA4D315-102NT-09 | 380         | 50             | 136       | 0.35        | 1400        | 1957            | 309               | 63            | /         | ①     |
| LWBA4D315-102NT-10 | 380         | 60             | 175       | 0.4         | 1560        | 2163            | 412               | 65            | /         | ②     |

## Flow Rate Curve



LWBA-315 Series

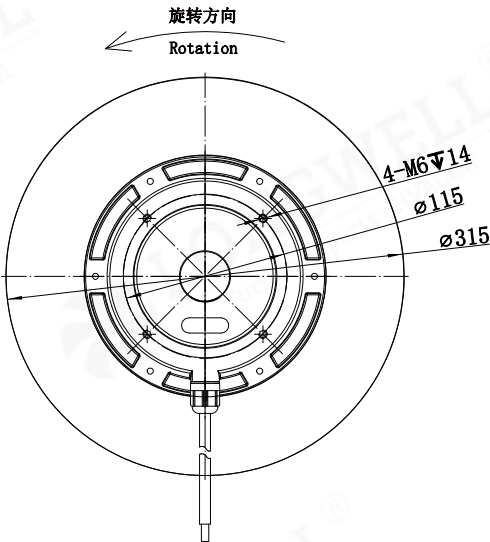
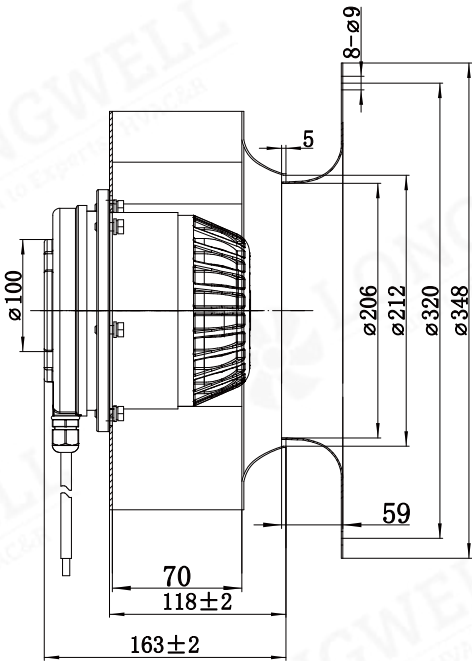


Product Characteristic

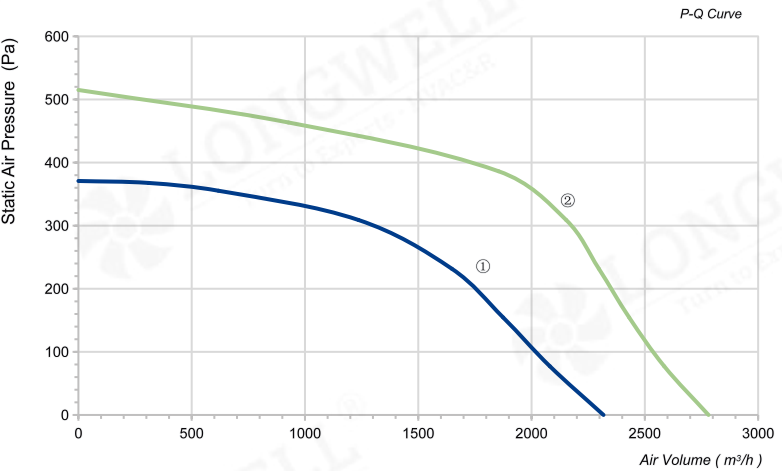
- Impeller Material: Aluminum Alloy
  - Direction of Rotation: Clockwise, seen on rotor
  - Mode of Operation: S1
  - Operation Temperature: -40 C ~ +65 C
  - Type of Protection: IP54
  - Insulation Class: F
  - Bearing: Maintenance-free ball bearings
- CE RoHS BSCI ISO ENEC LVD

Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2D315-138NT-12 | 380         | 50             | 800       | 1.5         | 2750        | 3605            | 927               | 84            | /         | ①     |



LWBA-315 Series

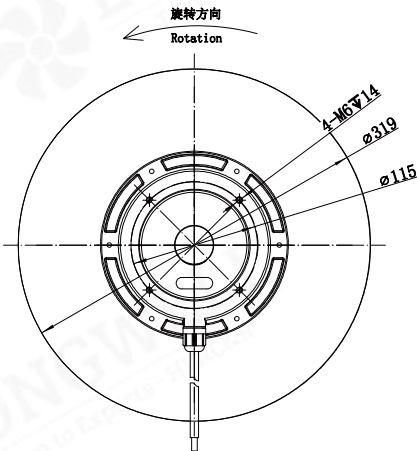
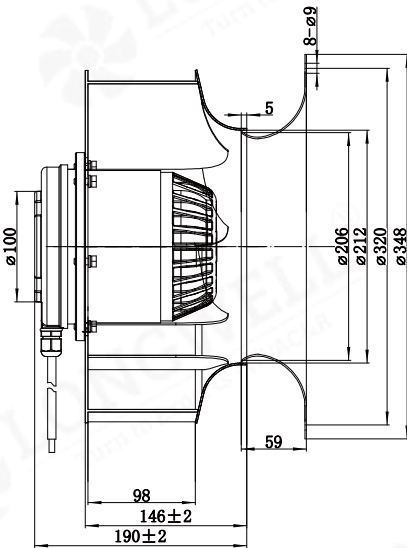


Product Characteristic

- Impeller Material: Aluminum Alloy
  - Direction of Rotation: Clockwise, seen on rotor
  - Mode of Operation: S1
  - Operation Temperature: -40 C ~ +65 C
  - Type of Protection: IP54
  - Insulation Class: F
  - Bearing: Maintenance-free ball bearings
- CE RoHS BSCI ISO ENEC LVD

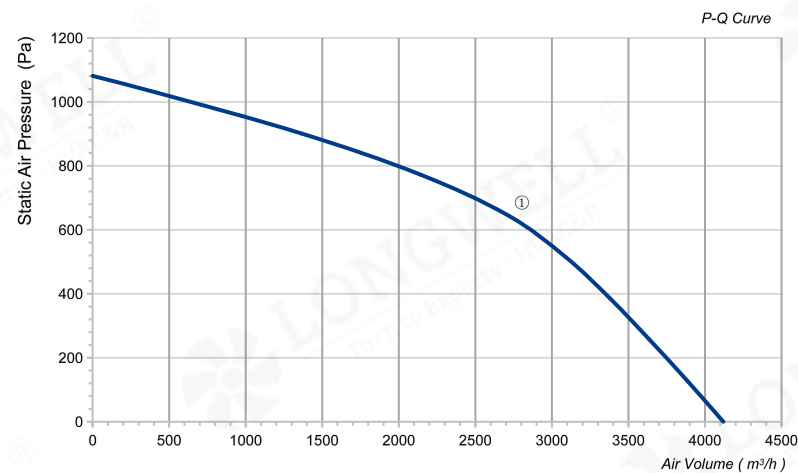
Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4E315-138NS-13 | 230         | 50             | 220       | 1.2         | 1450        | 2318            | 371               | 64            | 10uF      | ①     |
| LWBA4E315-138NS-14 | 230         | 60             | 300       | 1.5         | 1650        | 2781            | 515               | 68            | 10uF      | ②     |
| LWBA4D315-138NT-15 | 380         | 50             | 220       | 0.65        | 1450        | 2318            | 371               | 64            | /         | ①     |
| LWBA4D315-138NT-16 | 380         | 60             | 300       | 0.7         | 1650        | 2781            | 515               | 68            | /         | ②     |





## LWBA-315 Series



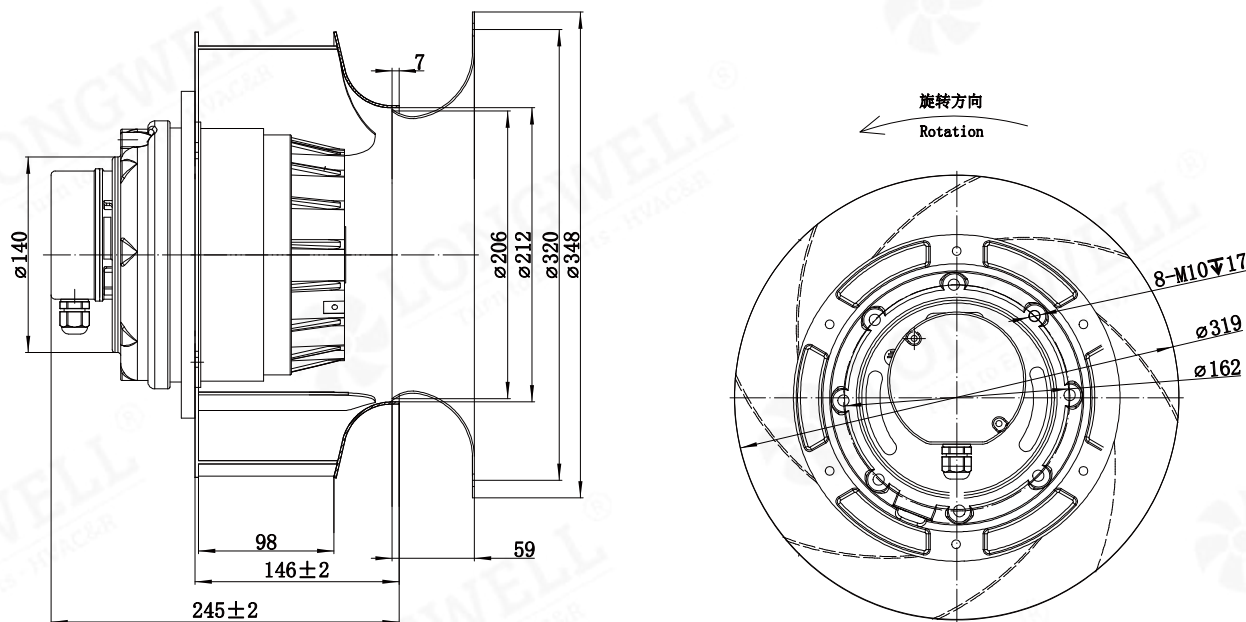
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

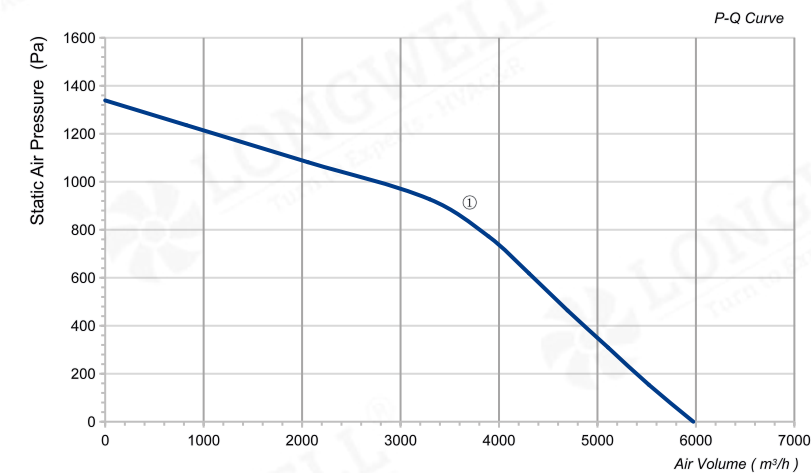


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2D315-188NT-17 | 380         | 50             | 1300      | 2           | 2650        | 4120            | 1082              | 85            | /         | ①     |



