



Website

Ningbo Longwell Electric Technology Co.,Ltd

TEL:+86 (574) 6218 9863

Fax:+86 18358274663

E-mail:sales@zjlongwell.com

Web:https://www.longwellfans.com/

Address:#NO.100 ,South of Xuxiang River ,Ditang District, Yuyao,Ningbo
Zhejiang Province,China 315400

Skype : Brucehappy1

Whatsapp:+0086 18358274663



***Professional HVAC Fan
& Motors Manufacturer***

—— AC Backward curved Centrifugal Fan

Ningbo Longwell Electric Technology CO, LTD



CATALOGUE

01

Type Code

AC Backward curved Centrifugal Fan

02-42

Diameter:133mm - 225mm

43-82

Diameter:250mm - 315mm

83-112

Diameter:355mm - 450mm

113-130

Diameter:500mm - 630mm

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:72/92/102/138/188/218

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

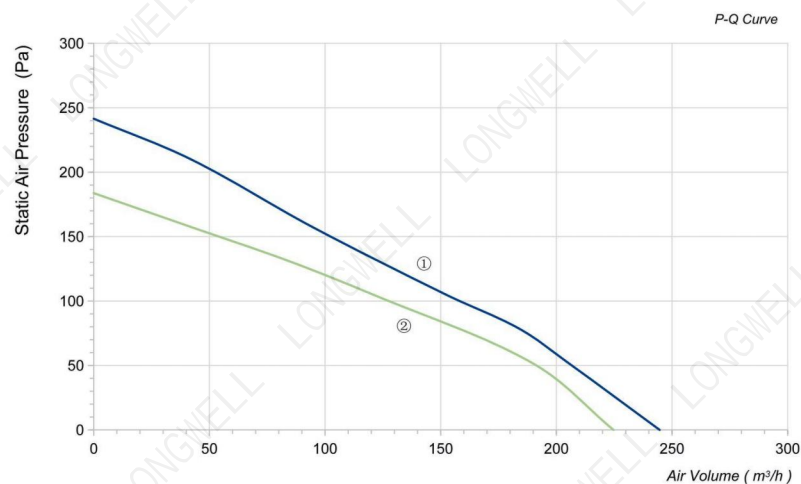
Product Characteristic

- Impeller material: Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

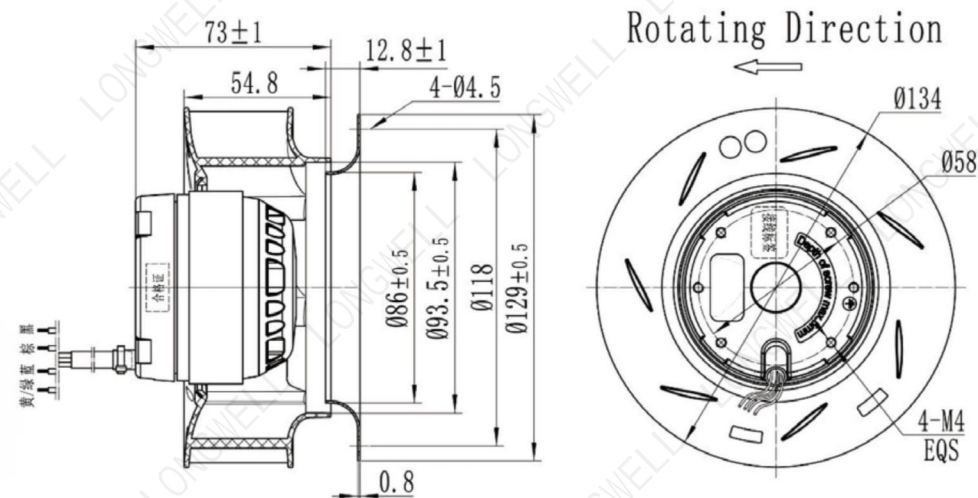


Technical Specifications

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



Product Drawing (mm)



