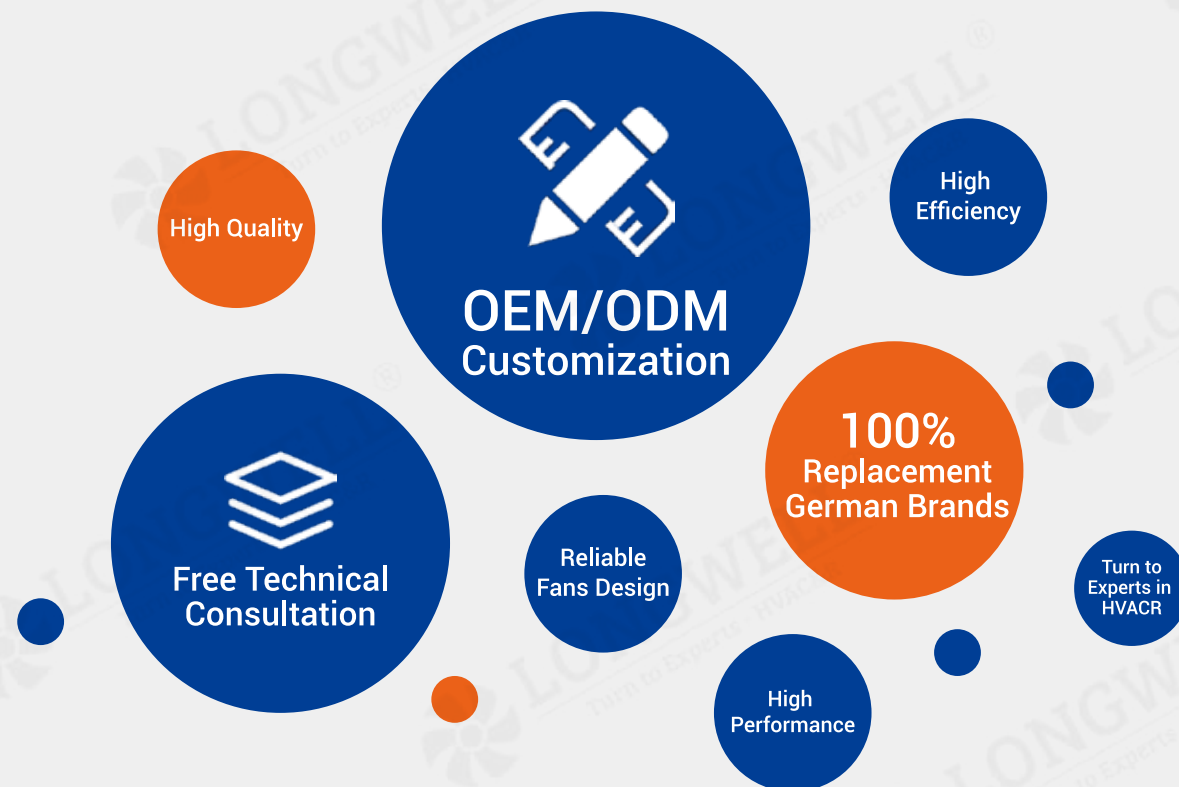


Delivery Premium Quality Fans Globally for Healthier Breathing

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 | www.longwell-group.com | www.longwell-media.com

Email: sales@longwellfans.com



LONGWELL TECHNOLOGY

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



**Professional Manufacturer
of HVACR Fan & Motors**

—— EC Fan with Bracket

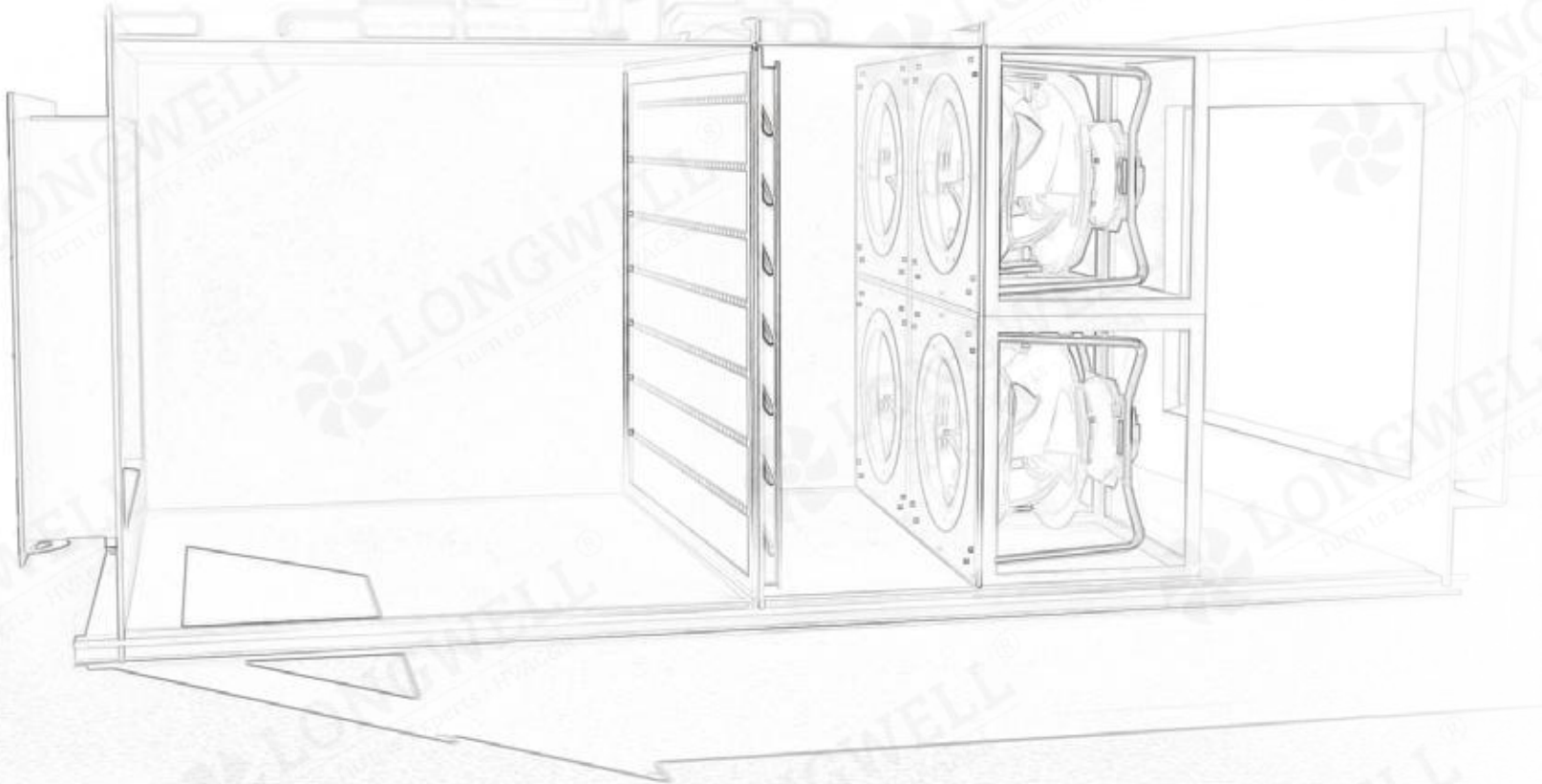
Longwell Group

Longwell-China

Longwell-USA

Longwell-Russia

Longwell-Europe



CATALOGUE

01-02	About Longwell
03-04	Testing and Standards
05-06	Mainly Application
07	Type Code
08-46	EC Fan with Bracket(Φ133-Φ225)
47-94	EC Fan with Bracket(Φ250-Φ450)

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

40000m²

Floor Space

500⁺

Branding Clients

1Million⁺ PCS

Annual Outputs

6

Overseas offices
on spot support

50⁺

Members
R&D Team



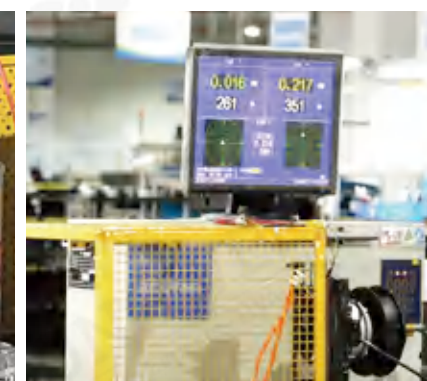
B&K Noise Testing Lab



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



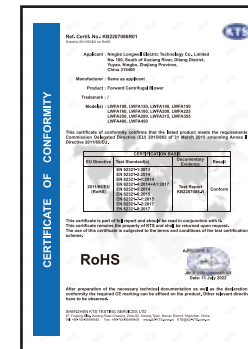
ETL



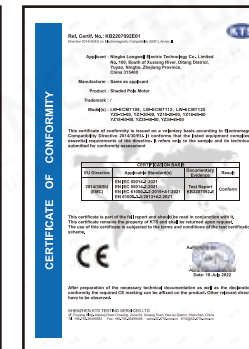
ETL



CE



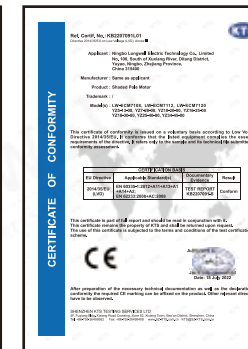
RoHS



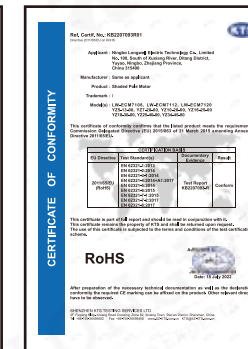
CE



CE



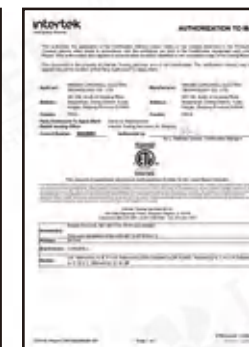
CE



RoHS



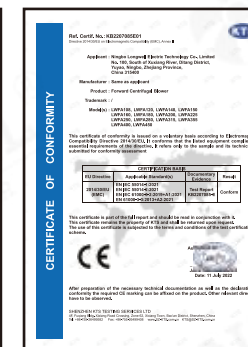
ETL



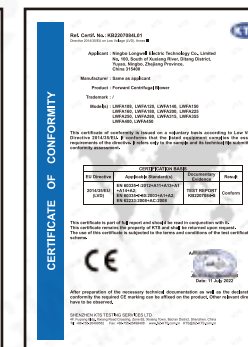
ETL



ETL



CE



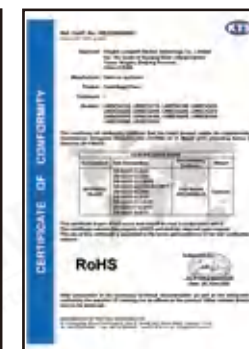
CE



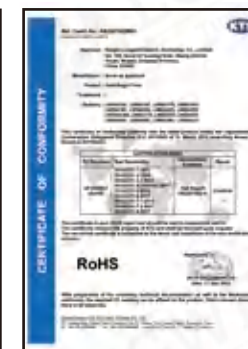
ISO 9001



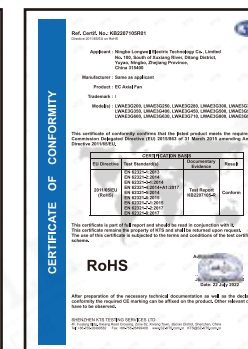
ISO 9001



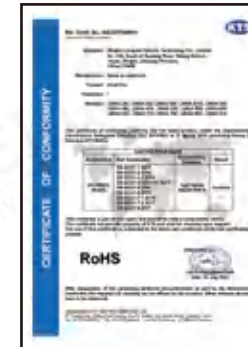
RoHS



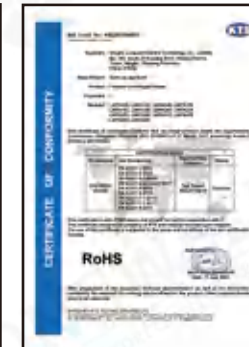
RoHS



RoHS



RoHS



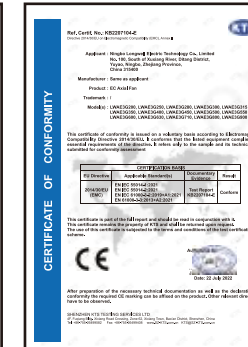
RoHS



CE



CE



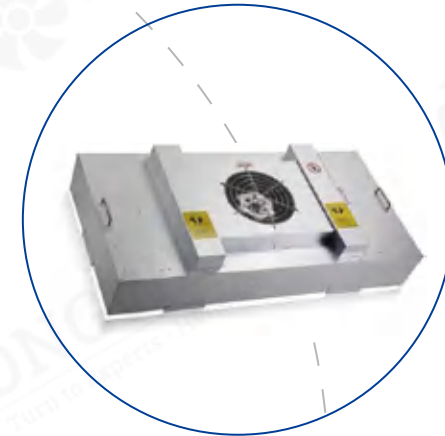
CE

Mainly Application

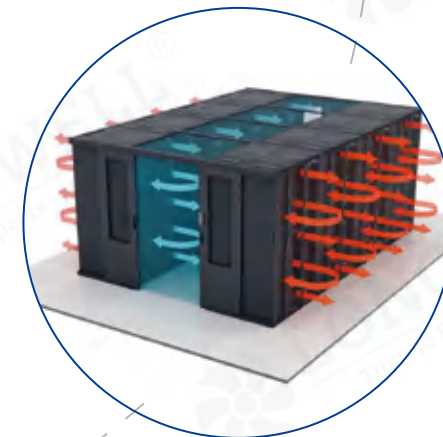
AHU/FCU/FFU/Air Purifier/ Sterilization Equipments/
Humidiifier equipments/EC Fan Grid (Wall)



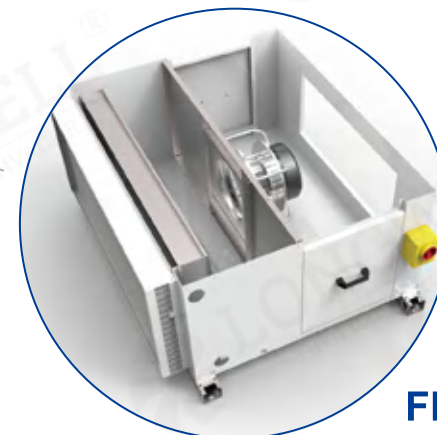
Ventilation Unit Project



FFU(Fan Filter Unit) Project



Data Center Cooling Project



FFU(Fan Filter Unit) Project



Ventilation Equipments Project

Type Code

LW B E 3G 133 - 072 P S - 02

Series number

T-380VAC S-230VAC U-115V
L-12VDC M-24VDC
H-48VDC Z-310VDC

N-Without housing/bracket
S-Single inlet with housing
D-Dual-inlet with housing
P-with bracket

Diameter of Rotor:072/092/102/138/188/218

Diameter of Impeller

2E-2pole 4E-4pole 6E-6 pole 6D-6pole
8D-8pole 3G-3 phase 1G-Single phase

A-AC D-DC E-EC

B-Backward F-Forward

LW-Longwell

EC Fan with Bracket

Professional HVAC Fan &Motors Manufacturer



LWBE-133 Serise

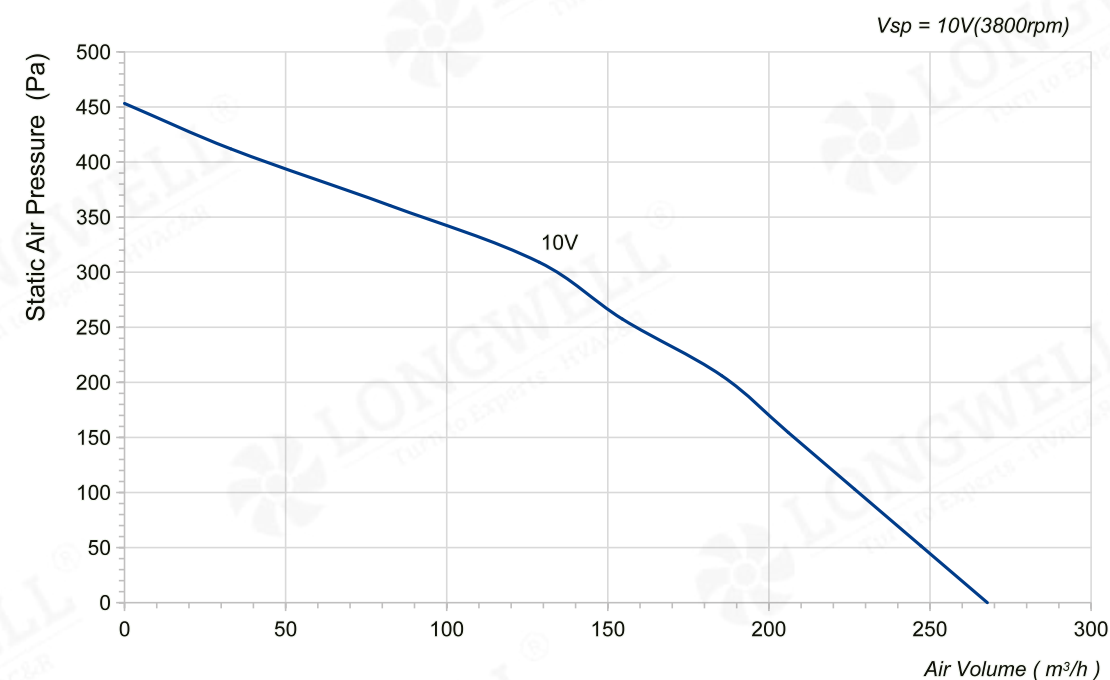
Product Characteristic

- Impeller Material: PA6+GF
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

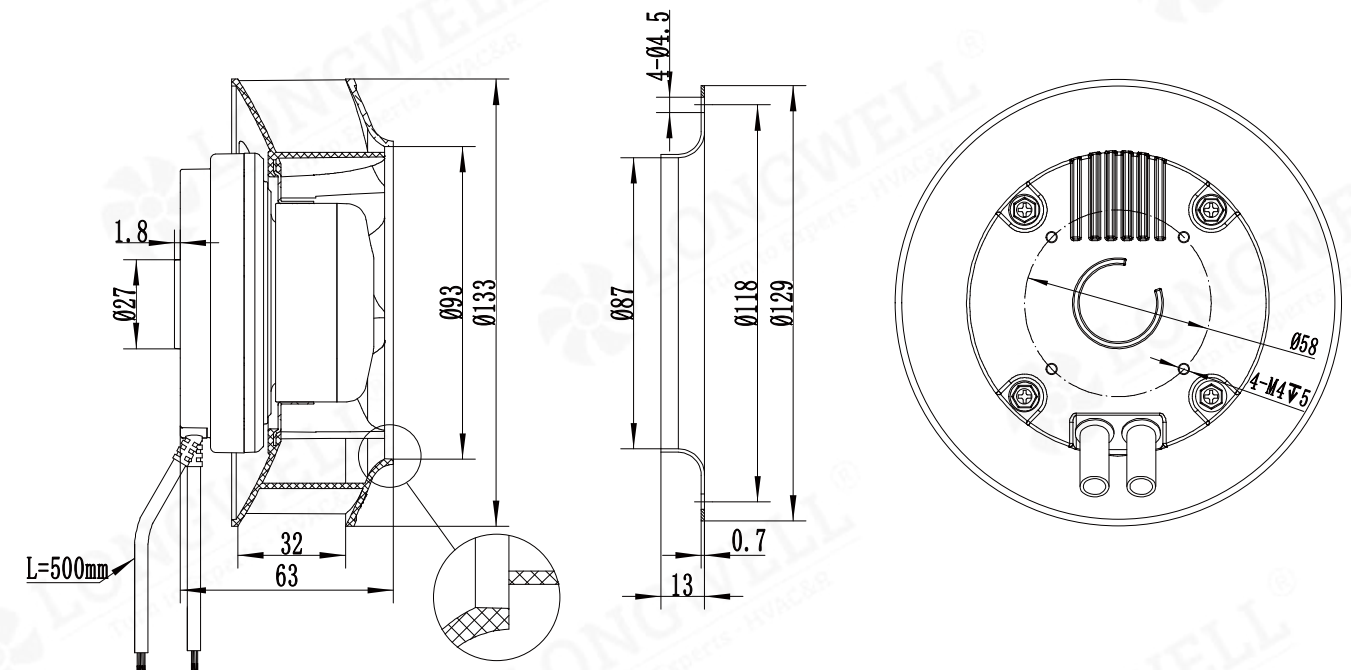


Technical Specifications

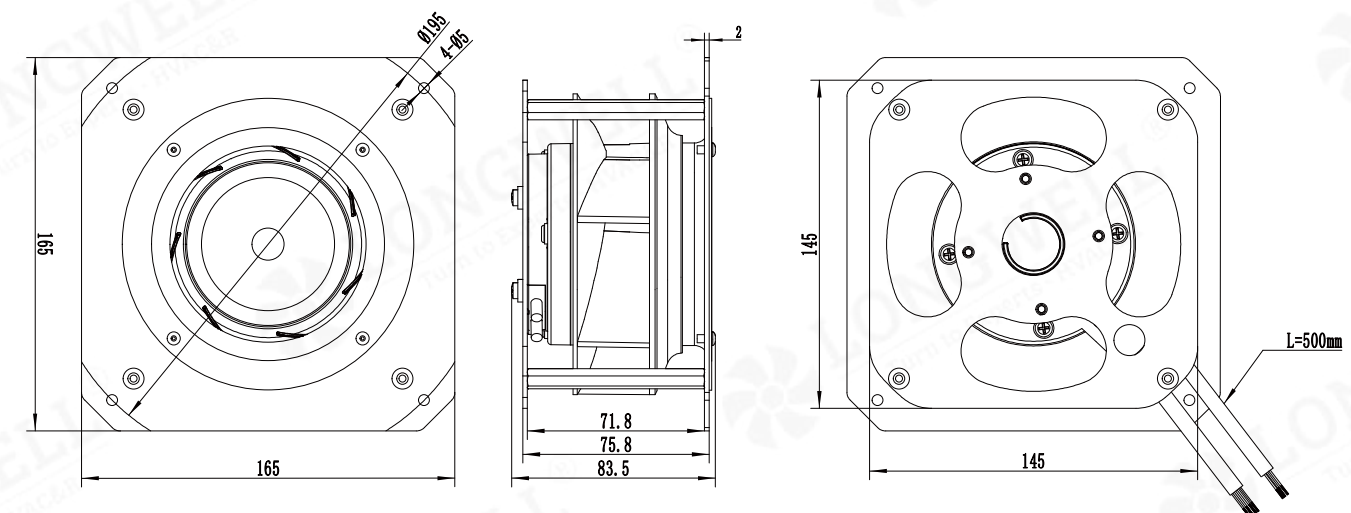
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G133-072PS-02	230	30	0.23	268	453	3800	63



LWBE3G133-072NS-07 (without bracket)



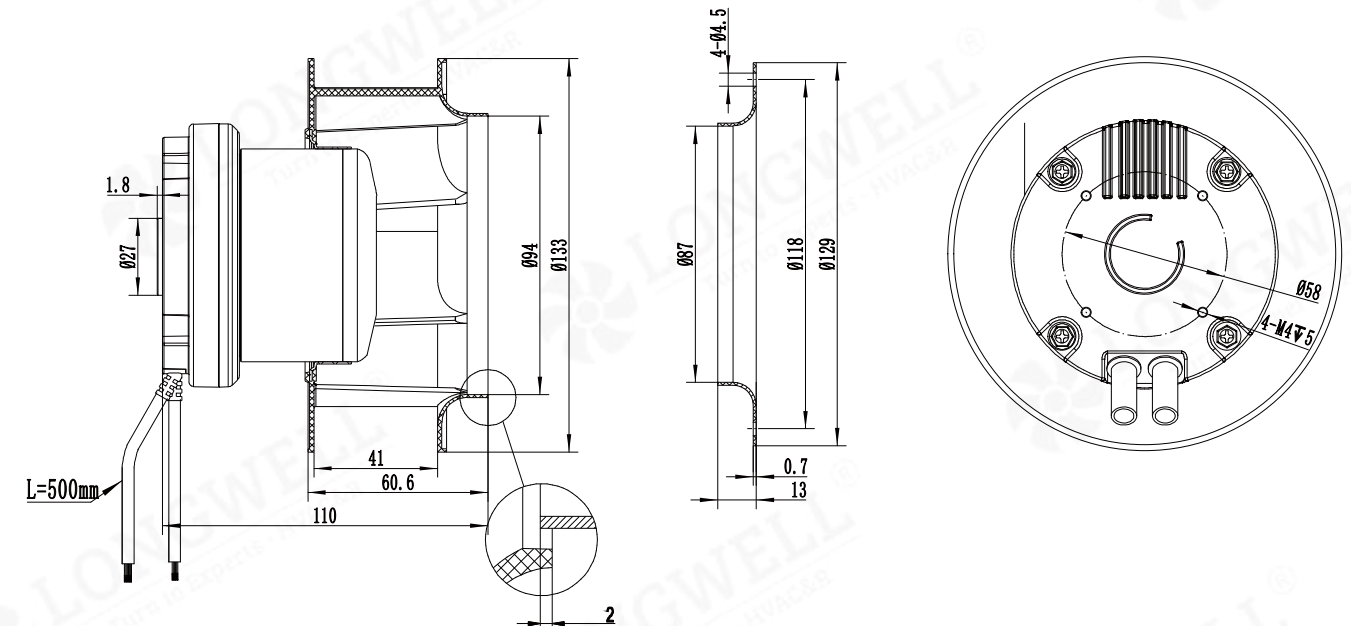
LWBE3G133-072PS-02 (with bracket)



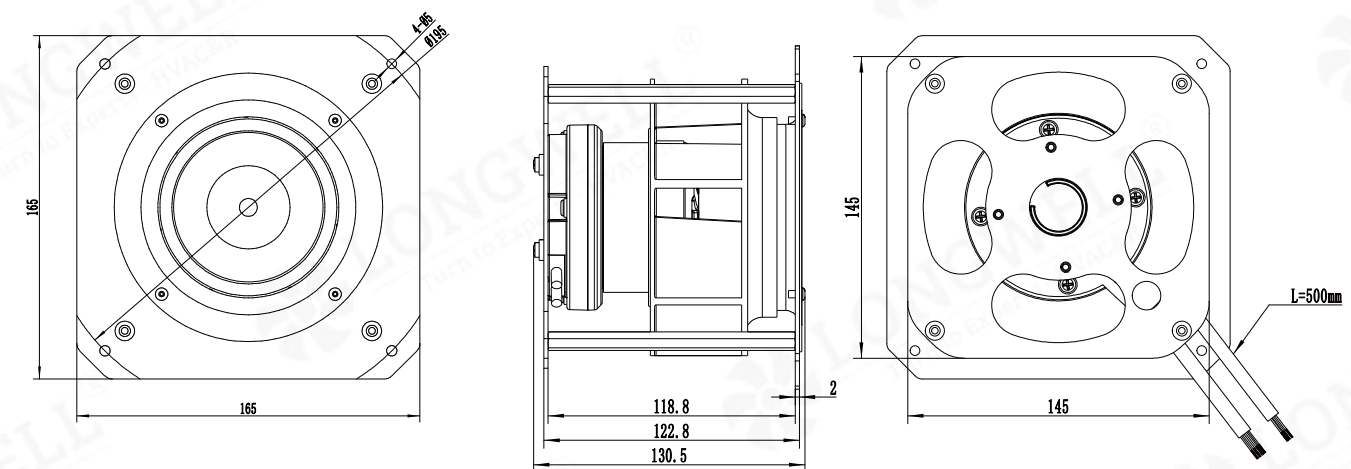
● Impeller Material:	PA6+GF
● Supply Voltage:	230V,50/60Hz
● Mode of Operation:	S1
● Protection Class:	IP55
● Insulation Class:	F
● Operation Temperature:	-25℃ ~ +60℃
● Technical Feature:	Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.



Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G133-072PS-03	230	53	0.38	433	433	4400	70



LWBE3G133-072PS-03 (with bracket)



LWBE-175 Serise

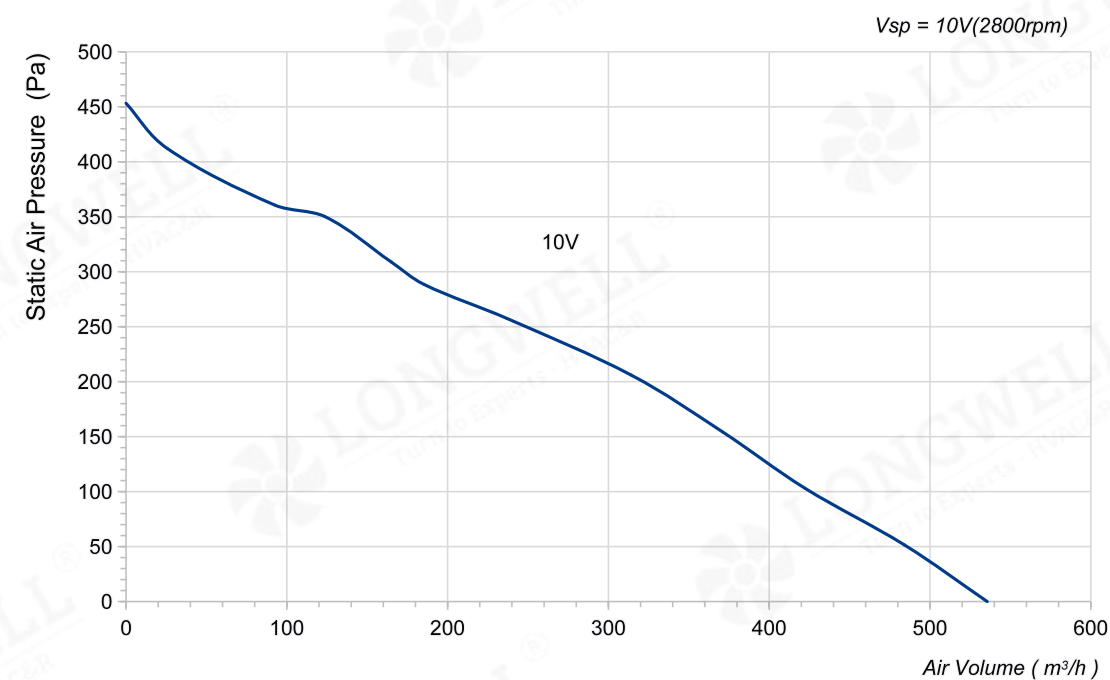
Product Characteristic

- Impeller Material: PA6+GF
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

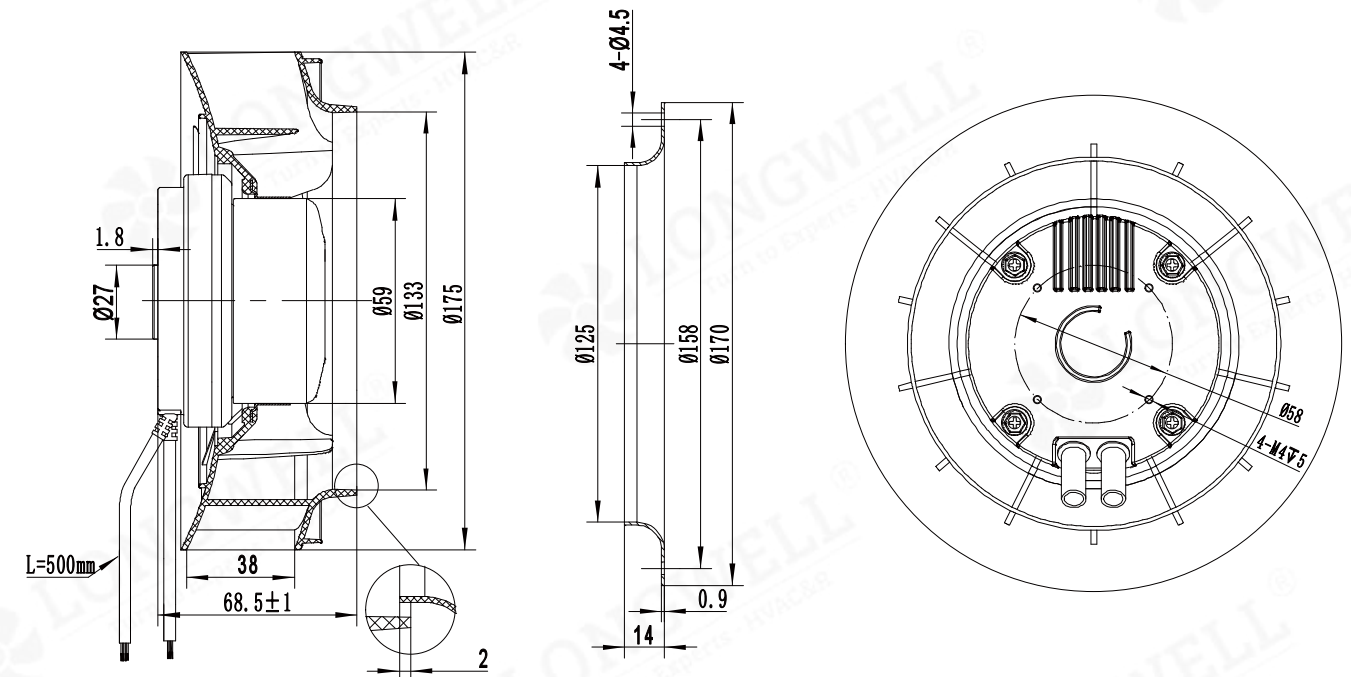


Technical Specifications

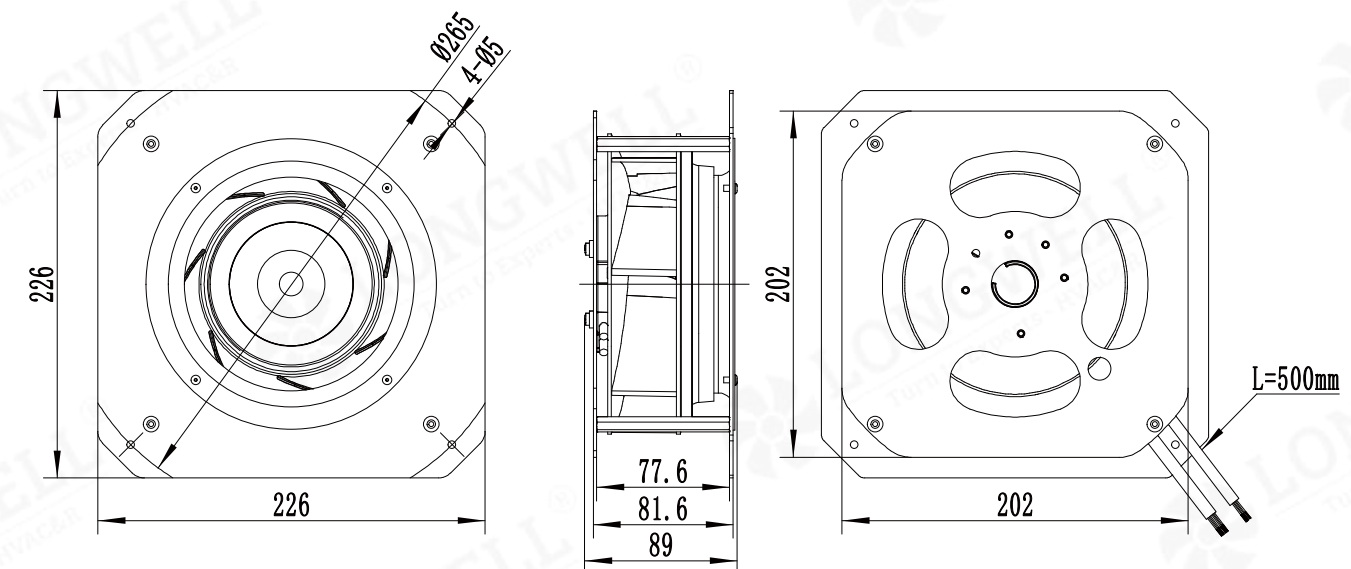
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G175-072PS-01	230	55	0.4	536	453	2800	65



LWBE3G175-072NS-06 (without bracket)



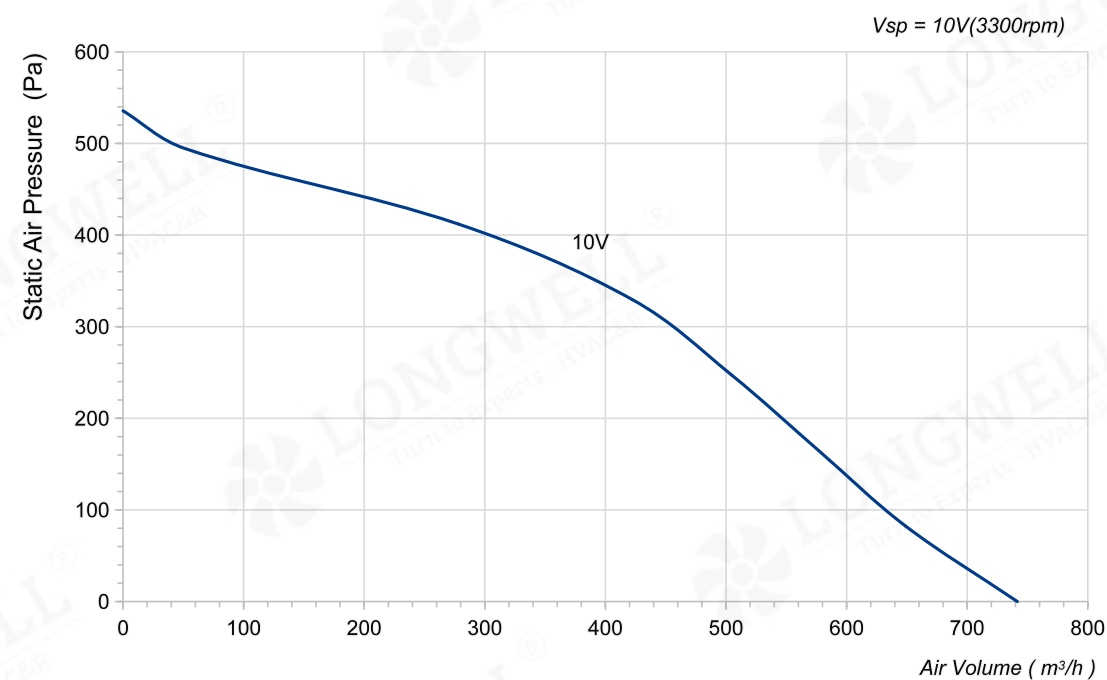
LWBE3G175-072PS-01 (with bracket)



● Impeller Material:	PA6+GF
● Supply Voltage:	230V,50/60Hz
● Mode of Operation:	S1
● Protection Class:	IP55
● Insulation Class:	F
● Operation Temperature:	-25℃ ~ +60℃
● Technical Feature:	Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.



Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G175-072PS-02	230	85	0.65	742	536	3300	72

[illegible]

Technical drawing of the 1000mm x 1000mm square duct, showing top, side, and bottom views with dimensions and annotations.

- Top View:** A square duct with a side length of 226 mm. It features a central circular opening with a diameter of 265 mm and a thickness of 4 mm. The duct has rounded corners and four mounting holes.
- Side View:** A cross-section of the duct showing its internal structure and dimensions: 77.6 mm (inner width), 81.6 mm (middle width), and 89 mm (total width).
- Bottom View:** A square duct with a side length of 202 mm. It features a central circular opening with a diameter of 265 mm and a thickness of 4 mm. The duct has rounded corners and four mounting holes. A dimension of L=500mm is indicated for the length of the duct.