## LWBA-355 Series



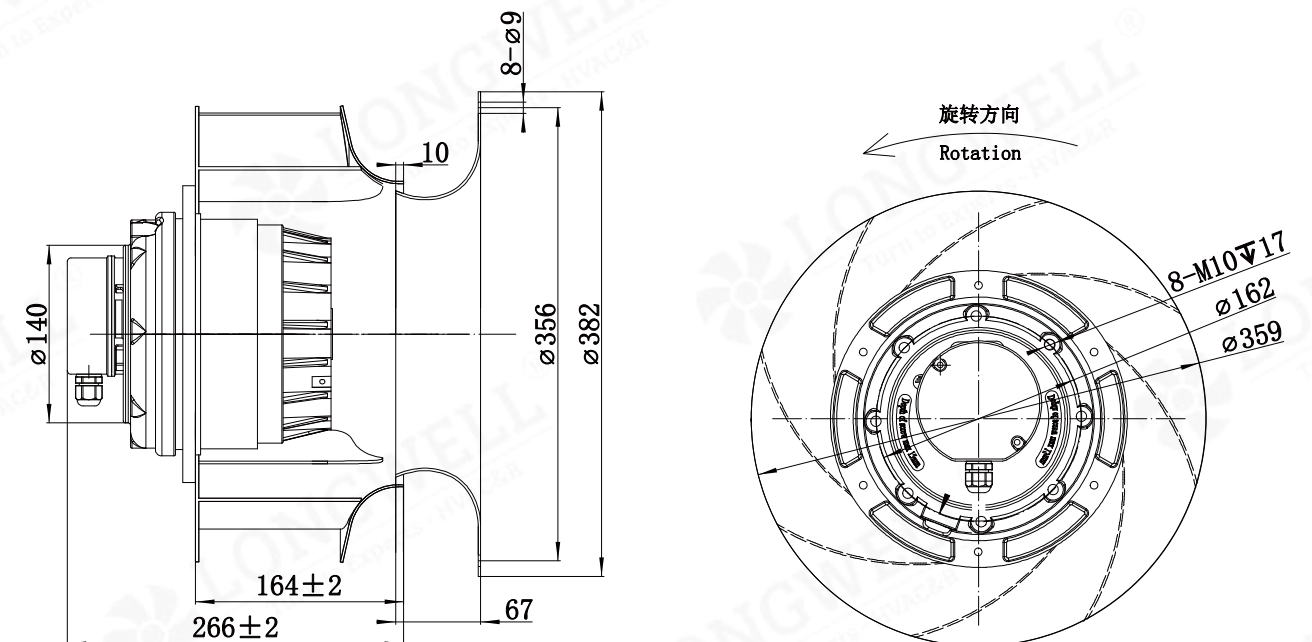
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings



### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2D355-188NT-18 | 380         | 50             | 2500      | 4           | 2700        | 5974            | 1339              | 90            | /         | ①     |



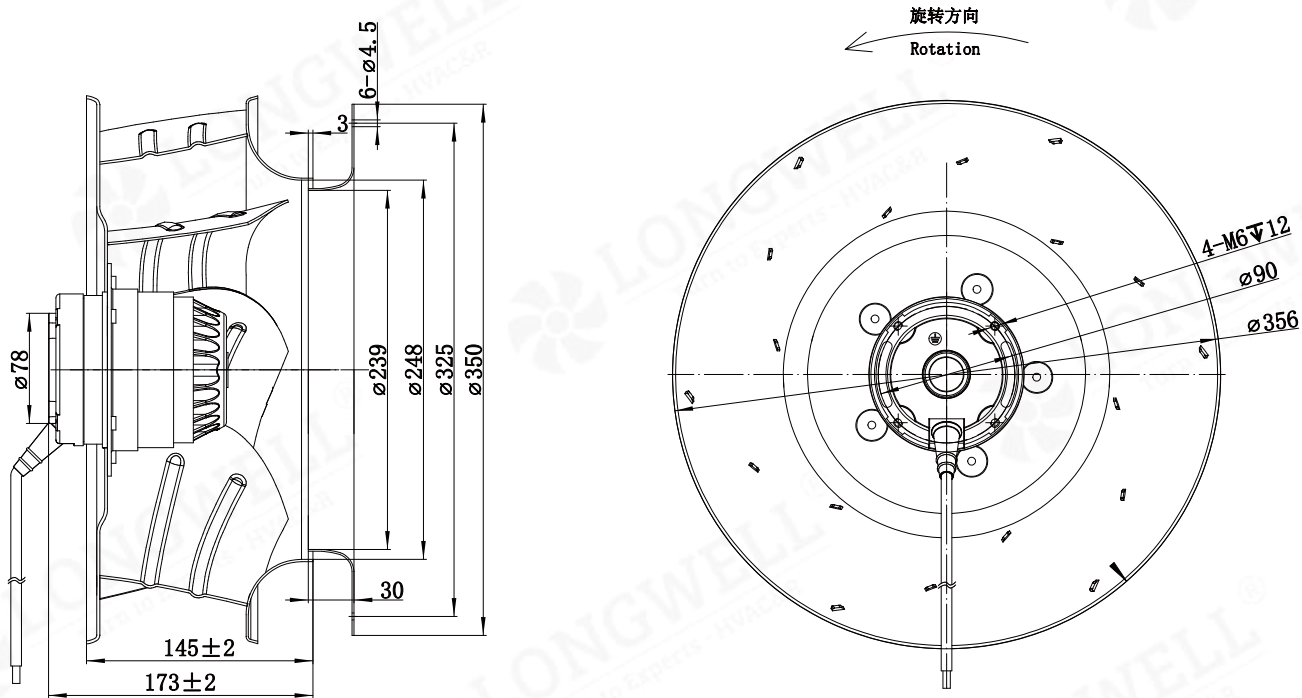
# LWBA-355 Series

## Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise,seen on rotor
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 C



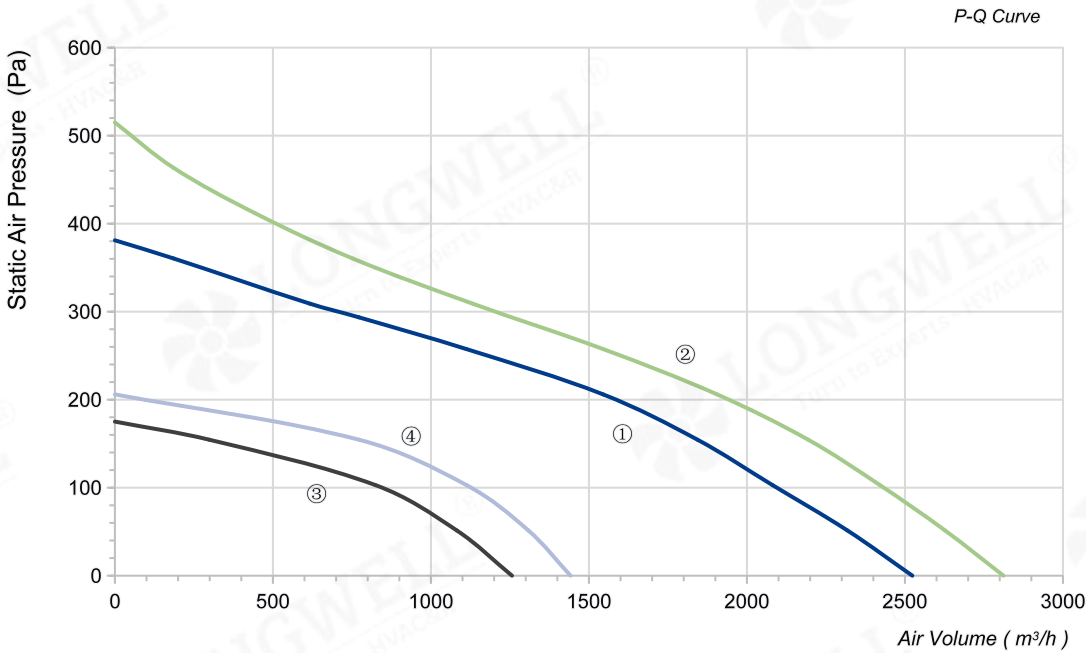
## Product Drawing (mm)



## Technical Specifications

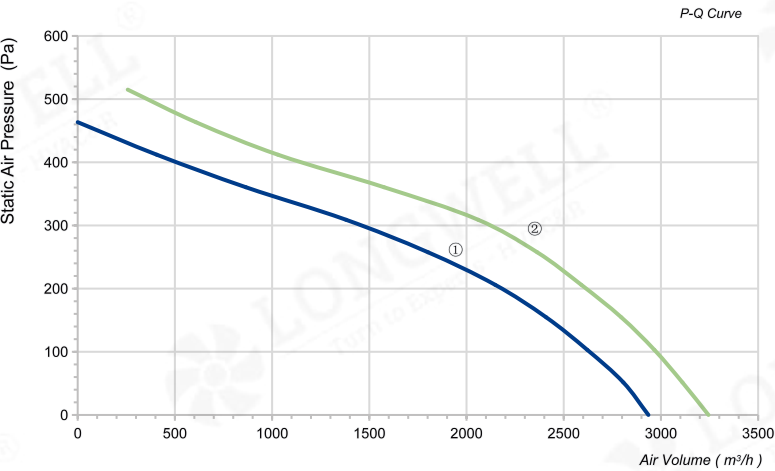
| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4E355-102NS-01 | 230         | 50             | 165       | 0.75        | 1400        | 2524            | 381               | 63            | 6uF       | ①     |
| LWBA4E355-102NS-02 | 230         | 60             | 245       | 1.2         | 1460        | 2812            | 515               | 65            | 6uF       | ②     |
| LWBA6E355-102NS-03 | 230         | 50             | 100       | 0.46        | 930         | 1257            | 175               | 60            | 4uF       | ③     |
| LWBA6E355-102NS-04 | 230         | 60             | 130       | 0.5         | 1080        | 1442            | 206               | 61            | 4uF       | ④     |
| LWBA4D355-102NT-05 | 380         | 50             | 170       | 0.46        | 1400        | 2524            | 381               | 63            | /         | ①     |
| LWBA4D355-102NT-06 | 380         | 60             | 250       | 0.48        | 1500        | 2812            | 515               | 65            | /         | ②     |

## Flow Rate Curve





LWBA-355 Series

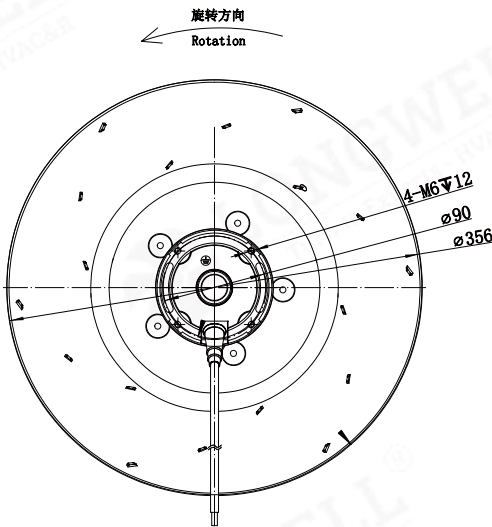
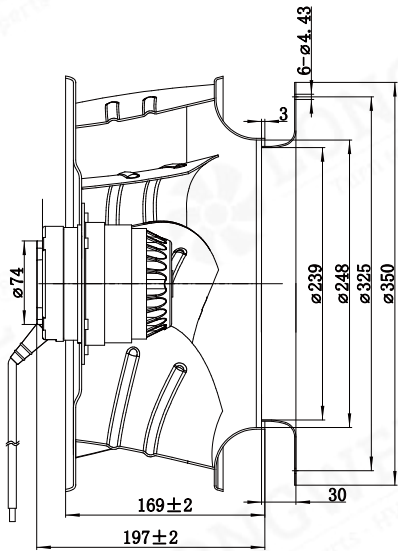


Product Characteristic

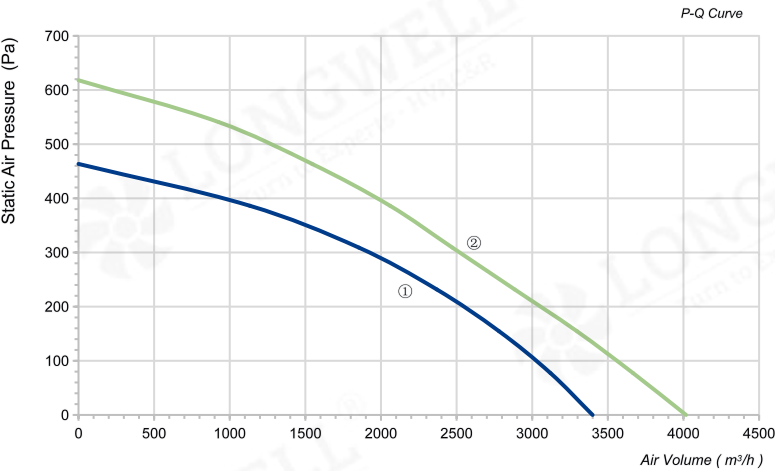
- Impeller Material: Aluminum Alloy
  - Direction of Rotation: Clockwise,seen on rotor
  - Mode of Operation: S1
  - Operation Temperature: -40 C ~+65 C
- Type of Protection: IP54
  - Insulation Class: F
  - Bearing: Maintenance-free ball bearings
- 

Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4E355-102NS-07 | 230         | 50             | 210       | 1           | 1350        | 2936            | 464               | 65            | 7uF       | ①     |
| LWBA4E355-102NS-08 | 230         | 60             | 280       | 1.35        | 1550        | 3245            | 515               | 67            | 6uF       | ②     |
| LWBA4D355-102NT-09 | 380         | 50             | 200       | 0.53        | 1380        | 2936            | 464               | 65            | /         | ①     |
| LWBA4D355-102NT-10 | 380         | 60             | 270       | 0.55        | 1600        | 3245            | 515               | 67            | /         | ②     |