LWBA-155 Series

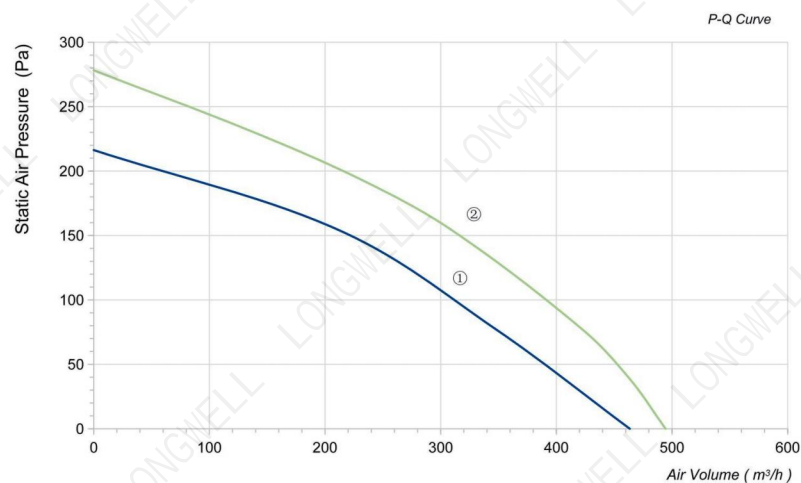
Product Characteristic

- Impeller material: Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

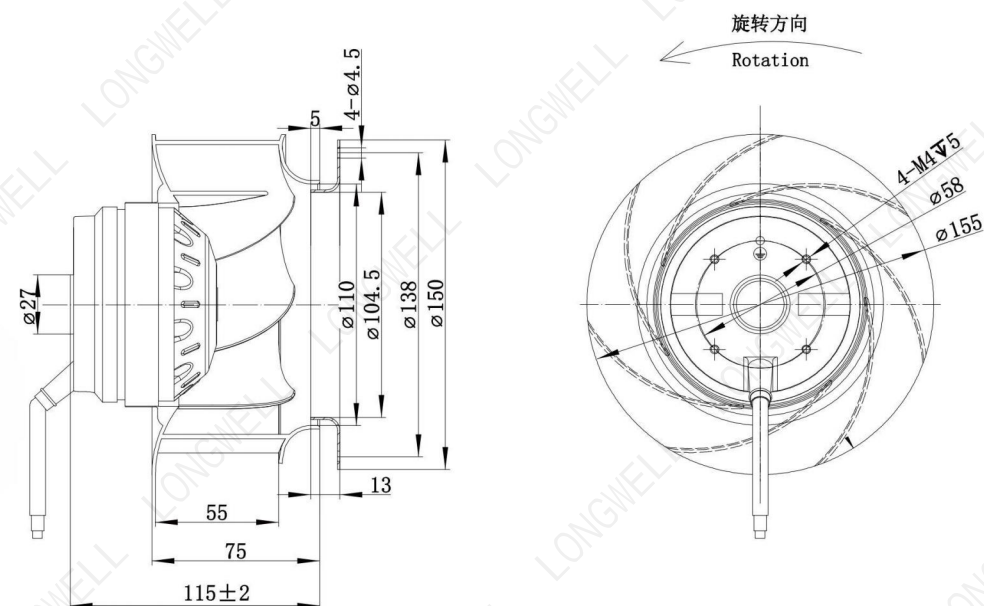


Technical Specifications

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



Product Drawing (mm)