LWBE-175 Serise

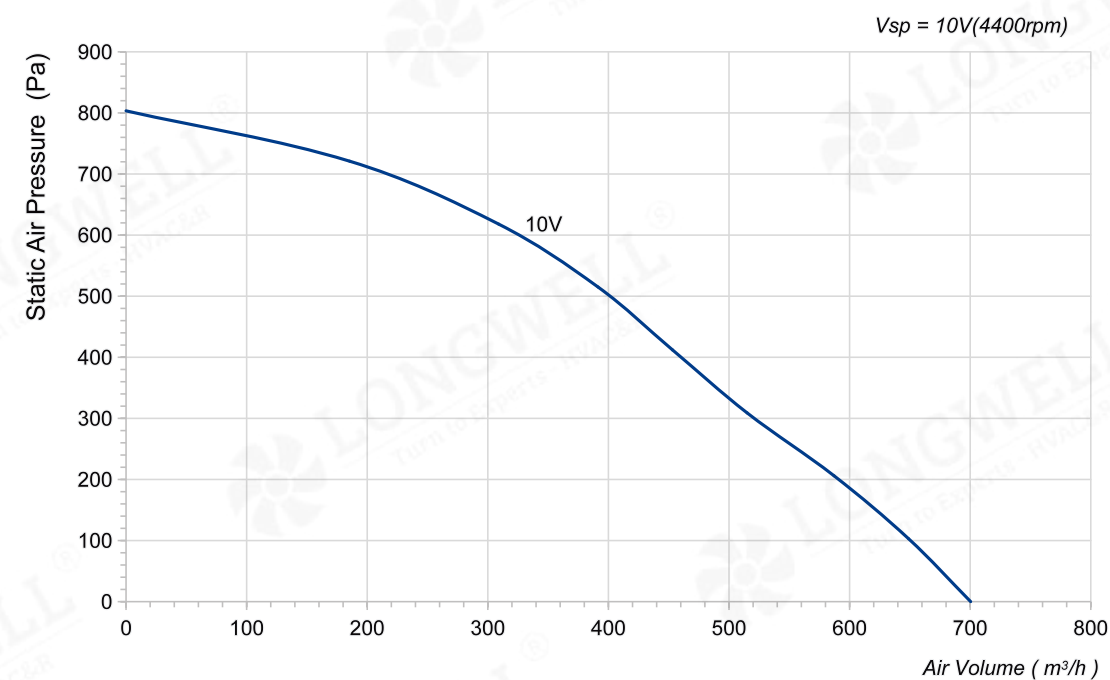
Product Characteristic

- Impeller Material: PA6+GF
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

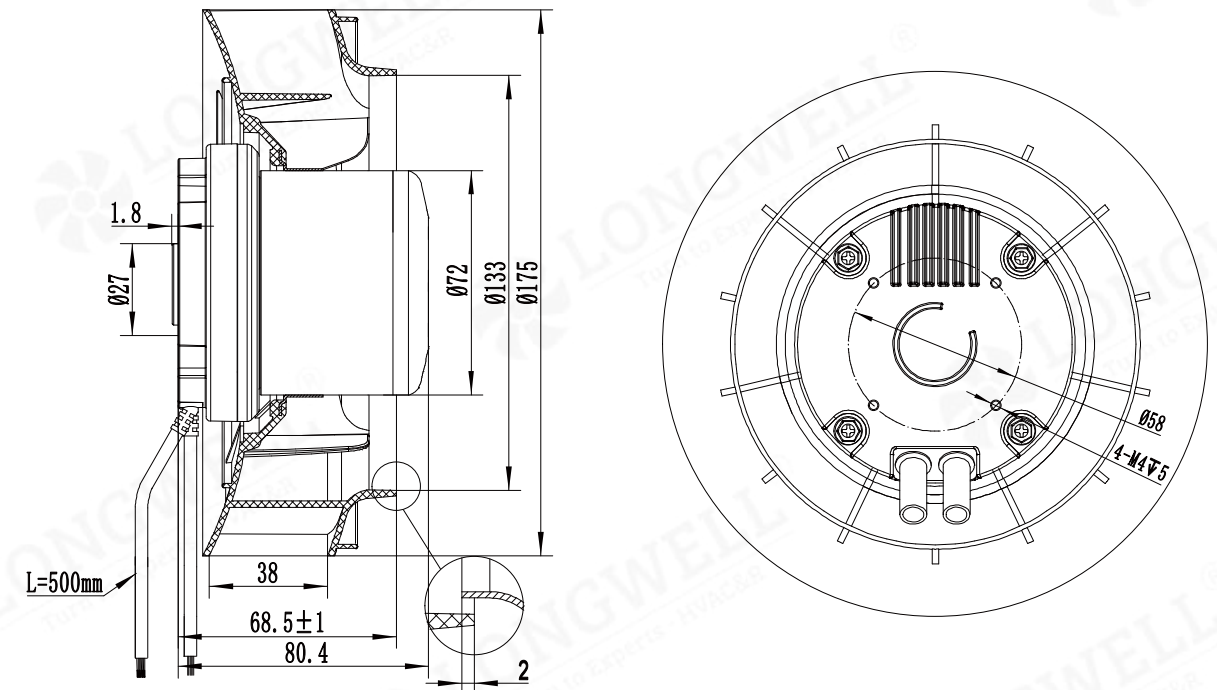


Technical Specifications

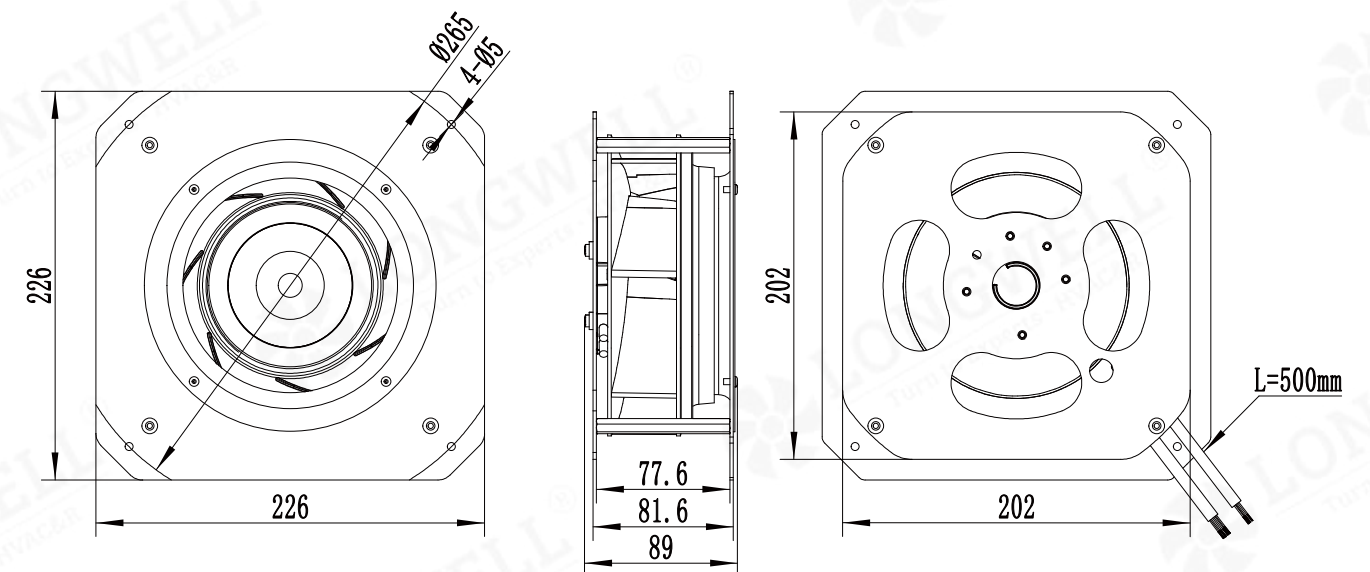
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G175-072PS-03	230	115	0.9	700	803	4400	74



LWBE3G175-072NS-08 (without bracket)



LWBE3G175-072PS-03 (with bracket)



LWBE-175 Serie

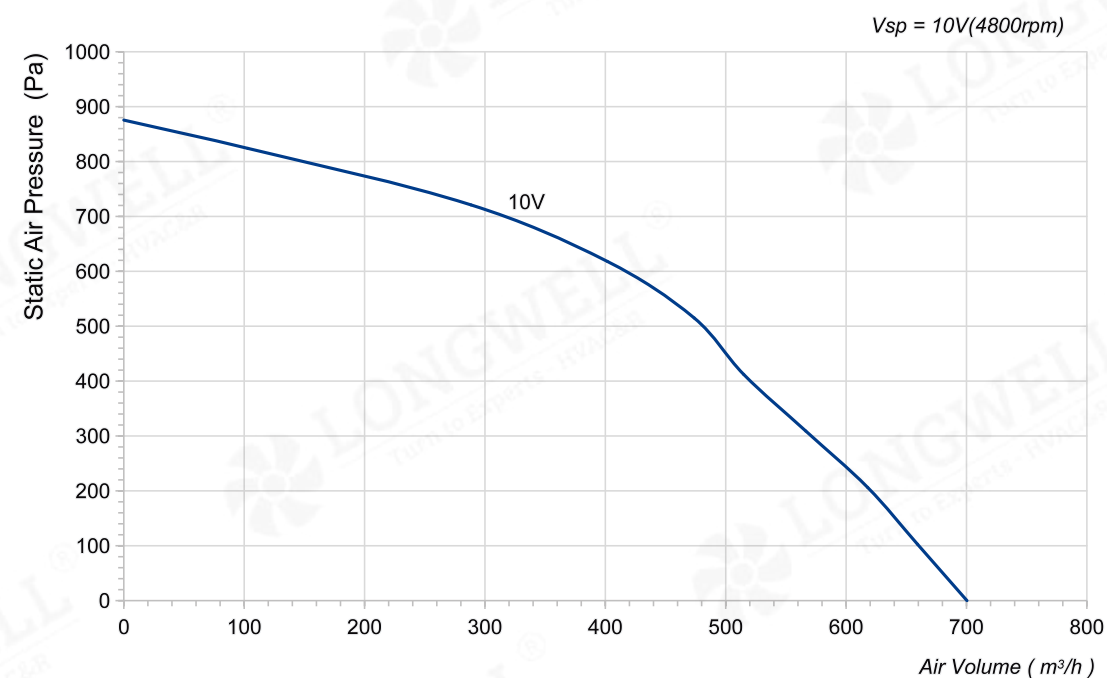
Product Characteristic

- Impeller Material: PA6+GF
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25 °C ~ +60 °C
- Technical Feature: Control input 0-10VDC/PWM, Tach output, Locked-Rotor protection, Reverse Polarity Over-voltage protection, Soft Start Protection.

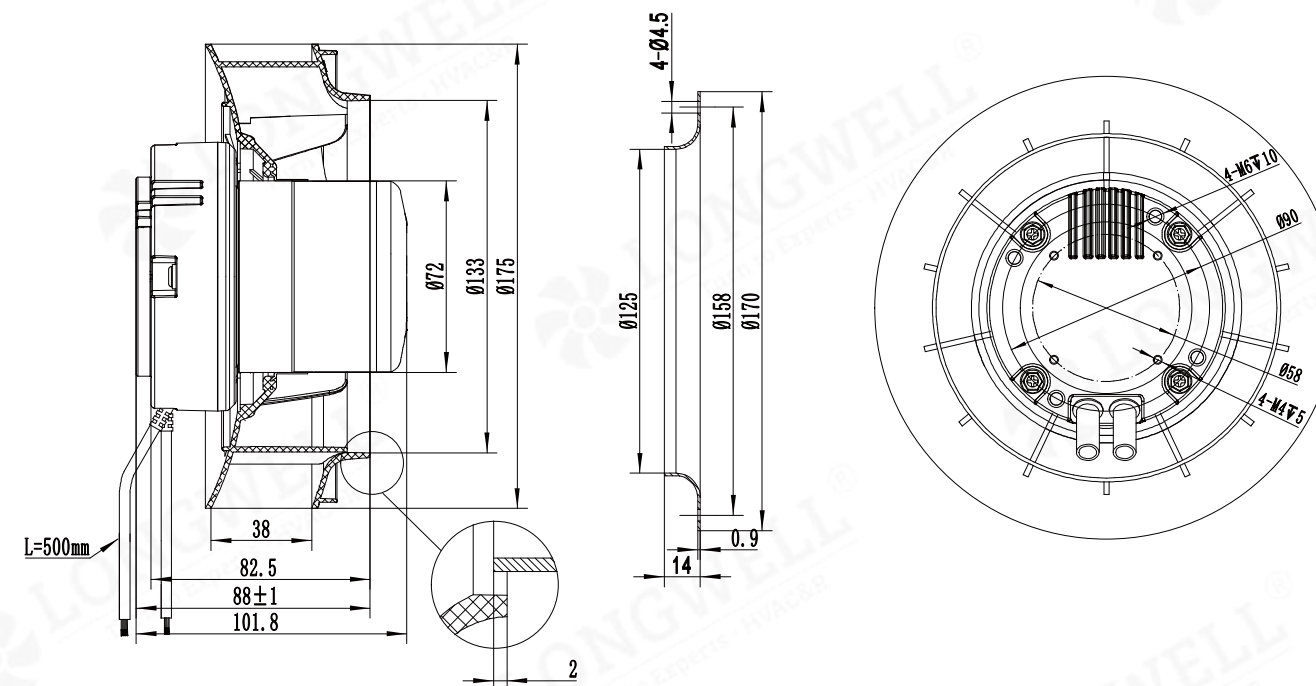


Technical Specifications

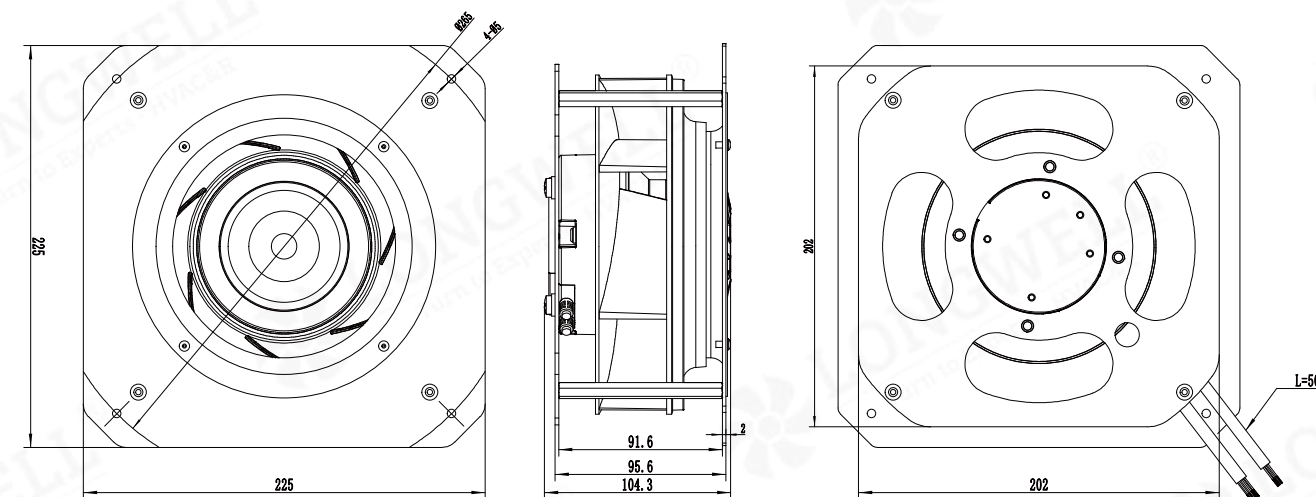
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G175-072PS-05	230	155	1.09	700	876	4800	75



LWBE3G175-072NS-09 (without bracket)



LWBE3G175-072PS-05 (with bracket)



LWBE-175 Serise

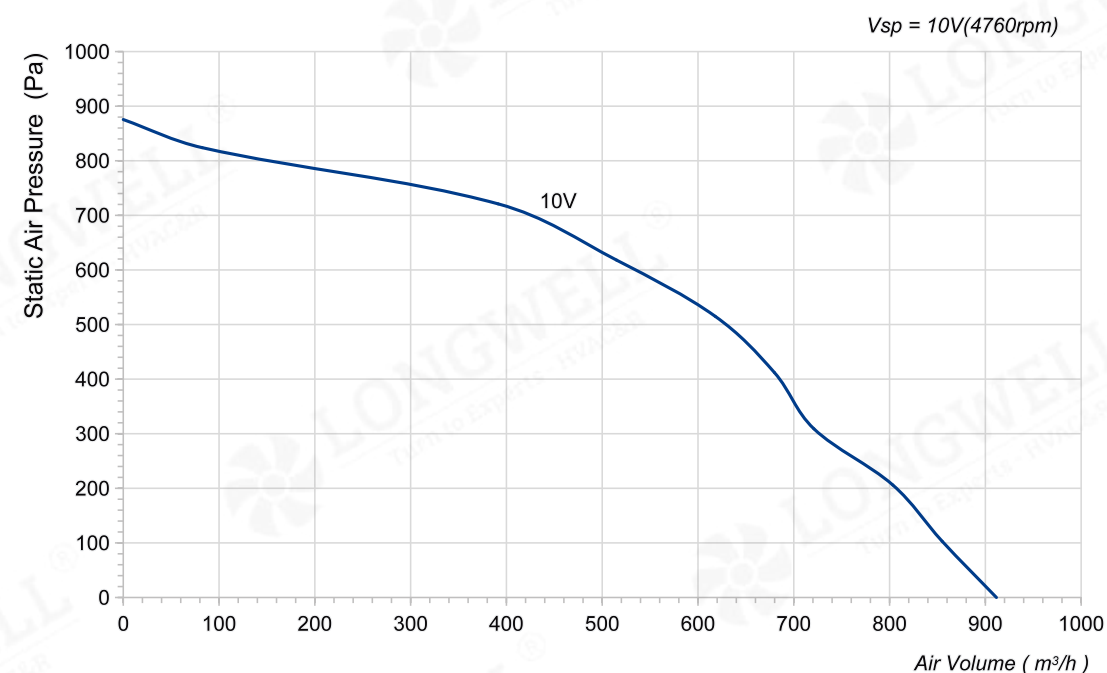
Product Characteristic

- Impeller Material: PA6+GF
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

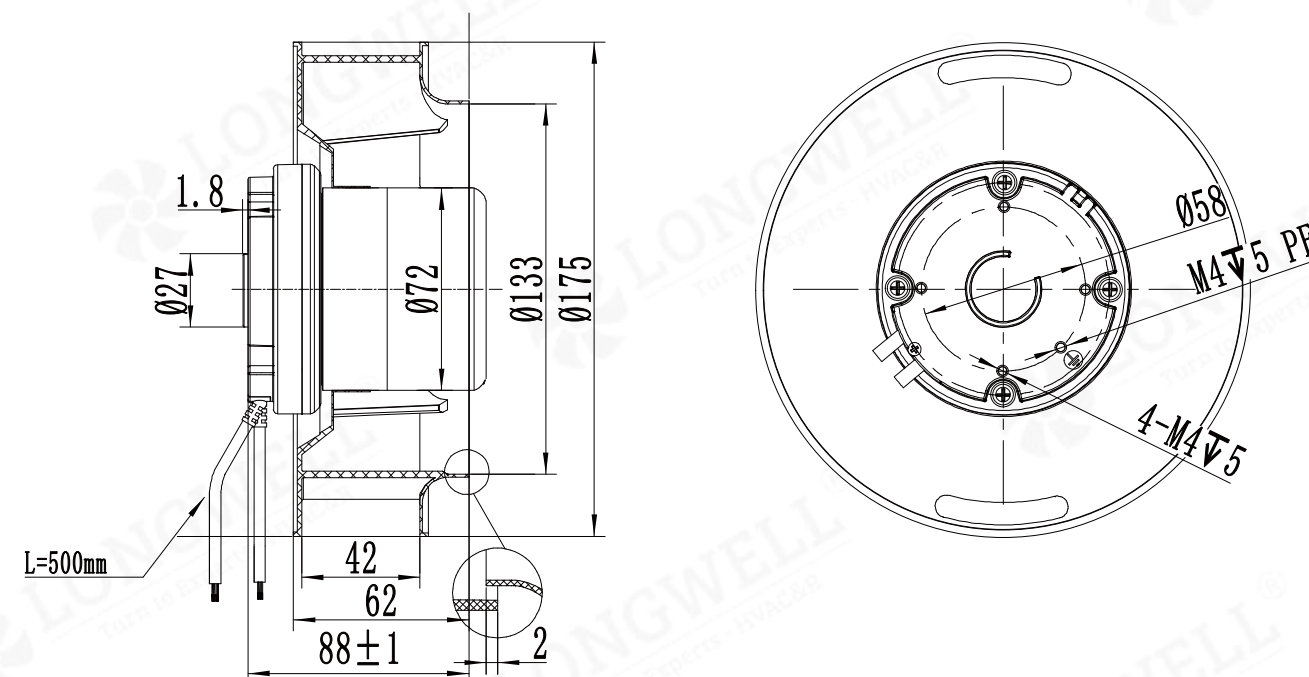


Technical Specifications

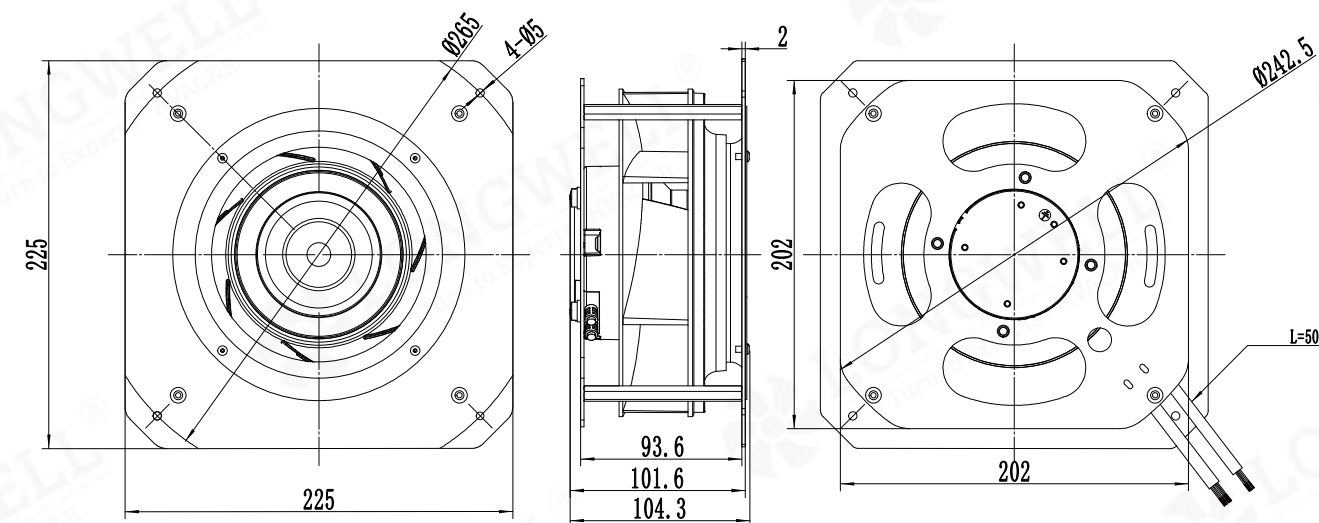
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G175-072PS-04	230	170	1.2	912	876	4760	71



LWBE3G175-072NS-07 (without bracket)



LWBE3G175-072PS-04 (with bracket)



LWBE-190 Serise

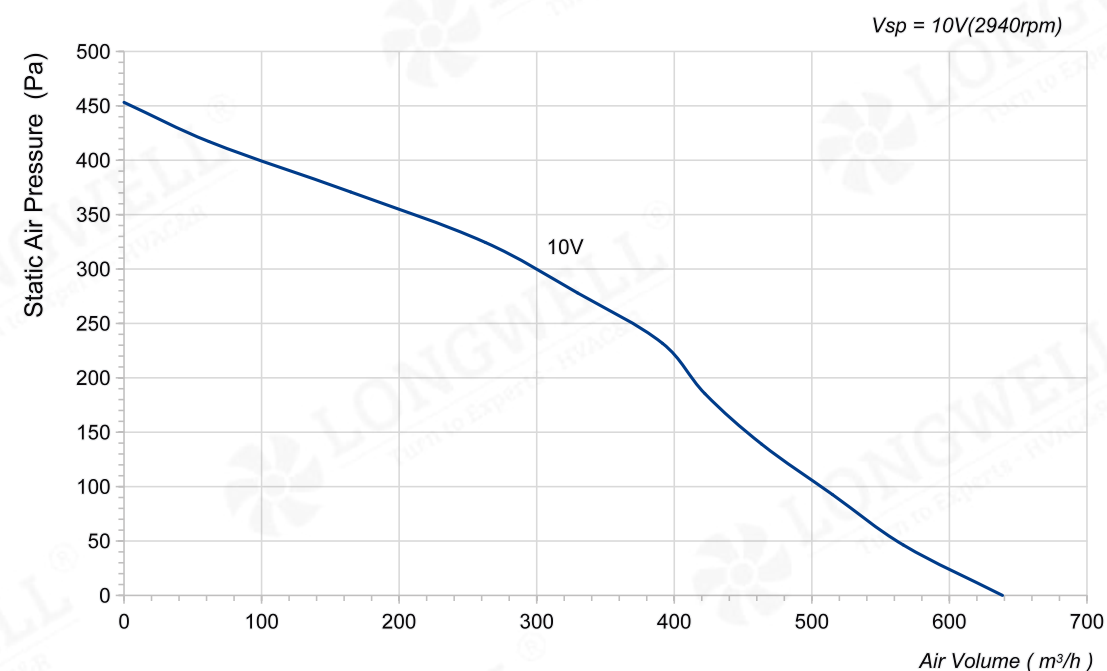
Product Characteristic

- Impeller Material: PA6+GF
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

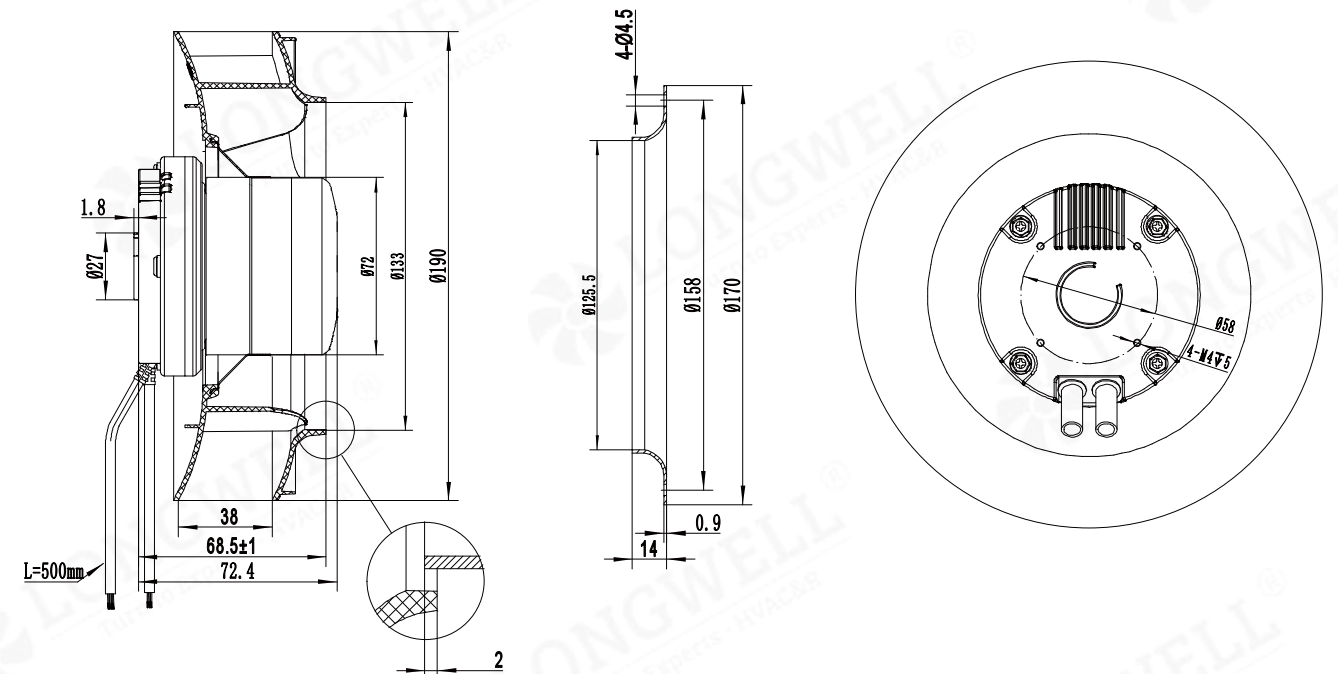


Technical Specifications

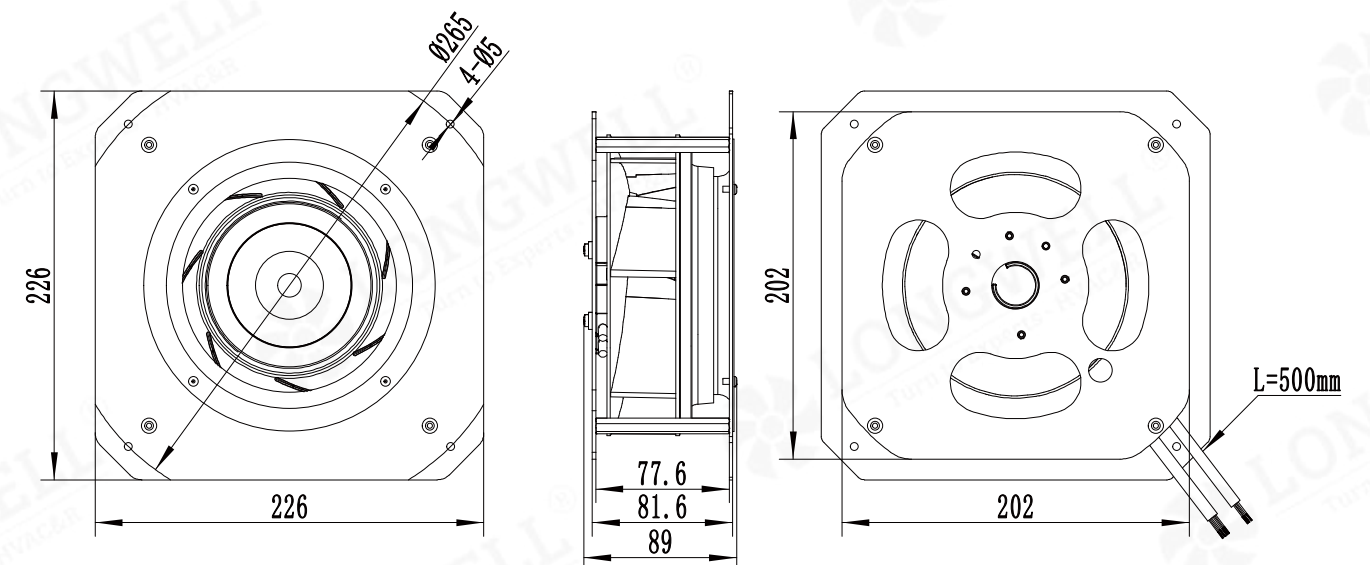
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G190-072PS-06	230	64	0.53	639	453	2940	65



LWBE3G190-072NS-14 (without bracket)



LWBE3G190-072PS-06 (with bracket)



LWBE-190 Serise

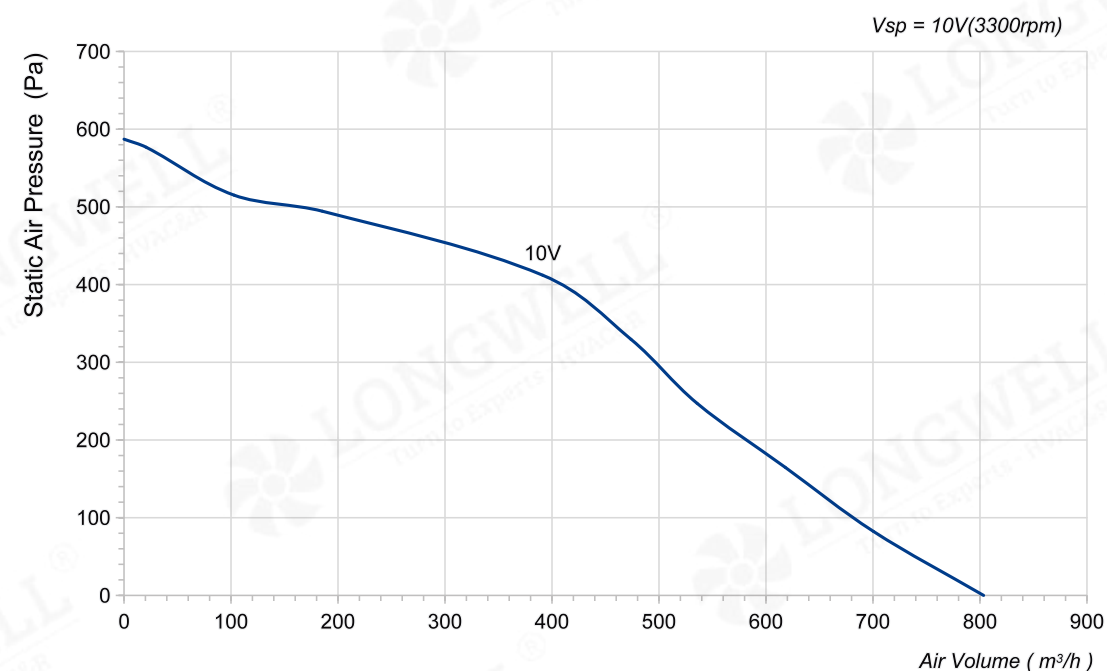
Product Characteristic

- Impeller Material: PA6+GF
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

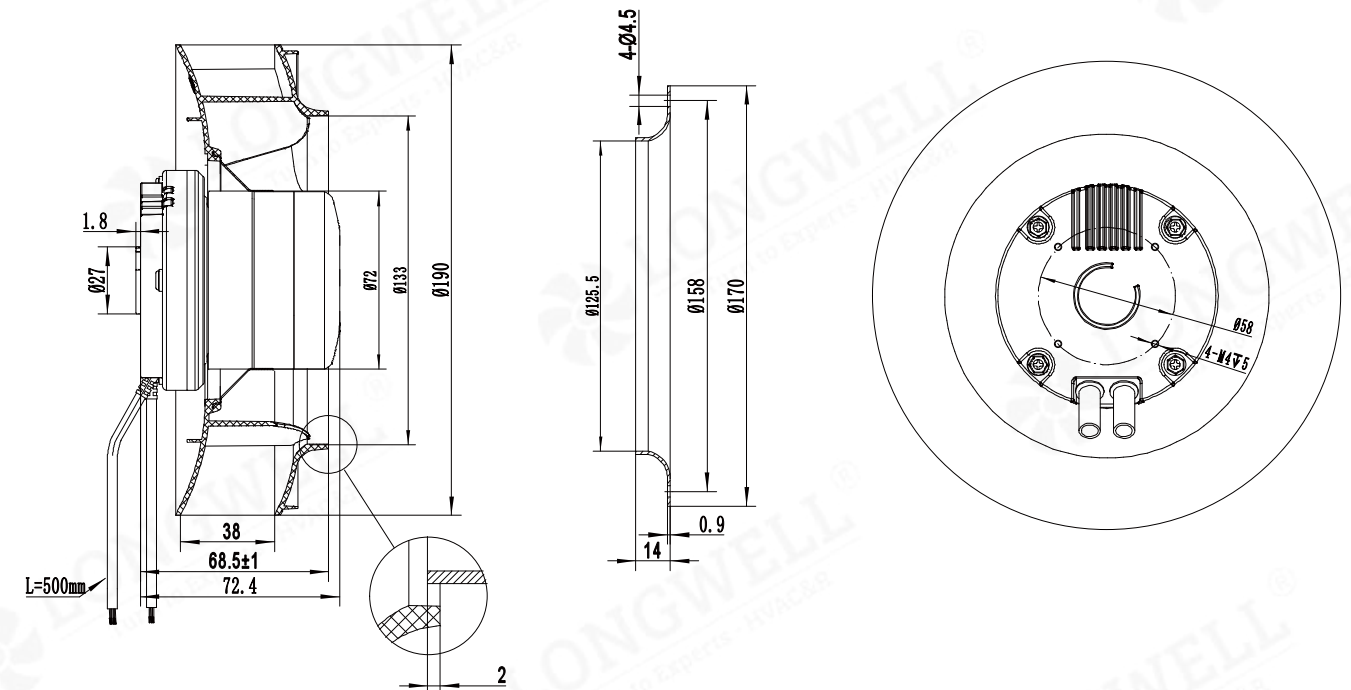


Technical Specifications

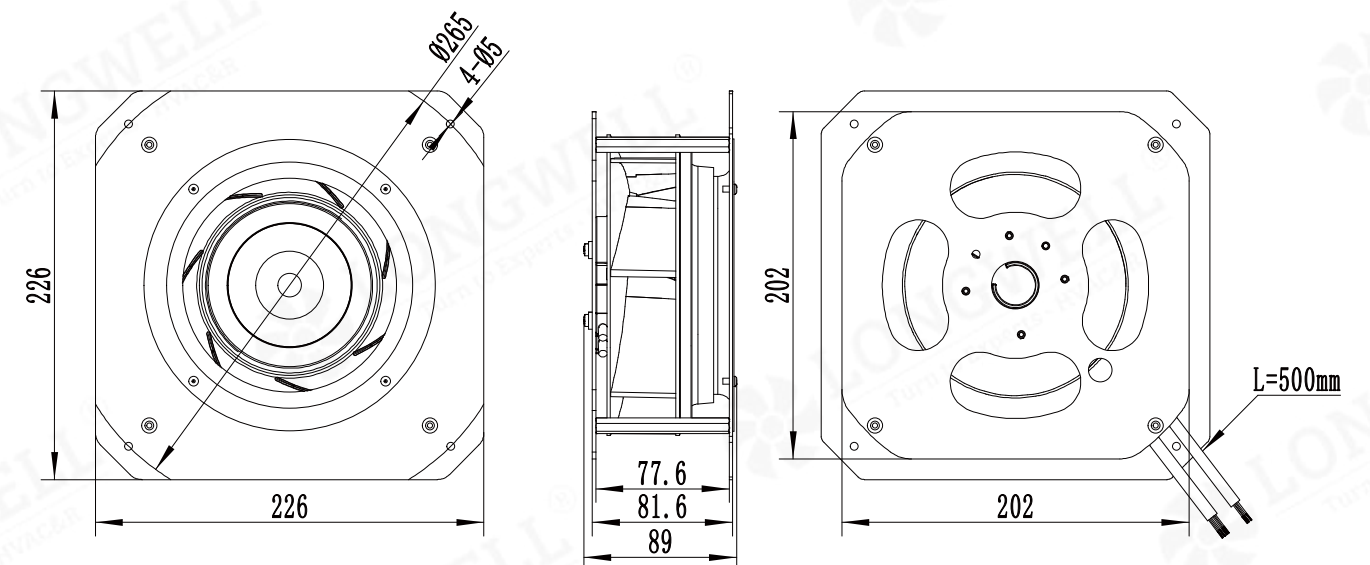
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G190-072PS-01	230	87	0.65	814	587	3300	70



LWBE3G190-072NS-13 (without bracket)



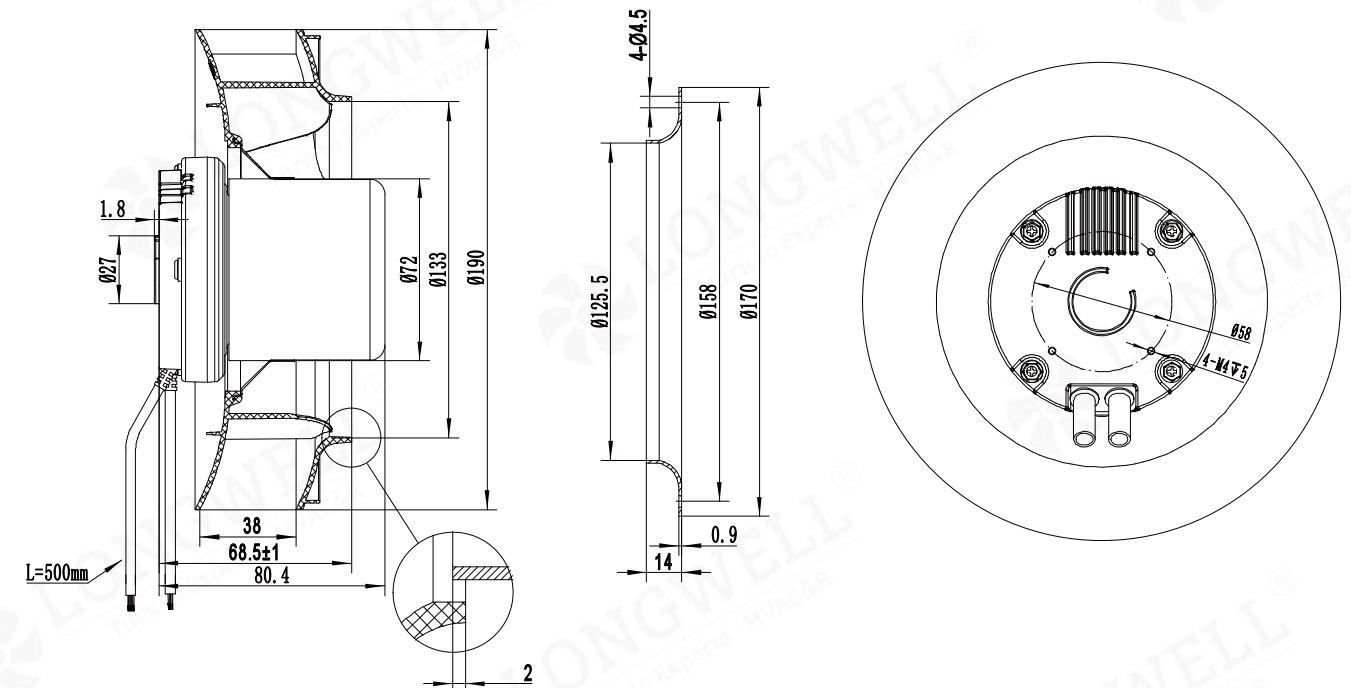
LWBE3G190-072PS-01 (with bracket)



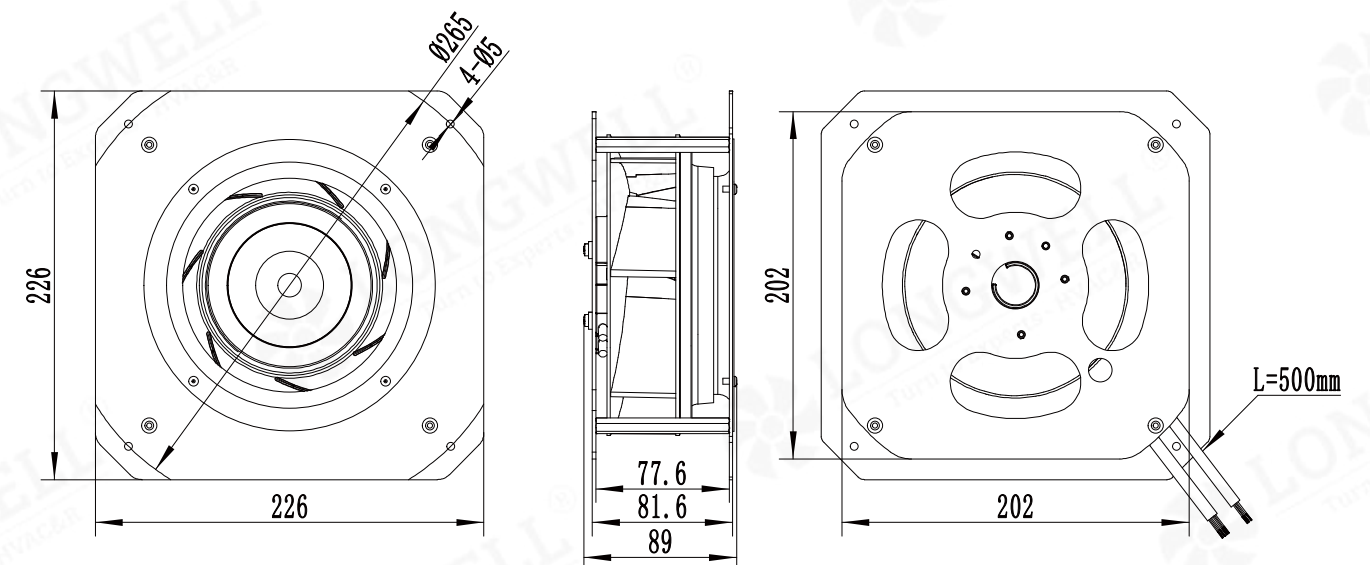
● Impeller Material:	PA6+GF
● Supply Voltage:	230V,50/60Hz
● Mode of Operation:	S1
● Protection Class:	IP55
● Insulation Class:	F
● Operation Temperature:	-25℃~+60℃
● Technical Feature:	Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.



Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G190-072PS-02	230	115	0.9	855	876	3800	71



LWBE3G190-072PS-02 (with bracket)



LWBE-190 Serise

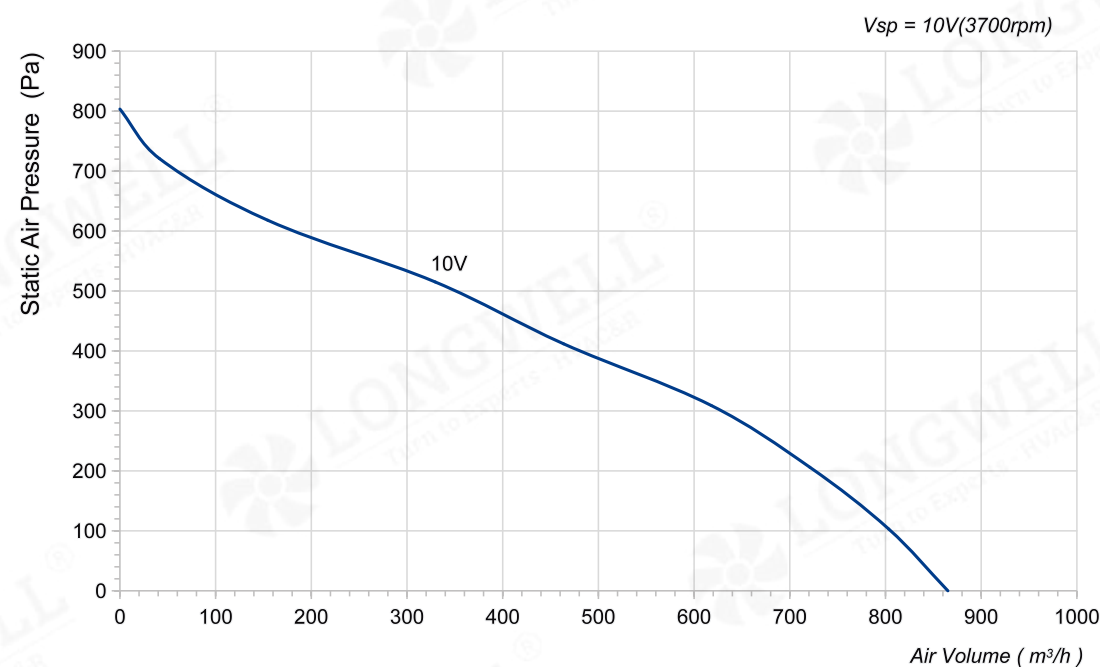
Product Characteristic

- Impeller Material: PA6+GF
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

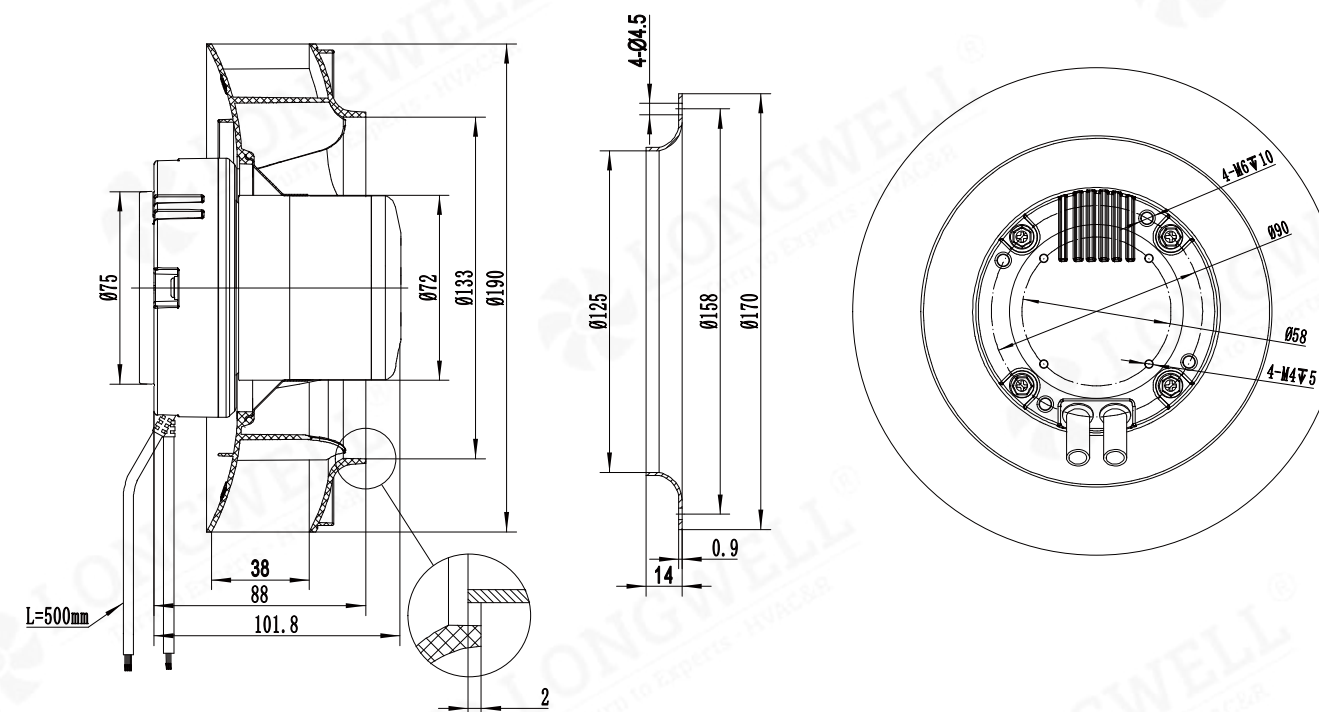


Technical Specifications

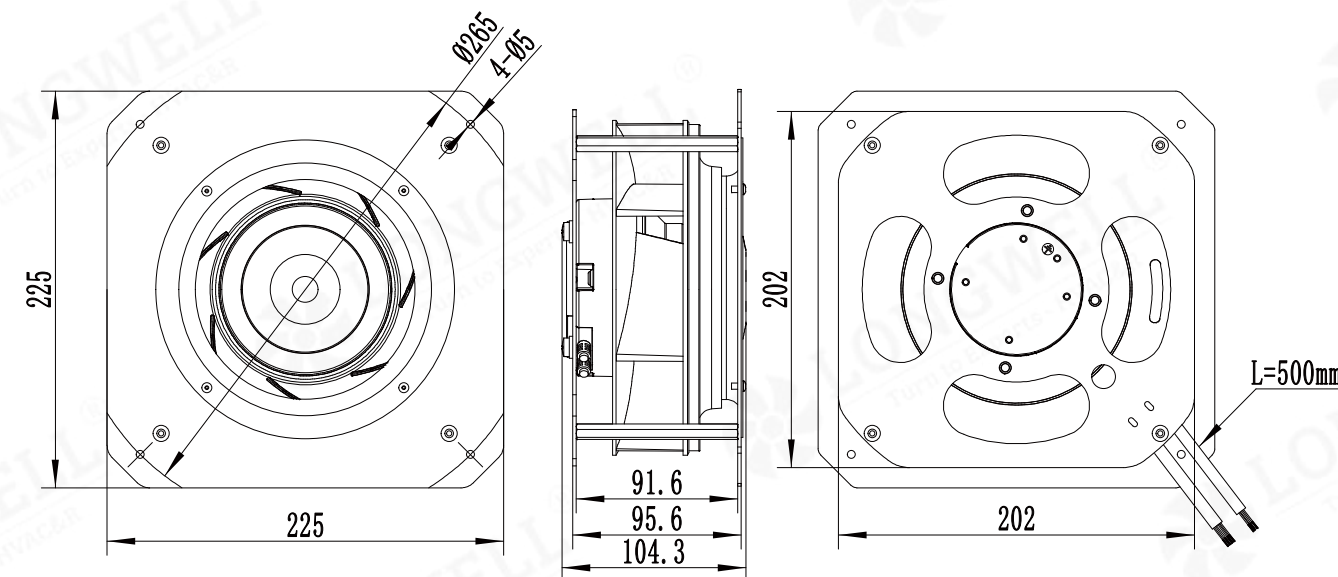
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G190-072PS-07	230	135	1.05	855	803	3700	70



LWBE3G190-072NS-15 (without bracket)



LWBE3G190-072PS-07 (with bracket)



LWBE-190 Serise

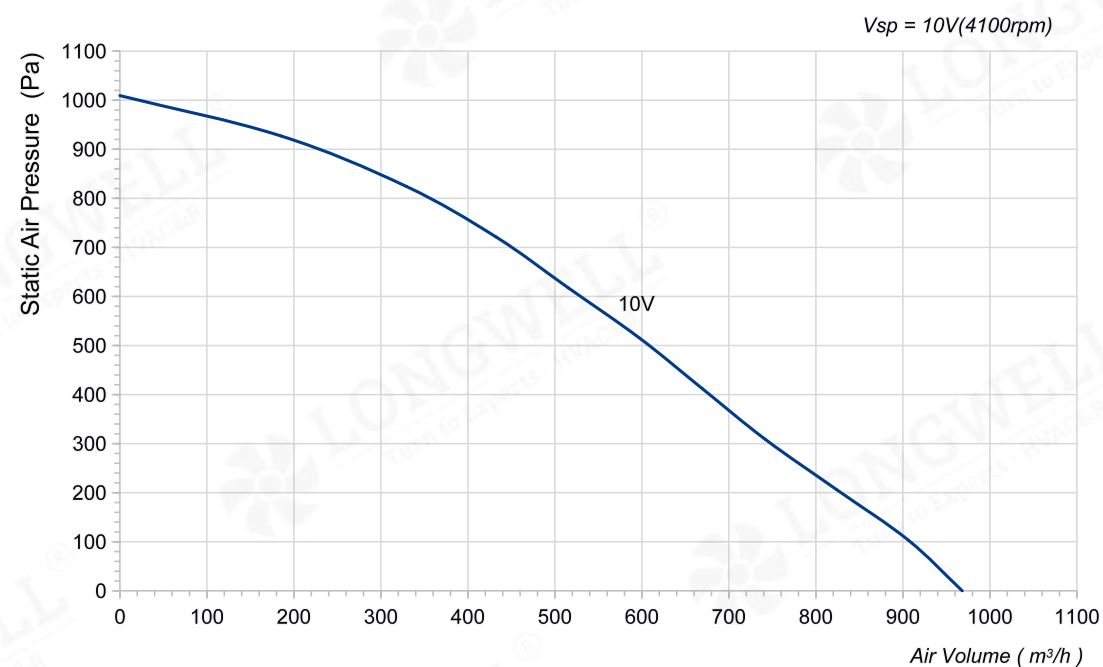
Product Characteristic

- Impeller Material: PA6+GF
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

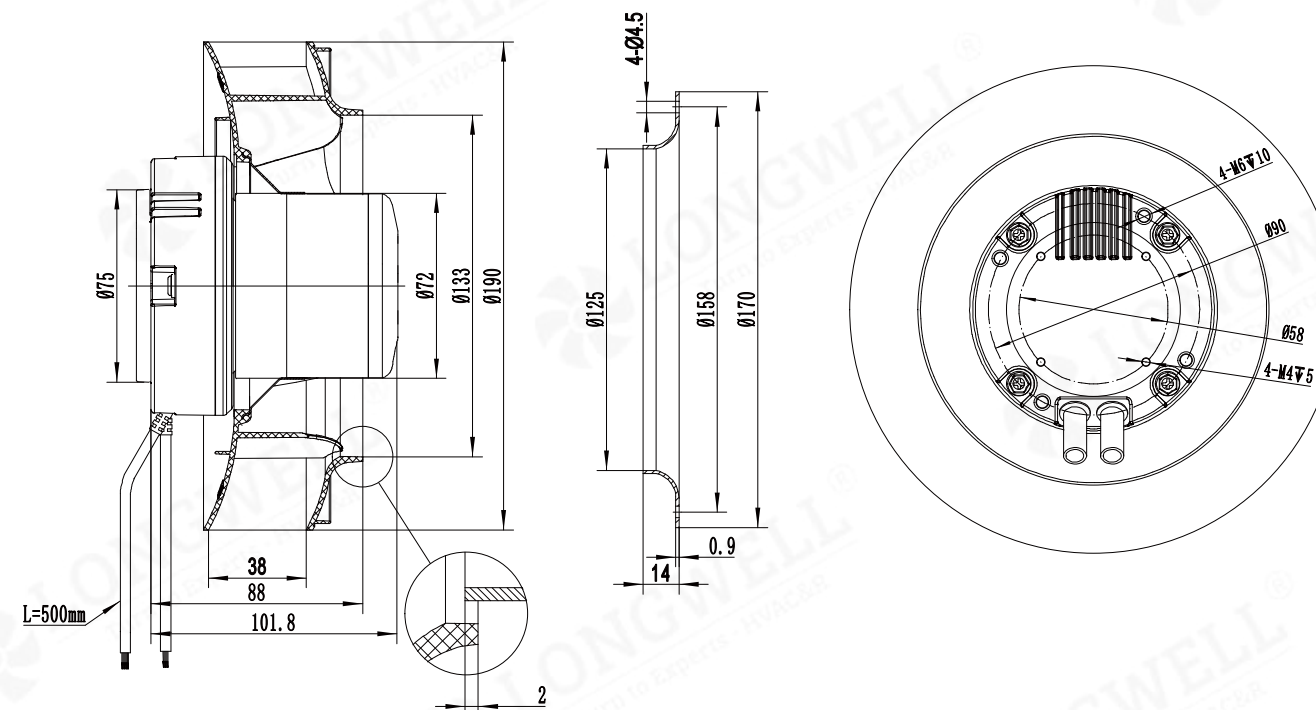


Technical Specifications

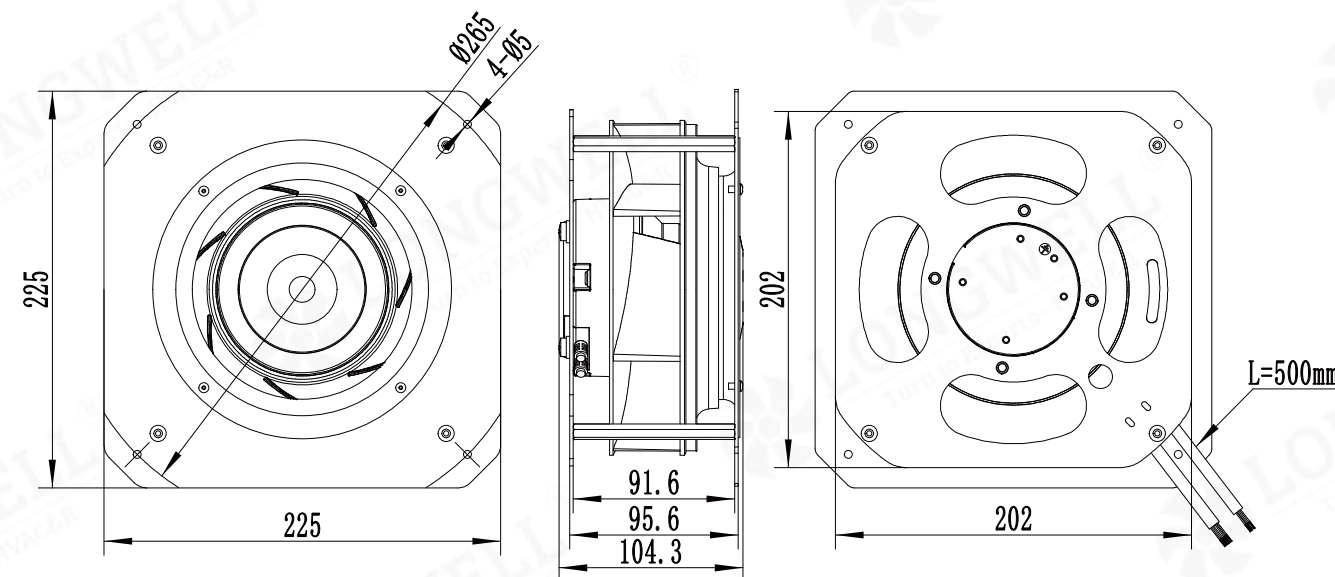
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G190-072PS-03	230	170	1.3	973	1009	4100	72



LWBE3G190-072NS-06 (without bracket)



LWBE3G190-072PS-03 (with bracket)



LWBE-220 Serise

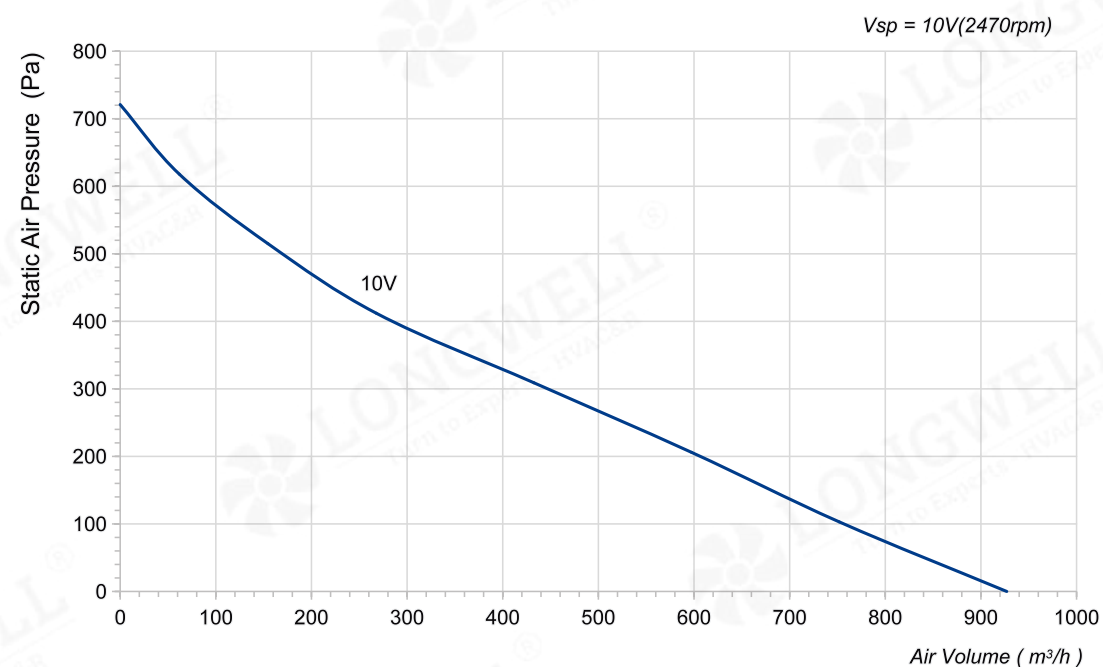
Product Characteristic

- Impeller Material: PA6+GF
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

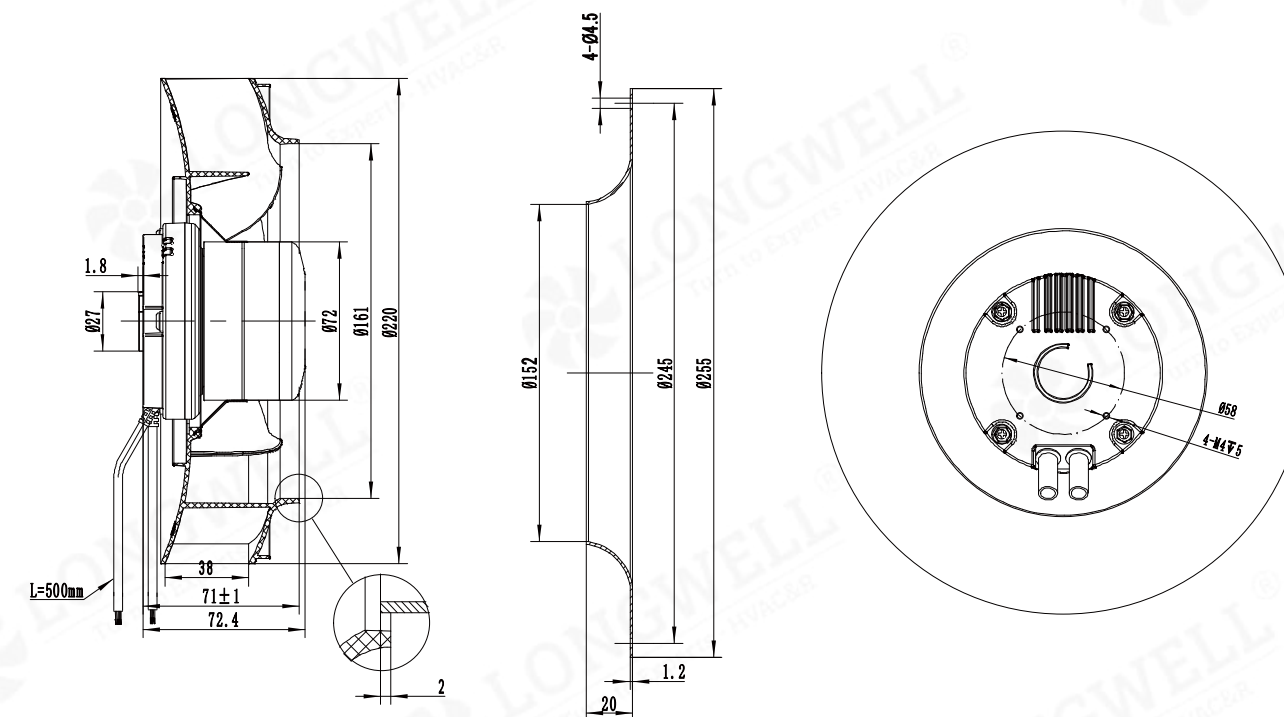


Technical Specifications

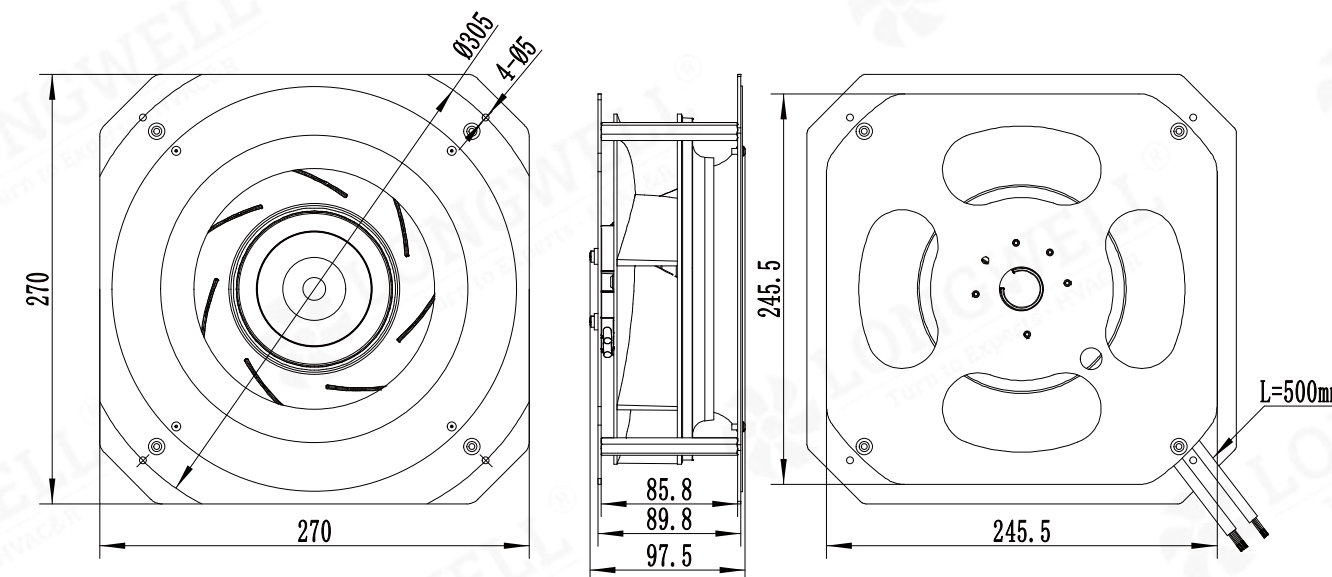
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G220-072PS-01	230	86	0.71	937	721	2470	68



LWBE3G220-072NS-07 (without bracket)



LWBE3G220-072PS-01 (with bracket)



LWBE-220 Serise

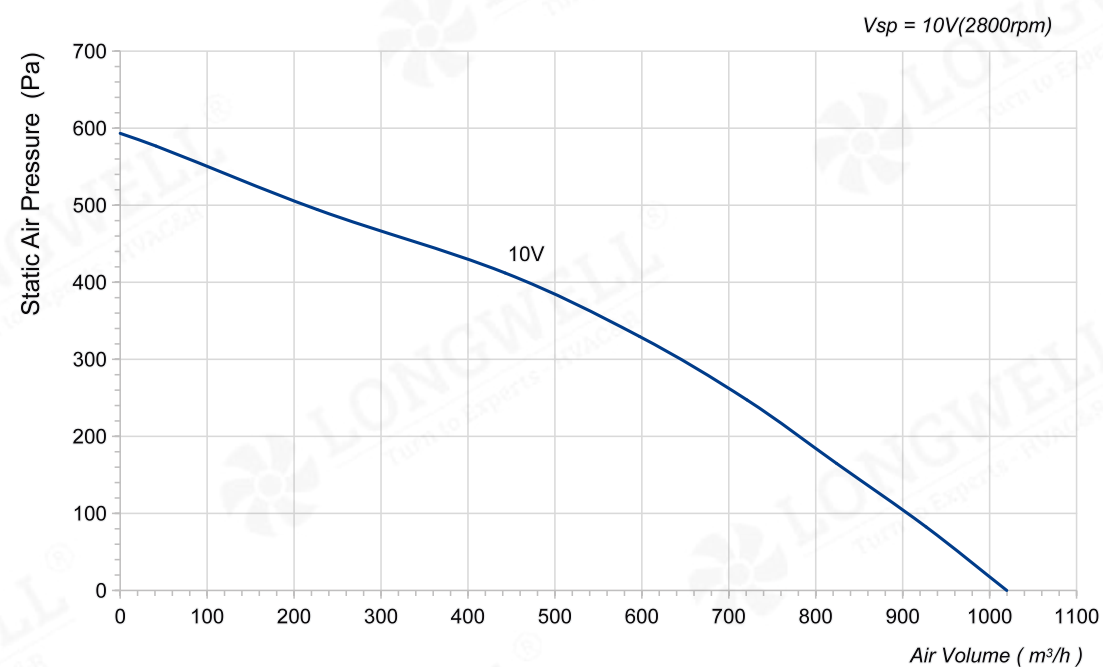
Product Characteristic

- Impeller Material: PA6+GF
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

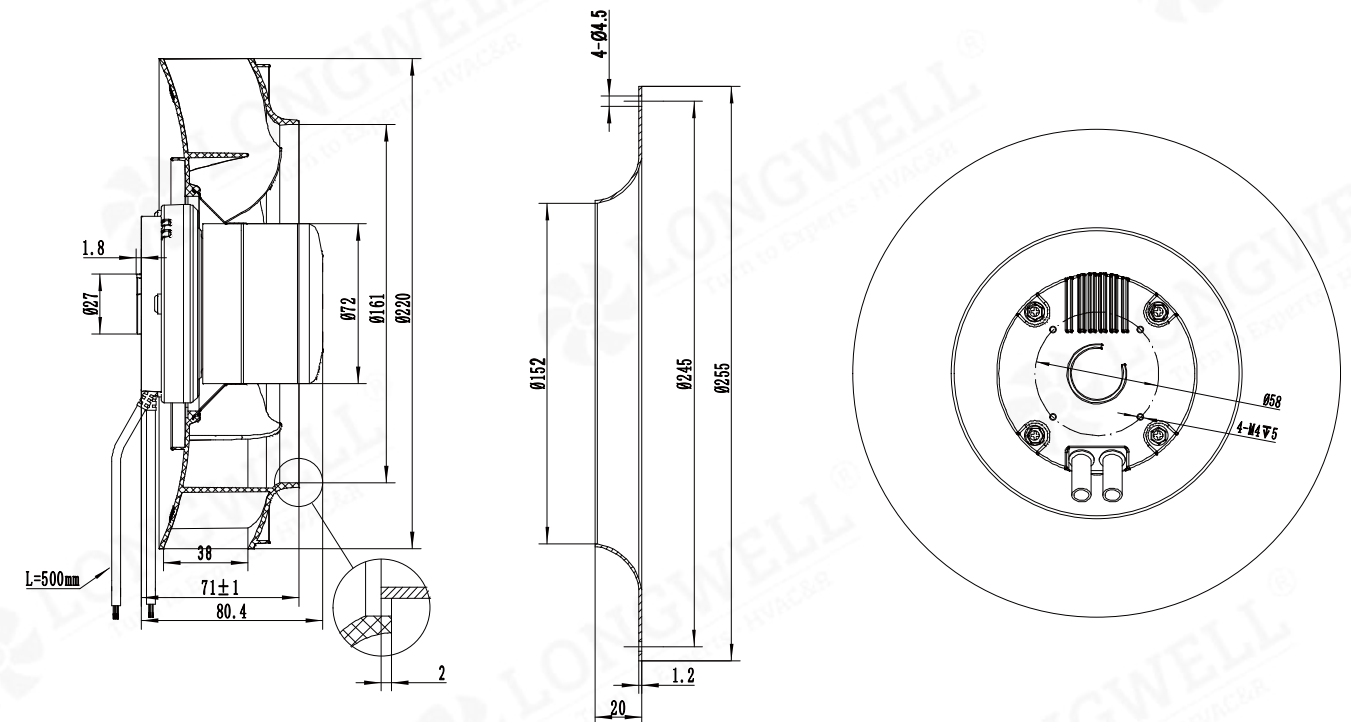


Technical Specifications

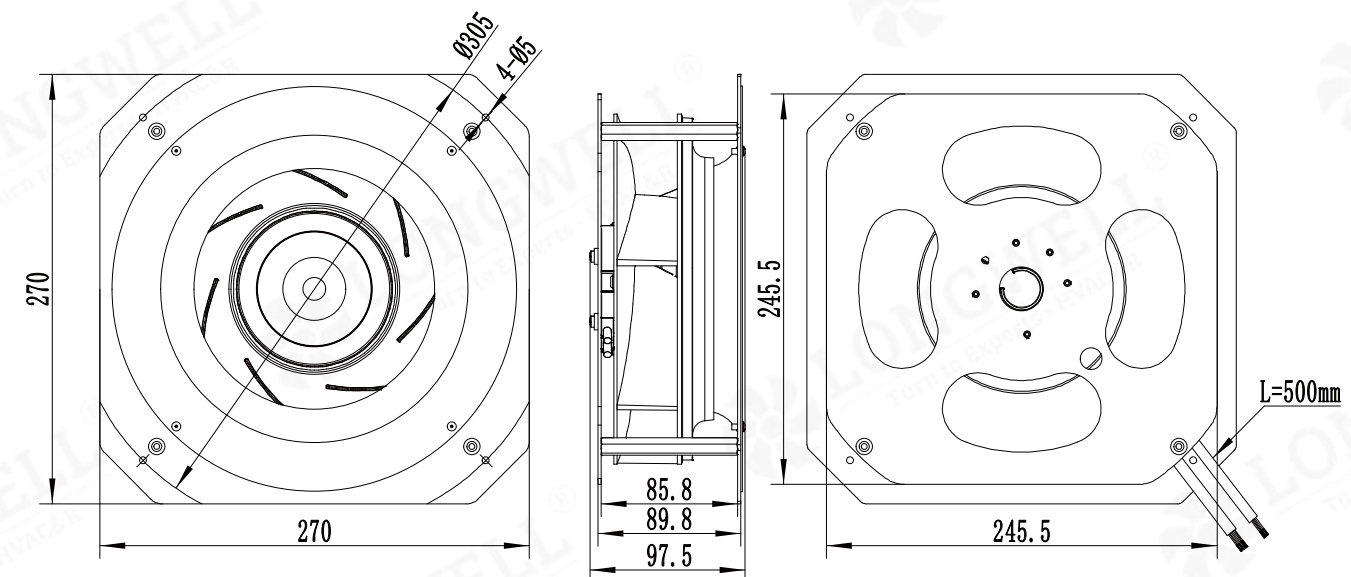
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G220-072PS-02	230	115	0.9	1020	597	2800	69



LWBE3G220-072NS-09 (without bracket)



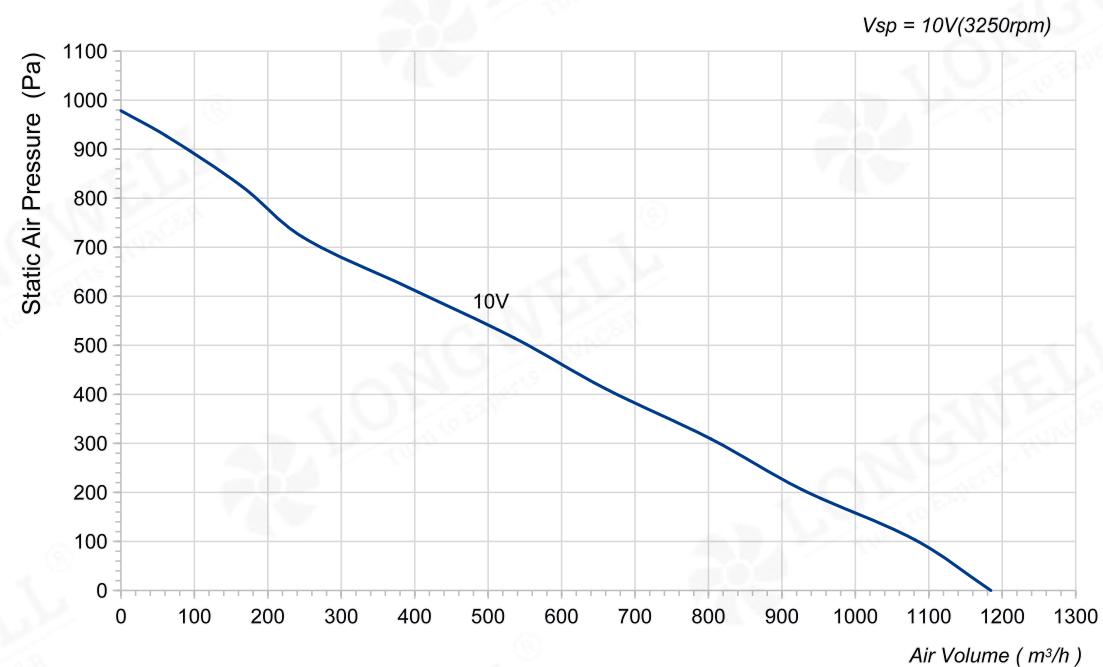
LWBE3G220-072PS-02 (with bracket)



● Impeller Material:	PA6+GF
● Supply Voltage:	230V,50/60Hz
● Mode of Operation:	S1
● Protection Class:	IP55
● Insulation Class:	F
● Operation Temperature:	-25℃ ~ +60℃
● Technical Feature:	Control input 0-10VDC/PWM, Tach output, Locked-Rotor protection, Reverse Polarity Over-voltage protection, Soft Start Protection.



Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G220-072PS-03	230	168	1.27	1185	979	3250	70



Technical drawing of the 100W/24V LED light fixture, showing side, front, and top views with dimensions.