LWBA-355 Series

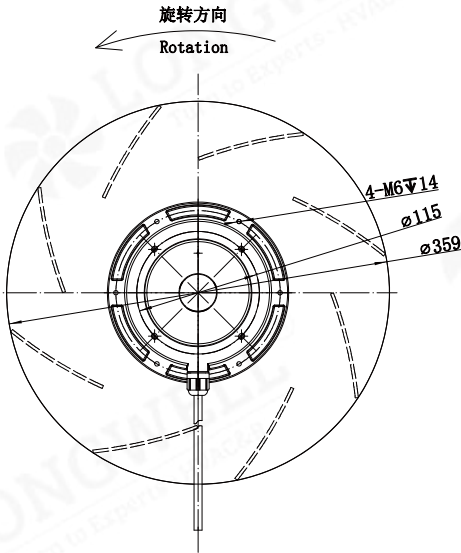
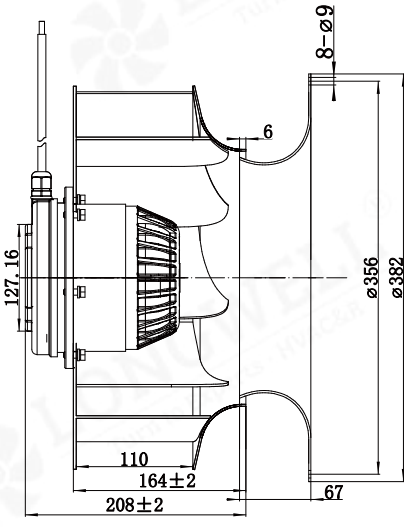


Product Characteristic

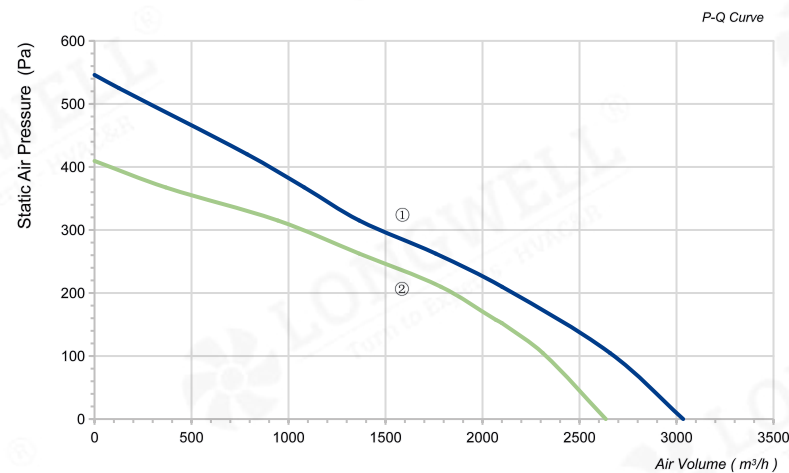
- Impeller Material: Aluminum Alloy
  - Direction of Rotation: Clockwise,seen on rotor
  - Mode of Operation: S1
  - Operation Temperature: -40 C ~+65 C
- Type of Protection: IP54
  - Insulation Class: F
  - Bearing: Maintenance-free ball bearings
- 

Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4D355-138NT-11 | 380         | 50             | 360       | 1           | 1450        | 3399            | 464               | 72            | /         | ①     |
| LWBA4D355-138NT-12 | 380         | 60             | 550       | 1.1         | 1700        | 4017            | 618               | 77            | /         | ②     |
| LWBA4E355-138NS-13 | 230         | 50             | 400       | 2.2         | 1400        | 3399            | 464               | 72            | 12uF      | ①     |
| LWBA4E355-138NS-14 | 230         | 60             | 600       | 2.6         | 1700        | 4017            | 618               | 77            | 12uF      | ②     |



## LWBA-355 Series



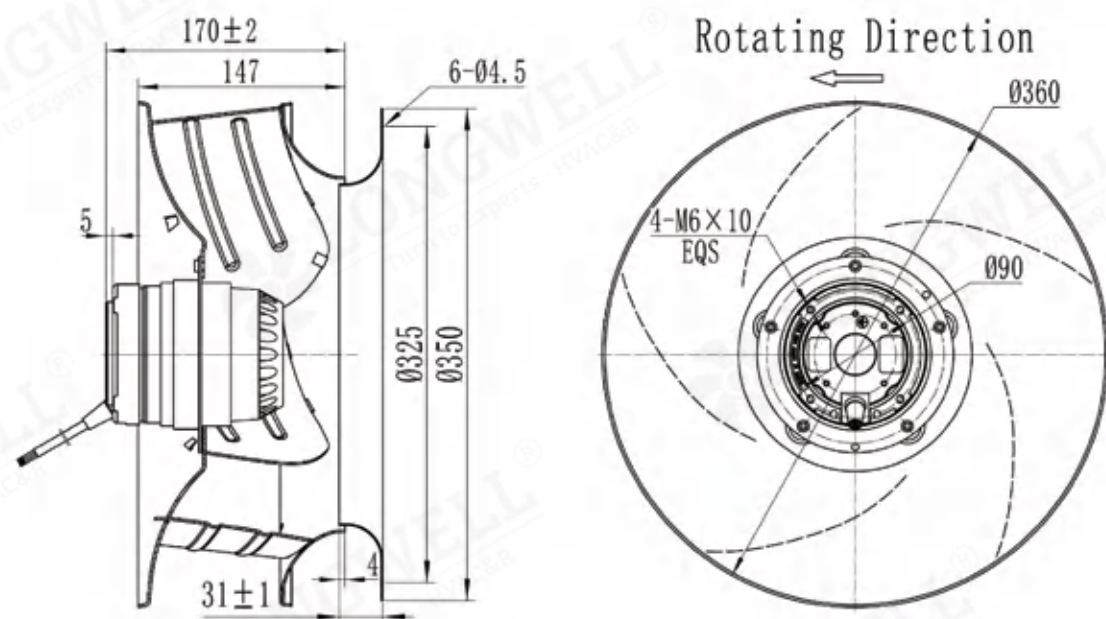
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

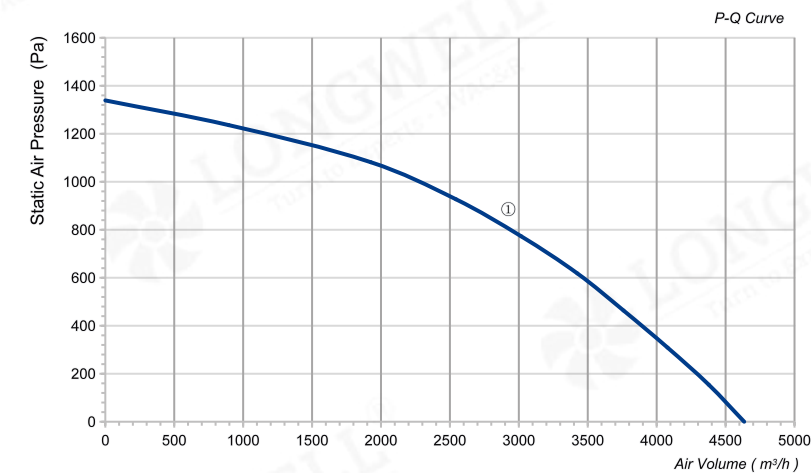


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4E355-102NS-15 | 230         | 60             | 268       | 1.17        | 1635        | 3035            | 546               | 73.8          | 7.5uF     | ①     |
| LWBA4E355-102NS-16 | 230         | 50             | 203       | 0.88        | 1425        | 2636            | 410               | 69.9          | 7.5uF     | ②     |



## LWBA-355 Series



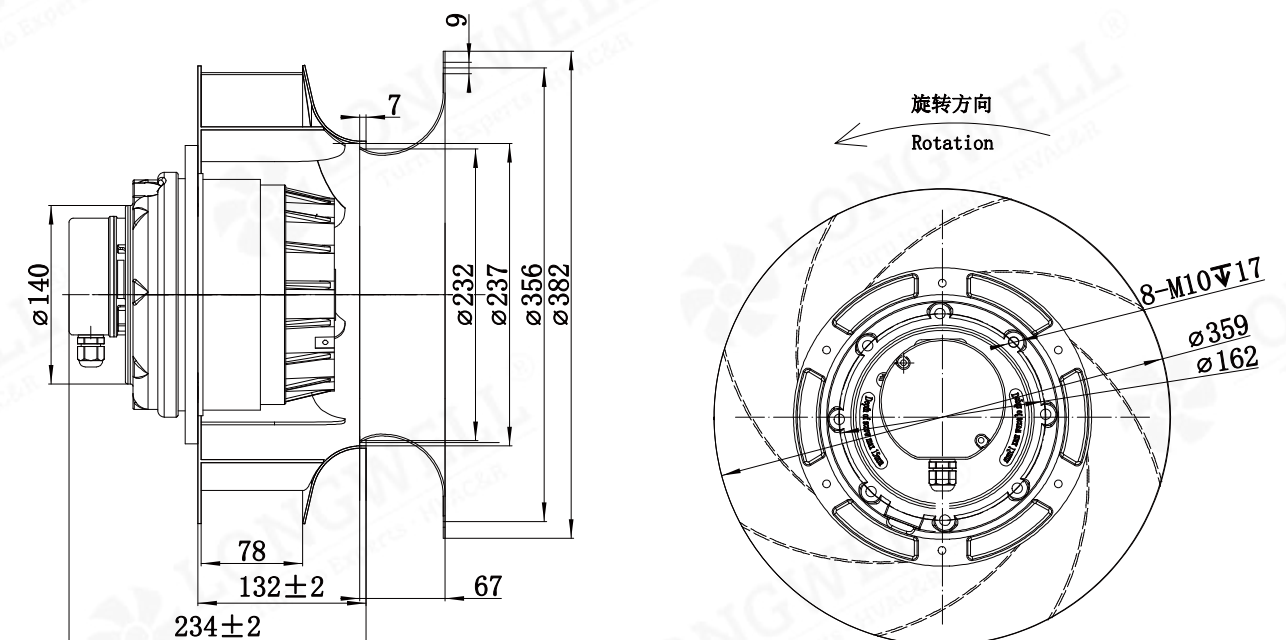
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings



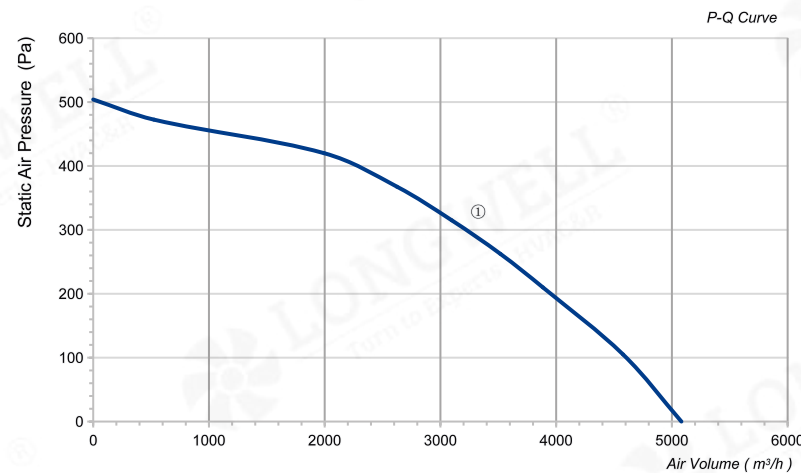
### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA2D355-188NT-17 | 380         | 50             | 1600      | 2.6         | 2700        | 4635            | 1339              | 90            | /         | ①     |





## LWBA-400 Series



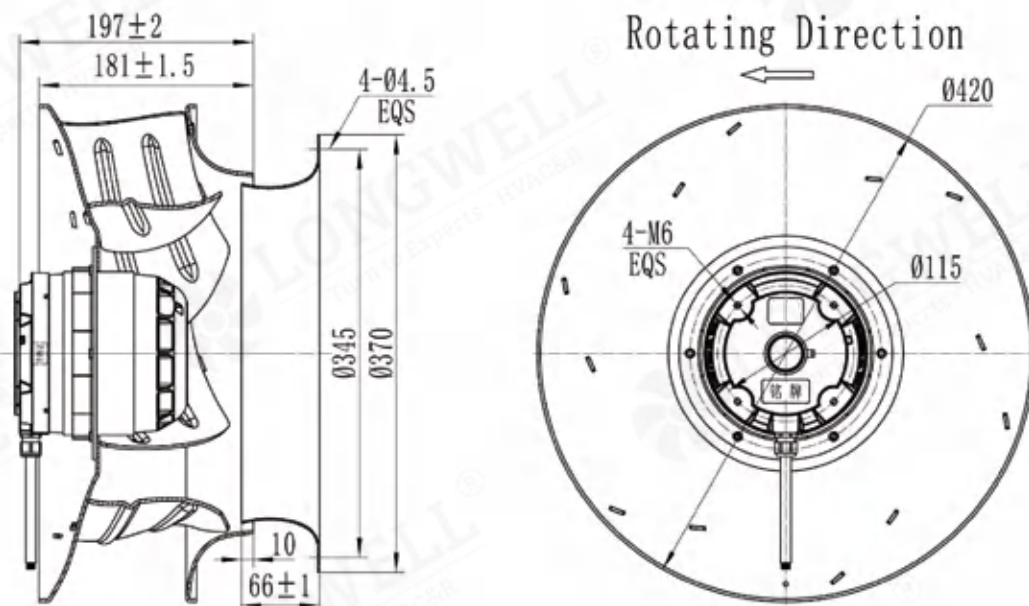
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