LWBA-175 Series

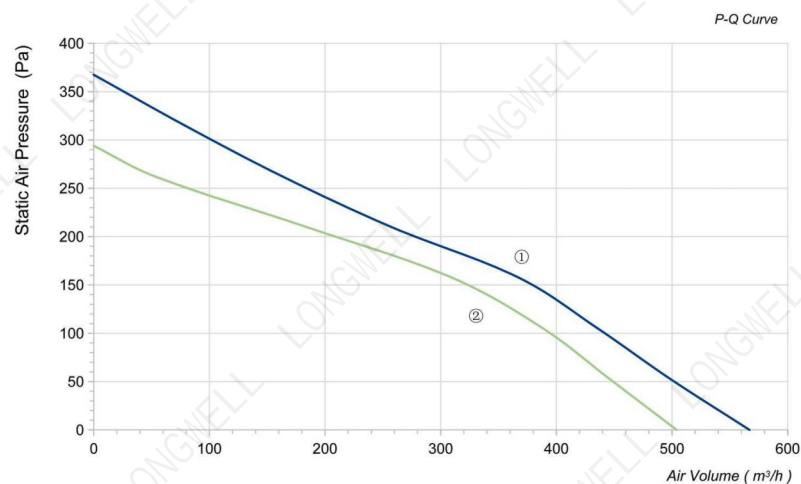
Product Characteristic

- Impeller material: Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

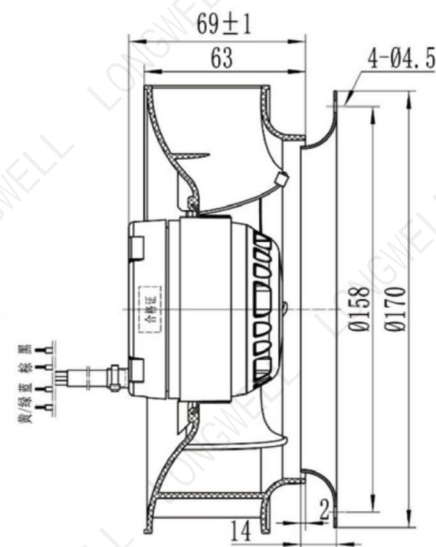


Technical Specifications

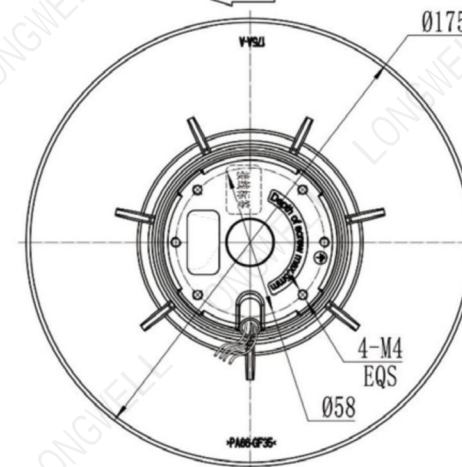
Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWBA2E175-072NU-01	115	60	46.1	0.42	3060	567	368	61.1	6uF	①
LWBA2E175-072NS-02	230	50	35.5	0.15	2770	504	294	60.8	5uF	②



Product Drawing (mm)



Rotating Direction



LWBA-175 Series

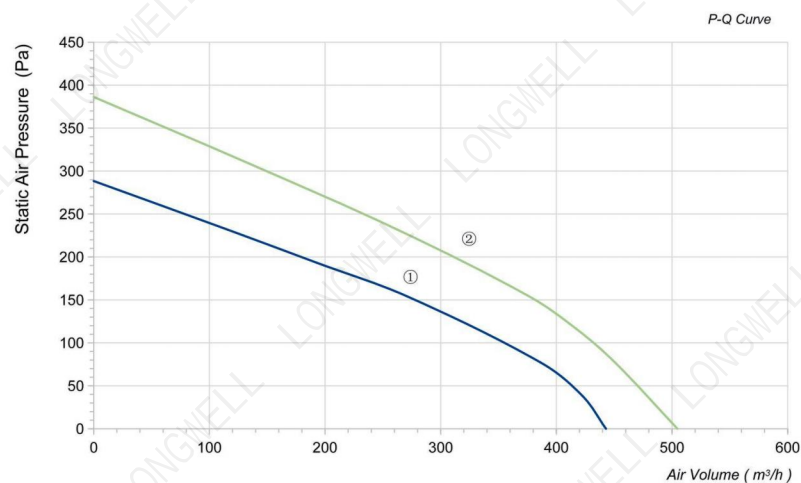
Product Characteristic

- Impeller material: Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

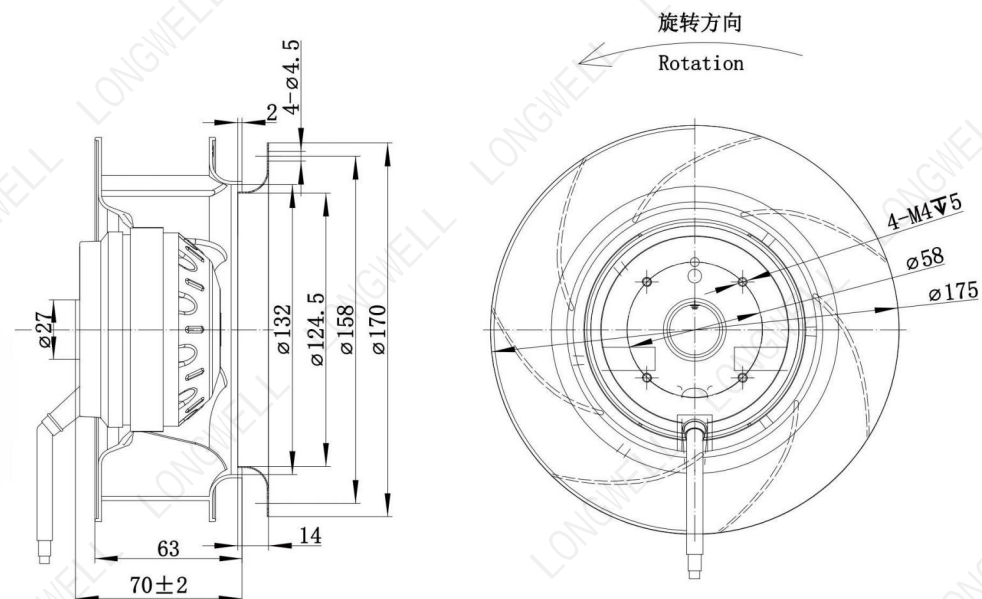


Technical Specifications

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



Product Drawing (mm)