Side View Dimensions:

- Overall height: 220
- Height to top of main body: 161
- Height to top of mounting bracket: 72
- Mounting bracket width: 75
- Mounting bracket thickness: 5.5
- Bottom flange width: 38
- Bottom flange height: 84.5
- Bottom flange diameter: 101.8
- Bottom flange thickness: 2
- Bottom flange material: L=500mm

Front View Dimensions:

- Overall width: 152
- Width to center of mounting bracket: 245
- Width to center of bottom flange: 255
- Mounting bracket thickness: 4-Ø4.5
- Bottom flange thickness: 1.2
- Bottom flange material: 20

Top View Dimensions:

- Overall diameter: 190
- Mounting bracket diameter: 4-M6x10
- Bottom flange diameter: 4-M4x5
- Bottom flange thickness: 058

[illegible]

LWBE-225 Serise

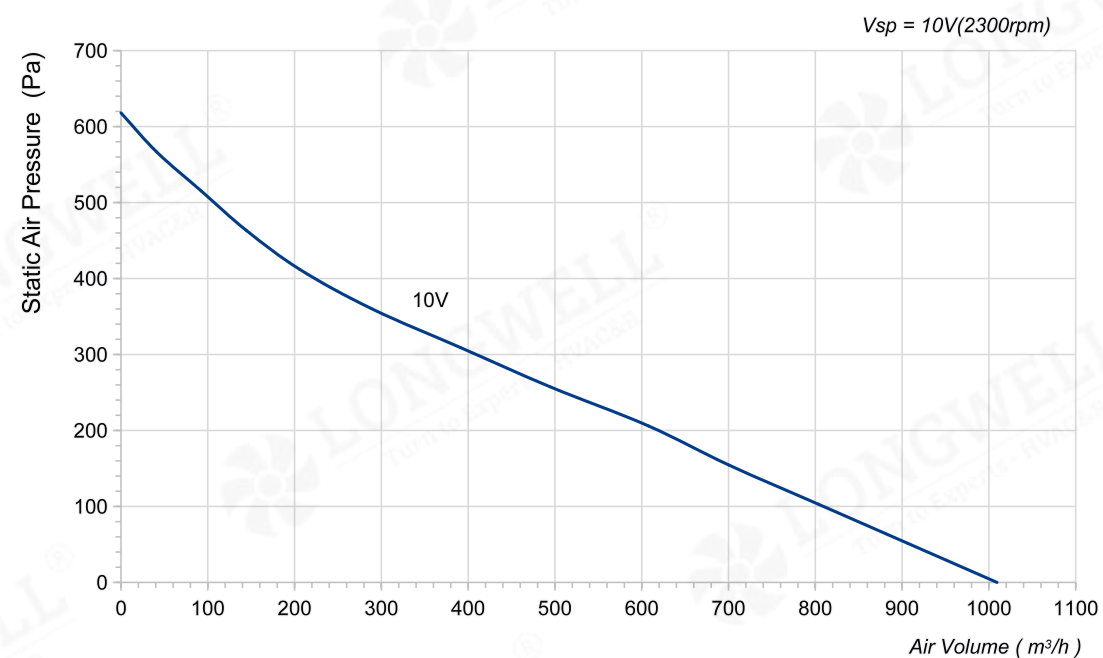
Product Characteristic

- Impeller Material: PA6+GF
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

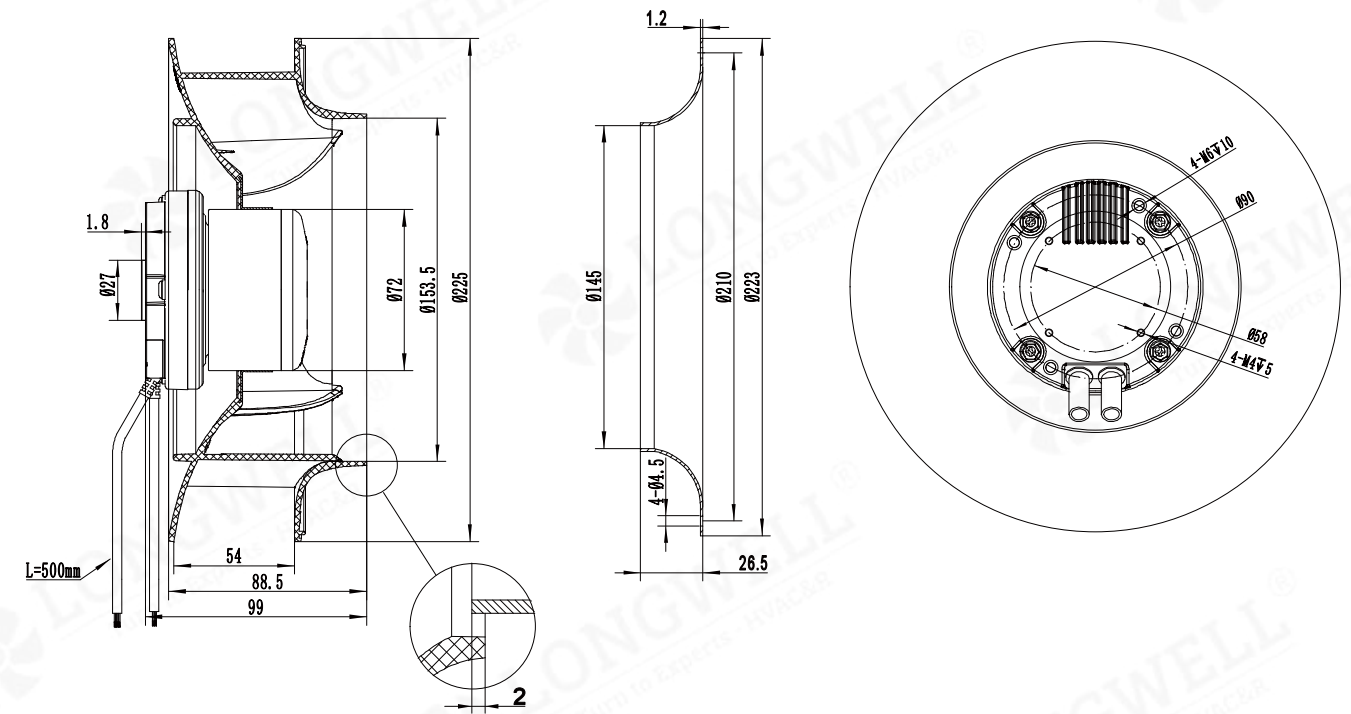


Technical Specifications

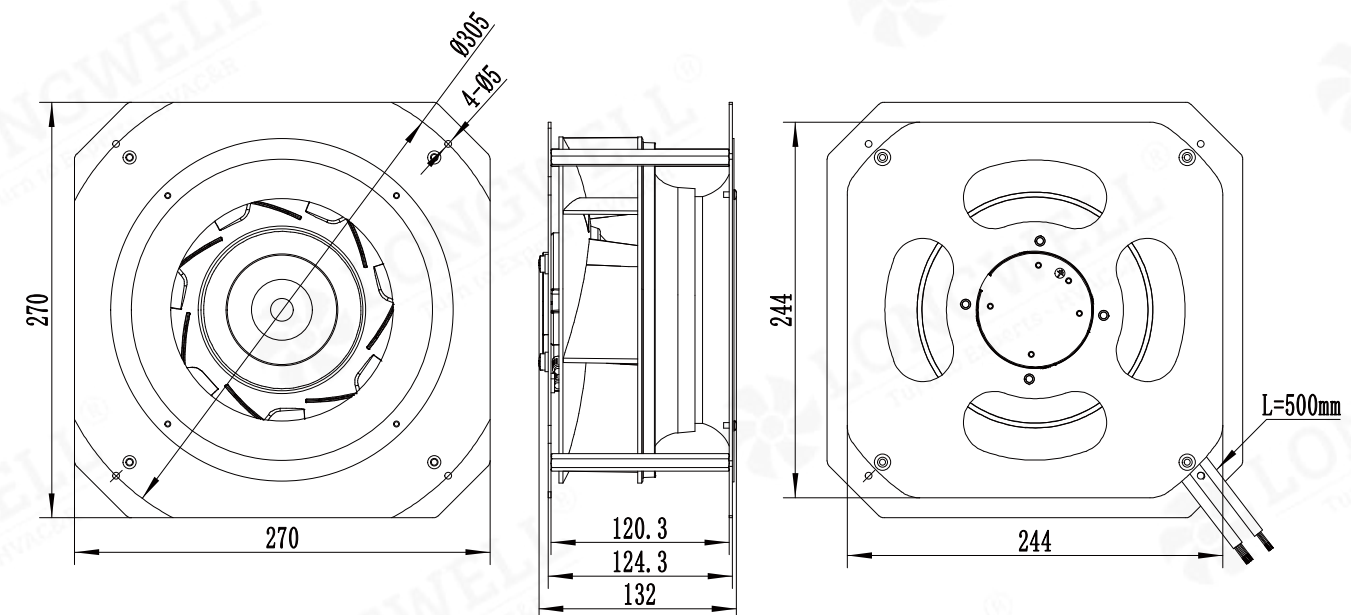
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G225-072PS-01	230	85	0.7	1009	618	2300	65



LWBE3G225-072NS-11 (without bracket)



LWBE3G225-072PS-01 (with bracket)



LWBE-225 Serise

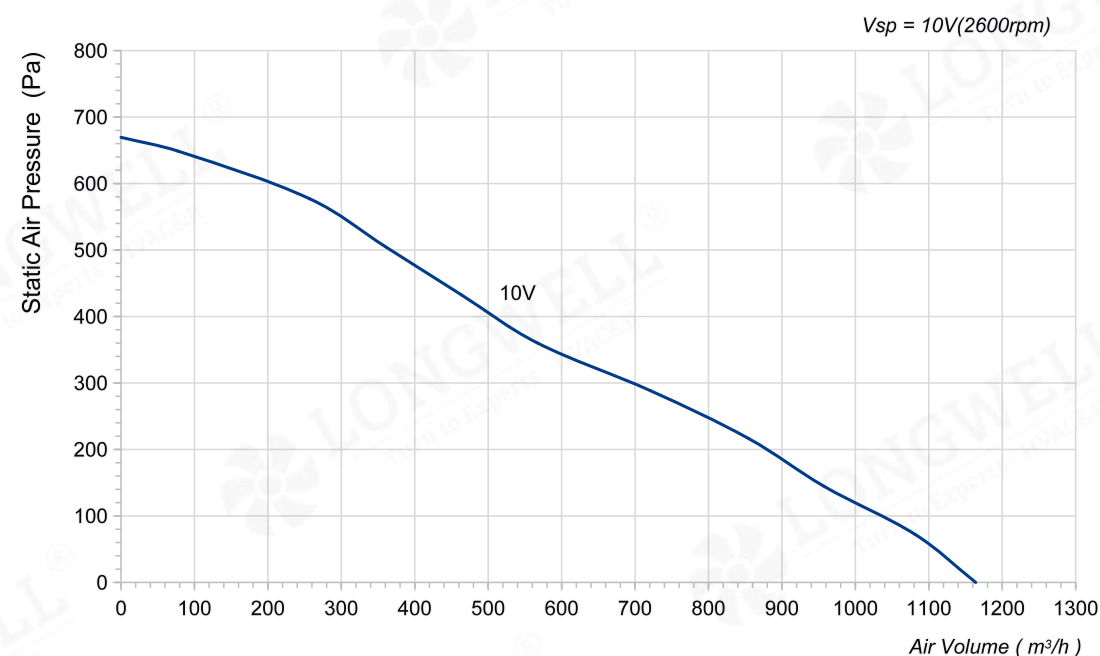
Product Characteristic

- Impeller Material: PA6+GF
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

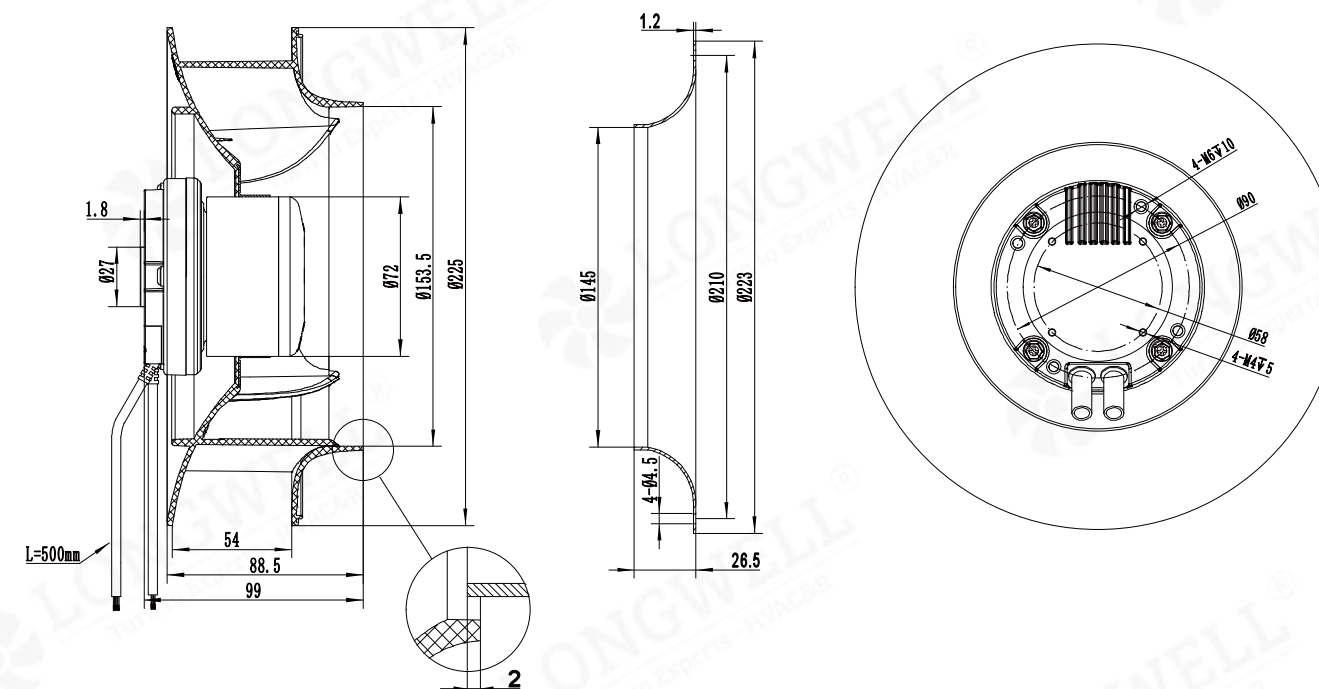


Technical Specifications

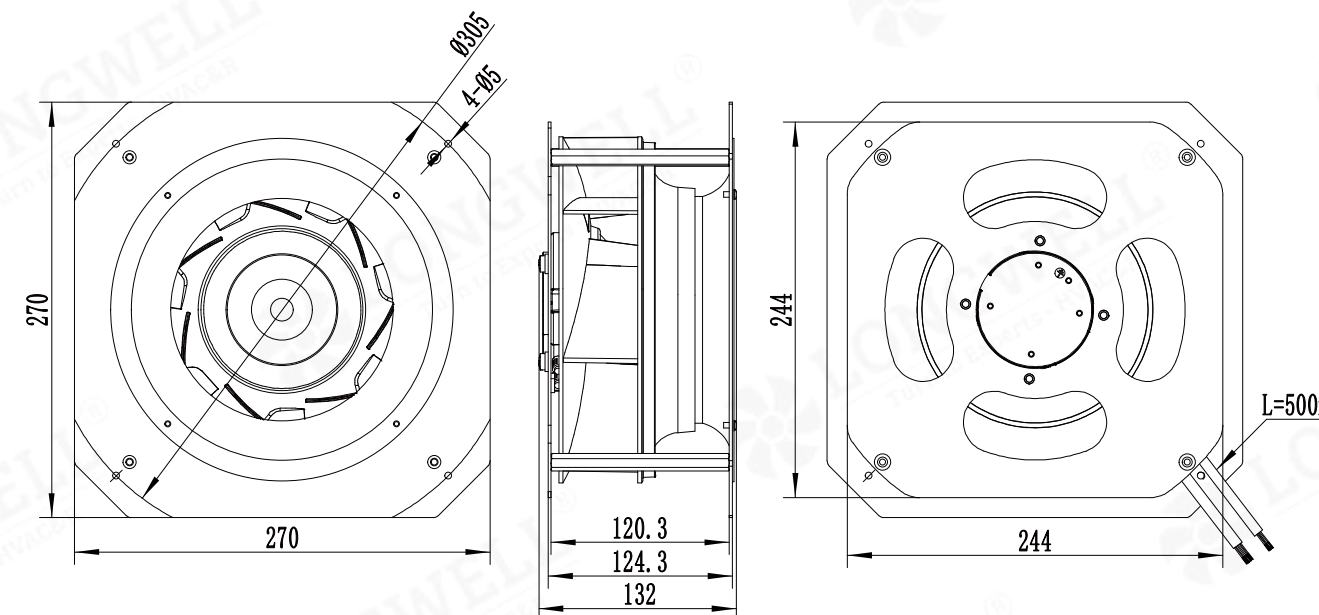
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G225-072PS-02	230	115	0.9	1185	670	2600	67



LWBE3G225-072NS-13 (without bracket)



LWBE3G225-072PS-02 (with bracket)



LWBE-225 Serise

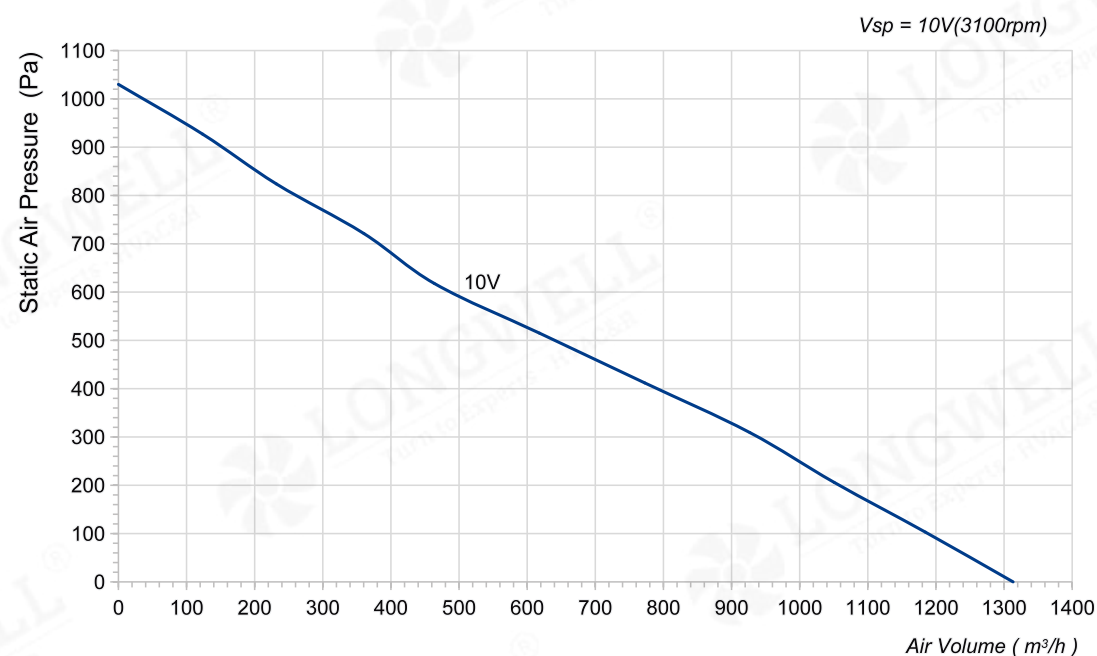
Product Characteristic

- Impeller Material: PA6+GF
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

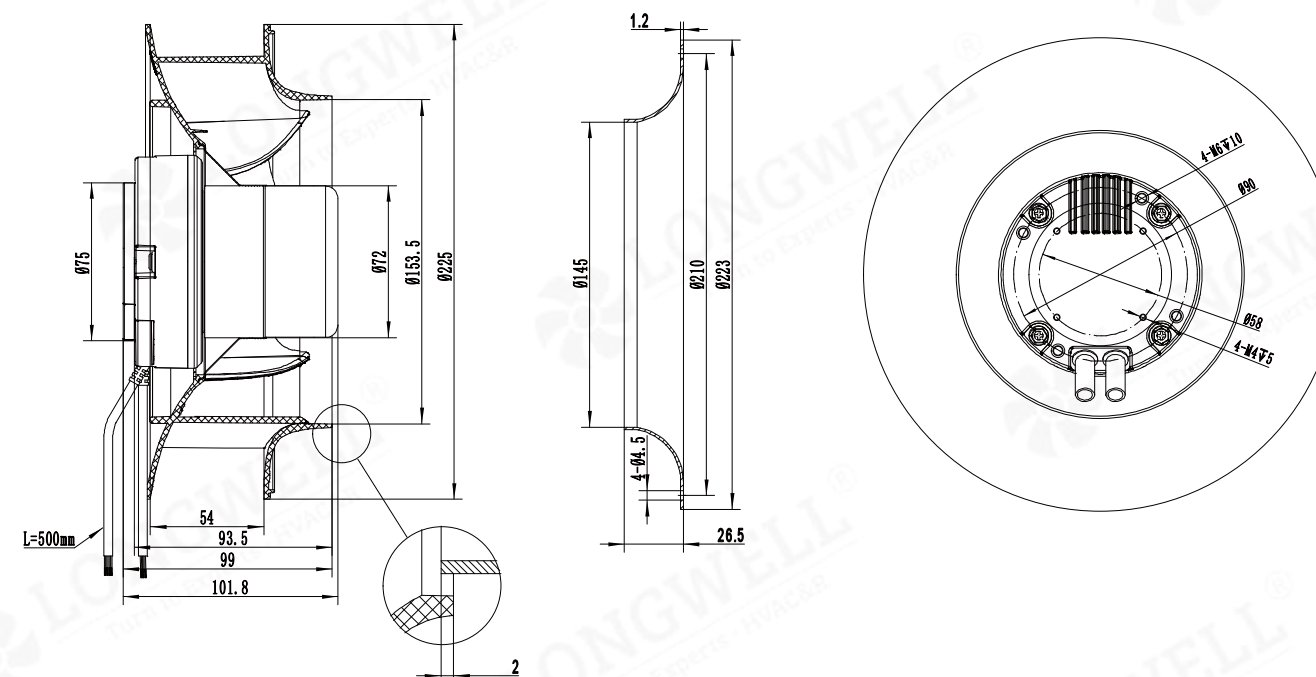


Technical Specifications

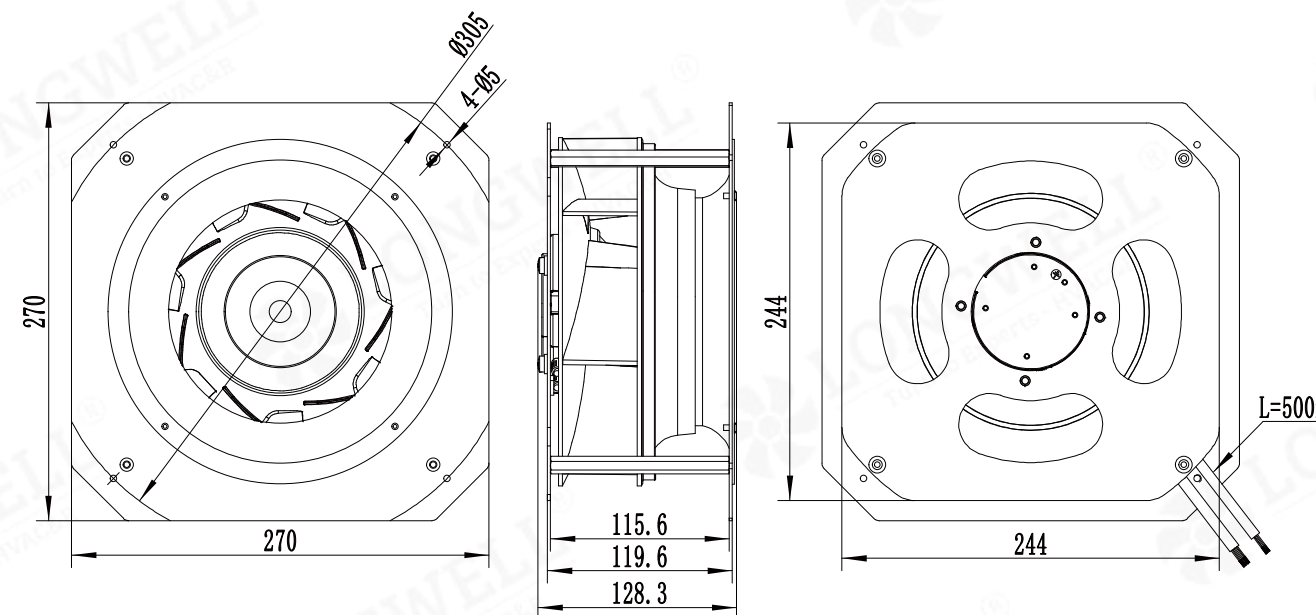
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G225-072PS-03	230	170	1.26	1313	1030	3100	70



LWBE3G225-072NS-07 (without bracket)



LWBE3G225-072PS-03 (with bracket)



LWBE-225 Serise

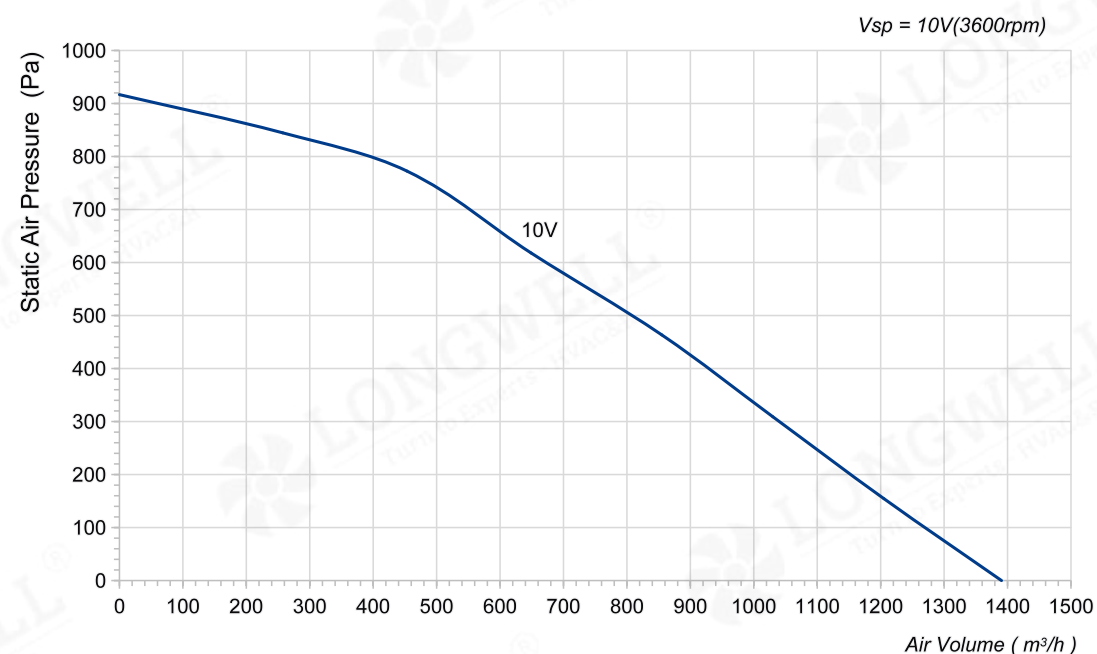
Product Characteristic

- Impeller Material: PA6+GF
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

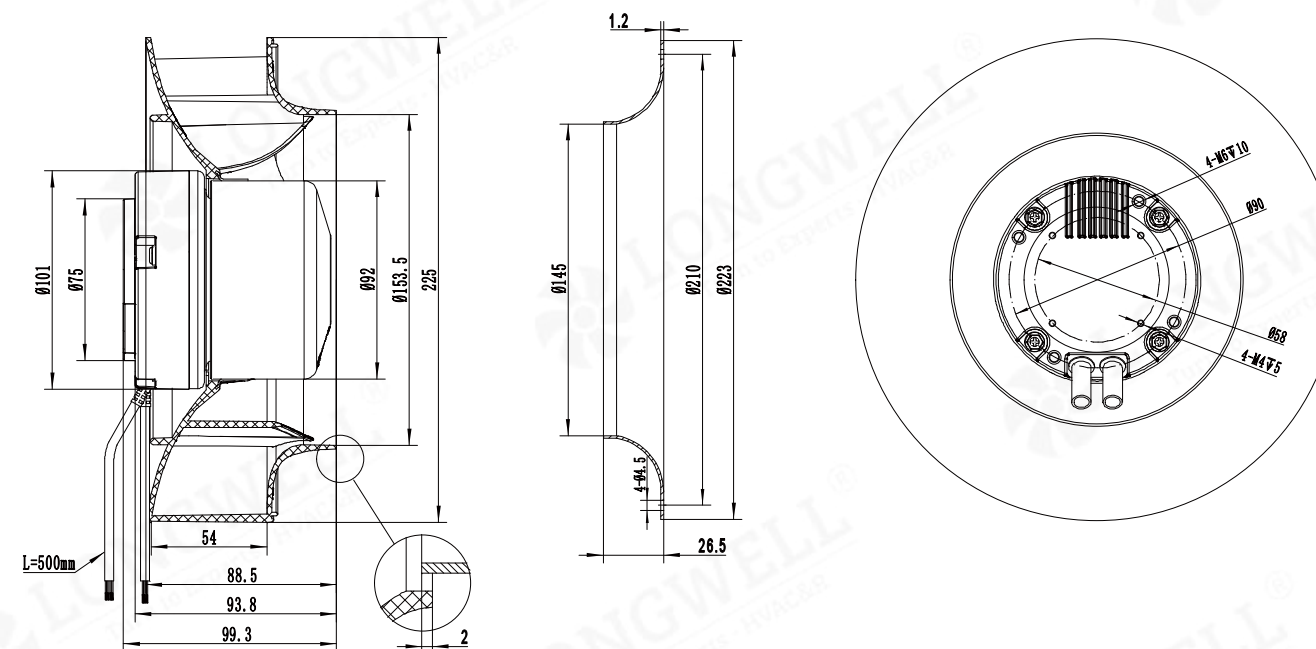


Technical Specifications

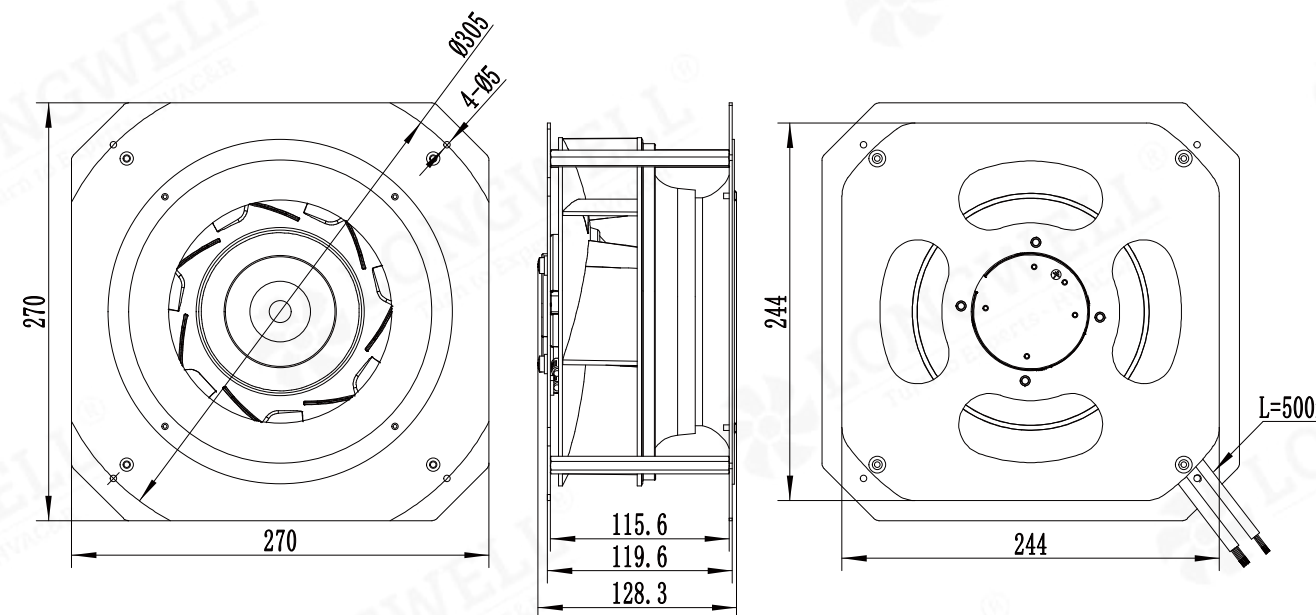
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G225-092PS-04	230	230	1.7	1360	906	3600	71



LWBE3G225-092NS-10 (without bracket)



LWBE3G225-092PS-04 (with bracket)



LWBE-250 Serise

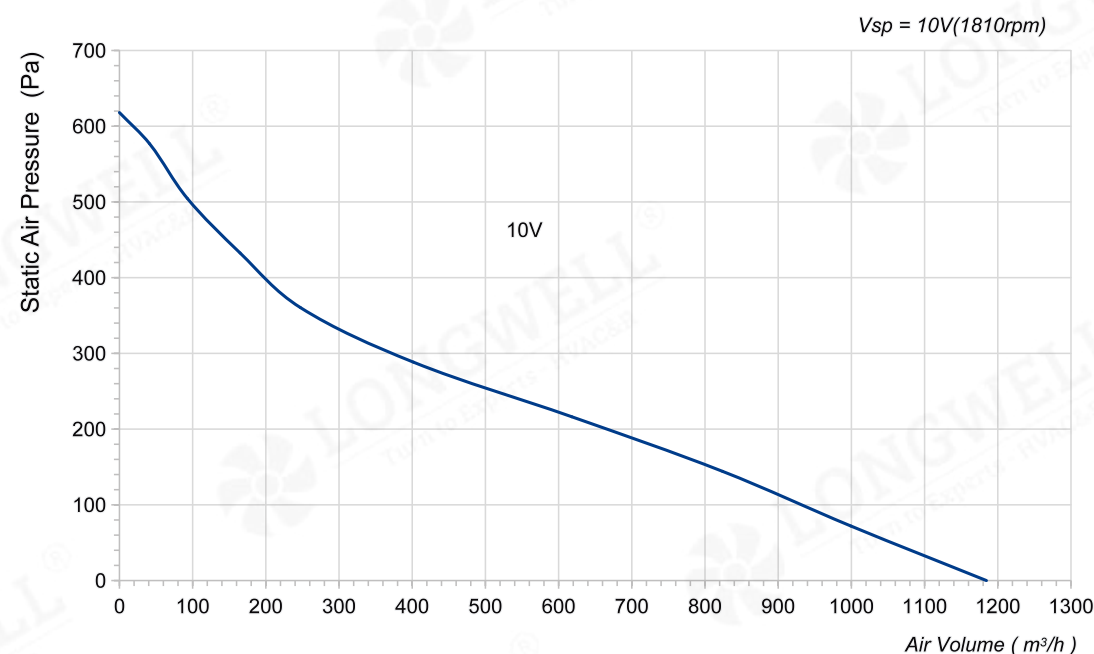
Product Characteristic

- Impeller Material: PA6+GF
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

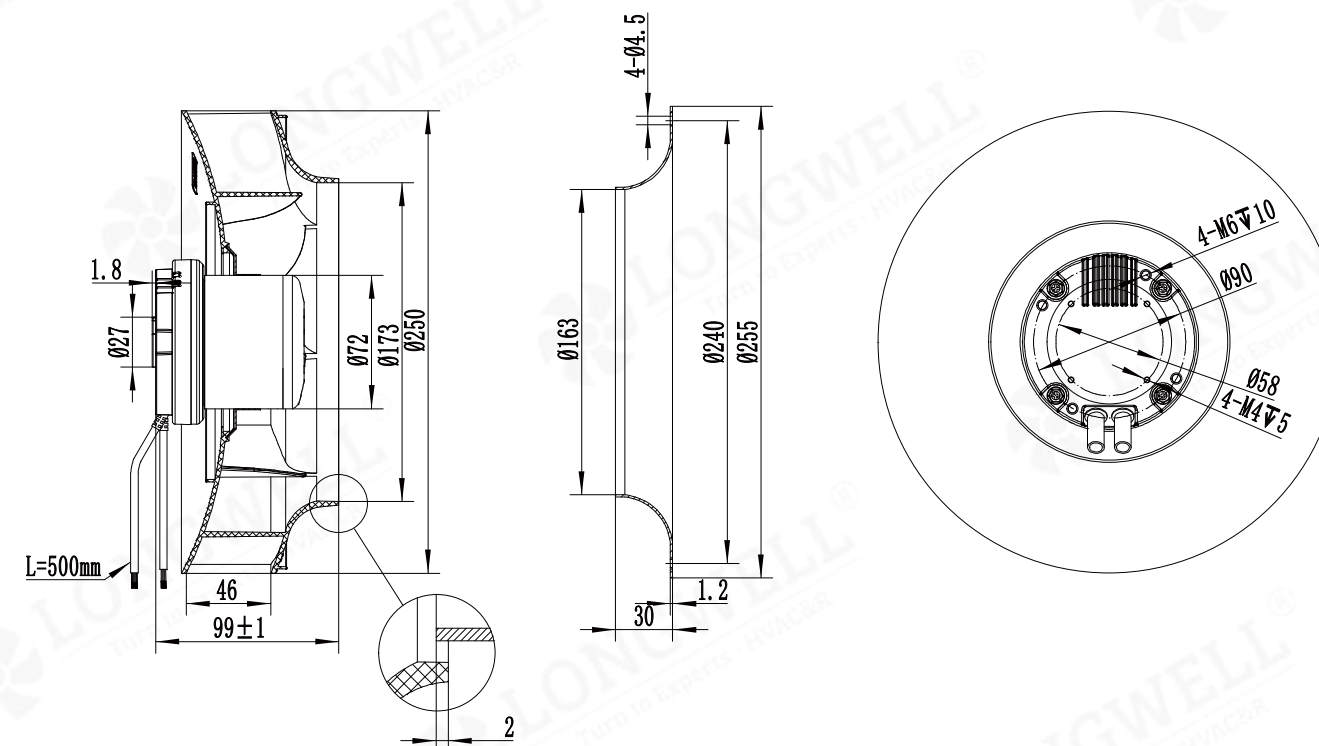


Technical Specifications

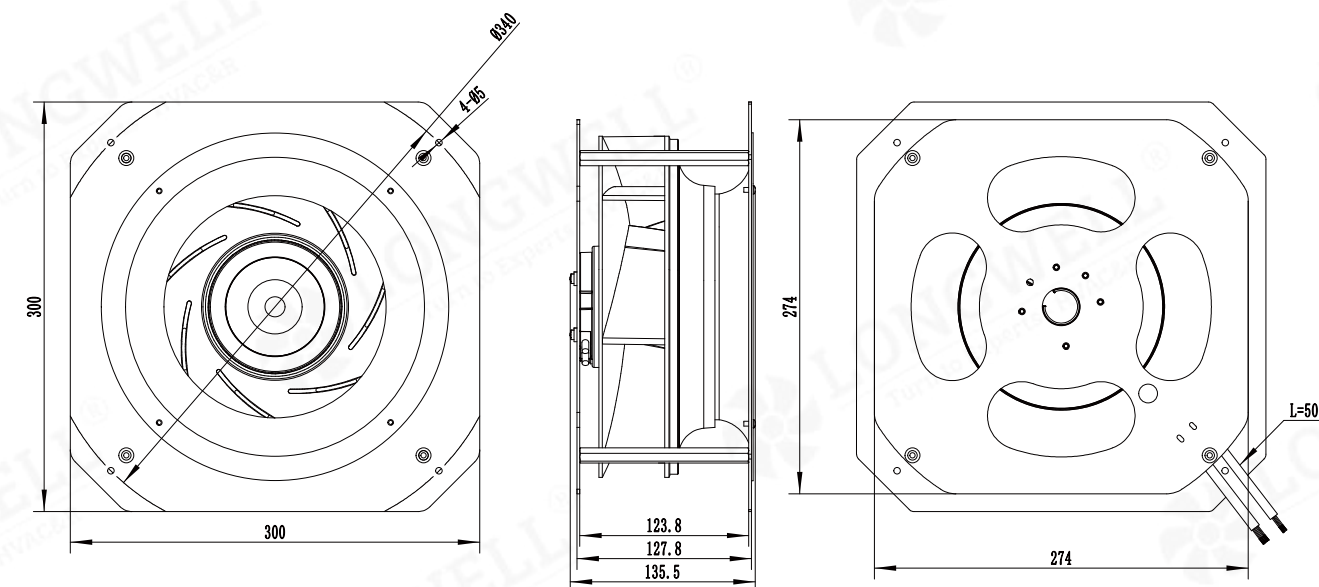
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G250-072PS-01	230	85	1.26	1185	618	1810	62



LWBE3G250-072NS-08 (without bracket)



LWBE3G250-072PS-01 (with bracket)



LWBE-250 Serise

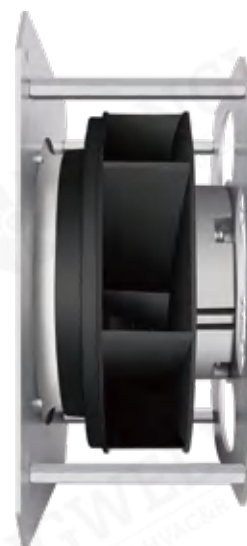
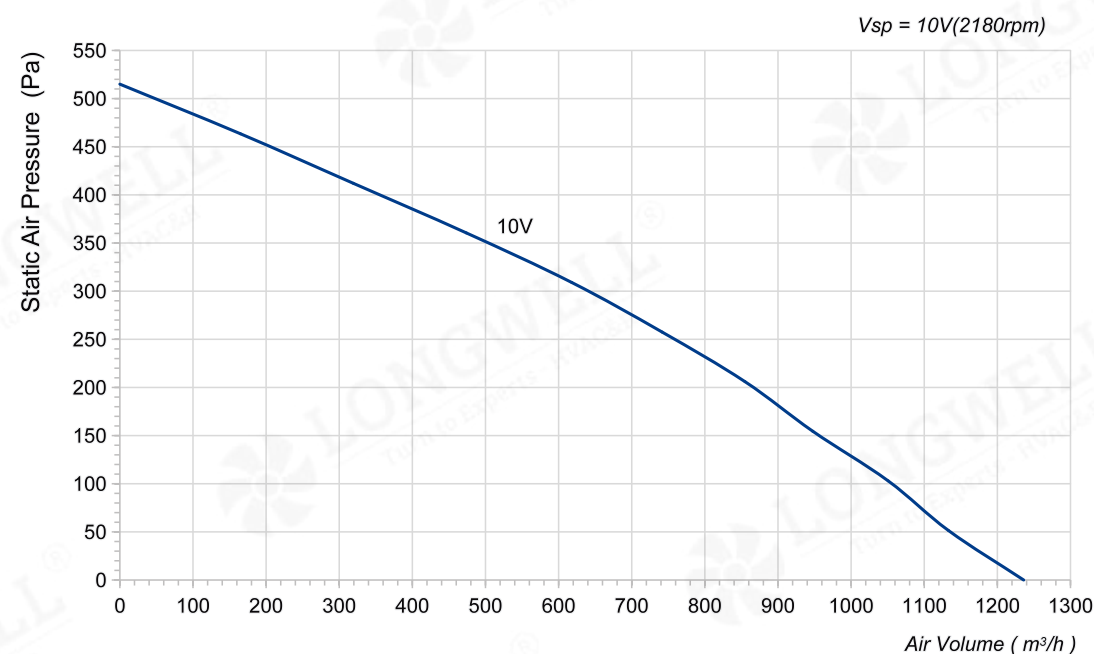
Product Characteristic

- Impeller Material: PA6+GF
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

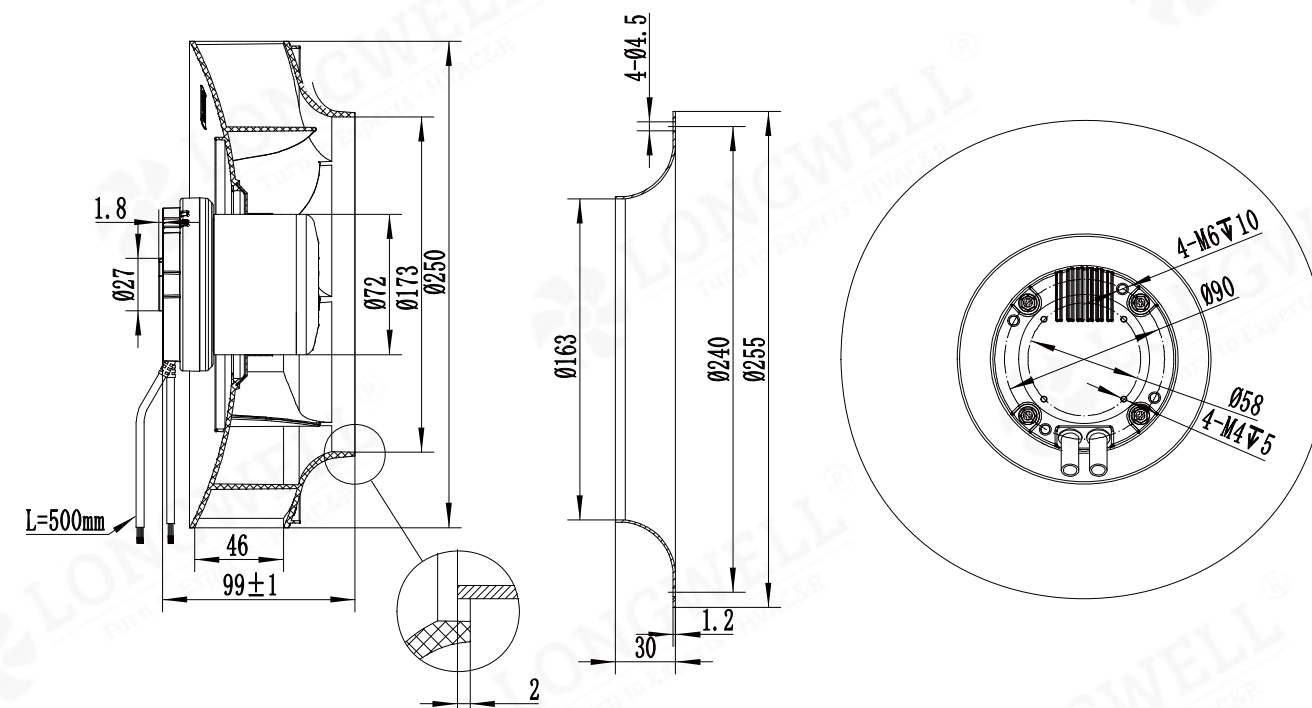


Technical Specifications

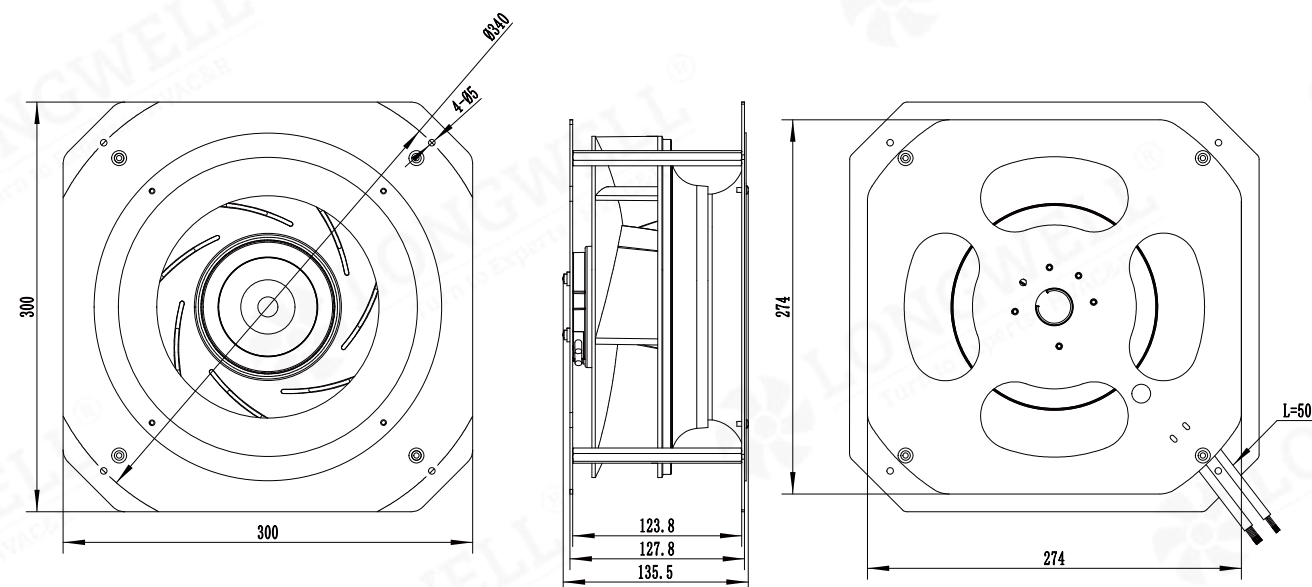
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G250-072PS-02	230	115	0.9	1236	515	2180	62