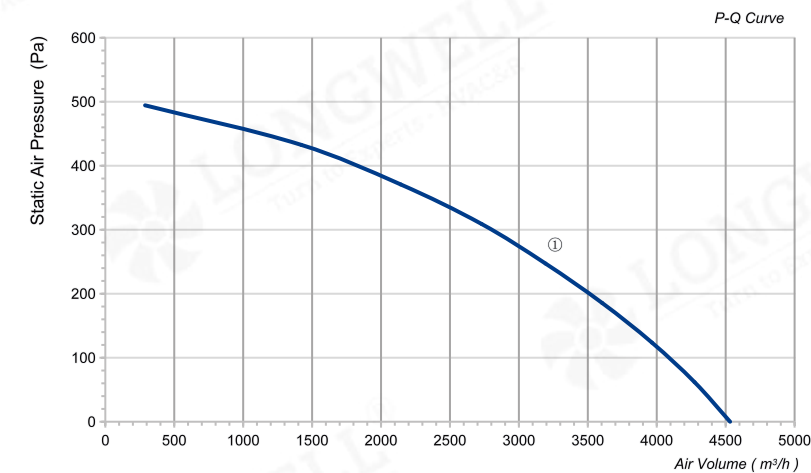


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4D400-138NT-11 | 380         | 50             | 484       | 1.27        | 1400        | 5082            | 504               | 72            | /         | ①     |



## LWBA-400 Series



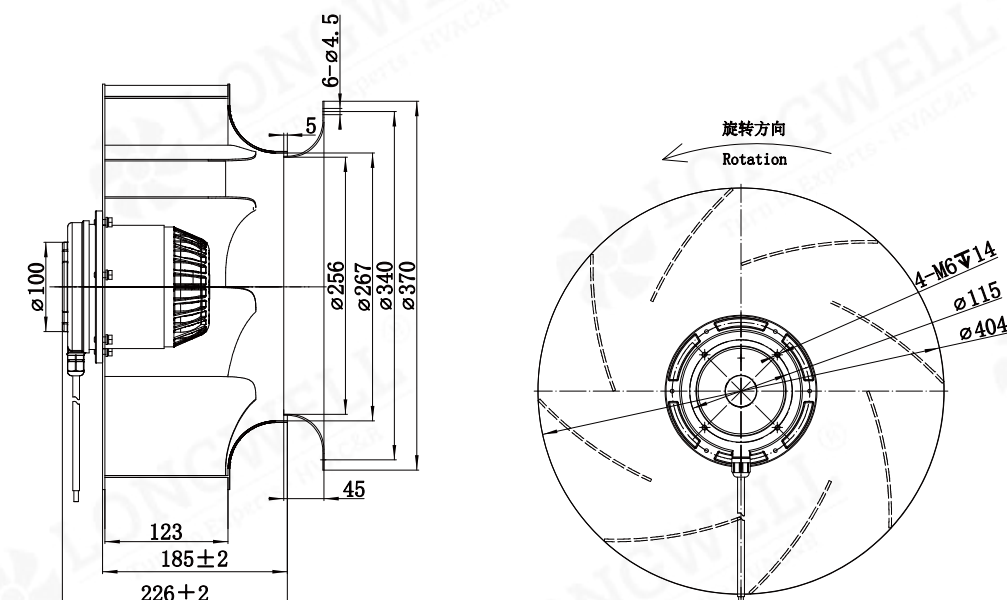
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings



### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4E400-138NS-07 | 230         | 50             | 550       | 2.5         | 1380        | 4532            | 494               | 69            | 10uF      | ①     |
| LWBA4D400-138NT-08 | 380         | 50             | 550       | 1.2         | 1370        | 4532            | 494               | 69            | /         | ①     |



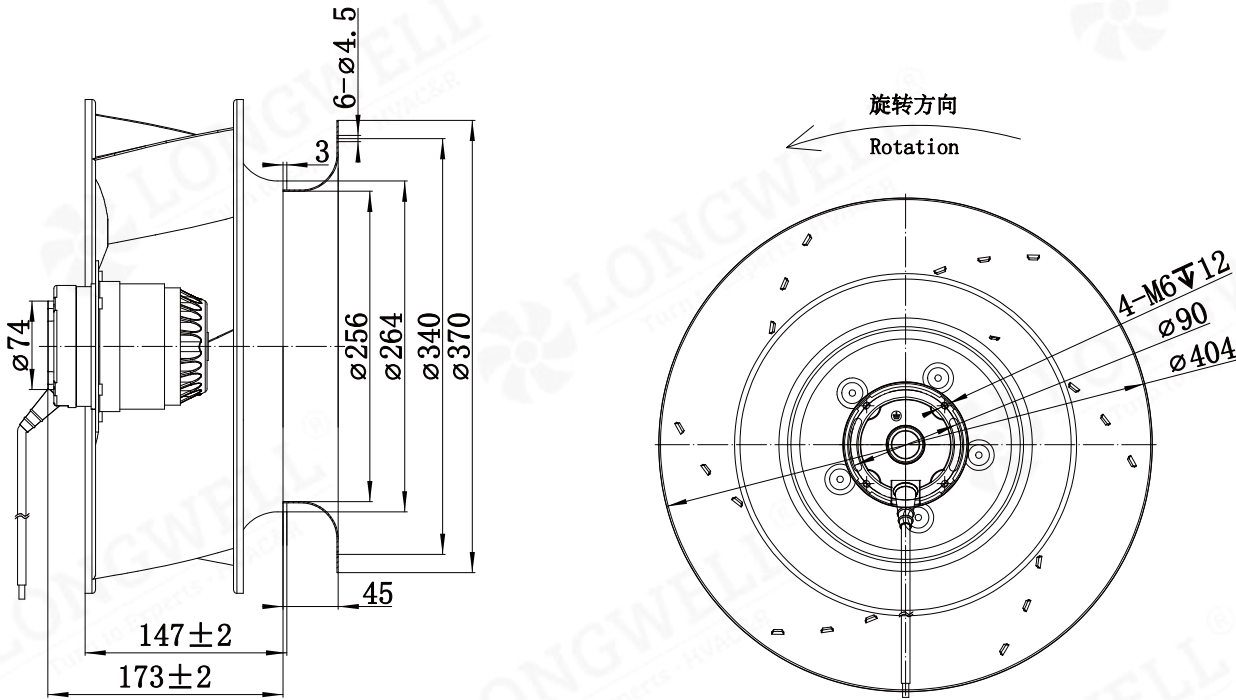
# LWBA-400 Series

## Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise,seen on rotor
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 C



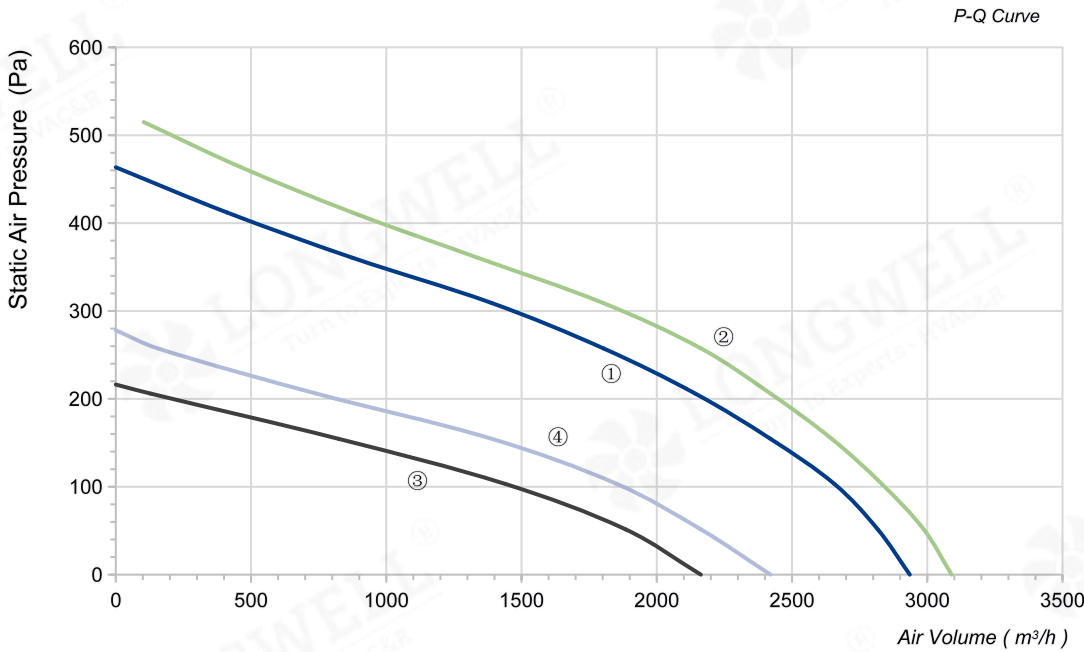
## Product Drawing (mm)



## Technical Specifications

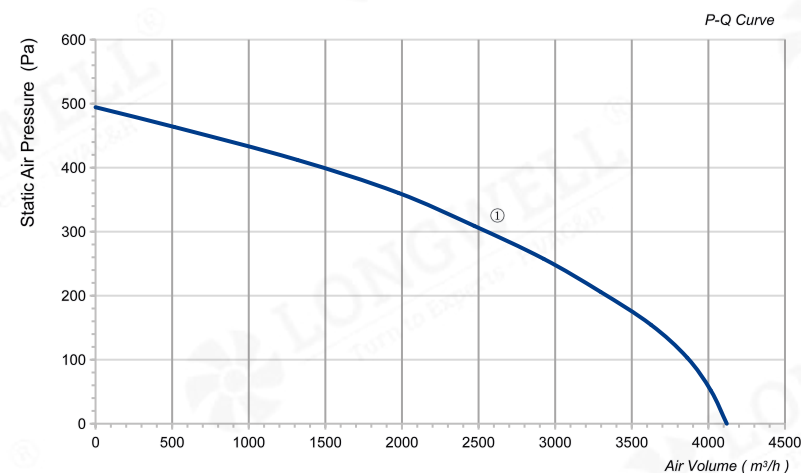
| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4E400-102NS-01 | 230         | 50             | 260       | 1.2         | 1350        | 2936            | 464               | 64            | 7uF       | ①     |
| LWBA4E400-102NS-02 | 230         | 60             | 330       | 1.5         | 1450        | 3090            | 515               | 68            | 6uF       | ②     |
| LWBA4D400-102NT-03 | 380         | 50             | 265       | 0.6         | 1380        | 2936            | 464               | 64            | /         | ①     |
| LWBA4D400-102NT-04 | 380         | 60             | 320       | 0.75        | 1460        | 3090            | 515               | 68            | /         | ②     |
| LWBA6E400-102NS-05 | 230         | 50             | 135       | 0.72        | 940         | 2163            | 216               | 56            | 6uF       | ③     |
| LWBA6E400-102NS-06 | 230         | 60             | 155       | 0.85        | 1050        | 2421            | 278               | 57            | 6uF       | ④     |