LWBE3G250-072NS-18 (without bracket)



LWBE3G250-072PS-02 (with bracket)



LWBE-250 Serise

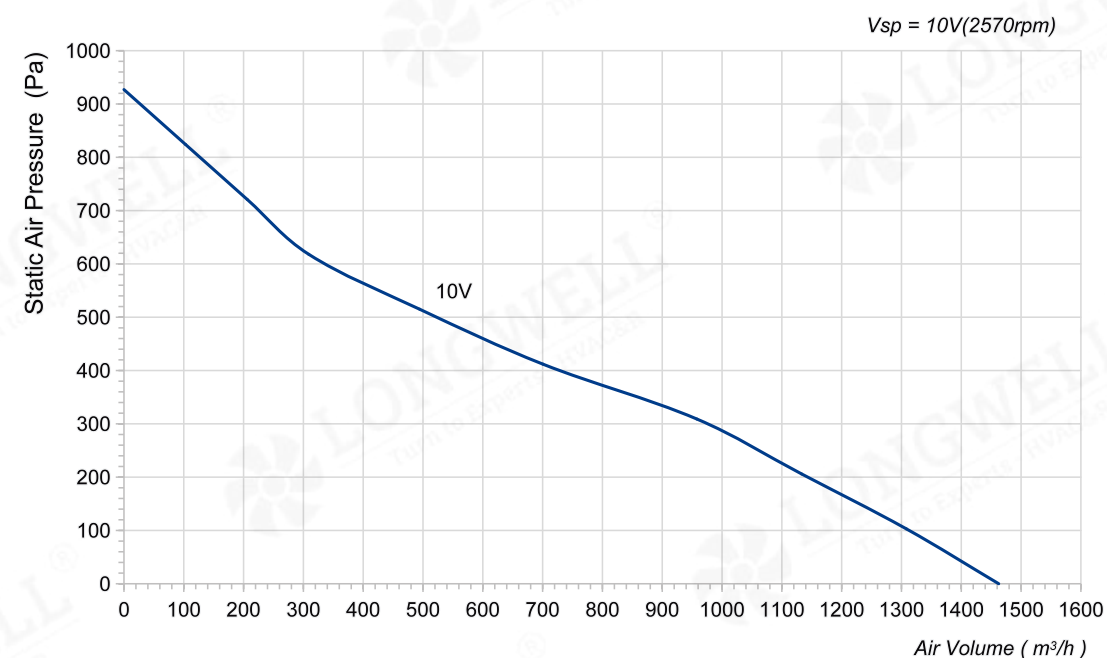
Product Characteristic

- Impeller Material: PA6+GF
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

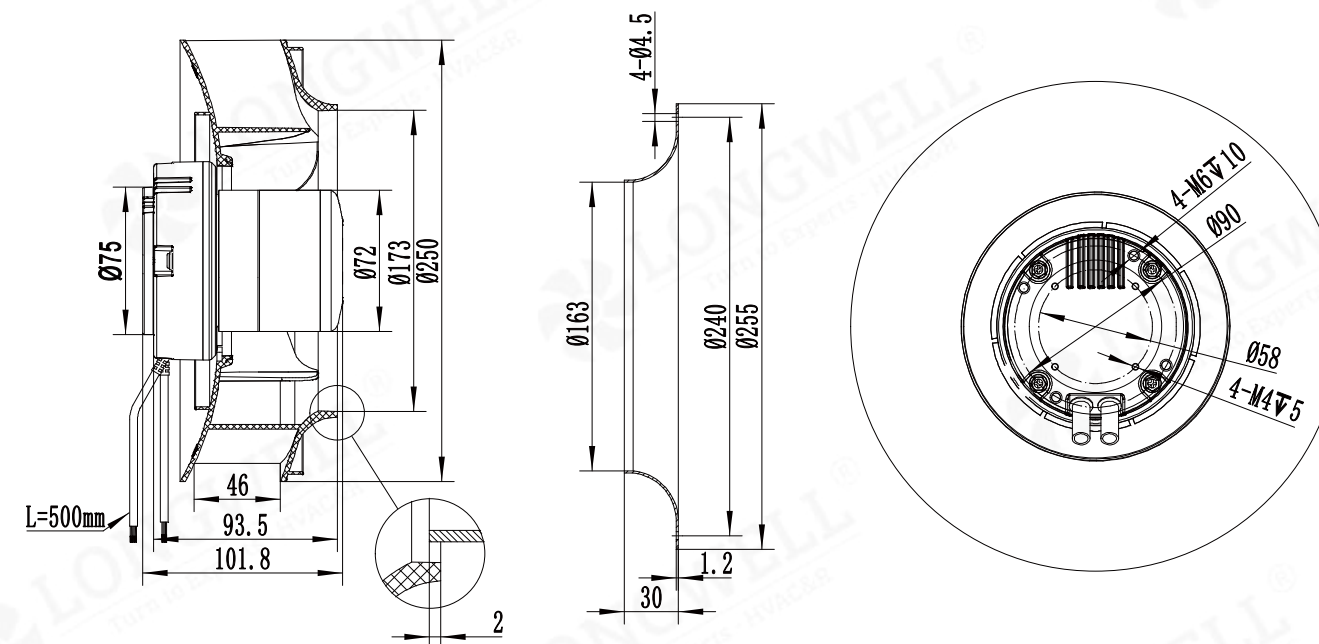


Technical Specifications

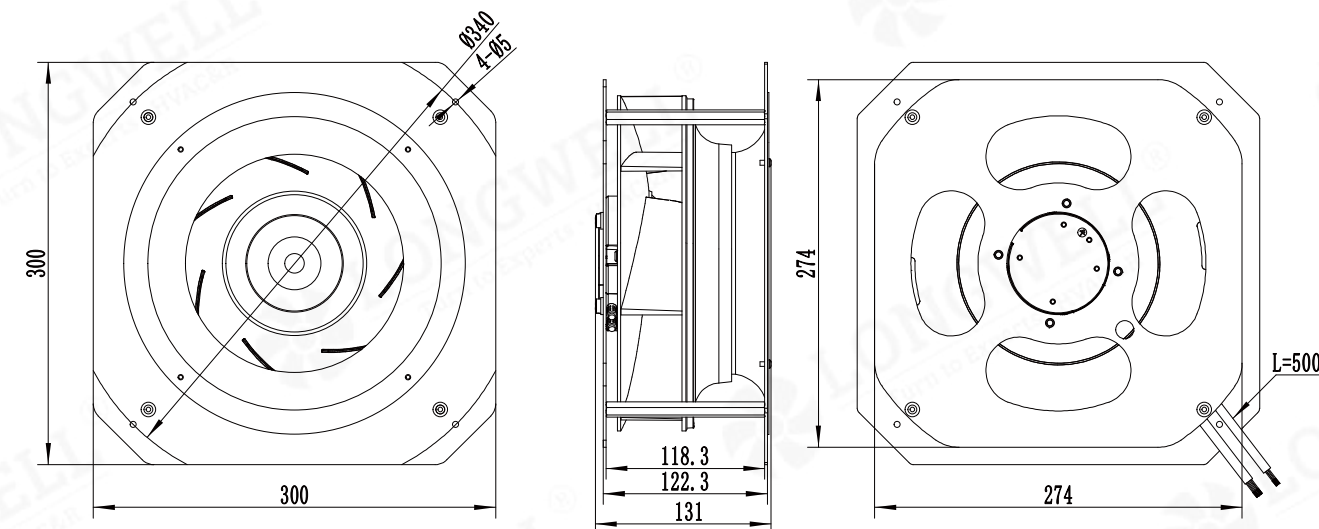
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G250-072PS-04	230	169	1.27	1478	927	2570	71



LWBE3G250-072NS-09 (without bracket)



LWBE3G250-072PS-04 (with bracket)



LWBE-250 Serise

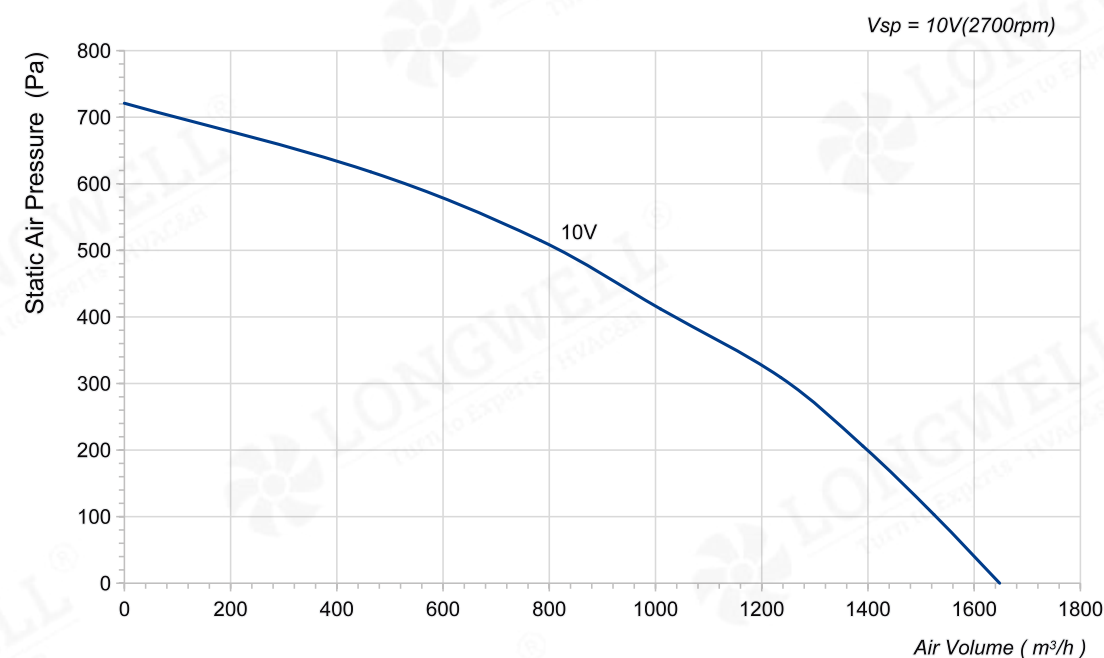
Product Characteristic

- Impeller Material: PA6+GF
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

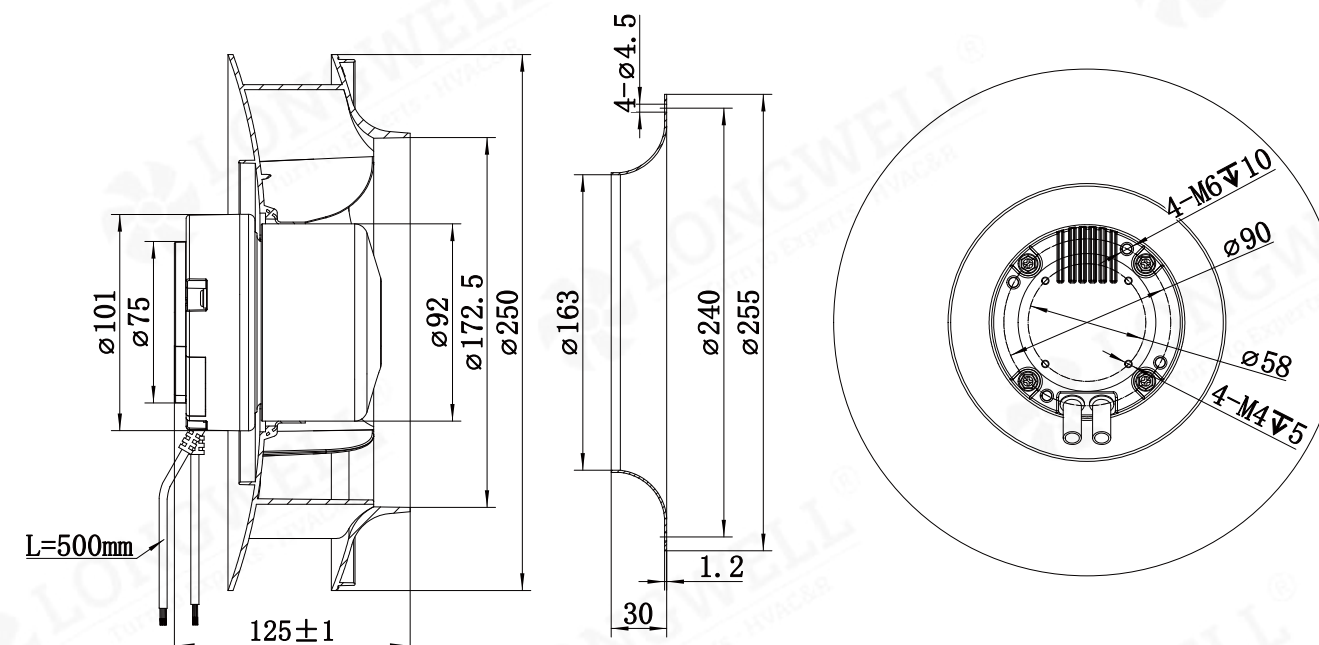


Technical Specifications

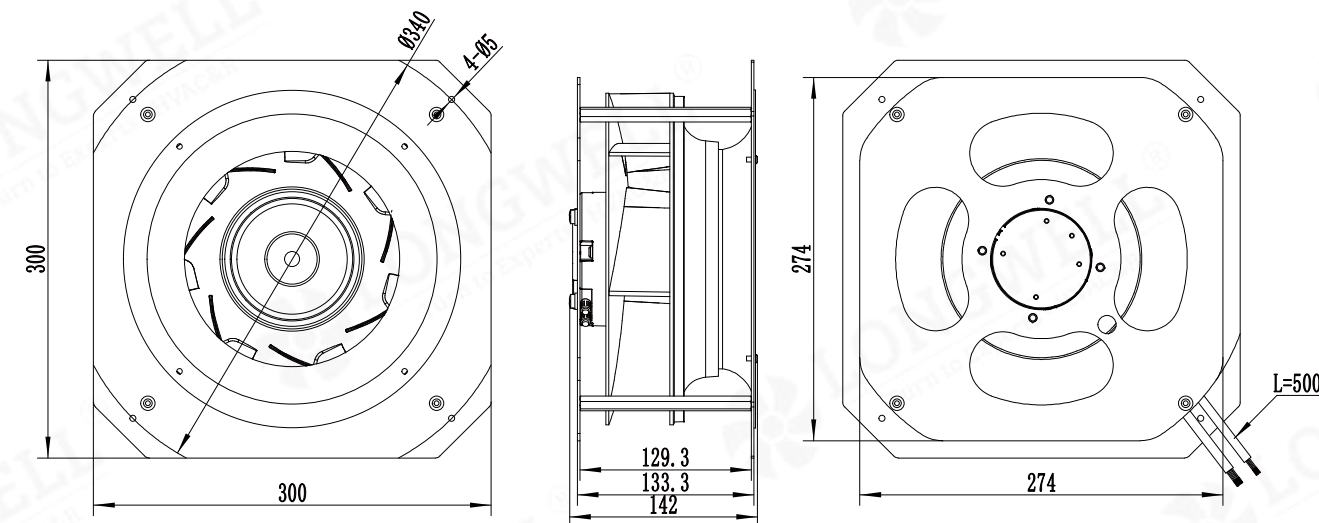
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G250-092PS-05	230	230	1.65	1648	721	2700	71



LWBE3G250-092NS-19 (without bracket)



LWBE3G250-092PS-05 (with bracket)



LWBE-250 Serise

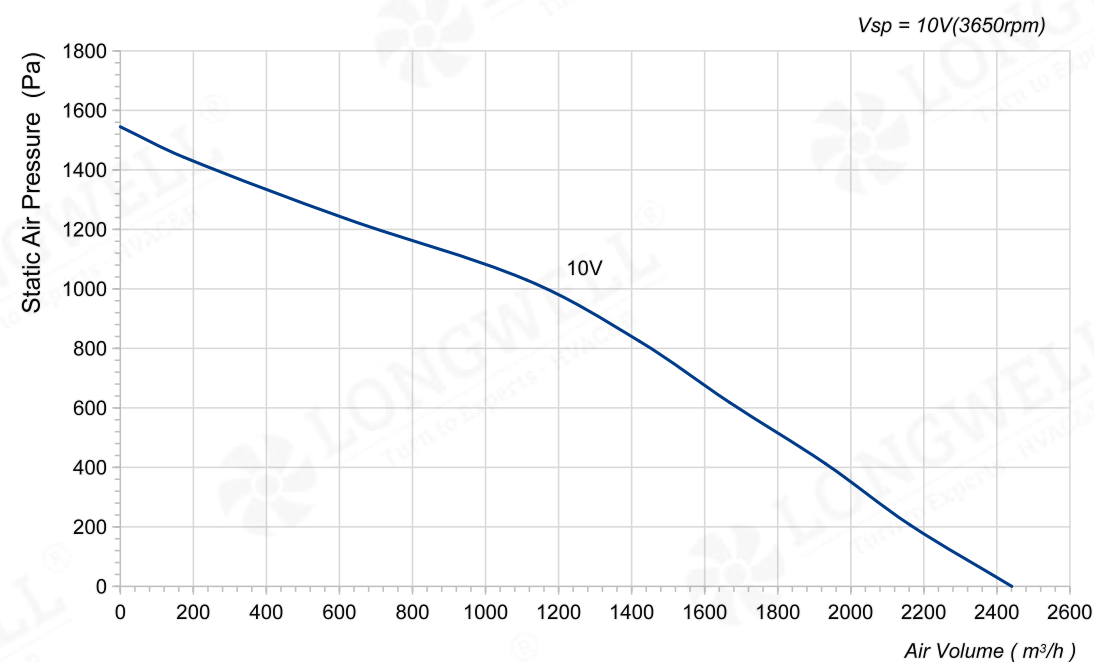
Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃ ~ +60℃
- Technical Feature: Control input 0-10VDC/PWM, Tach output, Locked-Rotor protection, Reverse Polarity Over-voltage protection, Soft Start Protection.

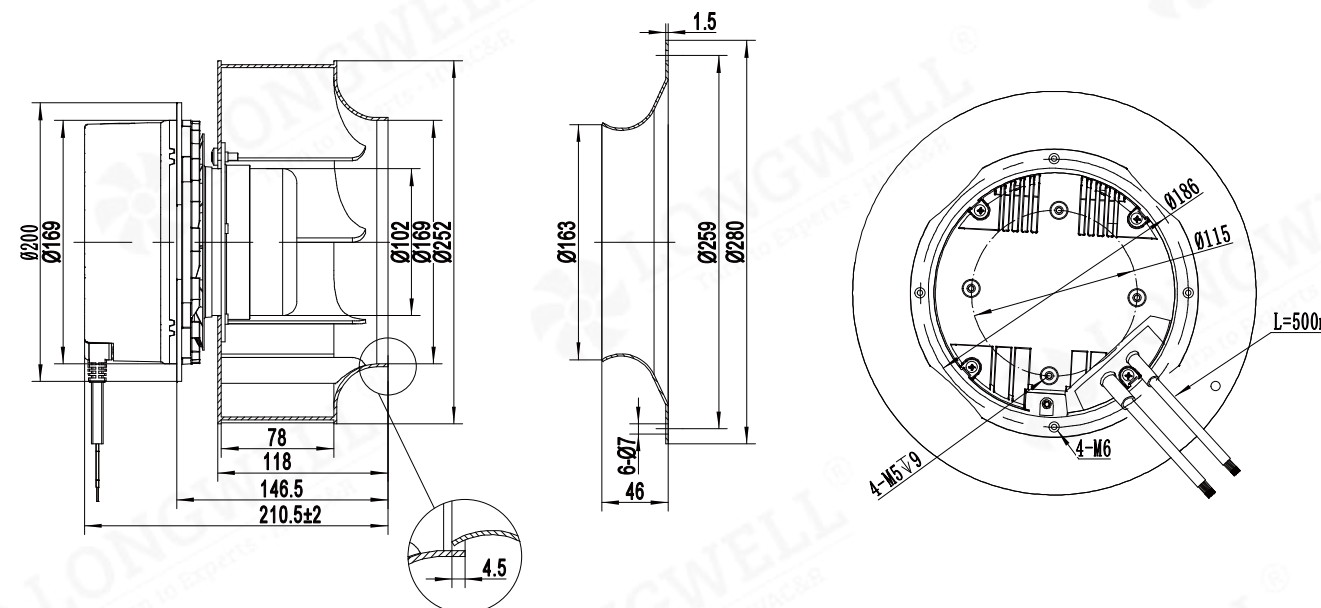


Technical Specifications

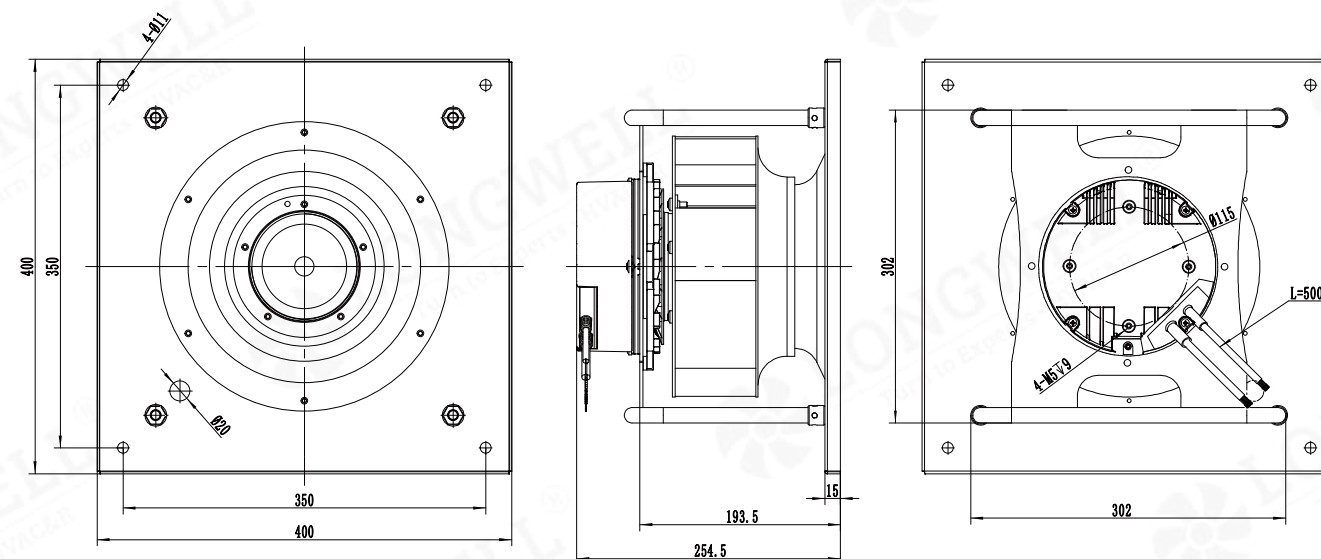
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G250-102PS-06	230	520	2.5	2472	1545	3650	85



LWBE3G250-102NS-10 (without bracket)



LWBE3G250-102PS-06 (with bracket)



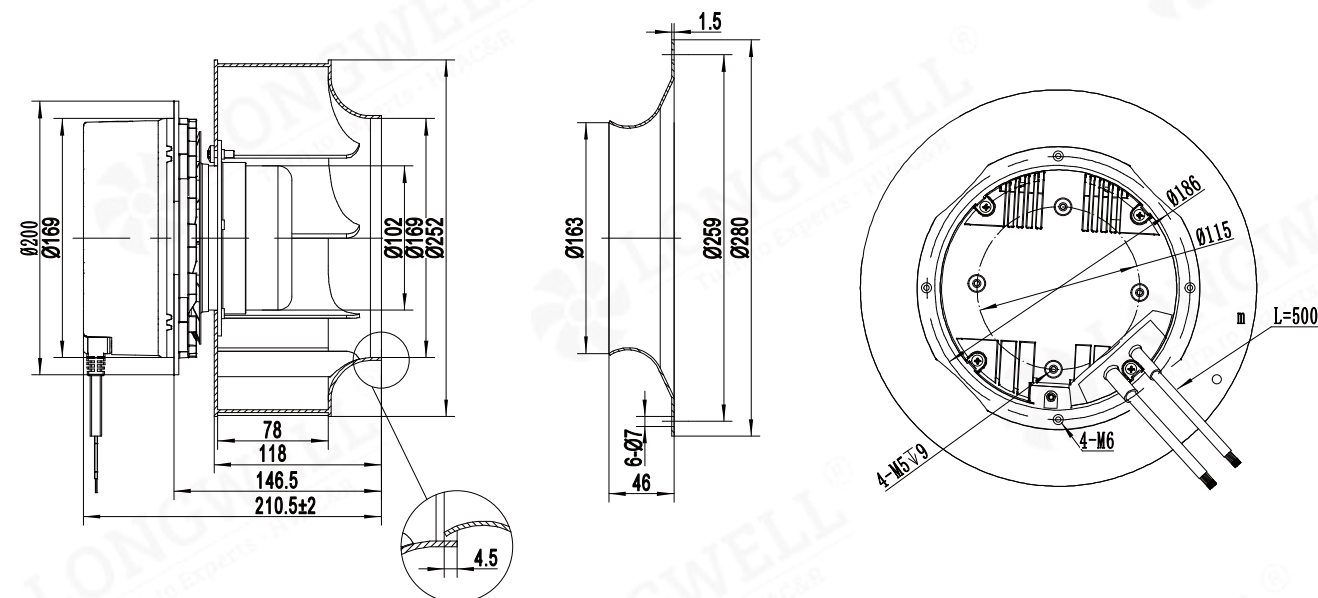
LWBE-250 Serise

Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

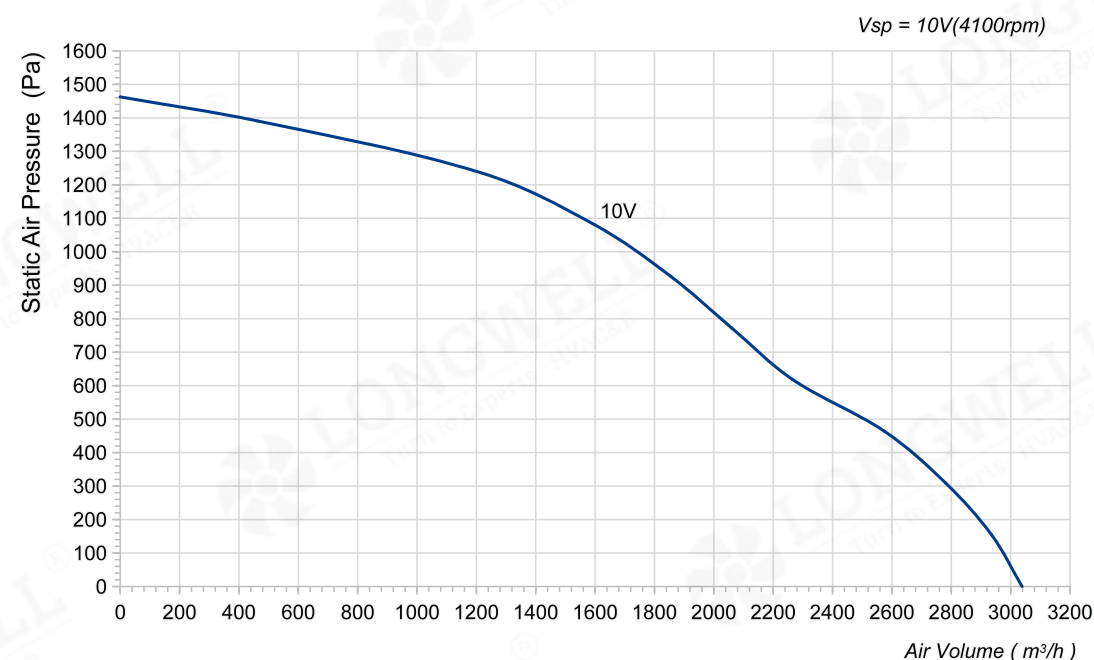


LWBE3G250-102NS-20 (without bracket)

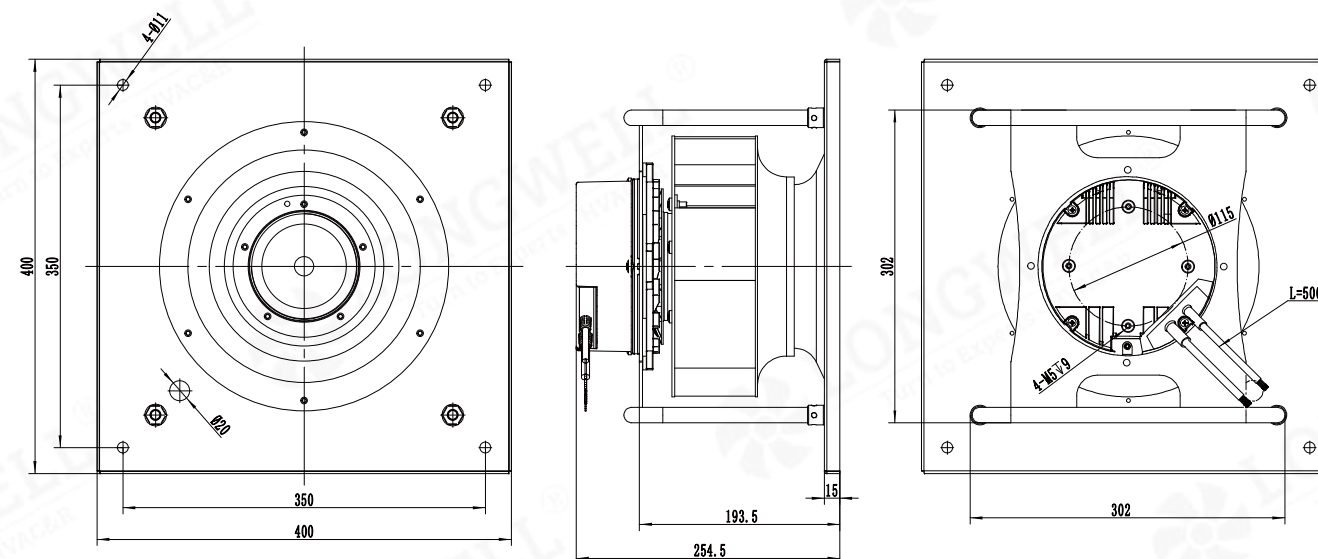


Technical Specifications

Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G250-102PS-07	230	750	3.4	3039	1442	4100	93



LWBE3G250-102PS-07 (with bracket)



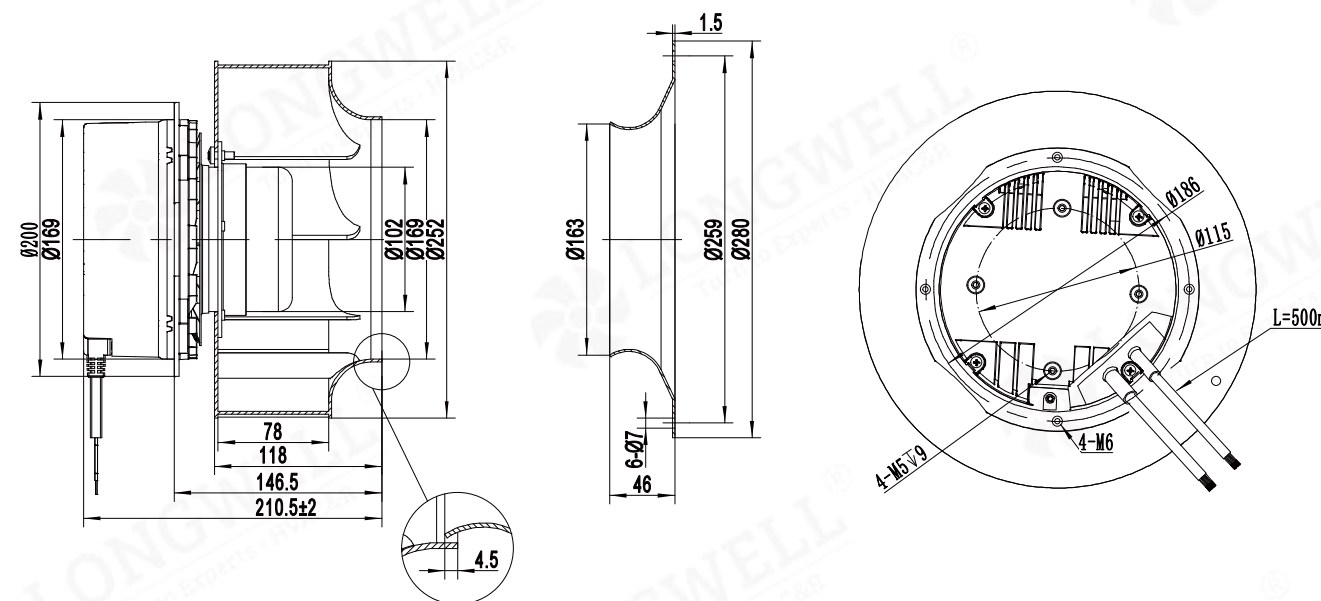
LWBE-250 Serise

Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 400V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

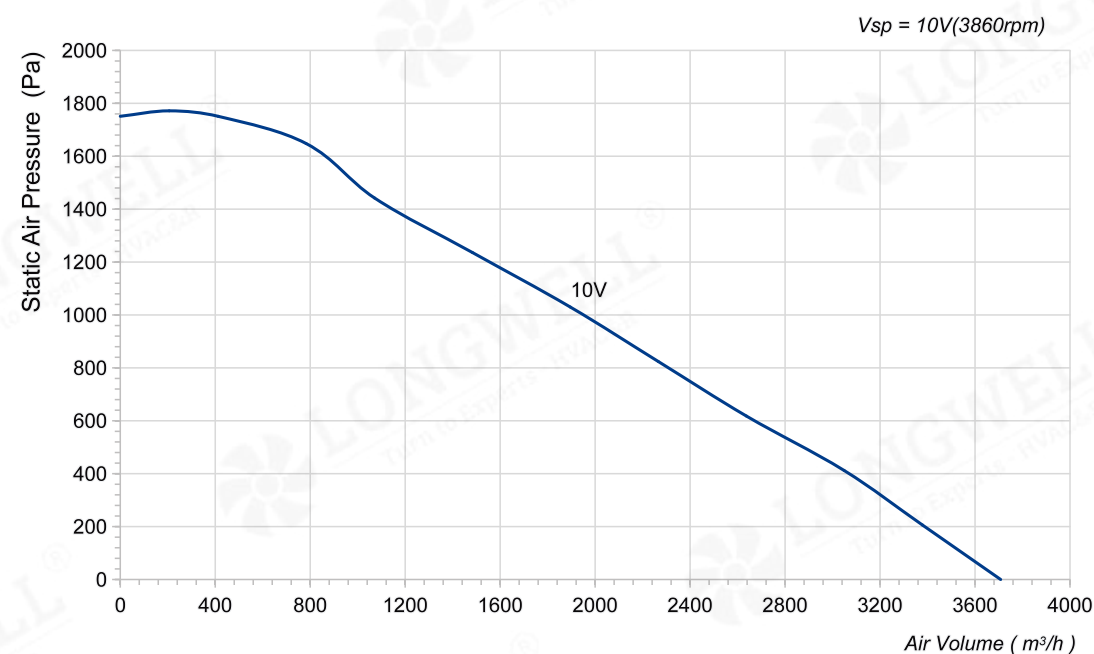


LWBE3G250-102NT-21 (without bracket)

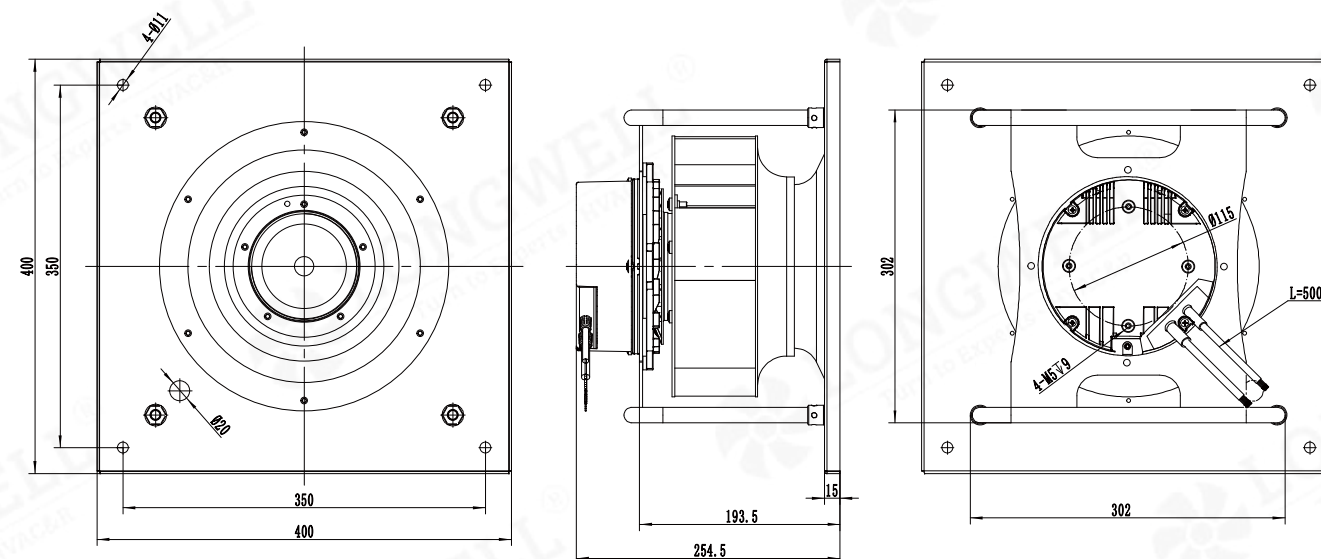


Technical Specifications

Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G250-102PT-08	400	1000	1.6	3708	1751	3860	92



LWBE3G250-102PT-08 (with bracket)



LWBE-280 Serise

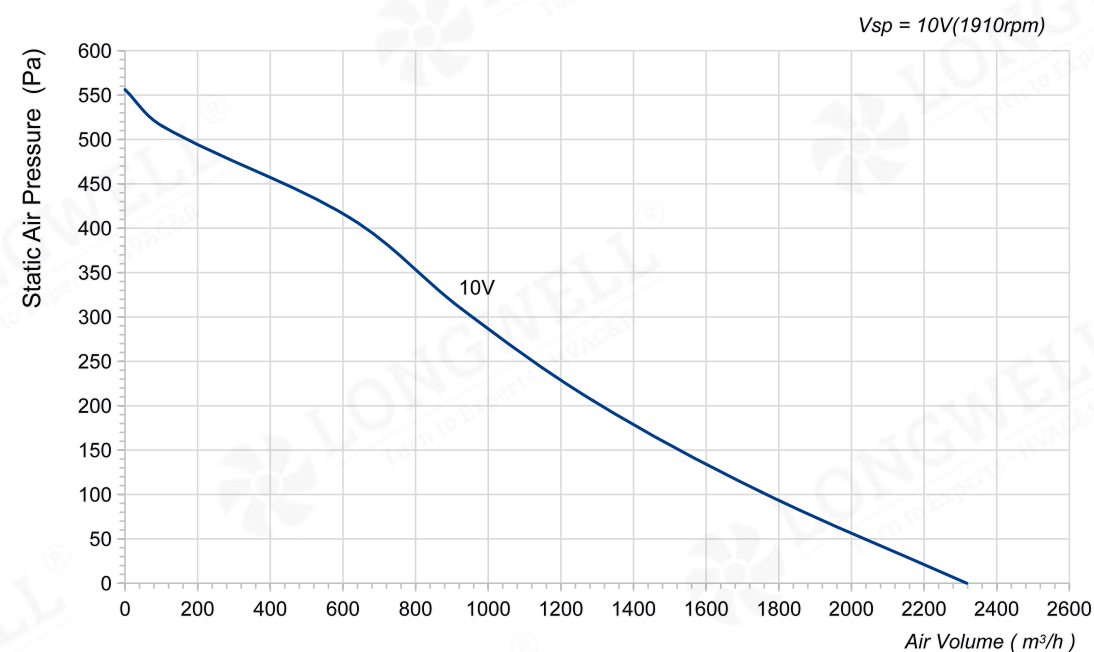
Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