## Flow Rate Curve





## LWBA-400 Series



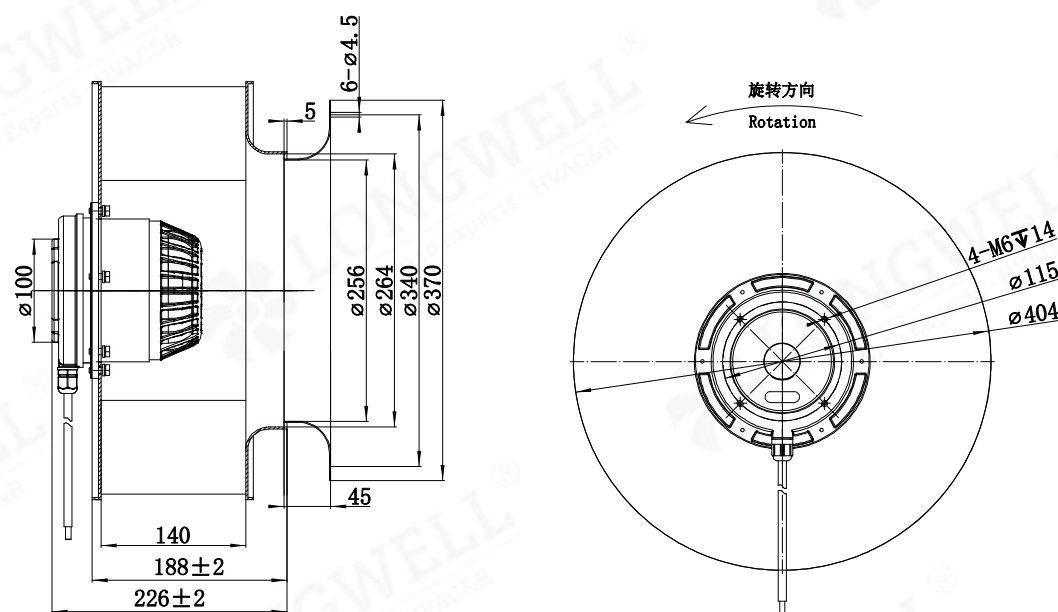
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

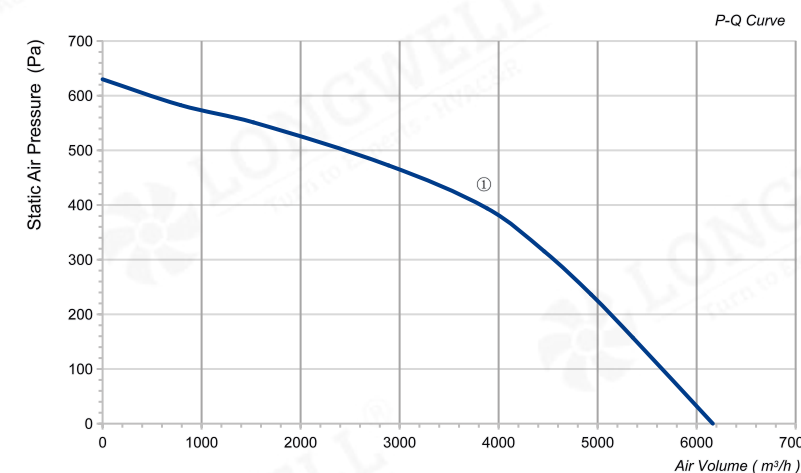


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4E400-138NS-09 | 230         | 50             | 430       | 1.5         | 1380        | 4120            | 494               | 66            | 10uF      | ①     |
| LWBA4D400-138NT-10 | 380         | 60             | 440       | 0.8         | 1380        | 4120            | 494               | 66            | /         | ①     |



## LWBA-450 Series



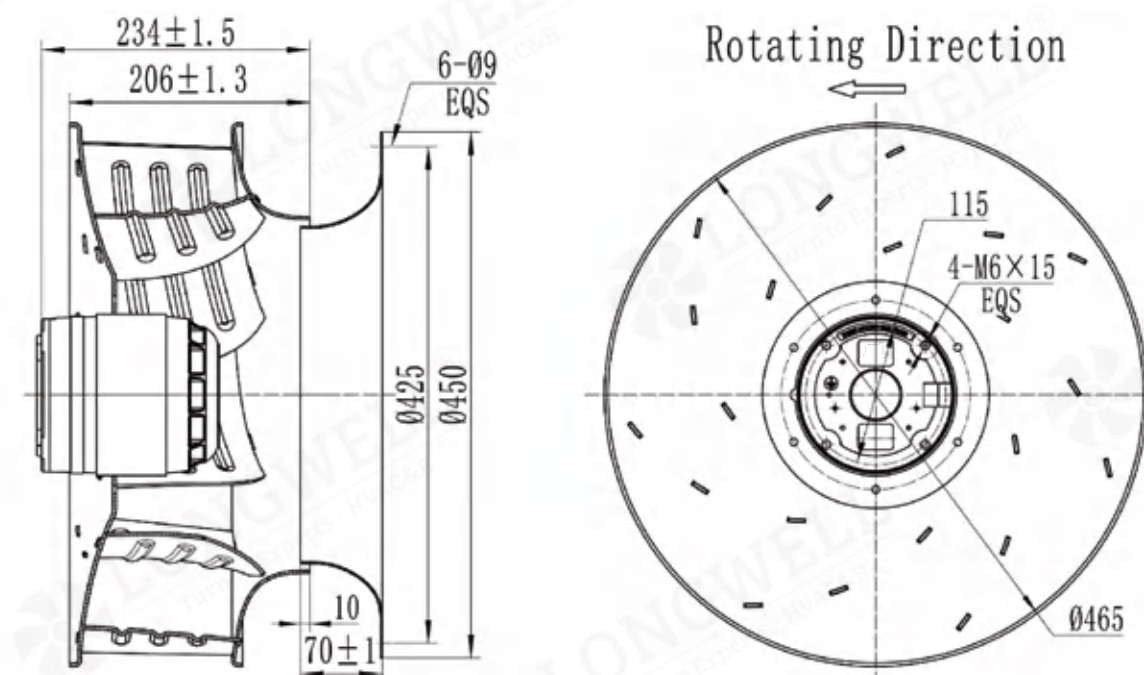
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

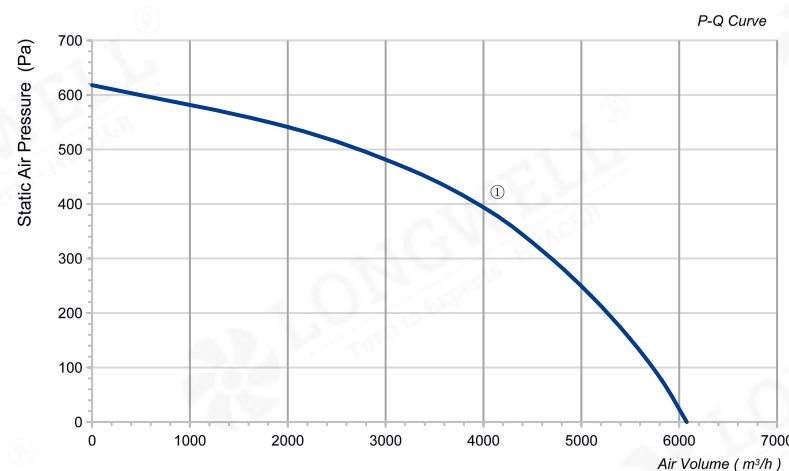


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4D450-138NT-09 | 380         | 50             | 616       | 1.42        | 1395        | 6164            | 630               | 78.8          | /         |       |



## LWBA-450 Series



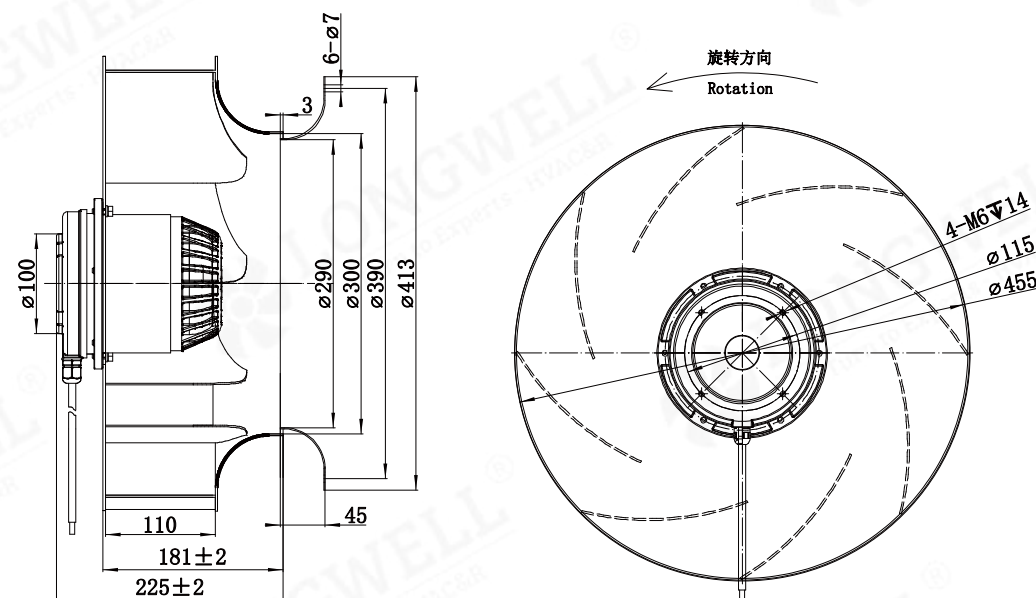
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~ +65 C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

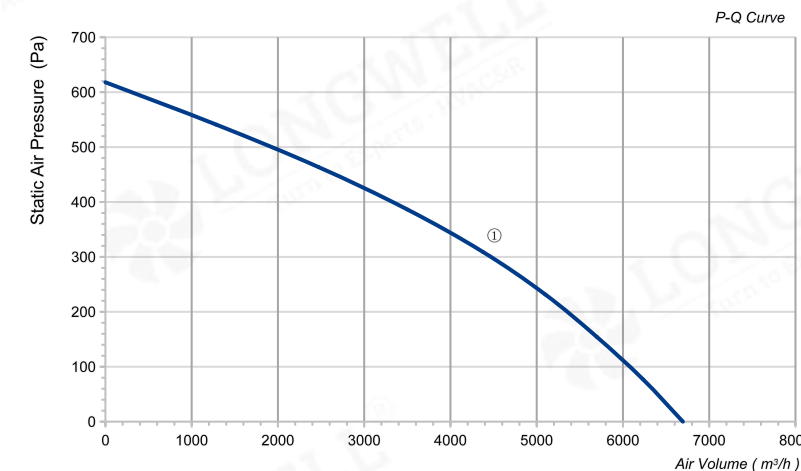


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4D450-138NT-01 | 380         | 50             | 800       | 1.5         | 1350        | 6077            | 618               | 76            | /         | ①     |
| LWBA4E450-138NS-02 | 230         | 50             | 800       | 3.5         | 1350        | 6077            | 618               | 76            | 16uF      | ①     |



## LWBA-450 Series



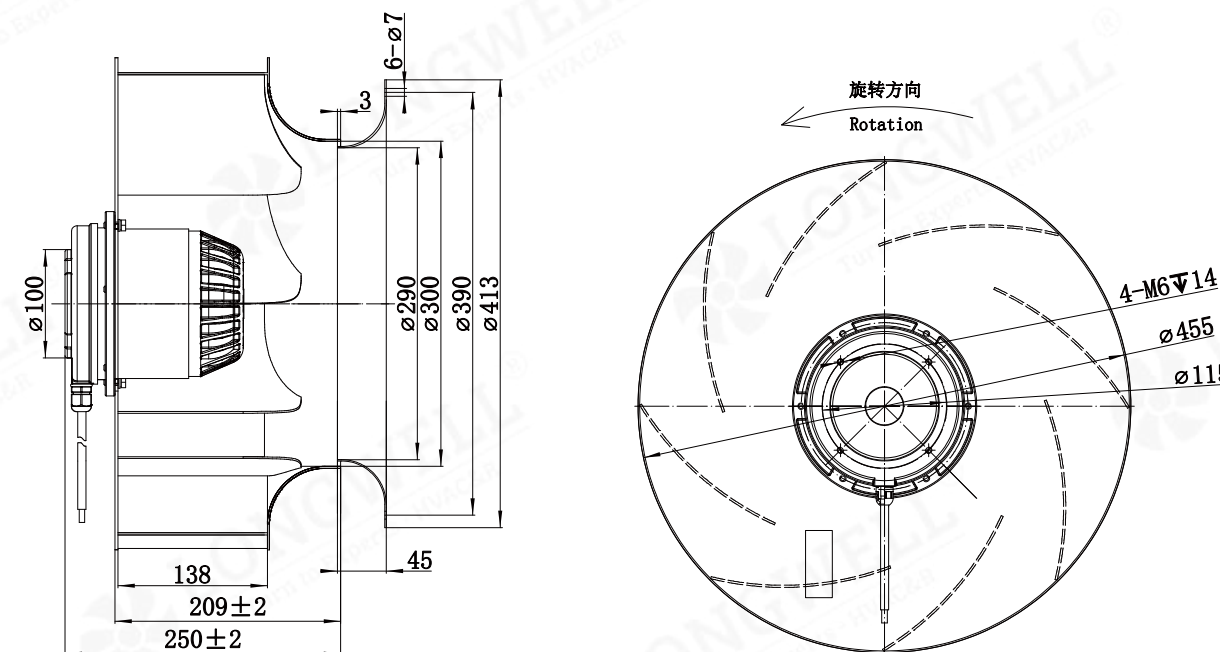
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~ +65 C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings