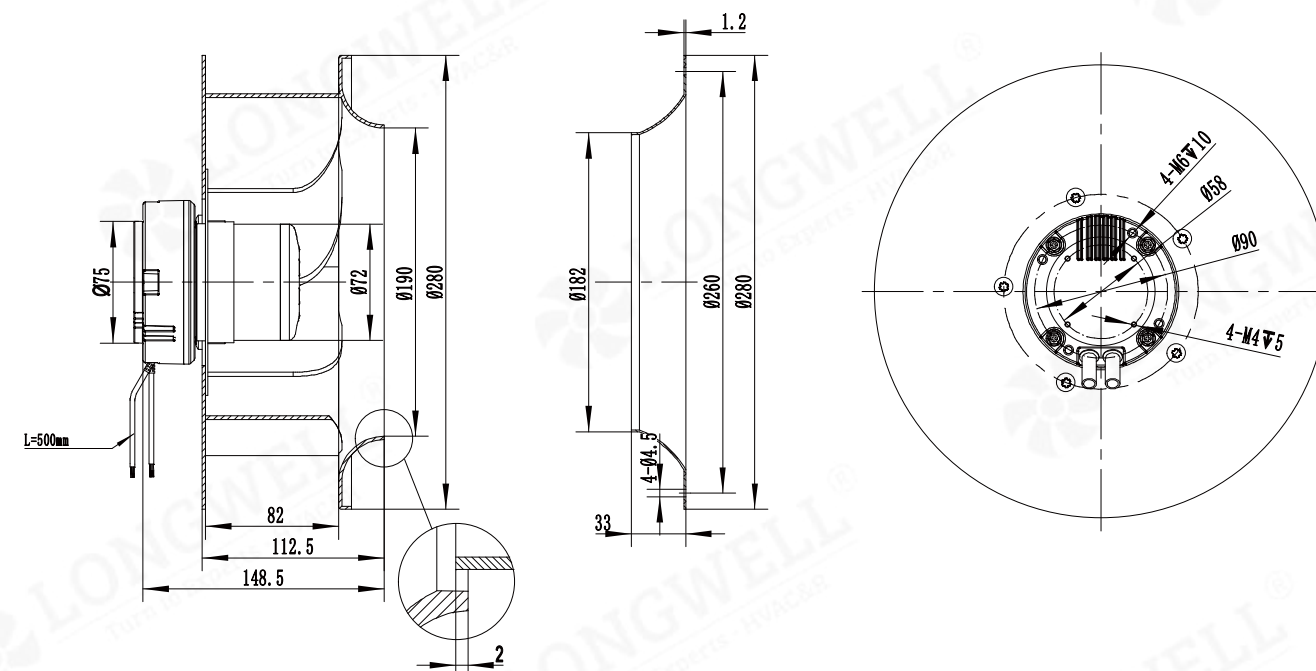


Technical Specifications

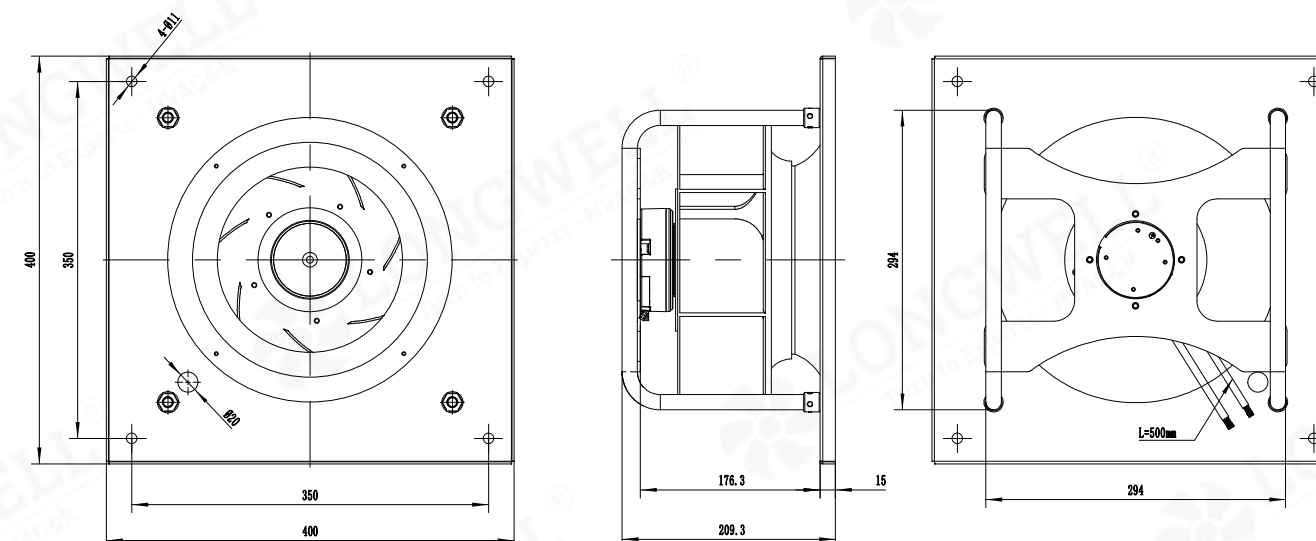
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G280-072PS-01	230	170	1.2	2318	556	1910	73



LWBE3G280-072NS-12 (without bracket)



LWBE3G280-072PS-01 (with bracket)



LWBE-280 Serise

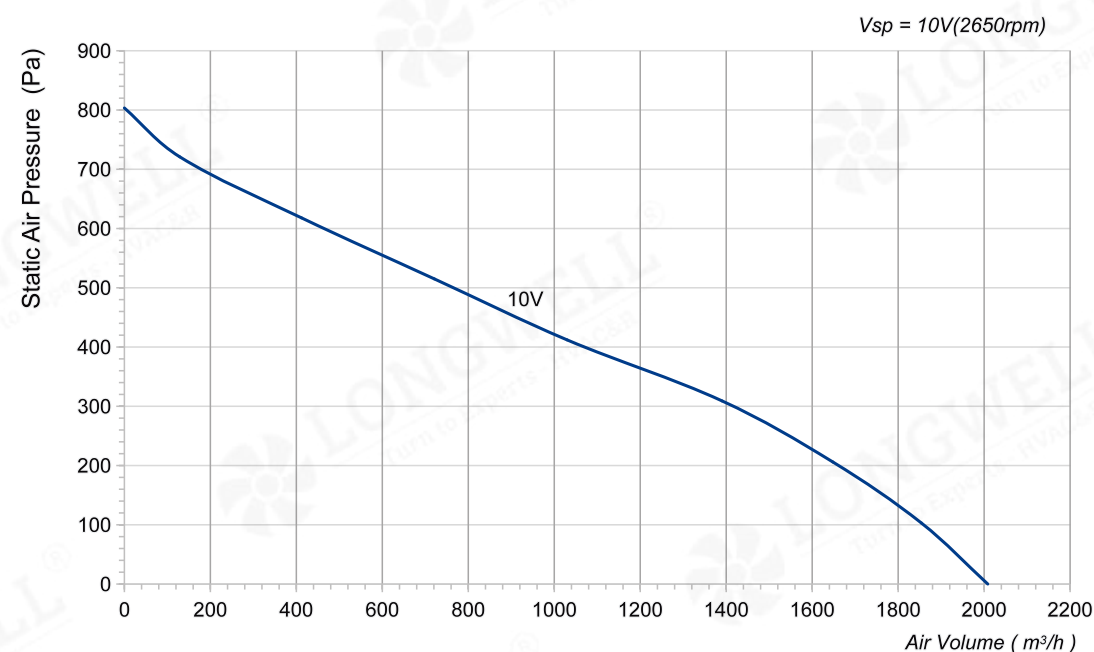
Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

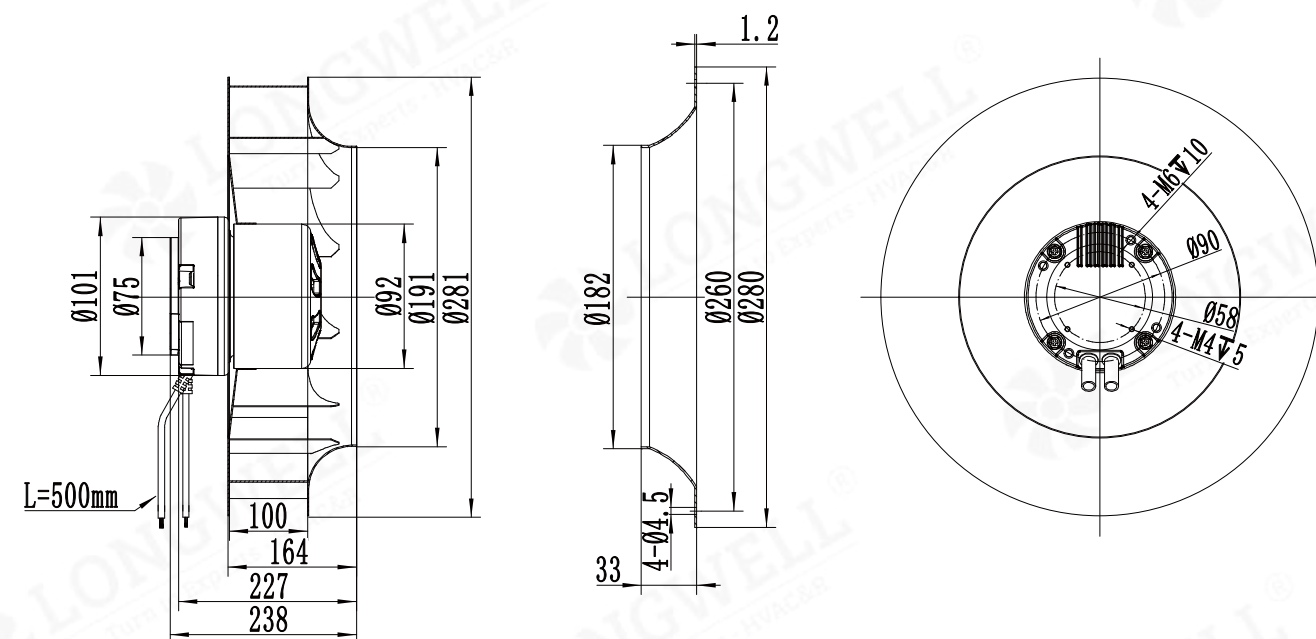


Technical Specifications

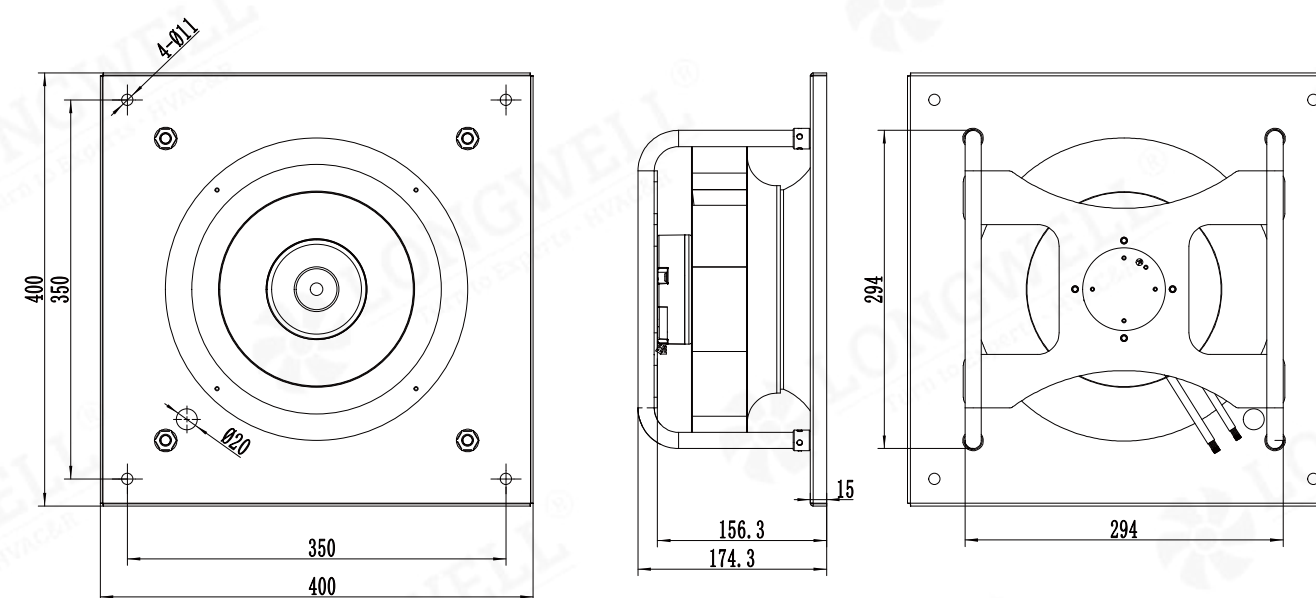
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G280-092PS-03	230	225	1.6	2009	803	2650	70



LWBE3G280-092NS-11 (without bracket)



LWBE3G280-092PS-03 (with bracket)



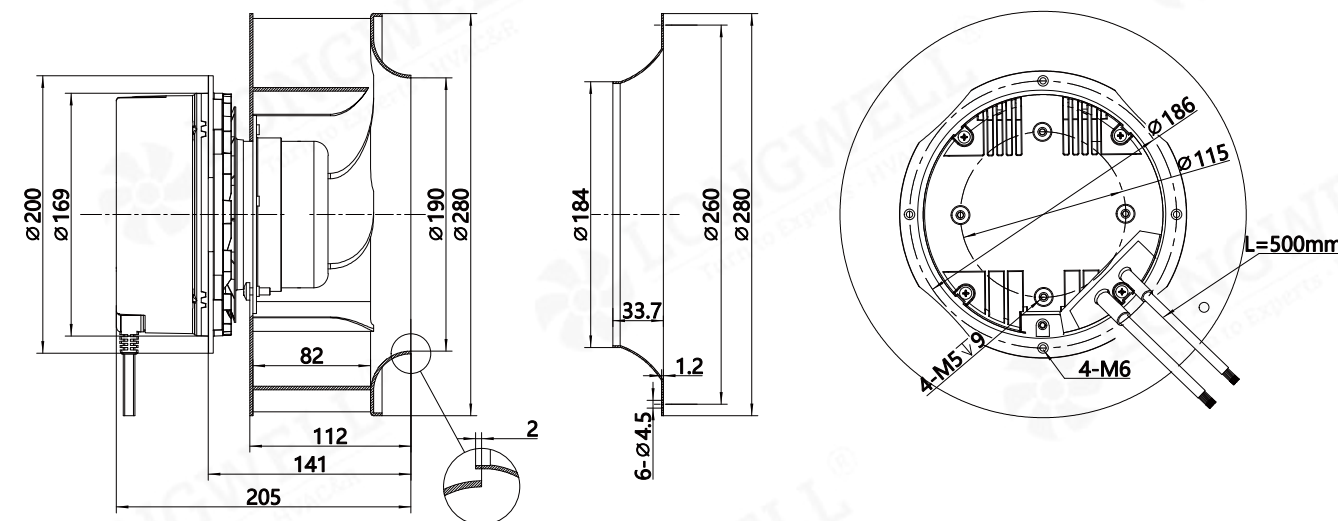
LWBE-280 Serise

Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

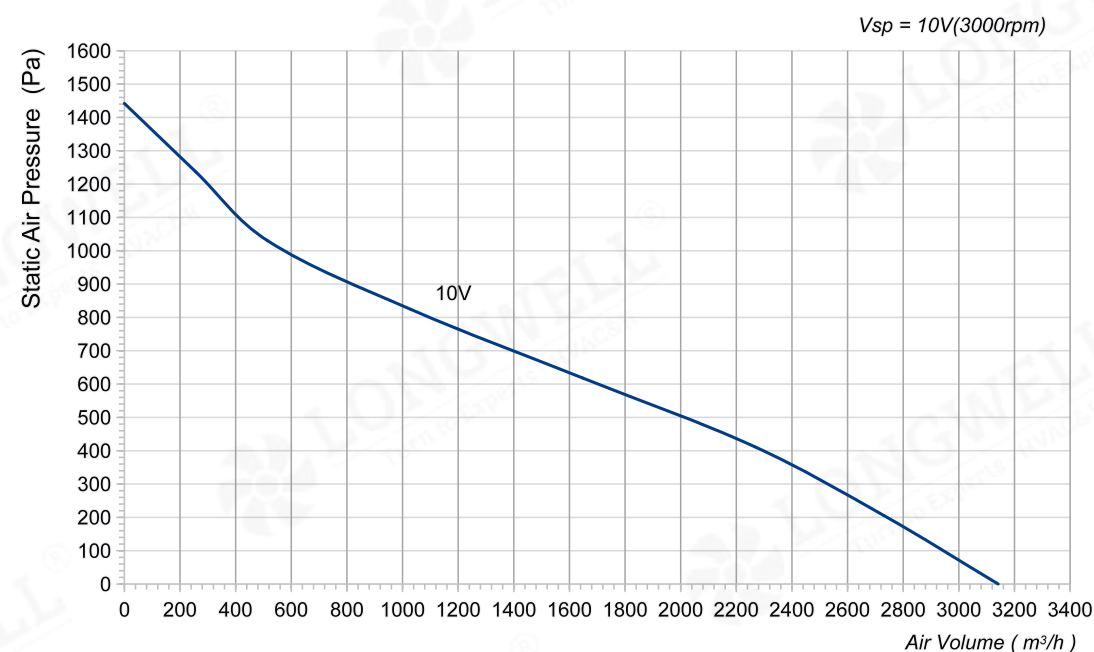


LWBE3G280-102NS-16 (without bracket)

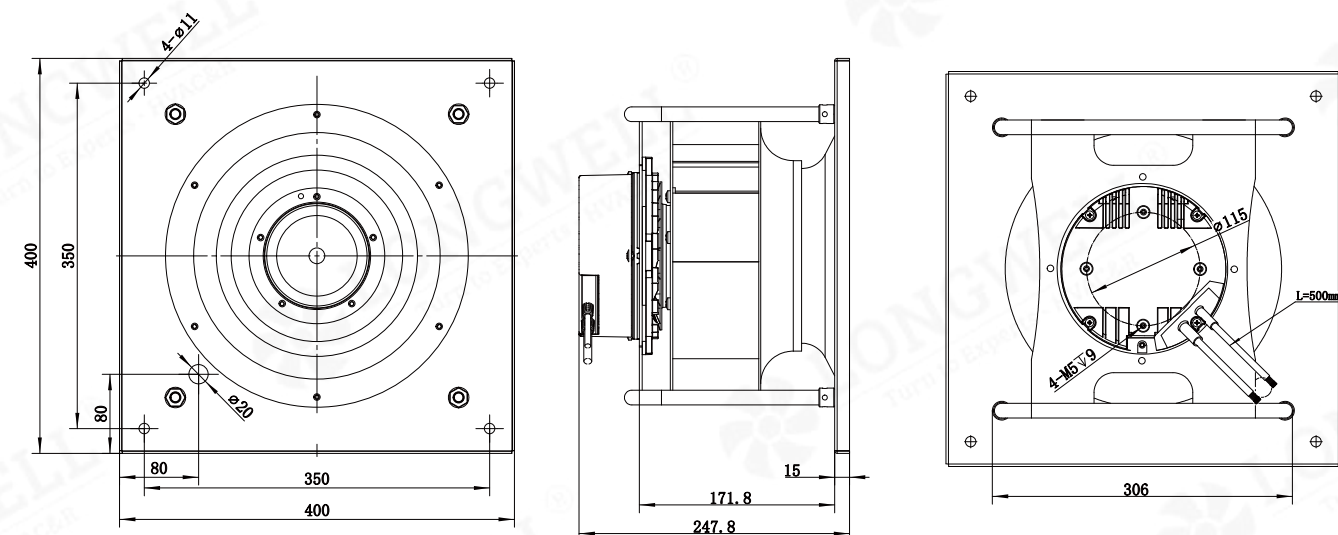


Technical Specifications

Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G280-102PS-07	230	500	2.3	3193	1442	3000	75



LWBE3G280-102PS-07 (with bracket)



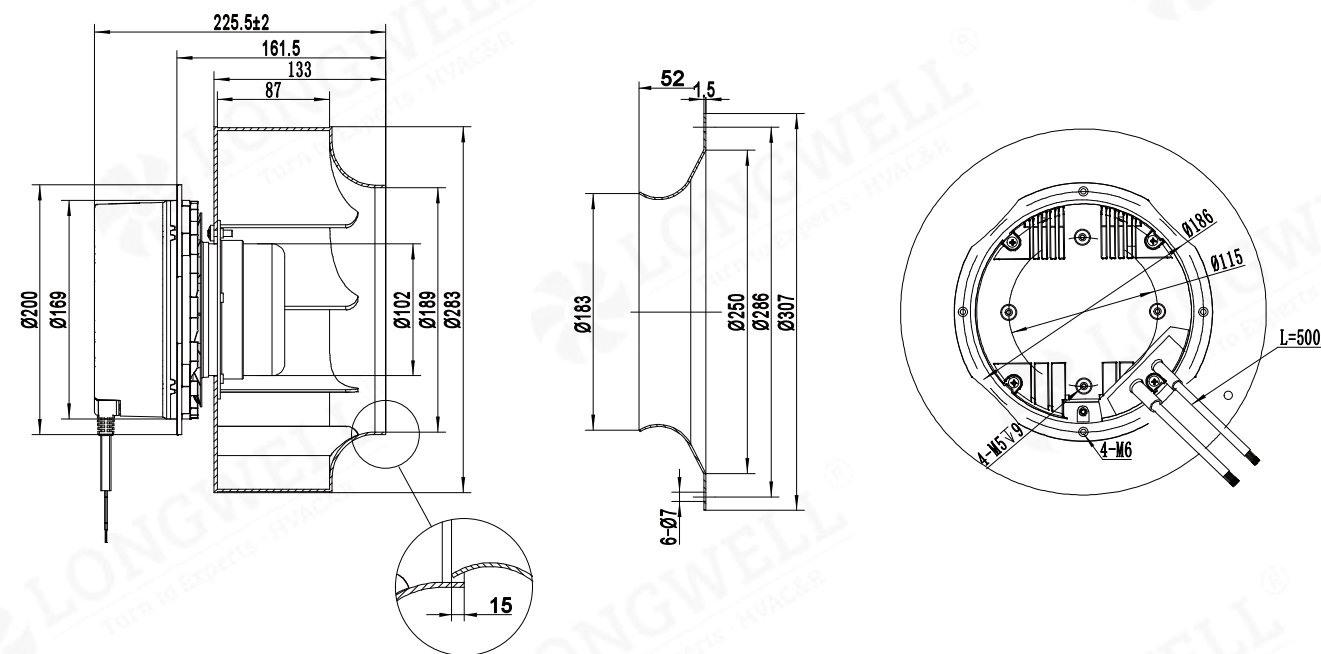
LWBE-280 Serise

Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

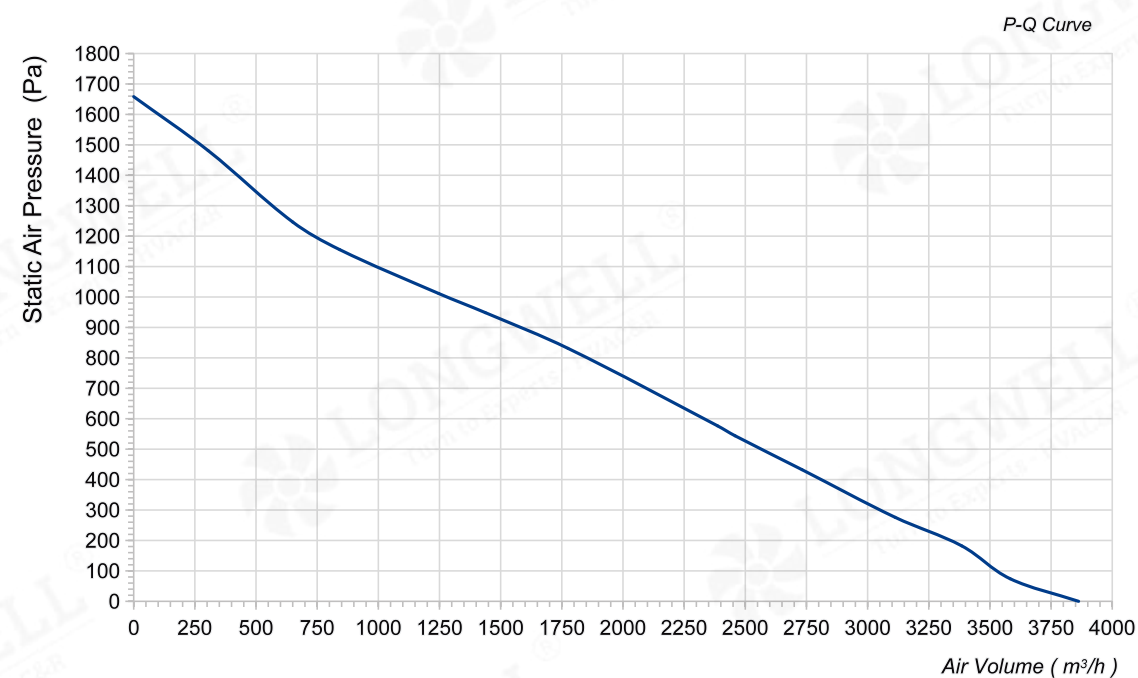


LWBE3G280-102NS-06 (without bracket)

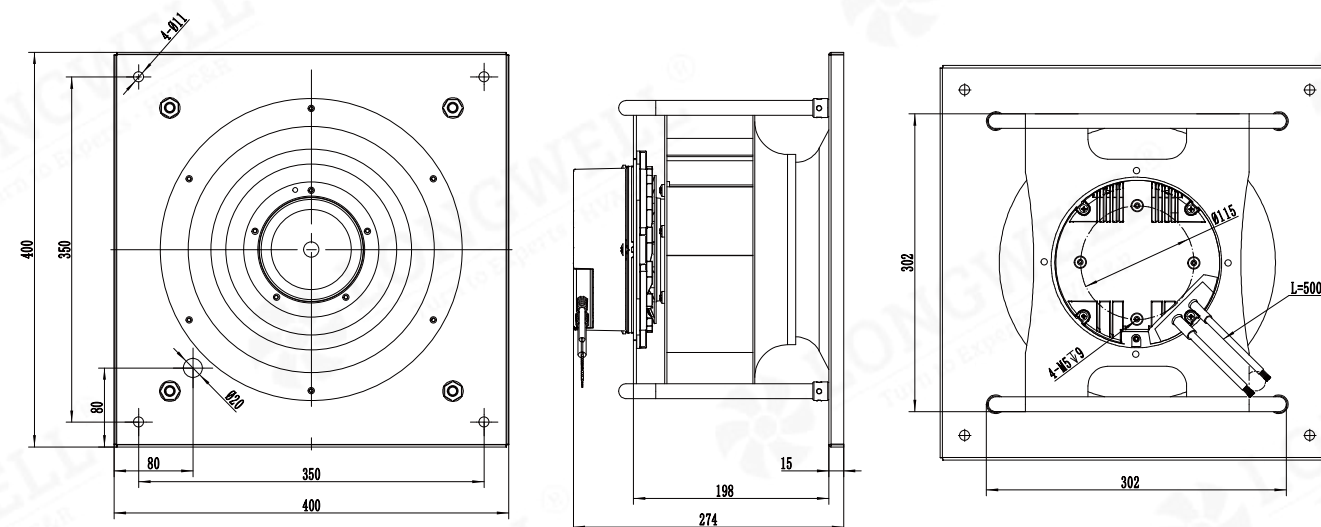


Technical Specifications

Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G280-102PS-04	230	700	3.1	3863	1658	3270	85



LWBE3G280-102PS-04 (with bracket)



LWBE-280 Serise

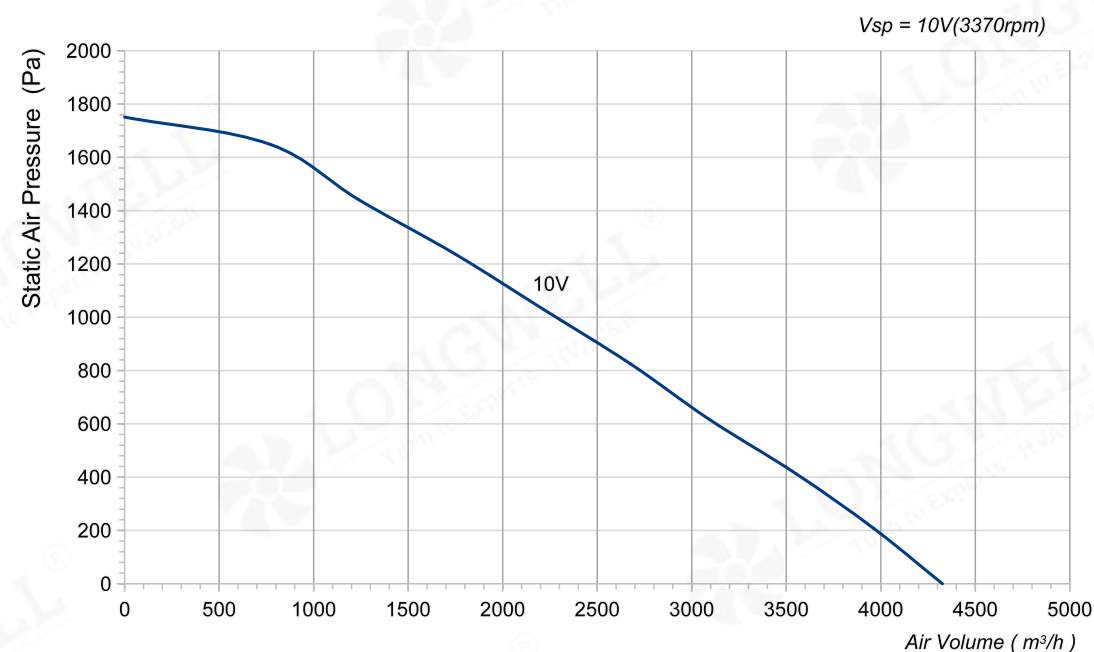
Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 400V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

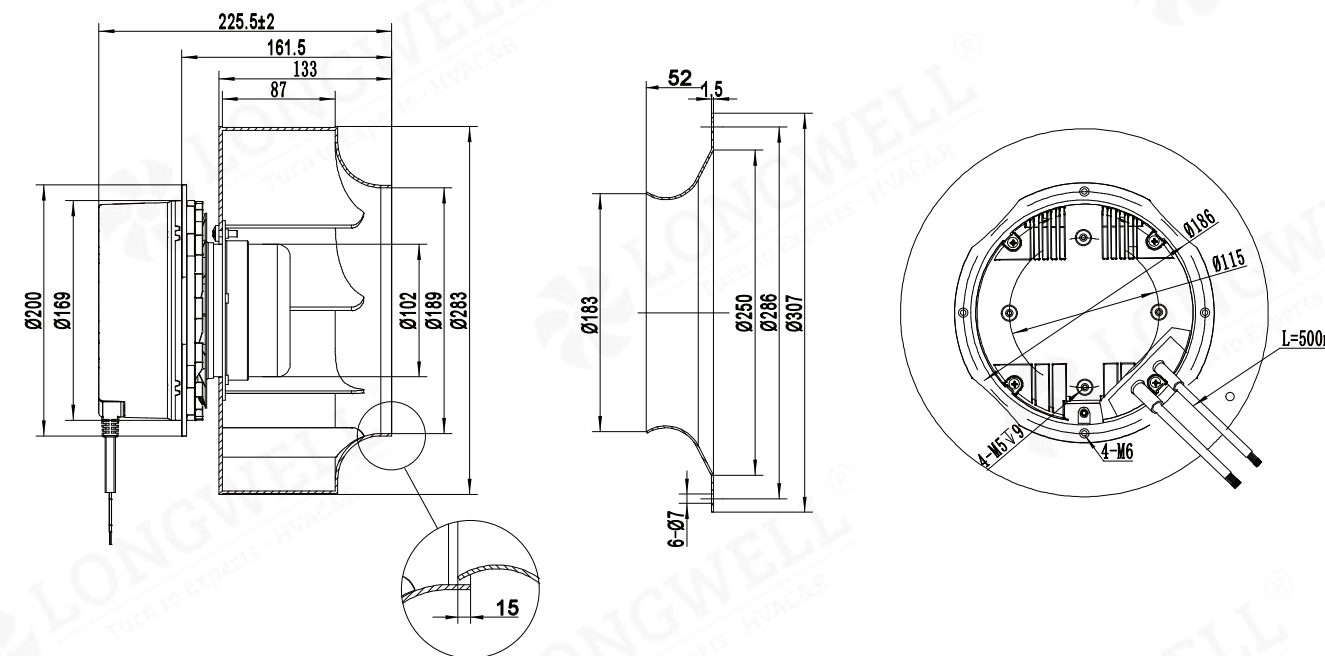


Technical Specifications

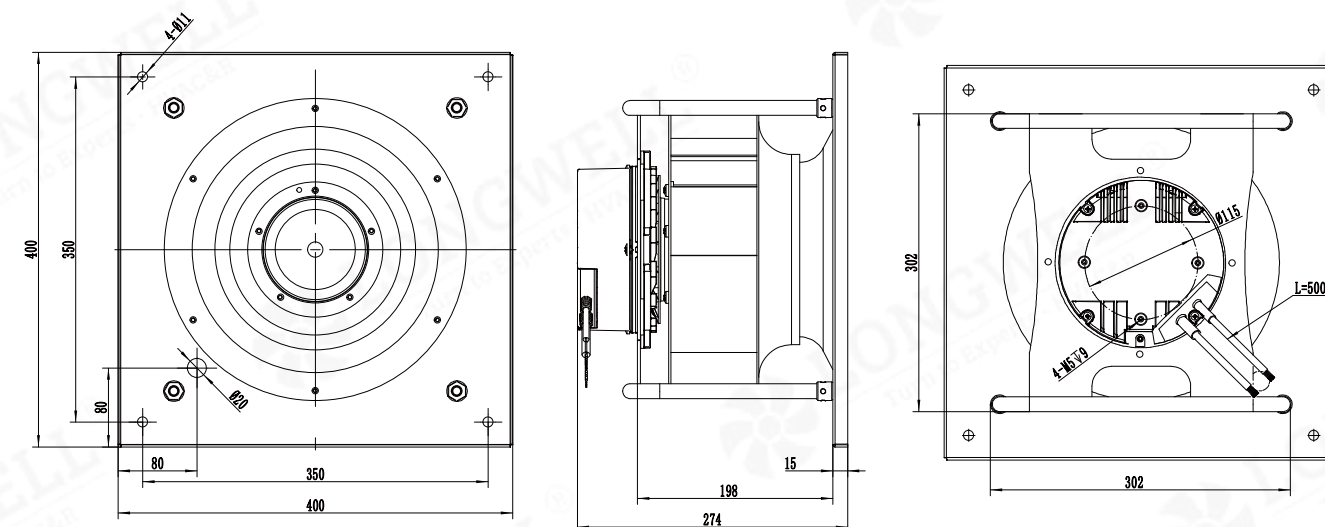
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G280-102PT-08	400	1100	1.7	4378	1751	3370	78



LWBE3G280-102NT-17 (without bracket)



LWBE3G280-102PT-08 (with bracket)



LWBE-310 Serise

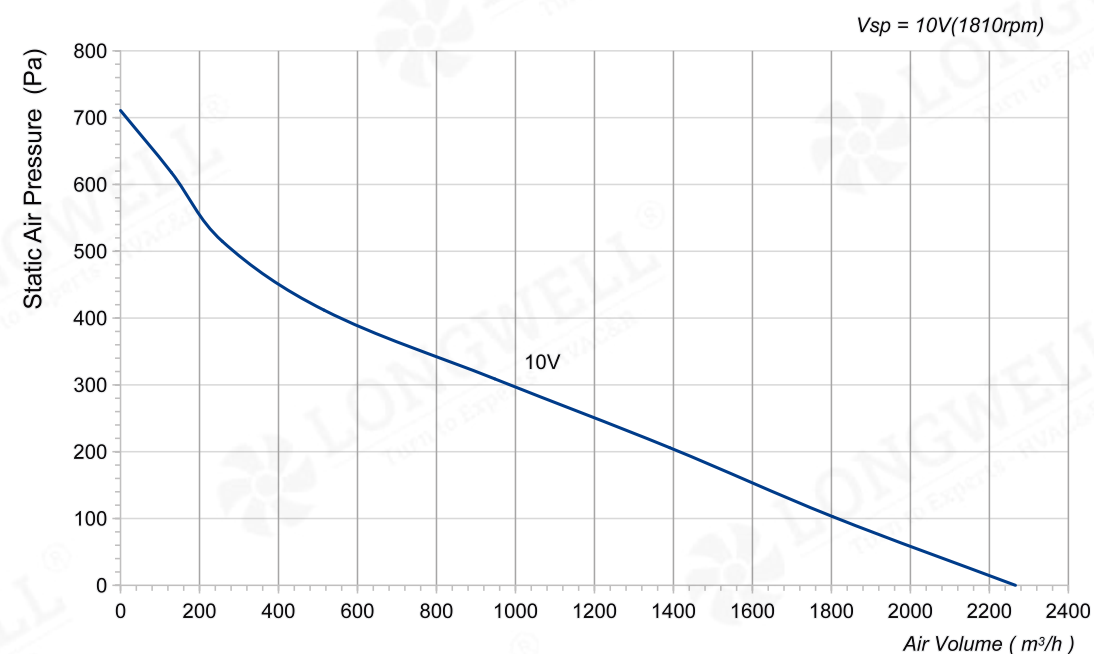
Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

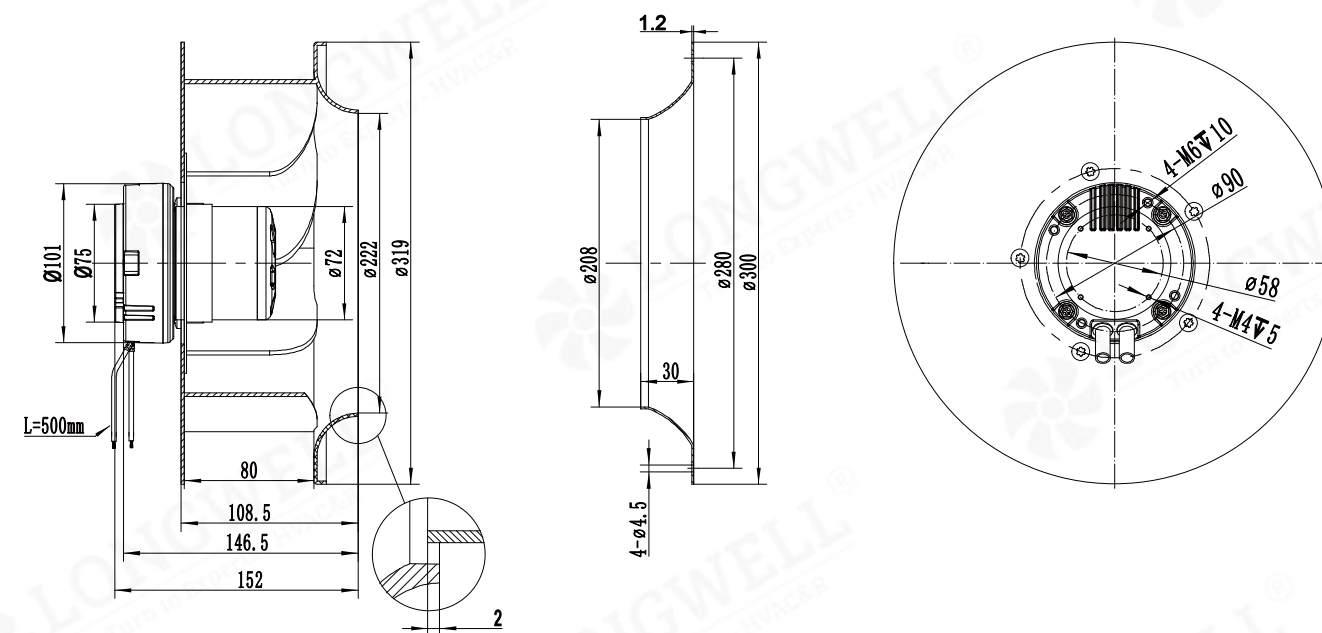


Technical Specifications

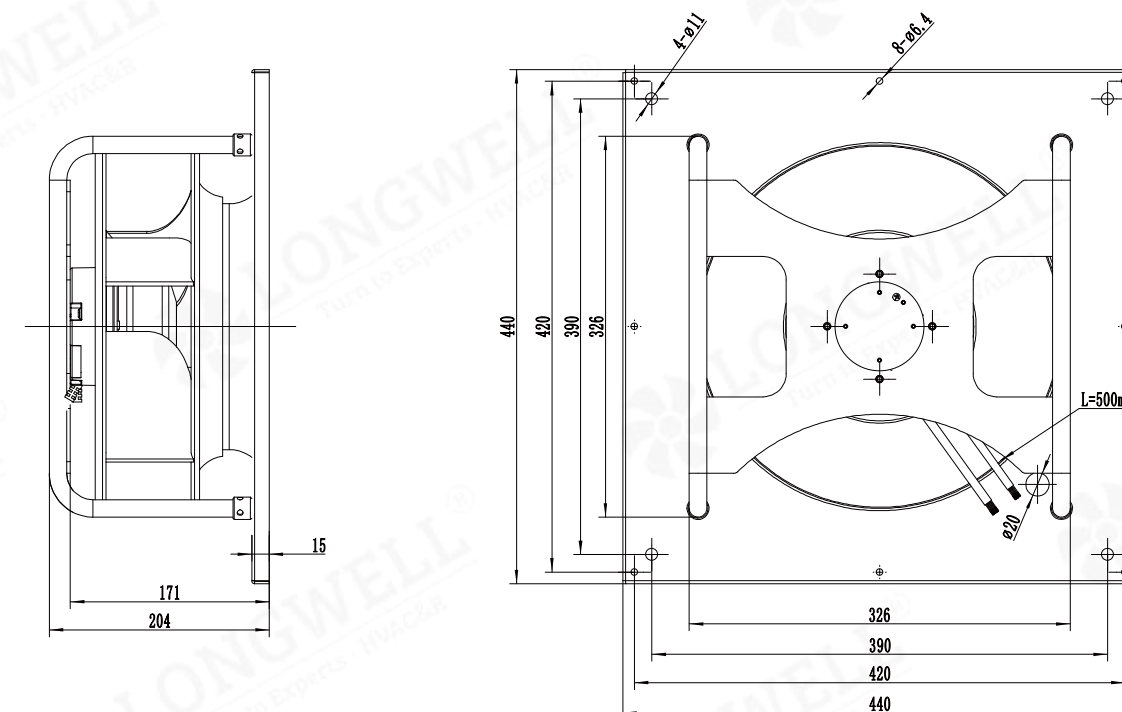
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G310-072PS-01	230	175	1.25	2266	700	1810	66