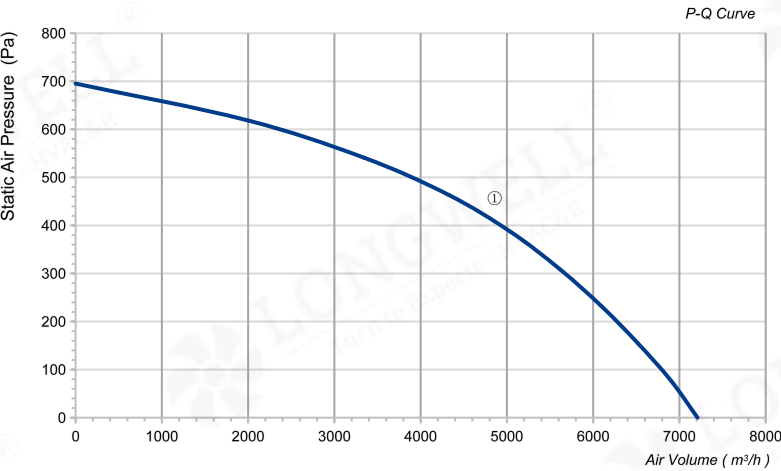
### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4D450-188NT-03 | 380         | 50             | 800       | 1.5         | 1350        | 6695            | 618               | 79            | /         | ①     |





LWBA-450 Series



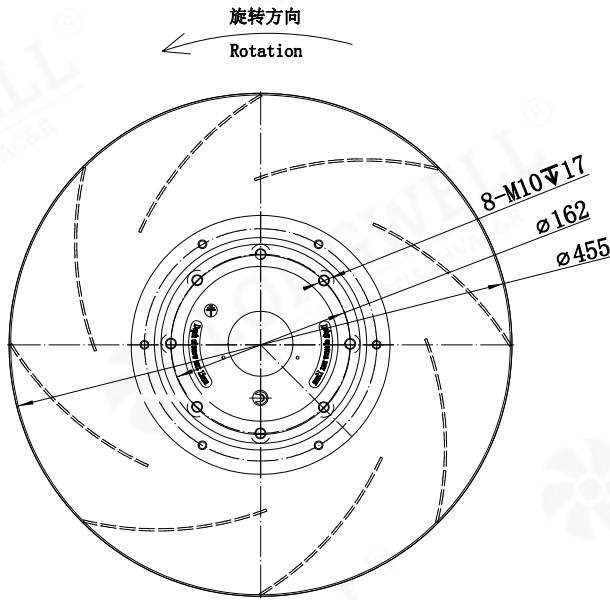
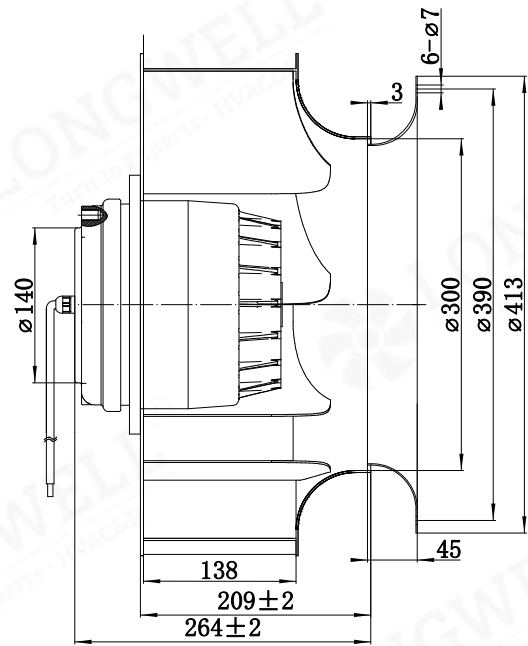
Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~ +65 C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

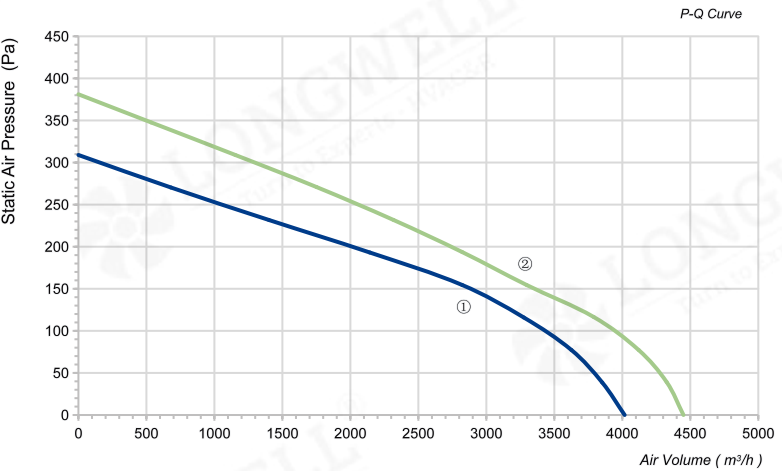


Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4D450-188NT-04 | 380         | 50             | 1100      | 2.5         | 1400        | 7210            | 695               | 82            | /         | ①     |



LWBA-450 Series



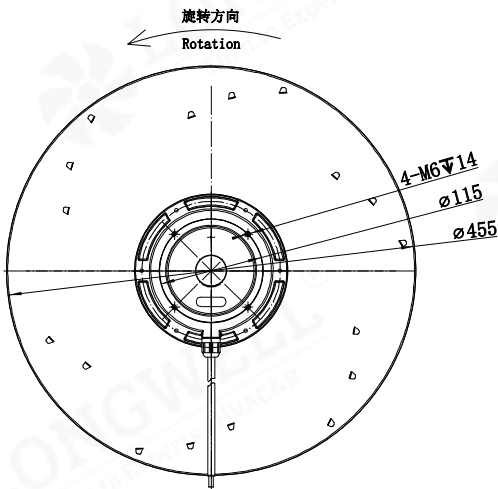
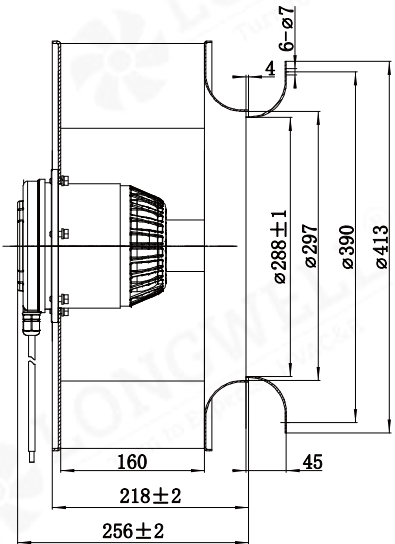
Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~ +65 C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

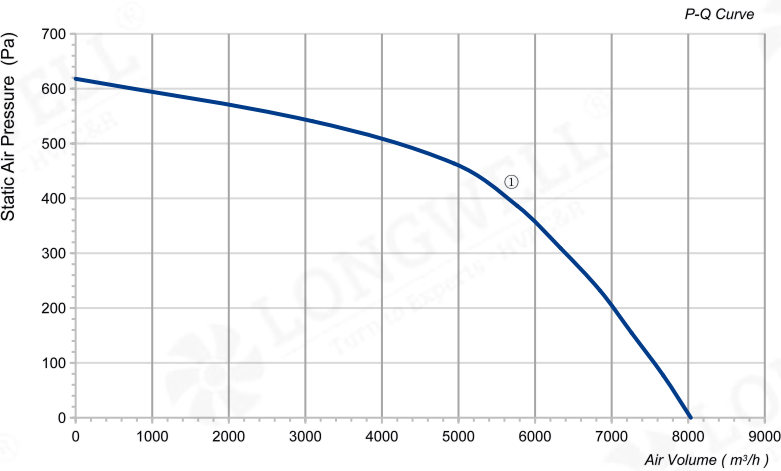


Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA6E450-138NS-05 | 230         | 50             | 260       | 1.3         | 930         | 4017            | 309               | 60            | 10uF      | ①     |
| LWBA6E450-138NS-06 | 230         | 60             | 350       | 1.6         | 1050        | 4450            | 381               | 61            | 10uF      | ②     |
| LWBA6D450-138NT-07 | 380         | 50             | 300       | 1           | 920         | 4017            | 309               | 60            | /         | ①     |
| LWBA4D450-138NT-08 | 380         | 60             | 360       | 1.2         | 1050        | 4450            | 381               | 61            | /         | ②     |



LWBA-500 Series



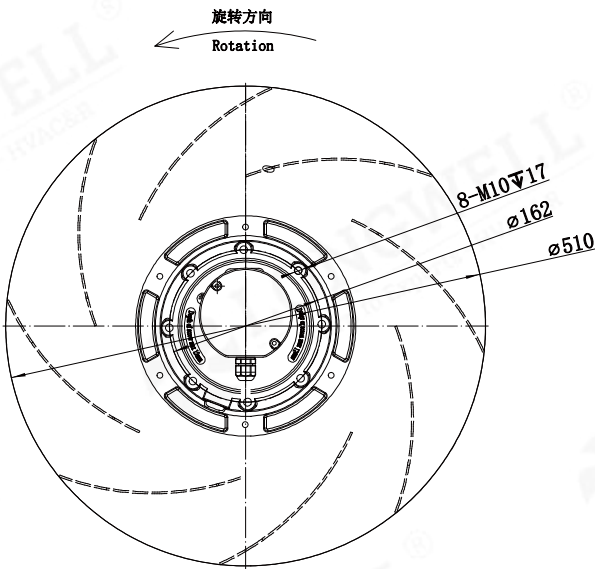
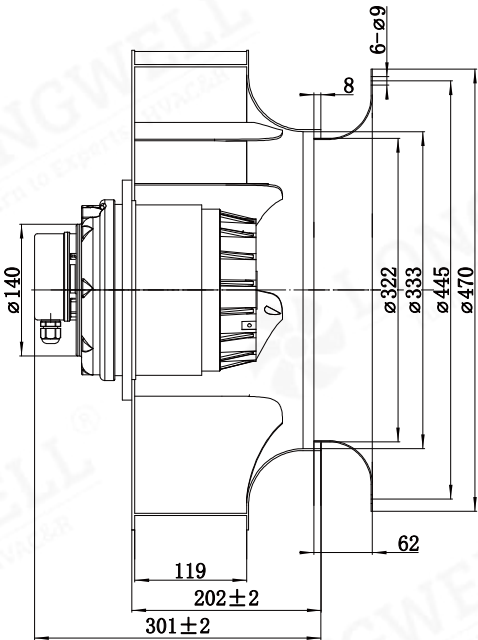
Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~ +65 C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

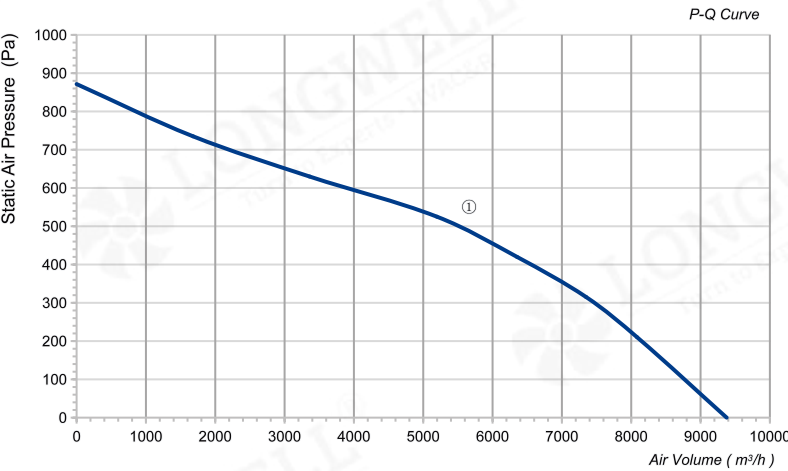


Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4D500-188NT-01 | 380         | 50             | 1000      | 2.1         | 1350        | 8034            | 618               | 79            | /         | ①     |