LWBE3G310-072NS-07 (without bracket)



LWBE3G310-072PS-01 (with bracket)



LWBE-310 Serise

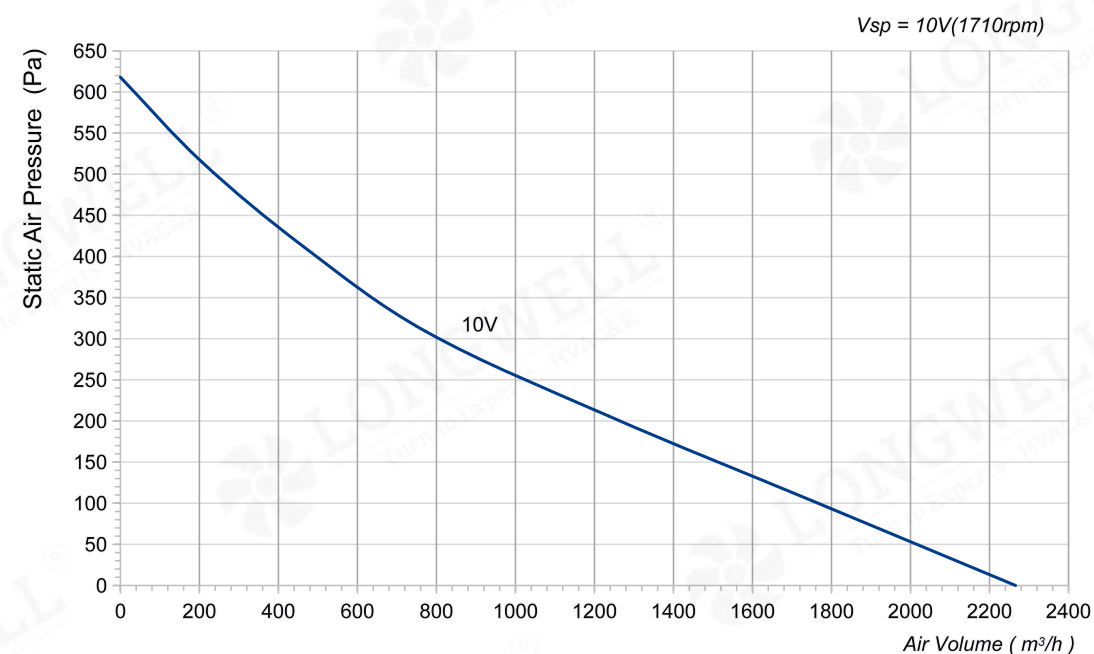
Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

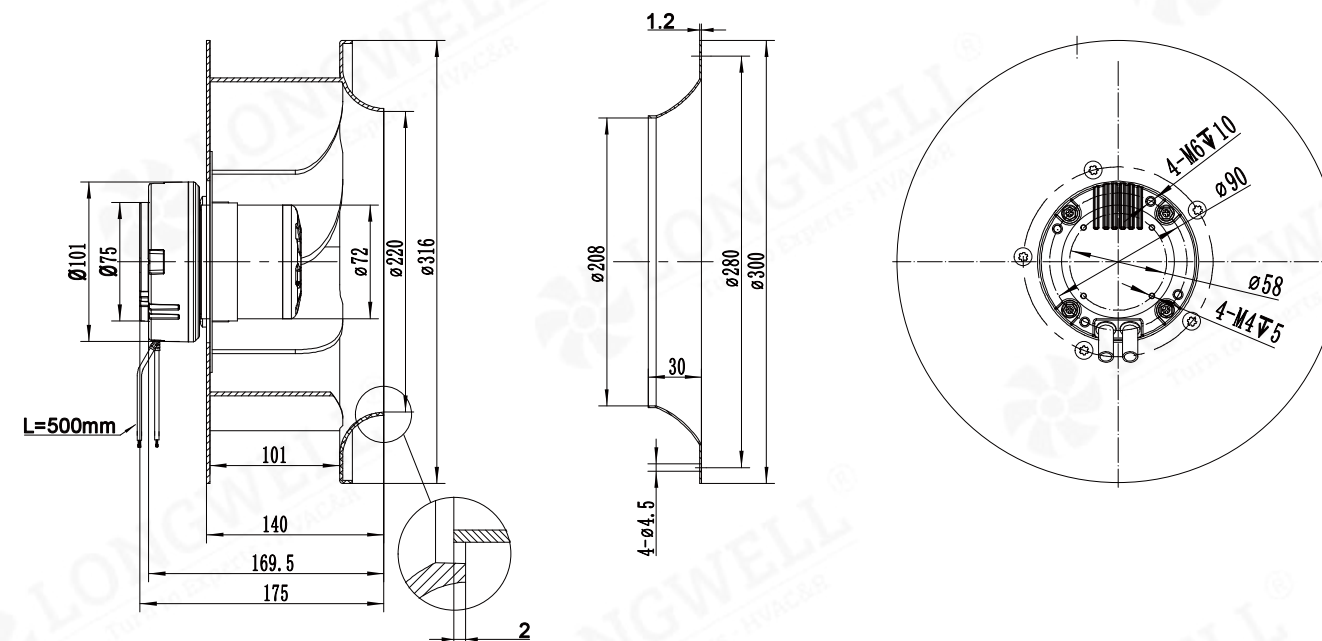


Technical Specifications

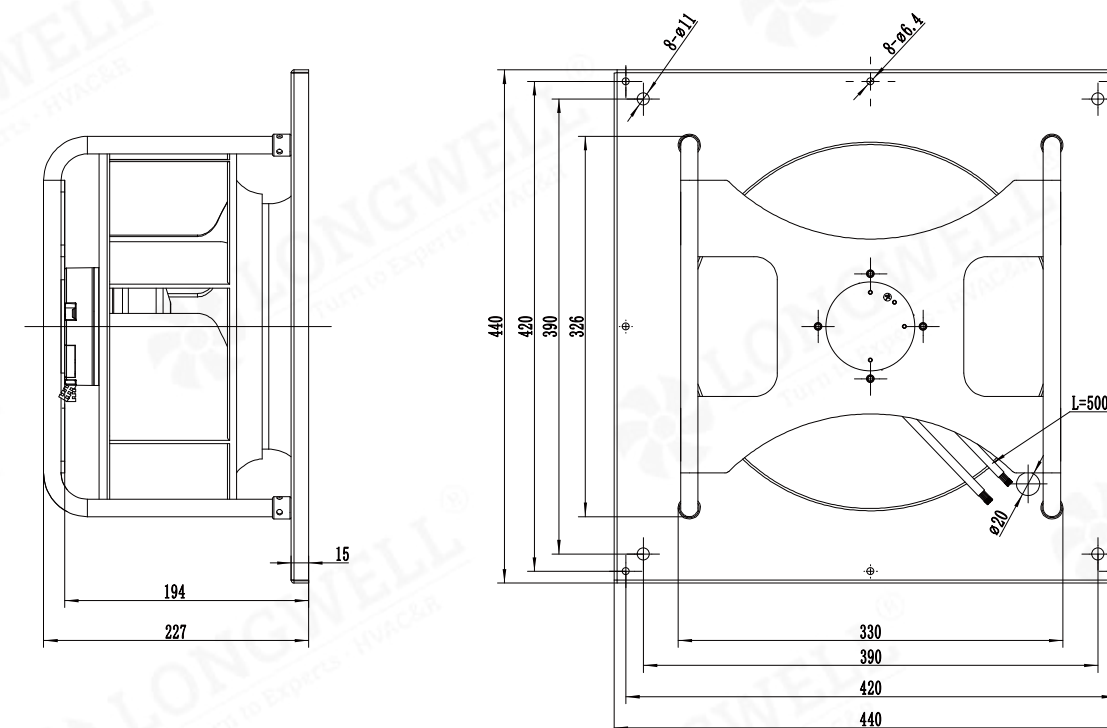
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G310-072PS-06	230	175	1.25	2266	618	1710	72



LWBE3G310-072NS-21 (without bracket)



LWBE3G310-072PS-06 (with bracket)



LWBE-310 Serise

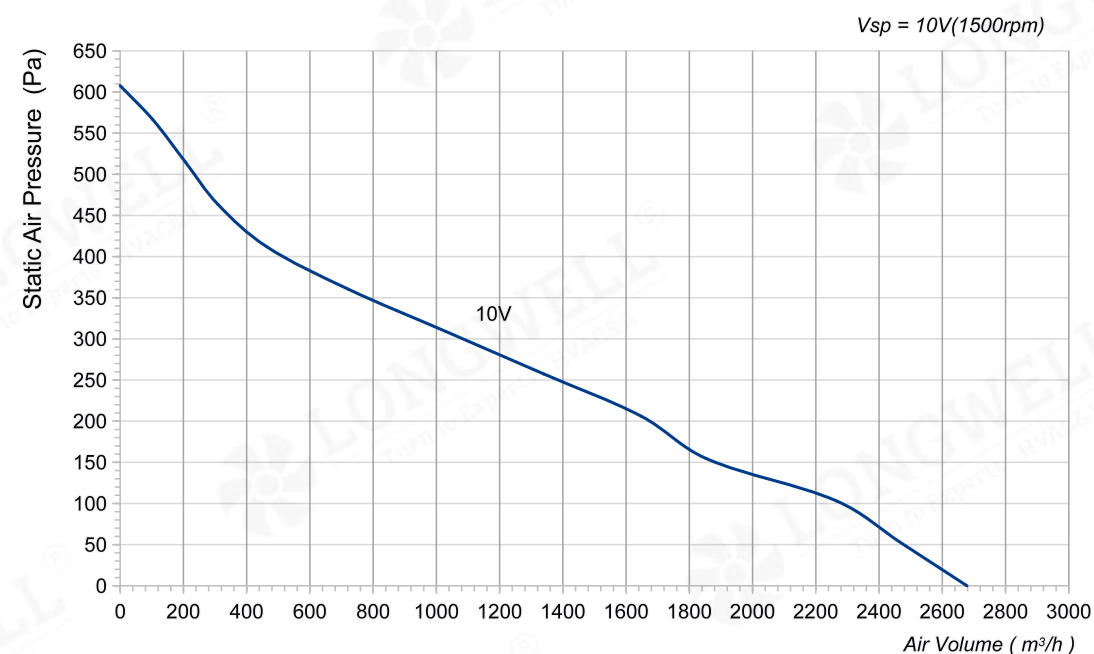
Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

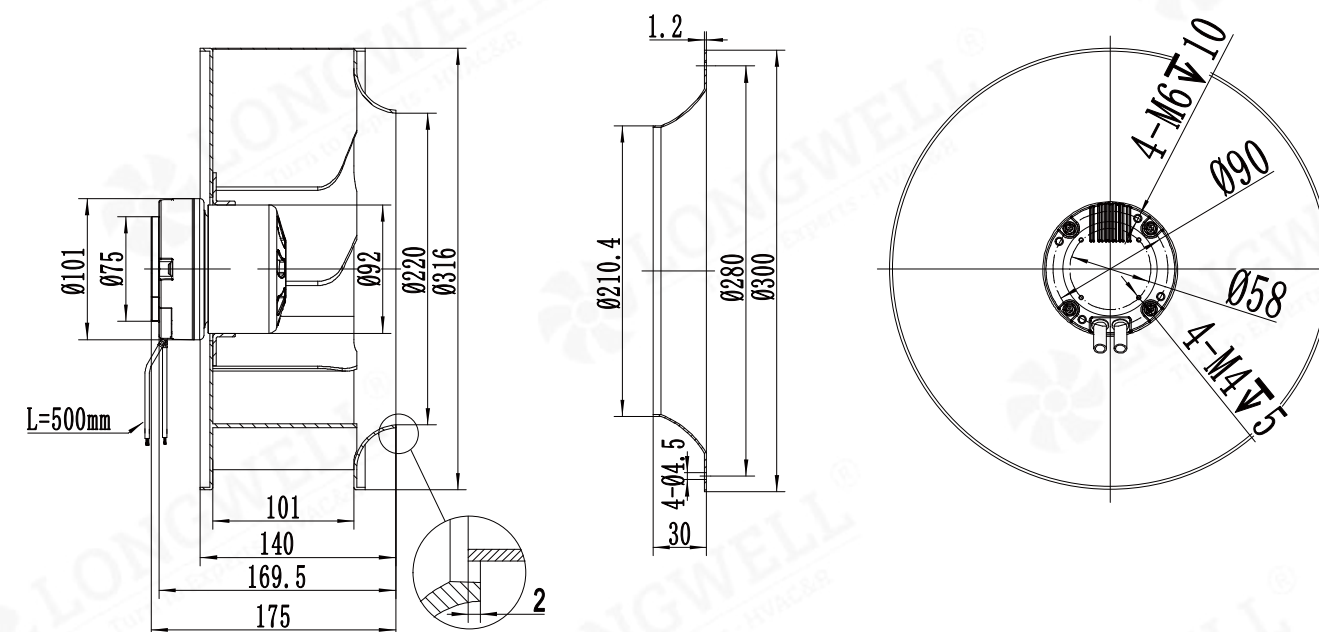


Technical Specifications

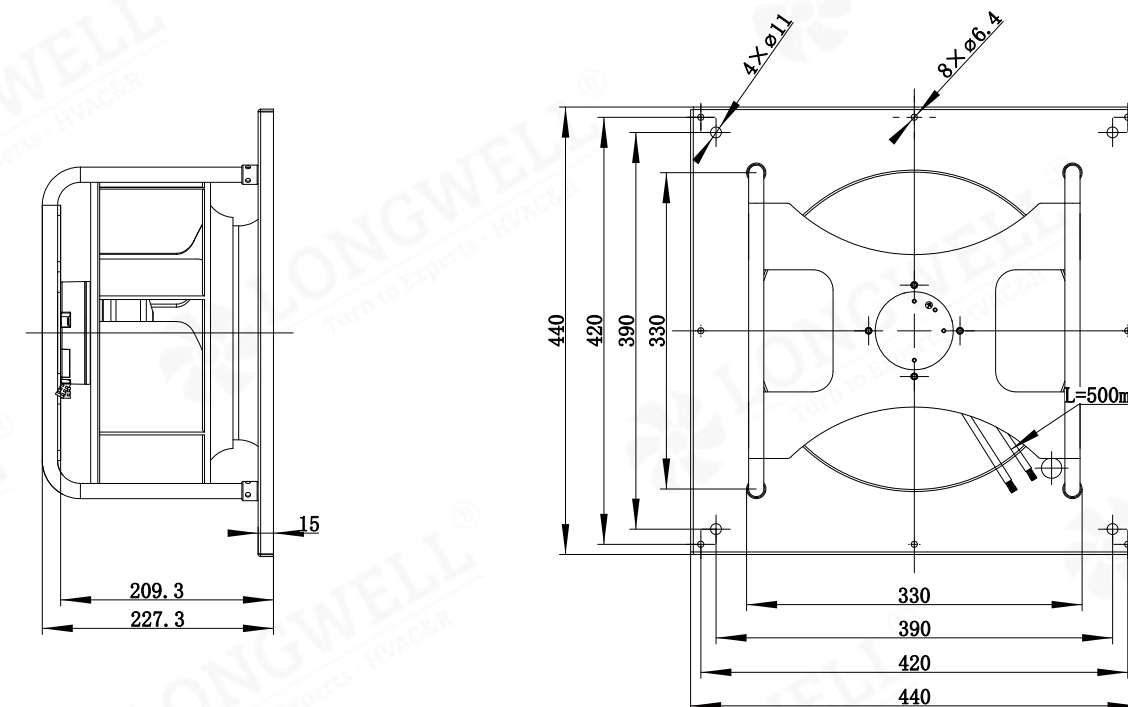
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G310-092PS-07	230	175	1.3	2678	608	1500	63



LWBE3G310-092NS-22 (without bracket)



LWBE3G310-092PS-07 (with bracket)



LWBE-310 Serise

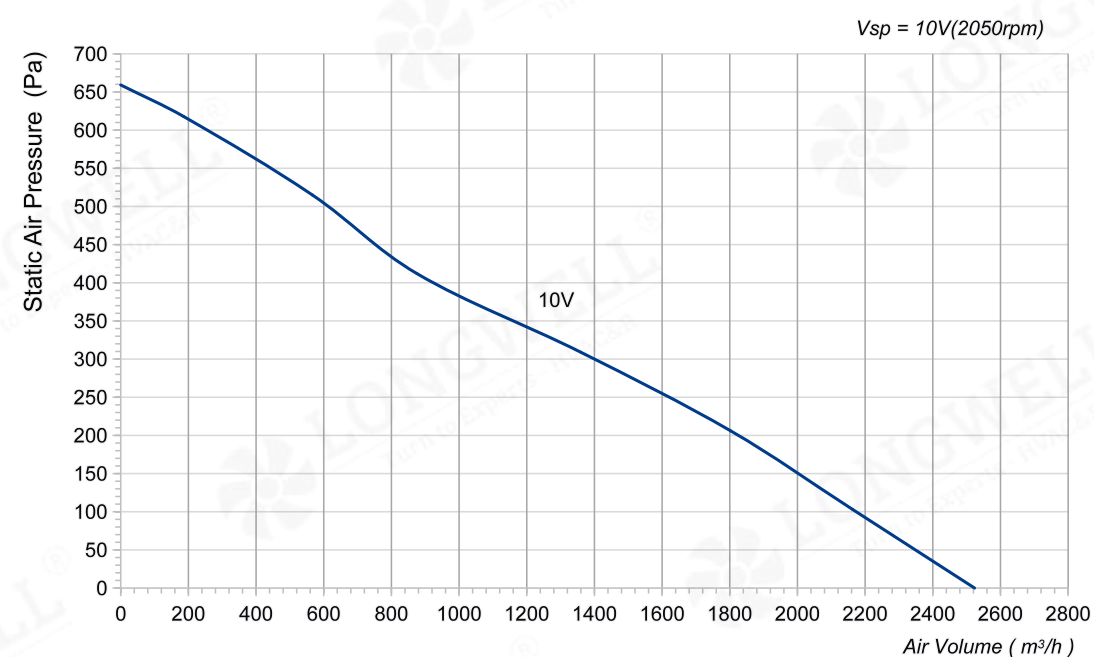
Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

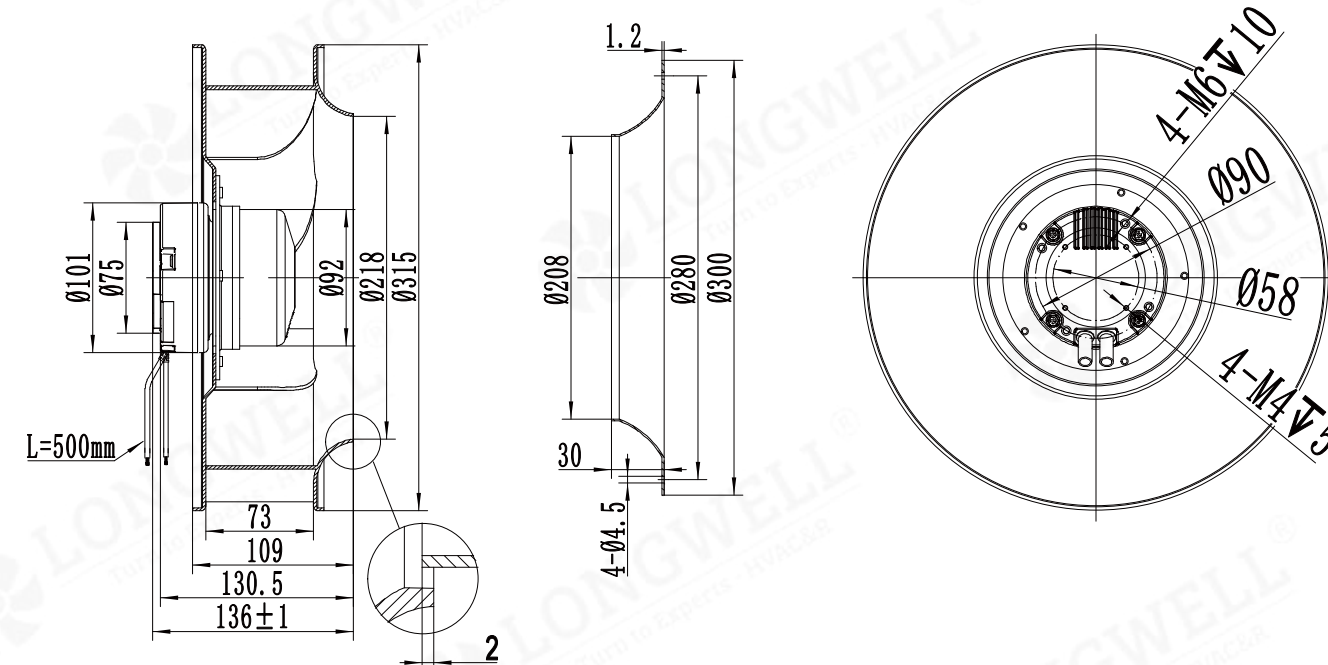


Technical Specifications

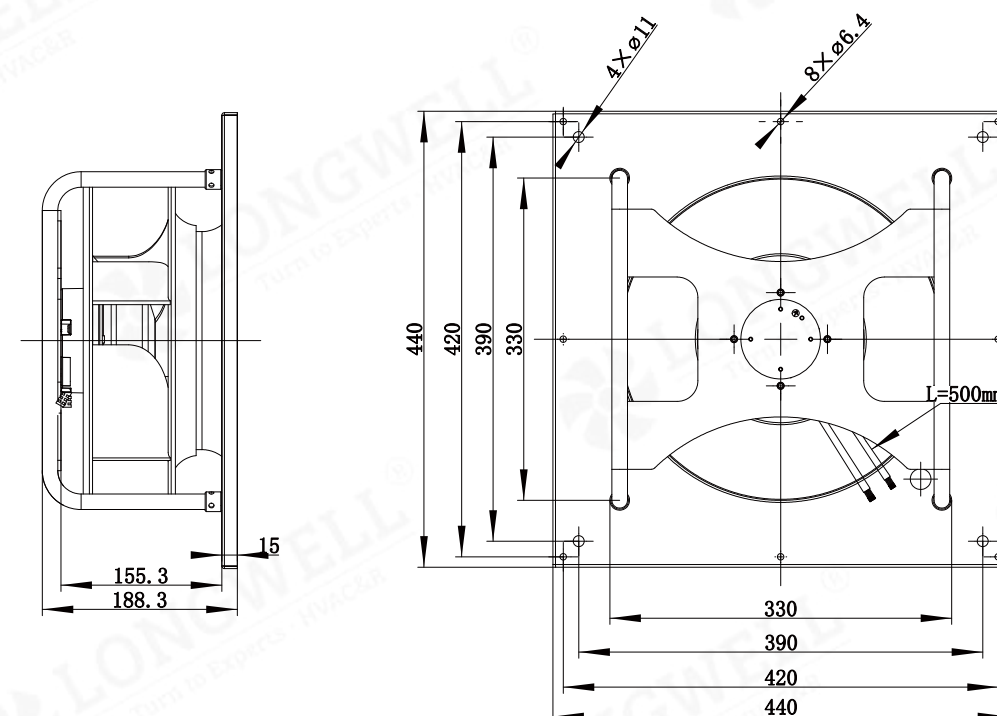
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G310-092PS-08	230	220	1.55	2524	670	2050	66



LWBE3G310-092NS-23 (without bracket)



LWBE3G310-092PS-08 (with bracket)



LWBE-310 Serise

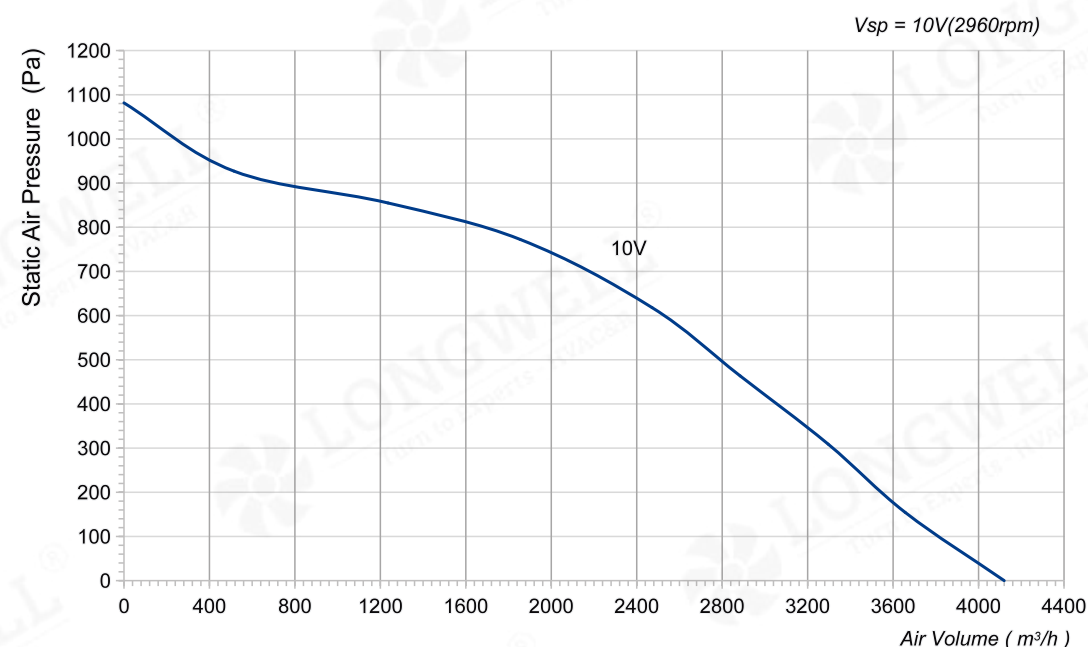
Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

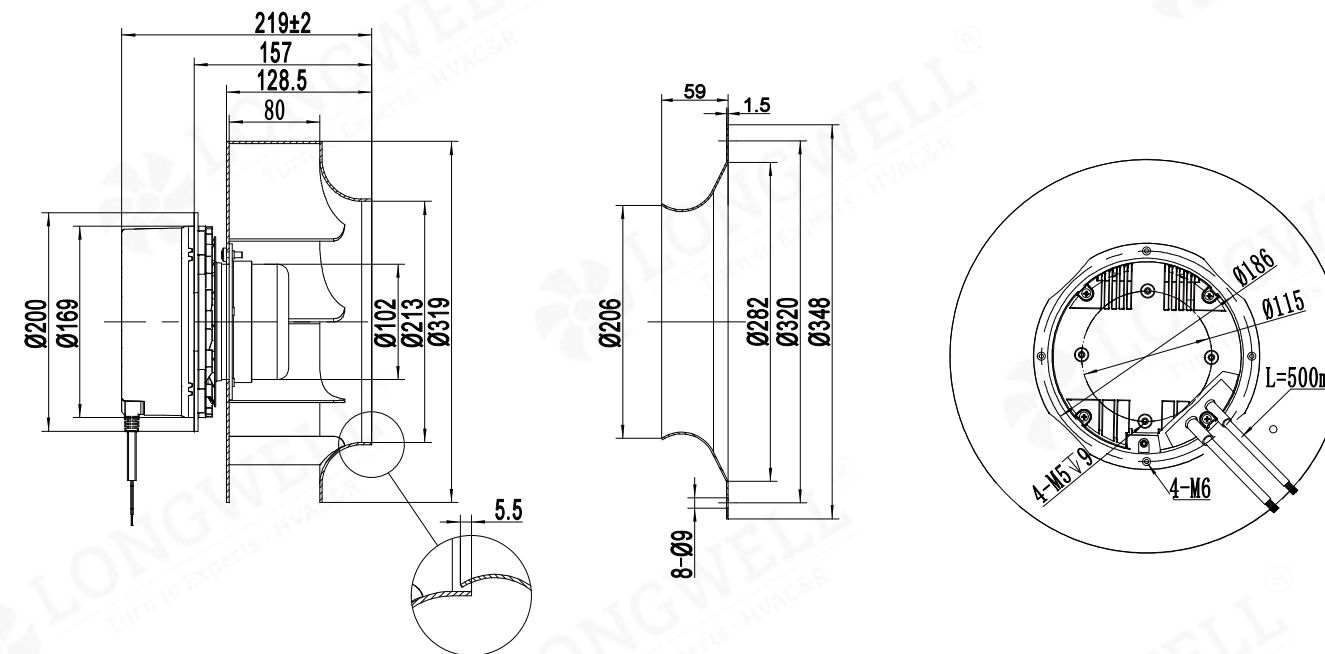


Technical Specifications

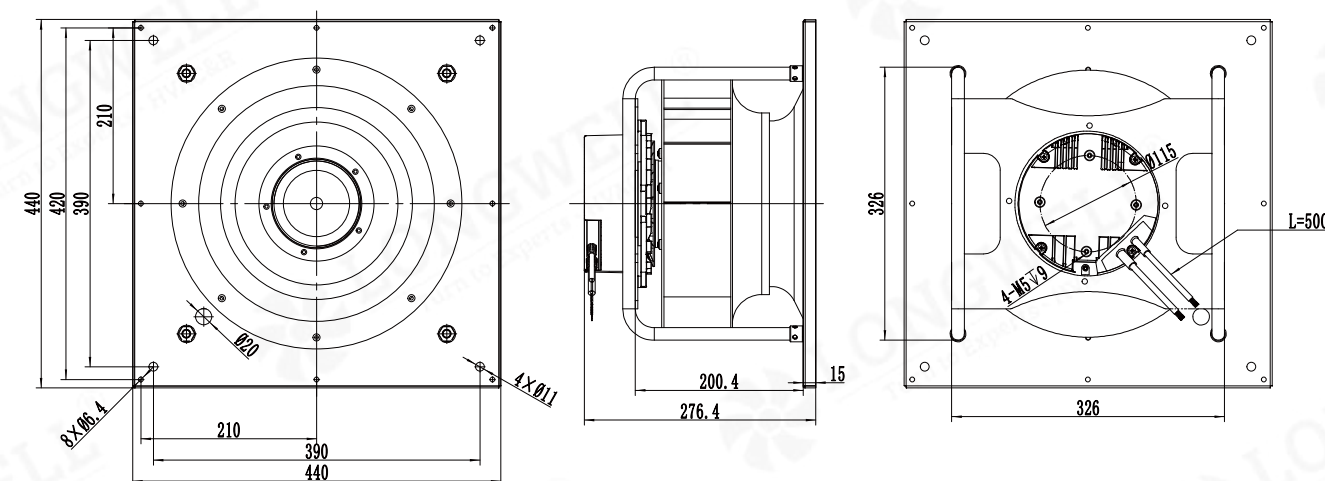
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G310-102PS-03	230	700	3.1	4120	1082	2960	85



LWBE3G310-102NS-09 (without bracket)



LWBE3G310-102PS-03 (with bracket)



LWBE-310 Serise

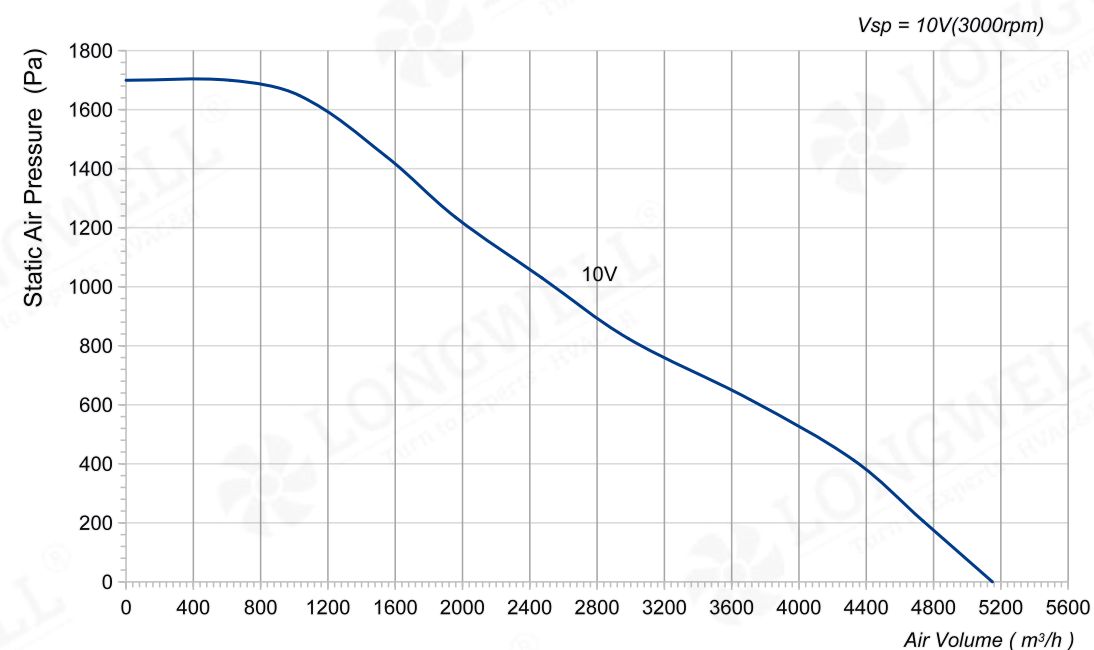
Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 400V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

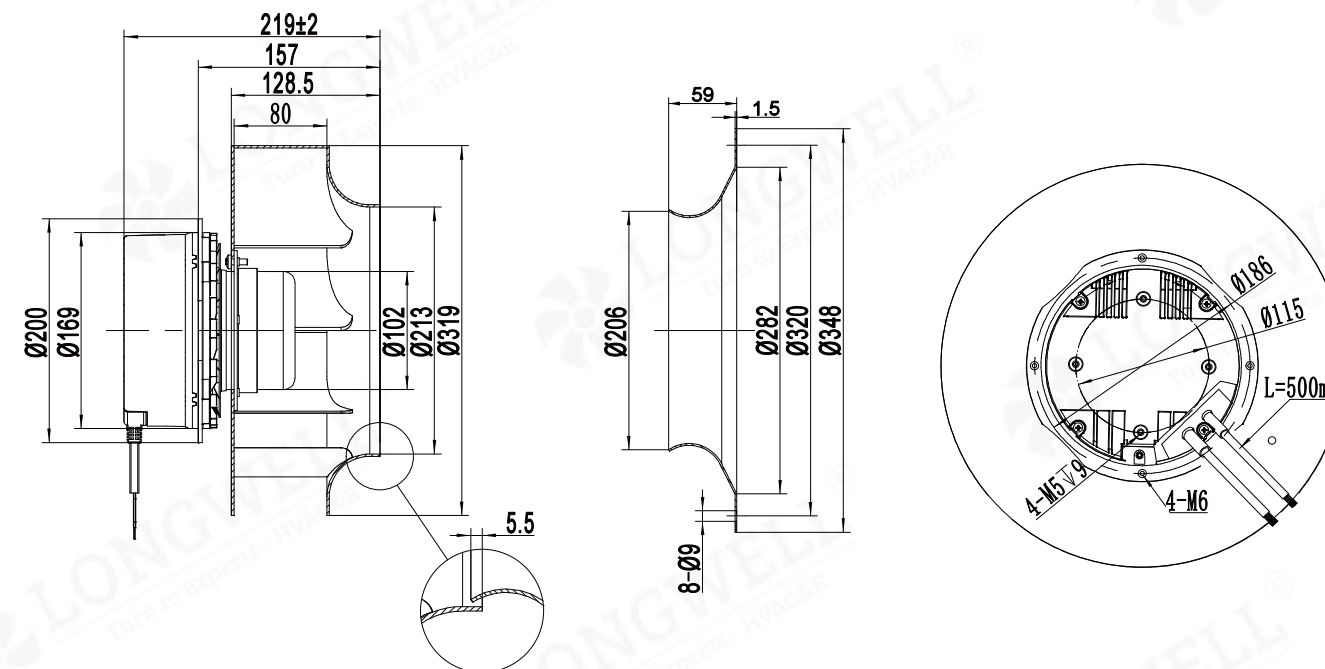


Technical Specifications

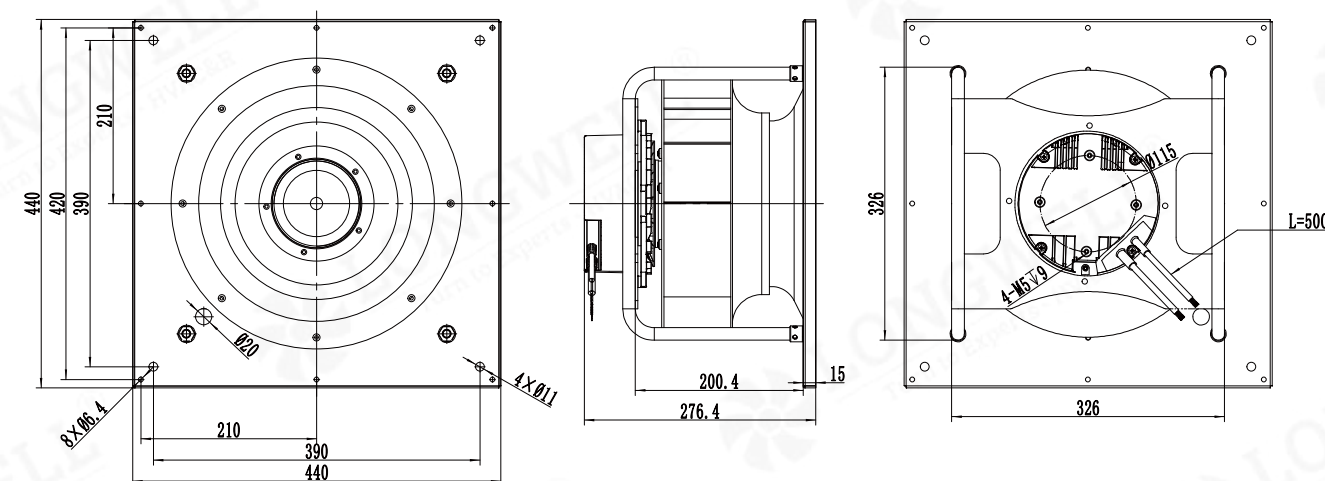
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G310-102PT-09	400	1100	1.2	5150	1730	3000	85



LWBE3G310-102NT-24 (without bracket)



LWBE3G310-102PT-09 (with bracket)



LWBE-355 Serise

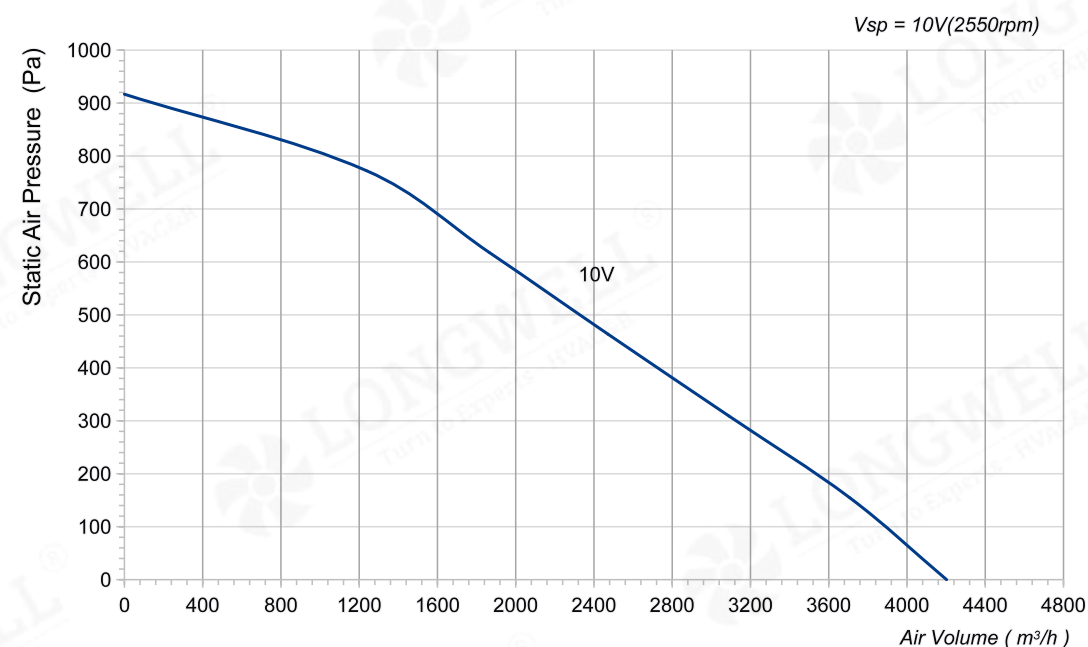
Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