LWBA-500 Series



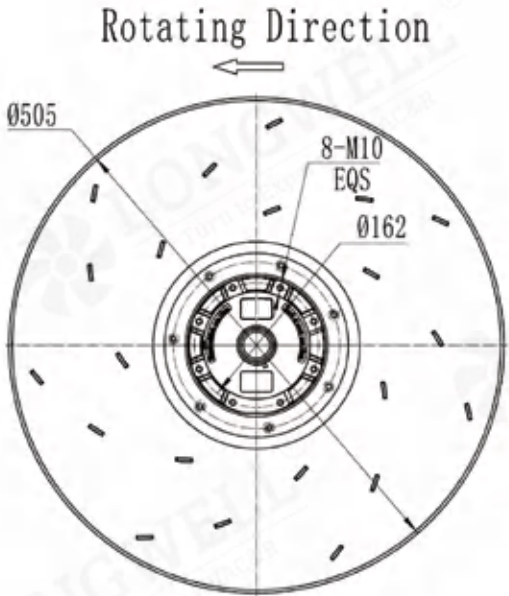
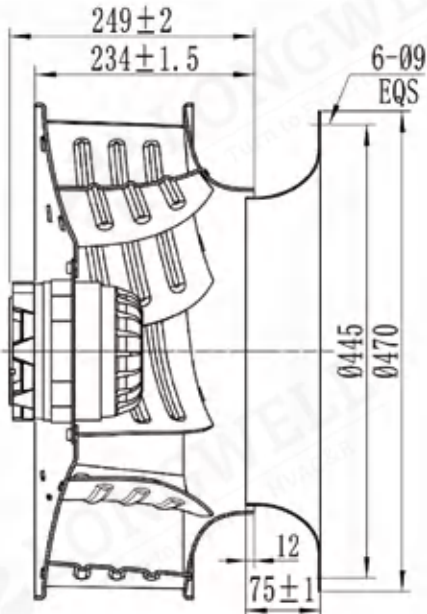
Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~ +65 C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings



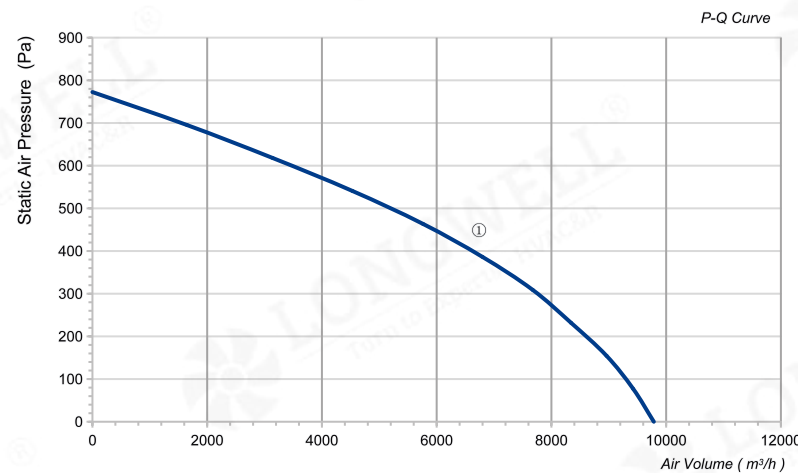
Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4D500-188NT-05 | 380         | 50             | 1300      | 2.6         | 1350        | 9377            | 872               | 81.9          | /         | ①     |





## LWBA-500 Series



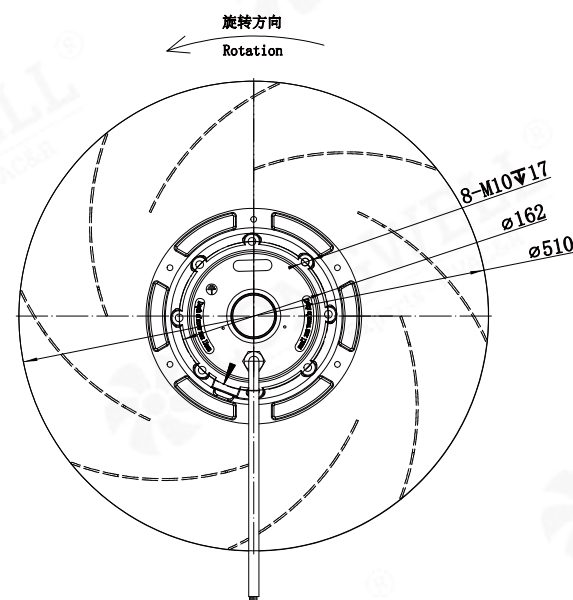
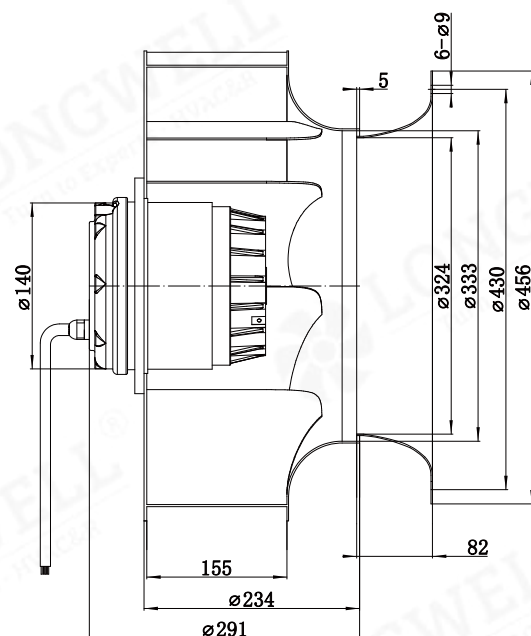
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

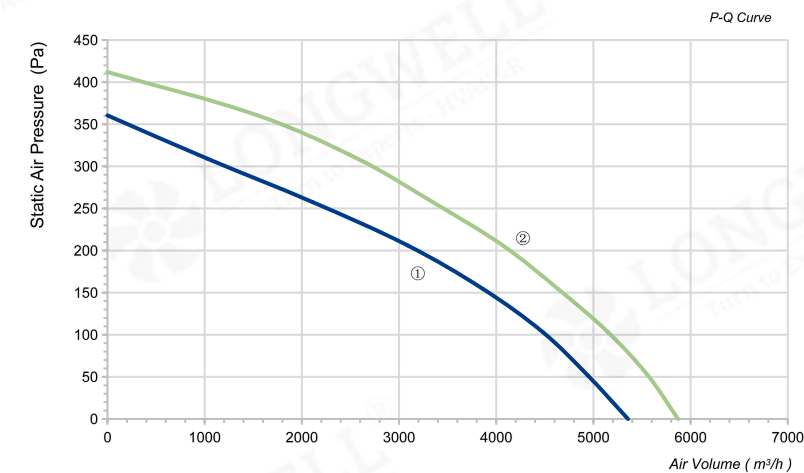


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4D500-188NT-02 | 380         | 50             | 1500      | 2.6         | 1400        | 9785            | 773               | 80            | /         | ①     |



## LWBA-500 Series



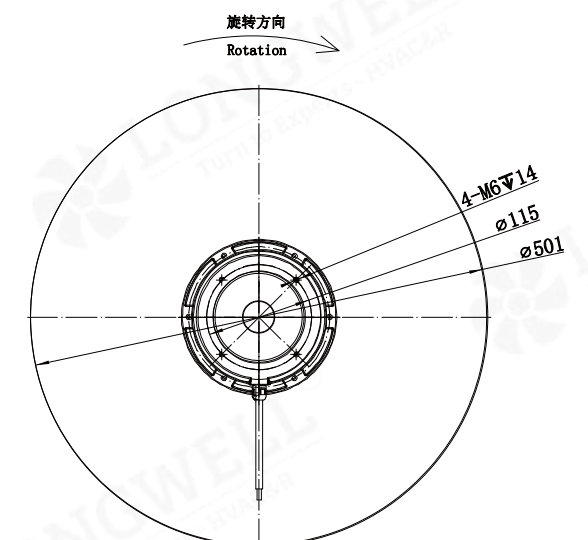
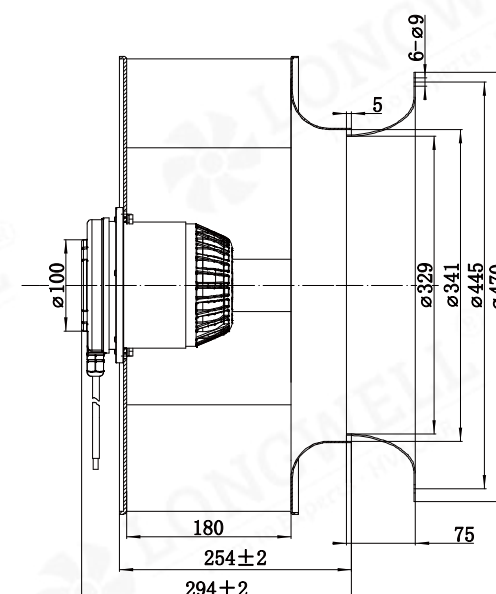
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

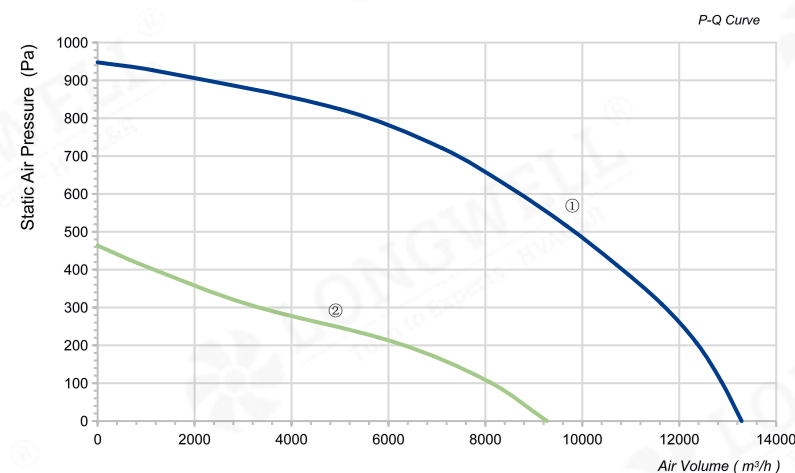


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA6D500-138NT-03 | 380         | 50             | 450       | 1.25        | 950         | 5356            | 361               | 63            | /         | ①     |
| LWBA6D500-138NT-04 | 380         | 60             | 550       | 1.4         | 1050        | 5871            | 412               | 65            | /         | ②     |



## LWBA-560 Series



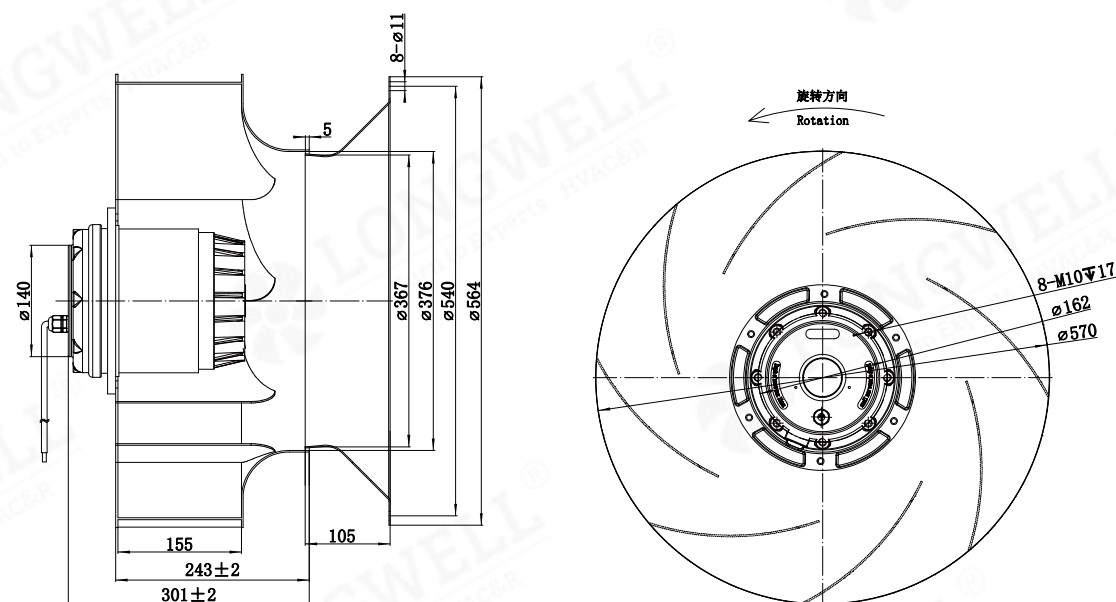
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

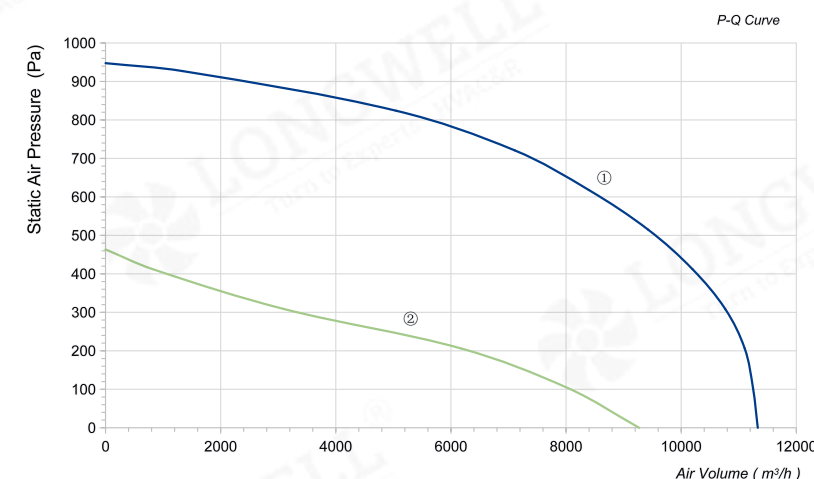


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4D560-188NT-01 | 380         | 50             | 2500      | 4.5         | 1340        | 13287           | 948               | 85            | /         | ①     |
| LWBA6D560-188NT-02 | 380         | 50             | 900       | 1.8         | 910         | 9270            | 464               | 73            | /         | ②     |