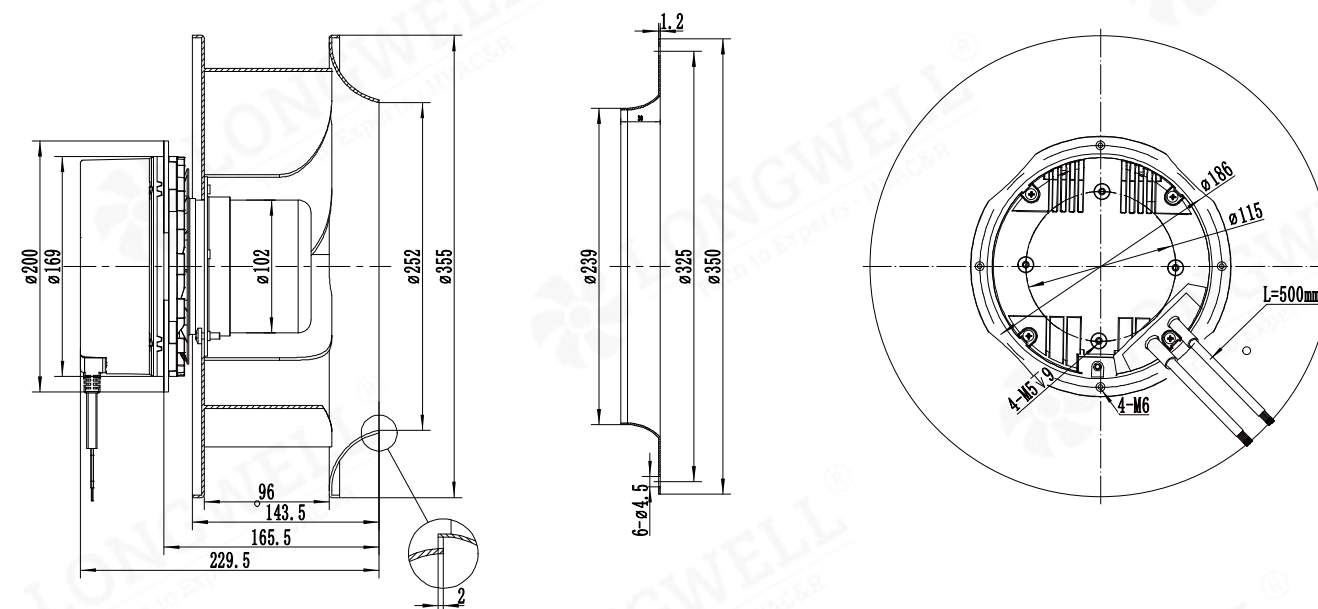


Technical Specifications

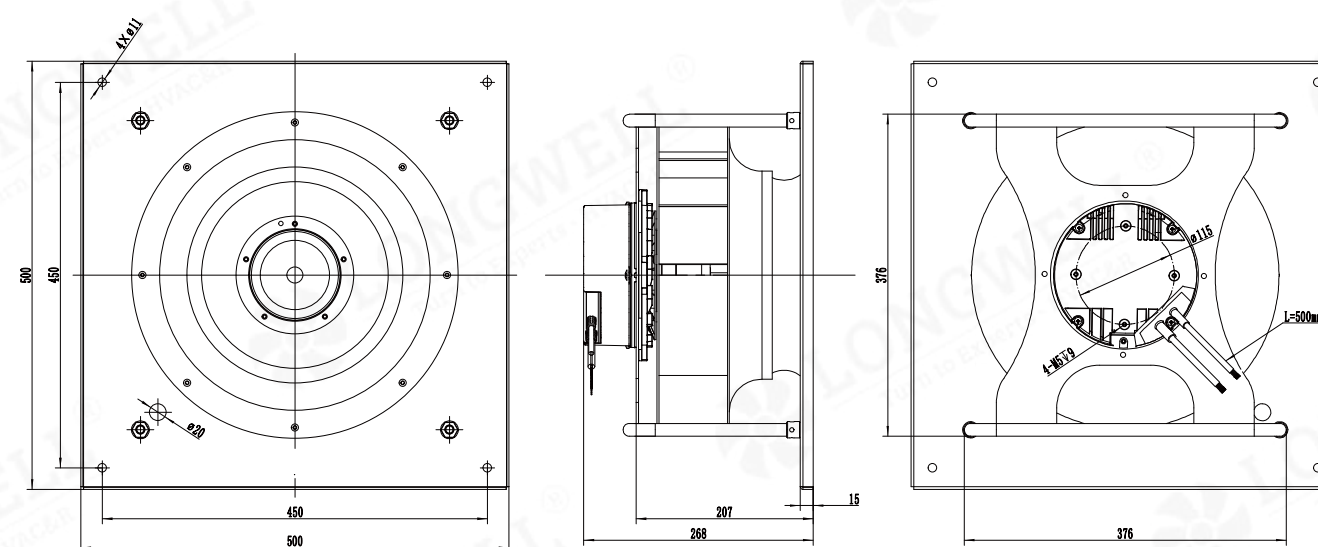
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G355-102PS-09	230	520	3.1	4172	906	2550	75



LWBE3G355-102NS-24 (without bracket)



LWBE3G355-102PS-09 (with bracket)



LWBE-355 Serise

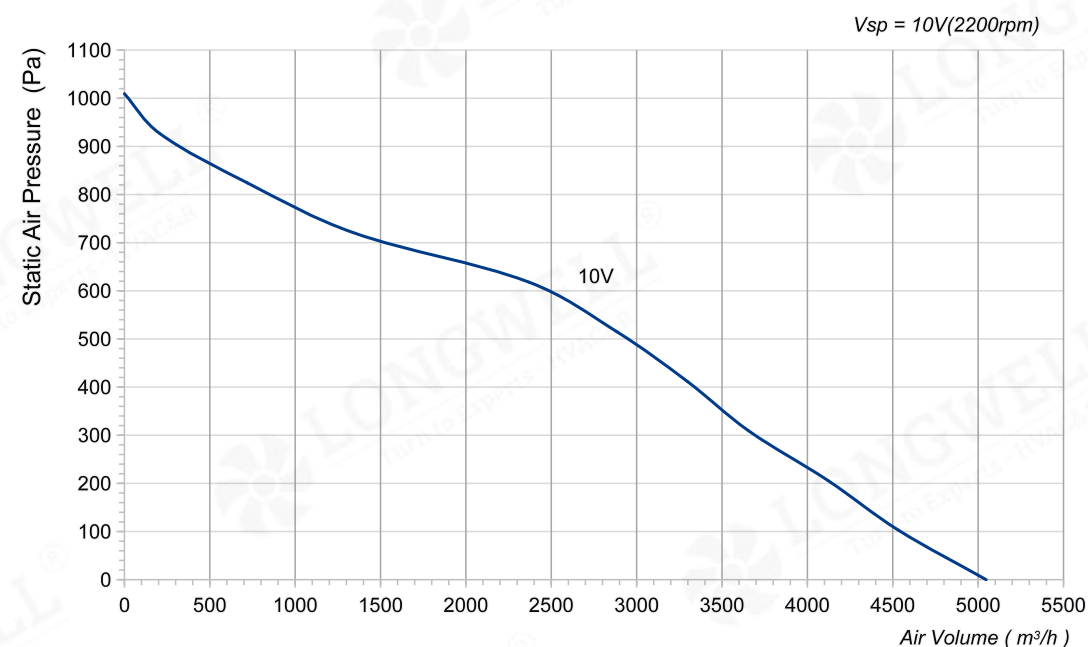
Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

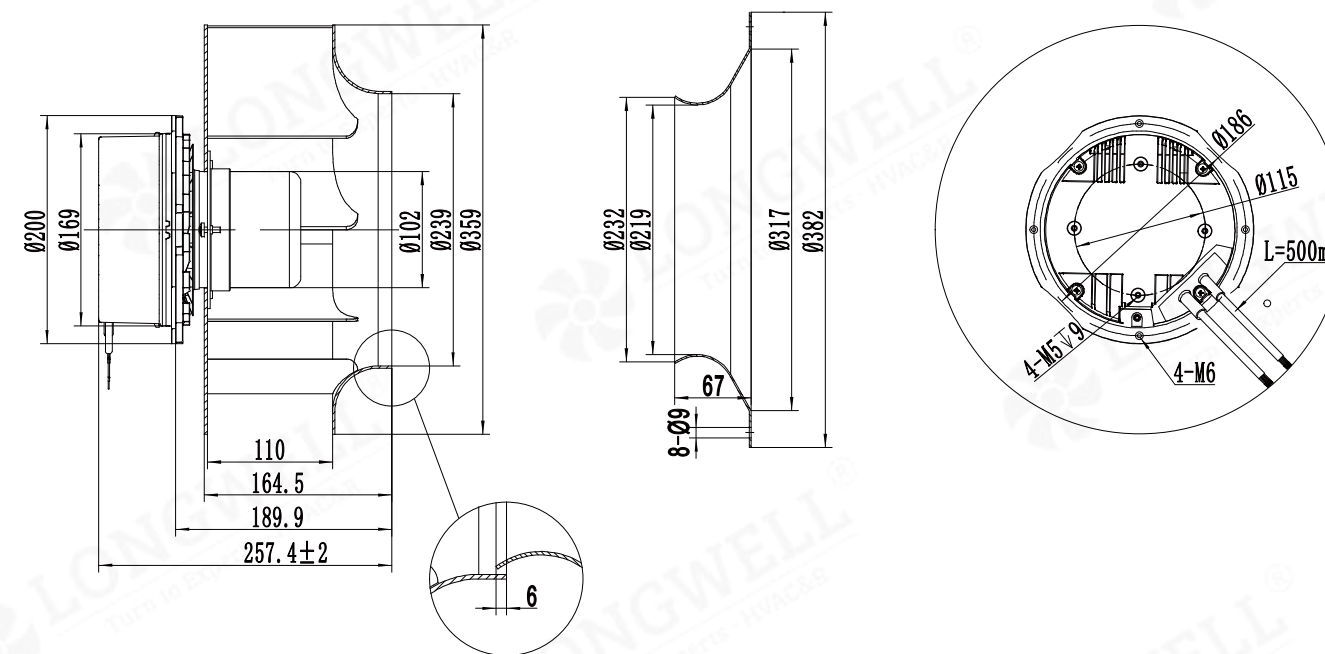


Technical Specifications

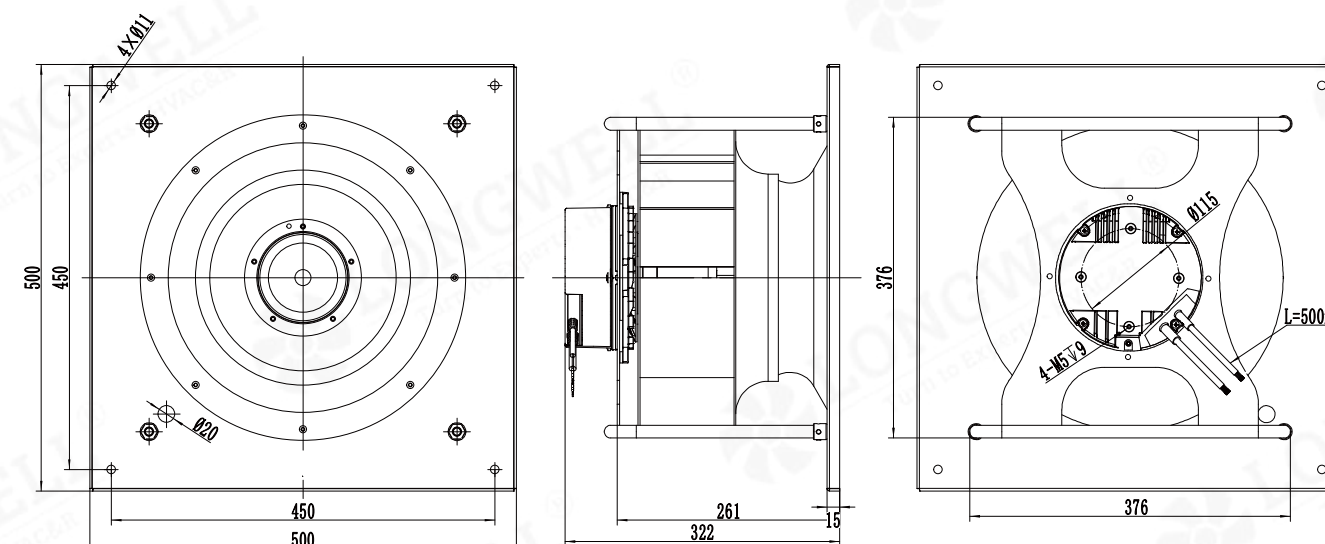
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G355-102PS-03	230	700	3.1	5047	1009	2200	85



LWBE3G355-102NS-11 (without bracket)



LWBE3G355-102PS-03 (with bracket)



LWBE-355 Serise

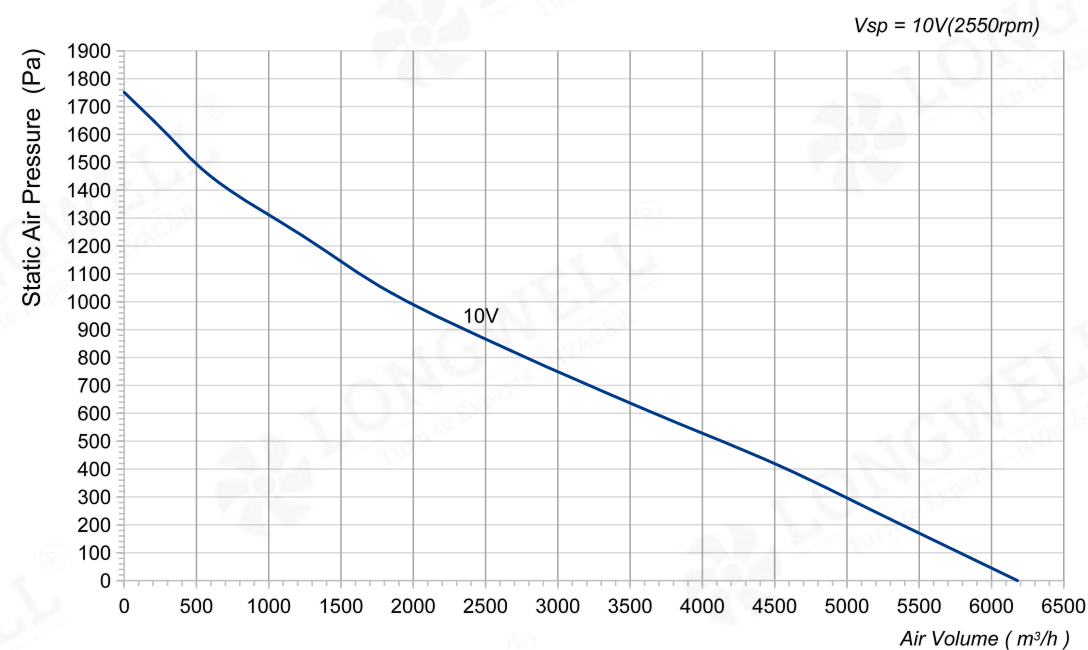
Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 400V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

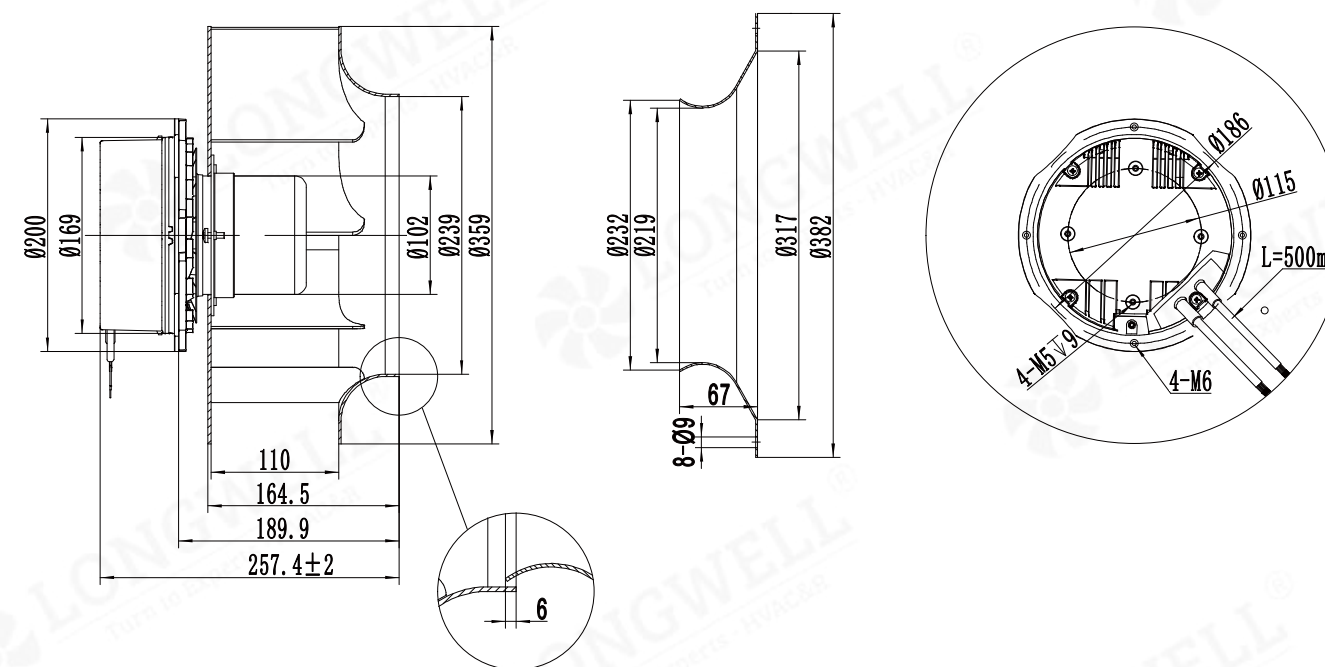


Technical Specifications

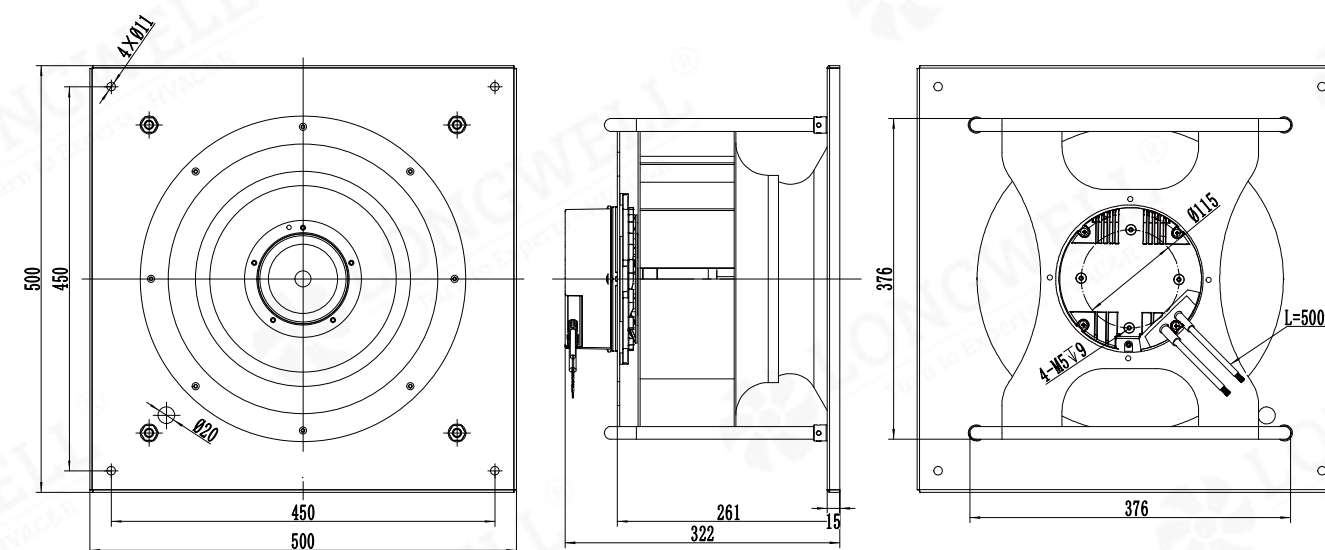
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G355-102PT-10	400	1100	2.1	6180	1751	2550	86



LWBE3G355-102NT-25 (without bracket)



LWBE3G355-102PT-10 (with bracket)



LWBE-400 Serise

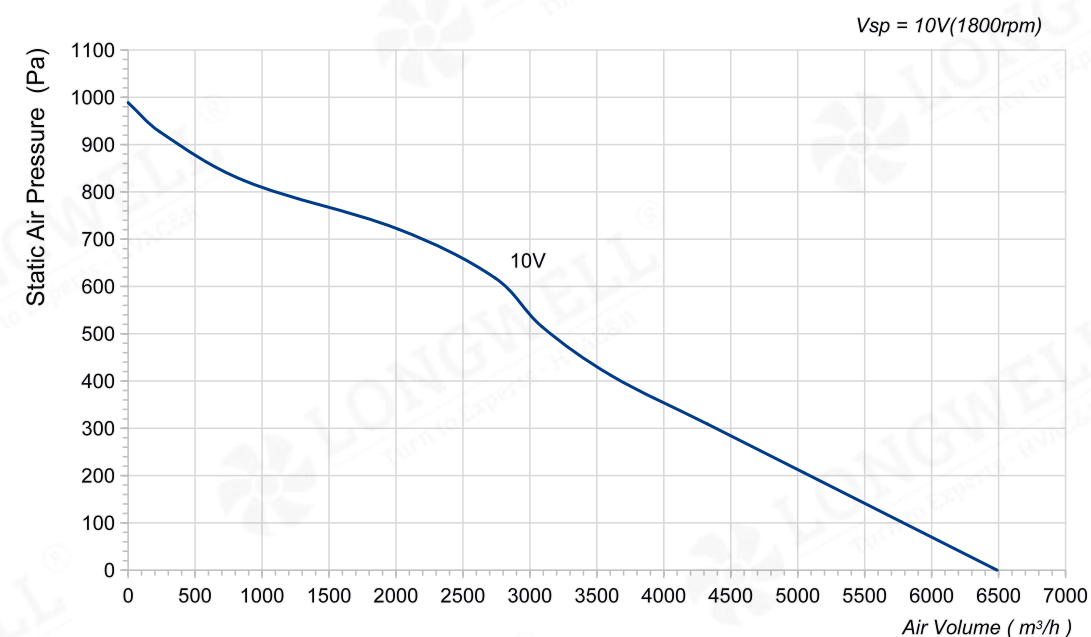
Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

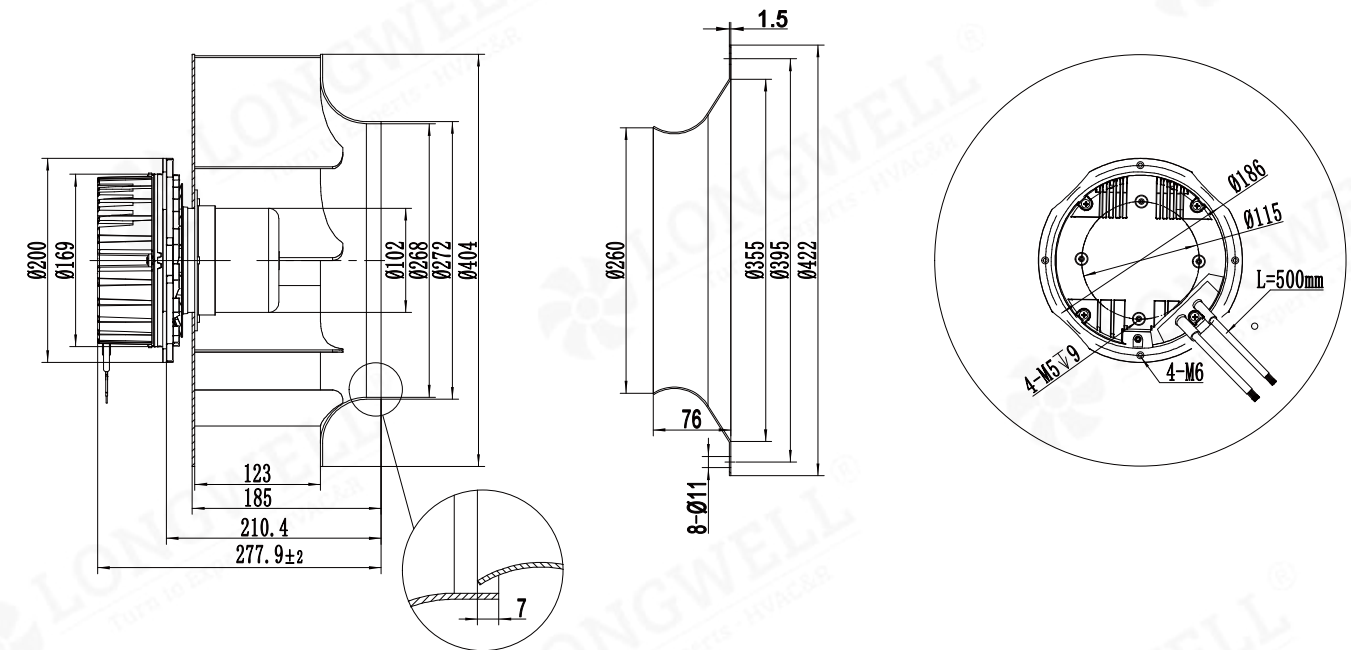


Technical Specifications

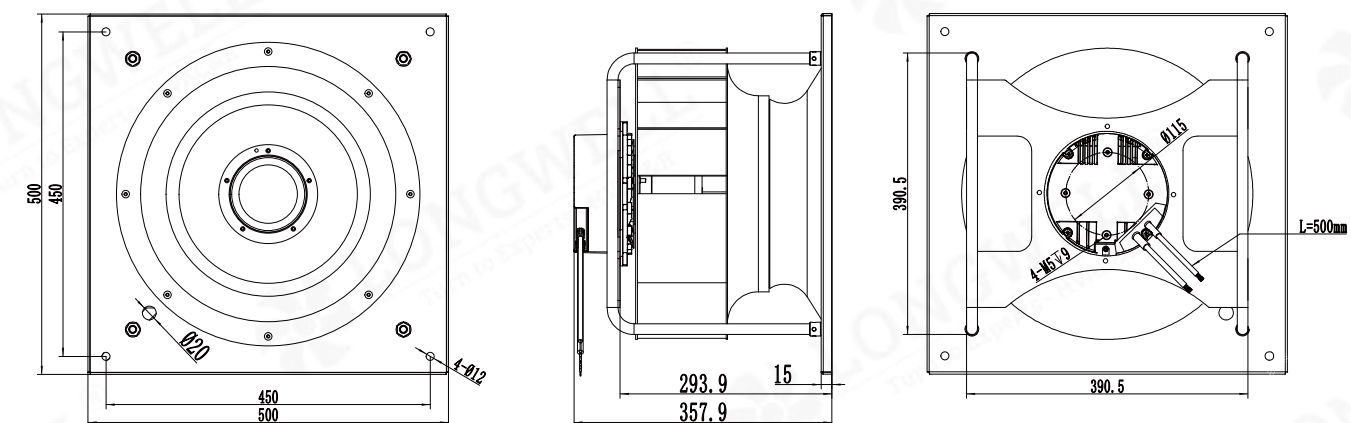
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G400-102PS-02	230	700	3.1	6489	979	1800	85



LWBE3G400-102NS-11 (without bracket)



LWBE3G400-102PS-02 (with bracket)



LWBE-450 Serise

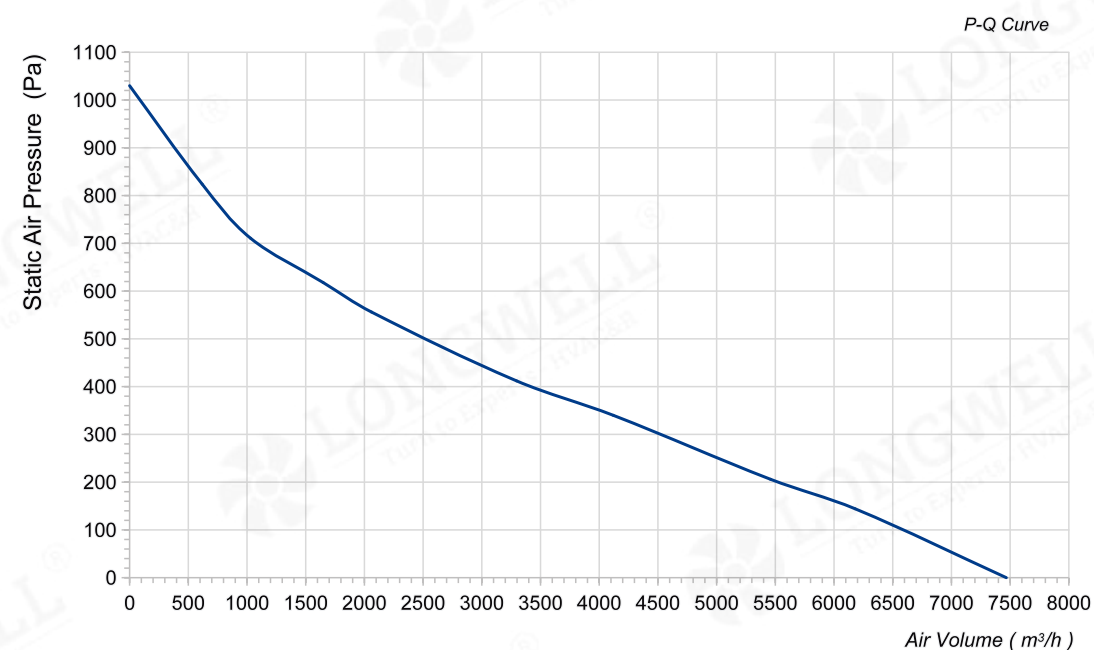
Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 230V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

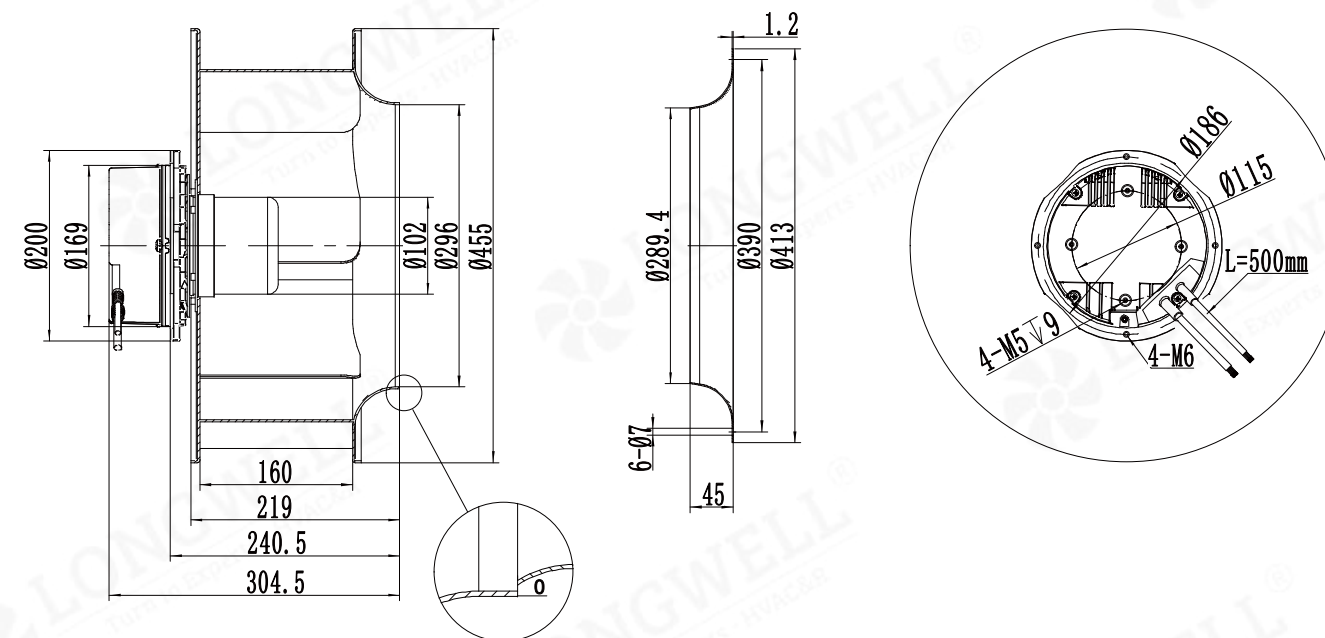


Technical Specifications

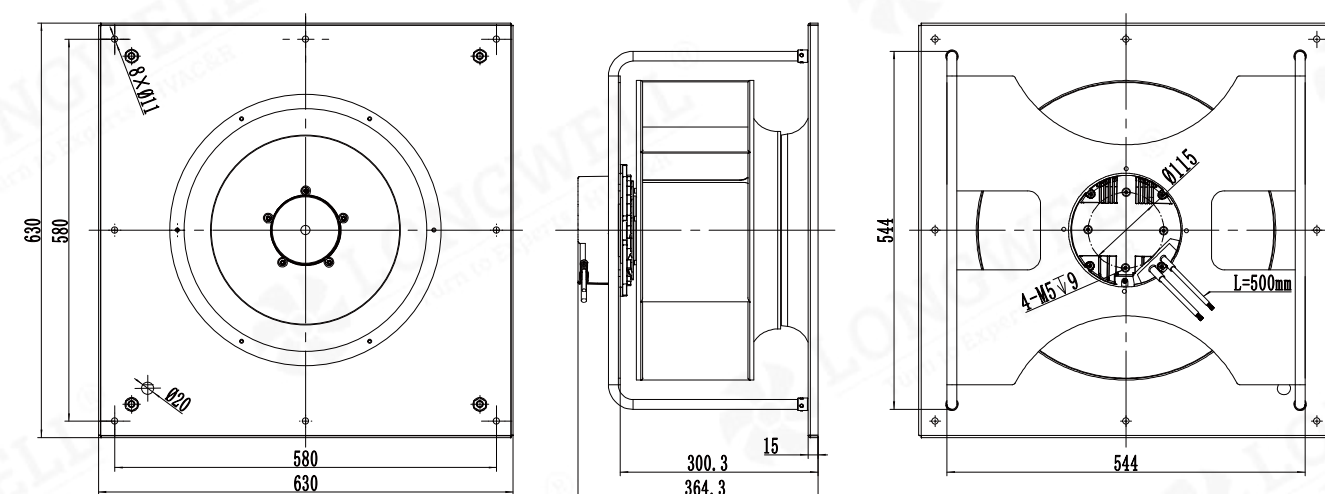
Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G450-102PS-11	230	700	3.1	7468	1030	1450	70



LWBE3G450-102NS-19 (without bracket)



LWBE3G450-102PS-11 (with bracket)



LWBE-450 Serise

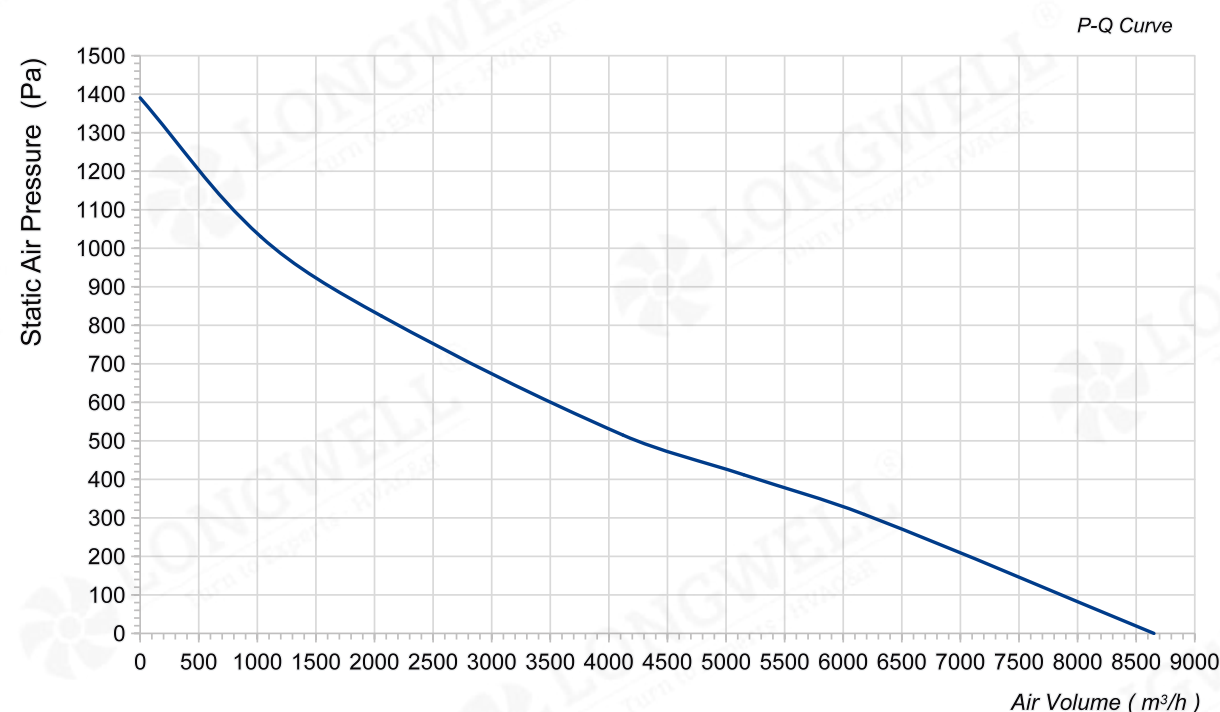
Product Characteristic

- Impeller Material: Aluminum Alloy
- Supply Voltage: 380V,50/60Hz
- Mode of Operation: S1
- Protection Class: IP55
- Insulation Class: F
- Operation Temperature: -25℃~+60℃
- Technical Feature: Control input 0-10VDC/PWM,Tach output,Locked-Rotor protection,Reverse Polarity Over-voltage protection,Soft Start Protection.

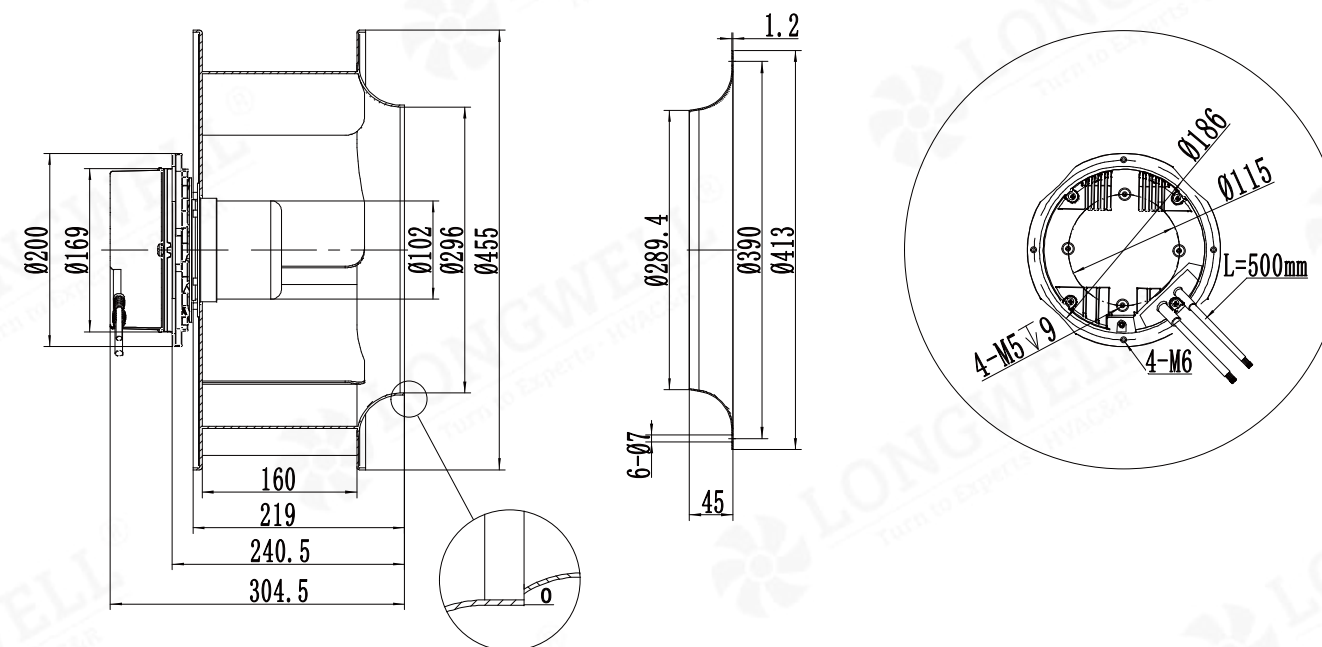


Technical Specifications

Model	Voltage (V)	Input Power (W)	Current (A)	Air Volume (m³/h)	Static Pressure (Pa)	Speed (RPM)	Noise [dB(A)]
LWBE3G450-102PT-06	380	1100	1.8	8652	1391	1500	85



LWBE3G450-102NT-20 (without bracket)



LWBE3G450-102PT-06 (with bracket)