## LWBA-560 Series



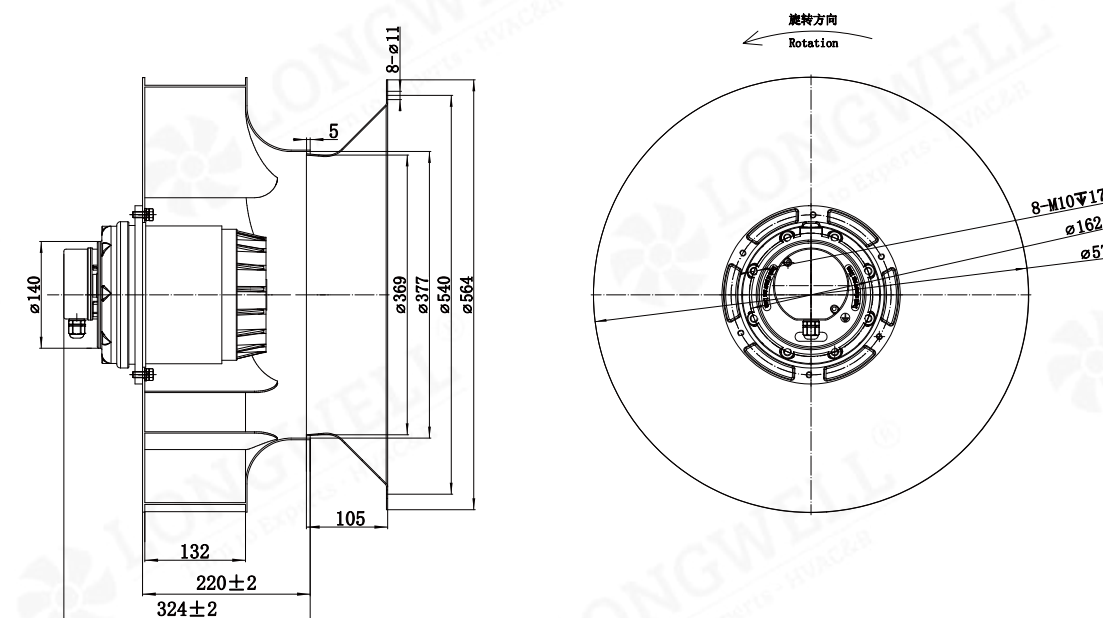
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings



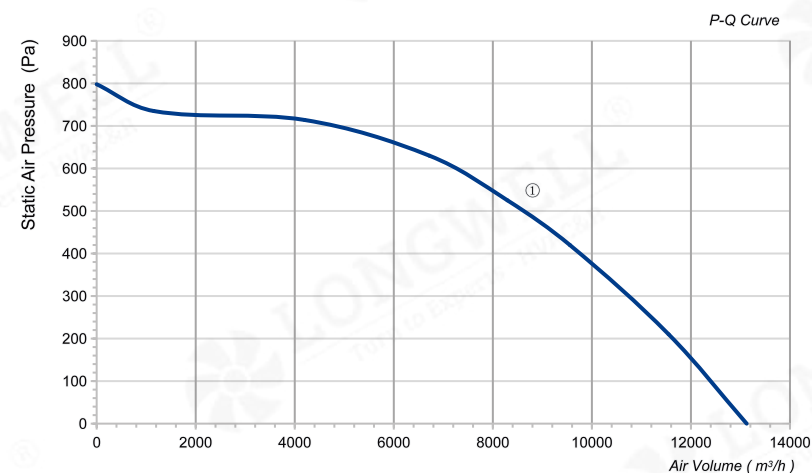
### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4D560-188NT-03 | 380         | 50             | 2500      | 4.5         | 1350        | 11330           | 948               | 85            | /         | ①     |
| LWBA6D560-188NT-04 | 380         | 50             | 900       | 1.8         | 910         | 9270            | 464               | 73            | /         | ②     |





## LWBA-560 Series



**RECOMMEND**

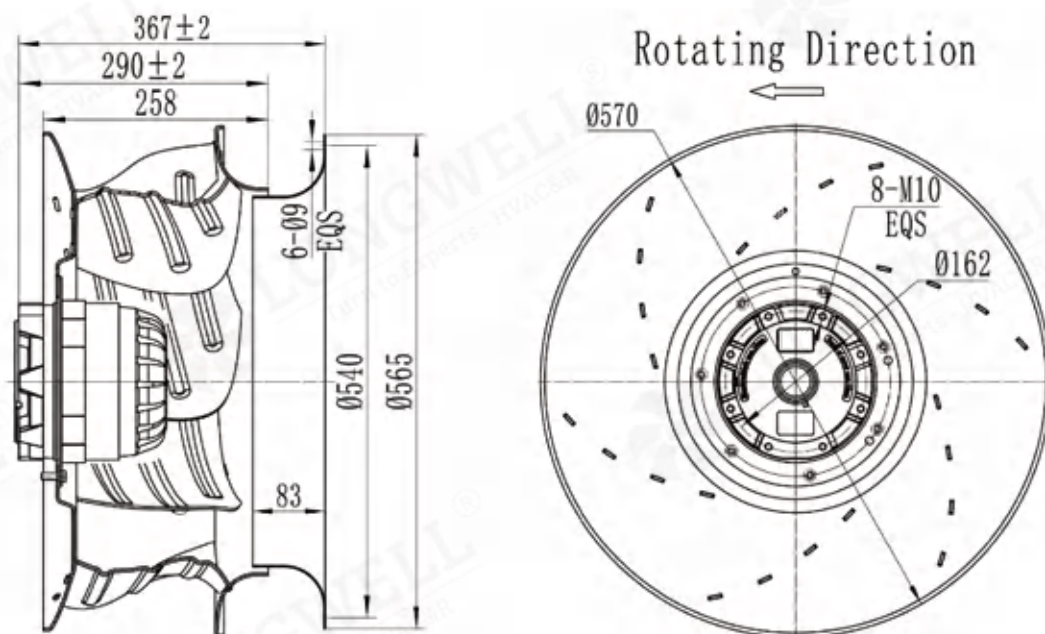
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

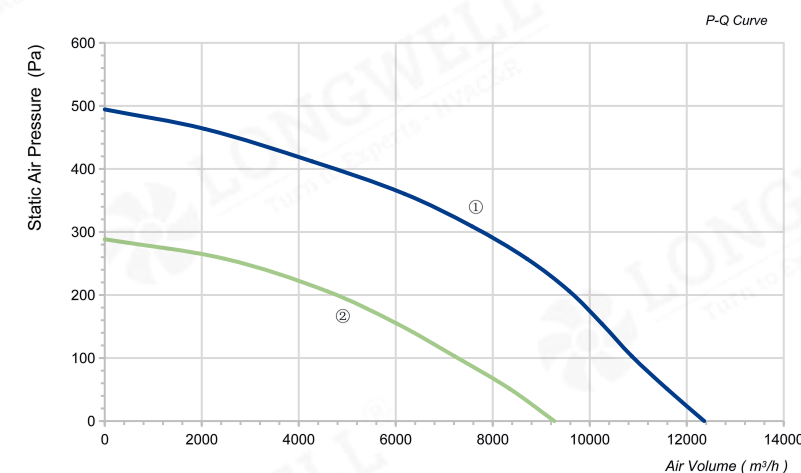


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4D560-188NT-05 | 380         | 50             | 1980      | 3.5         | 1350        | 13125           | 798               | 83.9          | /         | ①     |



## LWBA-630 Series



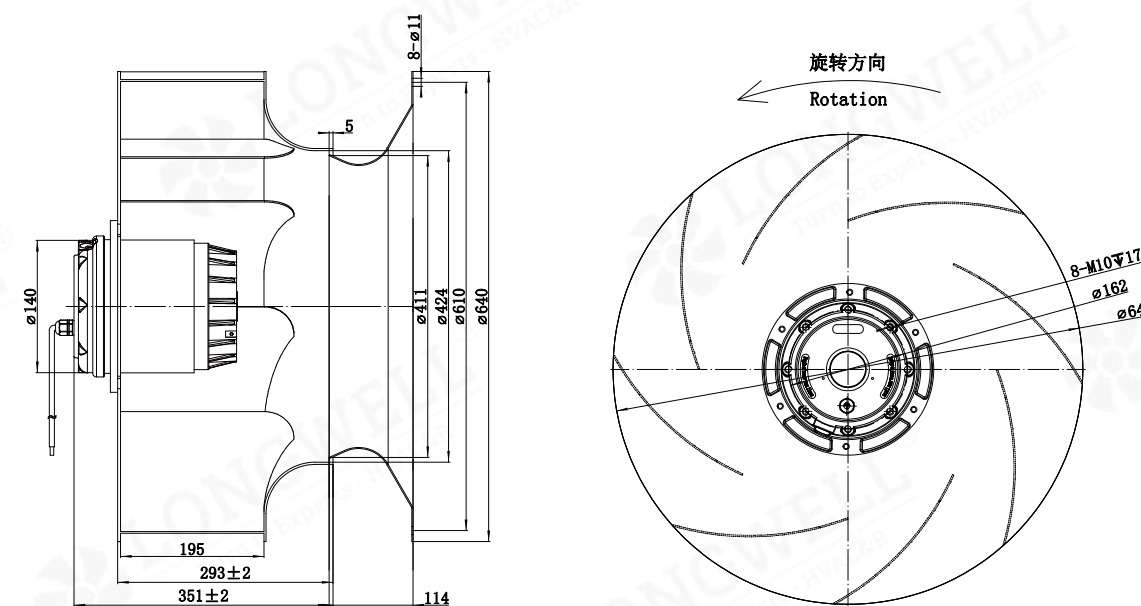
### Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 °C ~ +65 °C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings

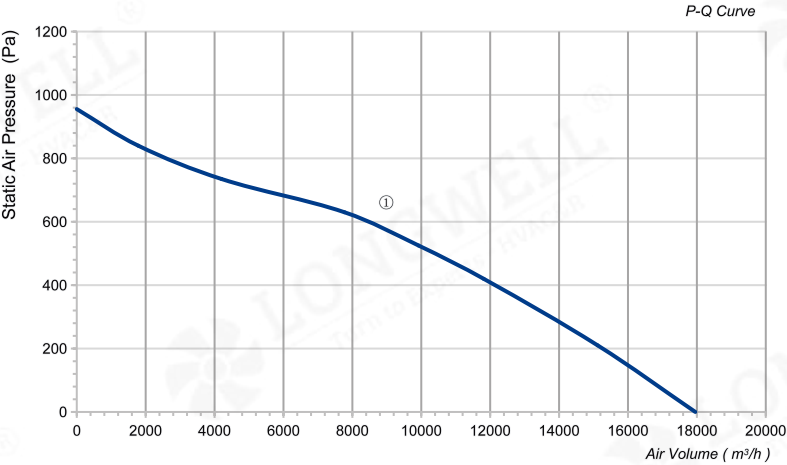


### Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA6D630-188NT-01 | 380         | 50             | 1500      | 3.8         | 900         | 12360           | 494               | 80            | /         | ①     |
| LWBA8D630-188NT-02 | 380         | 50             | 700       | 1.7         | 700         | 9270            | 288               | 72            | /         | ②     |



LWBA-630 Series



Product Characteristic

- Impeller Material: Aluminum Alloy
- Direction of Rotation: Clockwise, seen on rotor
- Mode of Operation: S1
- Operation Temperature: -40 C ~ +65 C
- Type of Protection: IP54
- Insulation Class: F
- Bearing: Maintenance-free ball bearings



Technical Specifications

| Model              | Voltage (V) | Frequency (Hz) | Power (W) | Current (A) | Speed (RPM) | Air Flow (m³/h) | Air Pressure (Pa) | Noise [dB(A)] | Capacitor | Curve |
|--------------------|-------------|----------------|-----------|-------------|-------------|-----------------|-------------------|---------------|-----------|-------|
| LWBA4D630-188NT-03 | 380         | 50             | 3320      | 5.87        | 1210        | 17955           | 956               | 86.9          | /         | ①     |