LWBA-175 Series

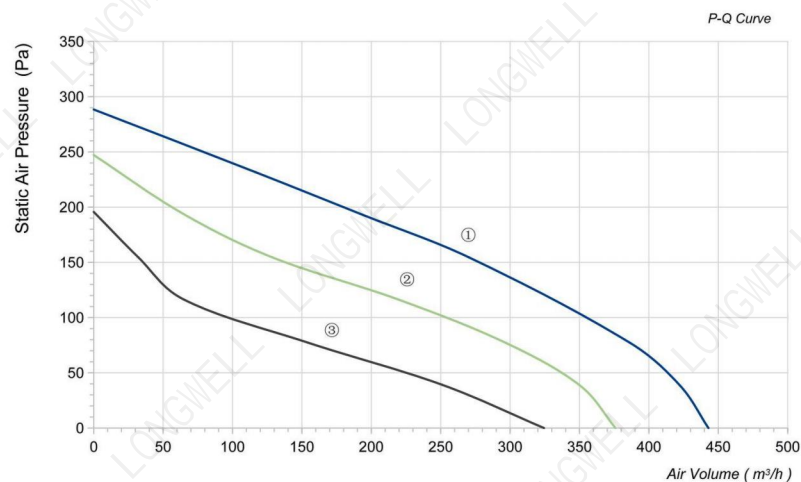
Product Characteristic

- Impeller material: Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

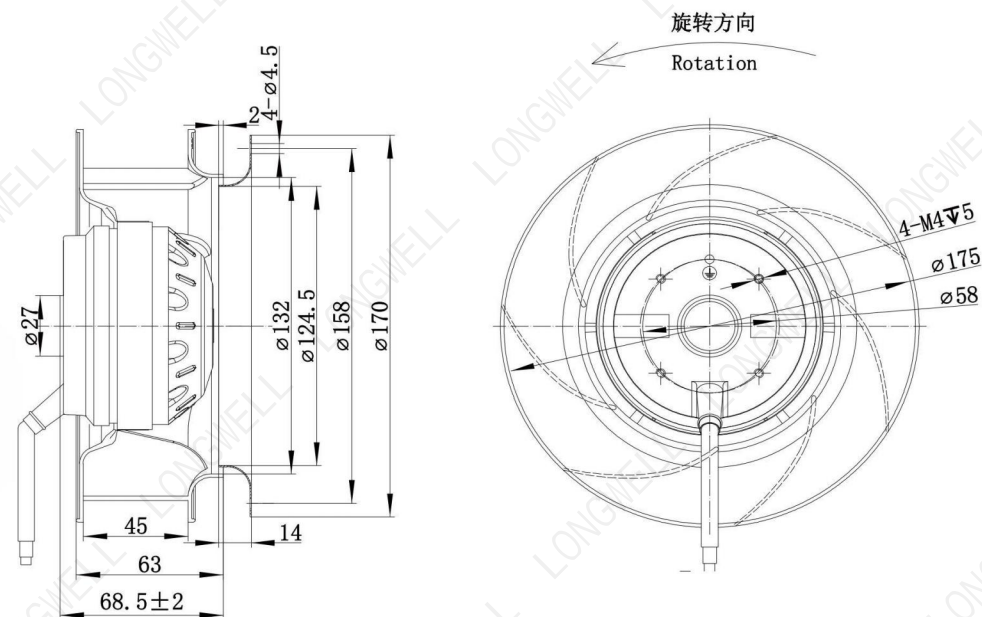


Technical Specifications

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



Product Drawing (mm)



LWBA-180 Series

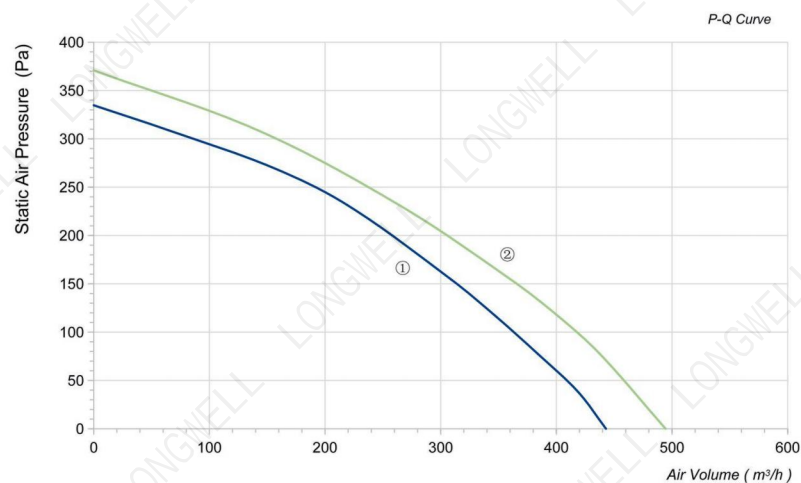
Product Characteristic

- Impeller material: Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

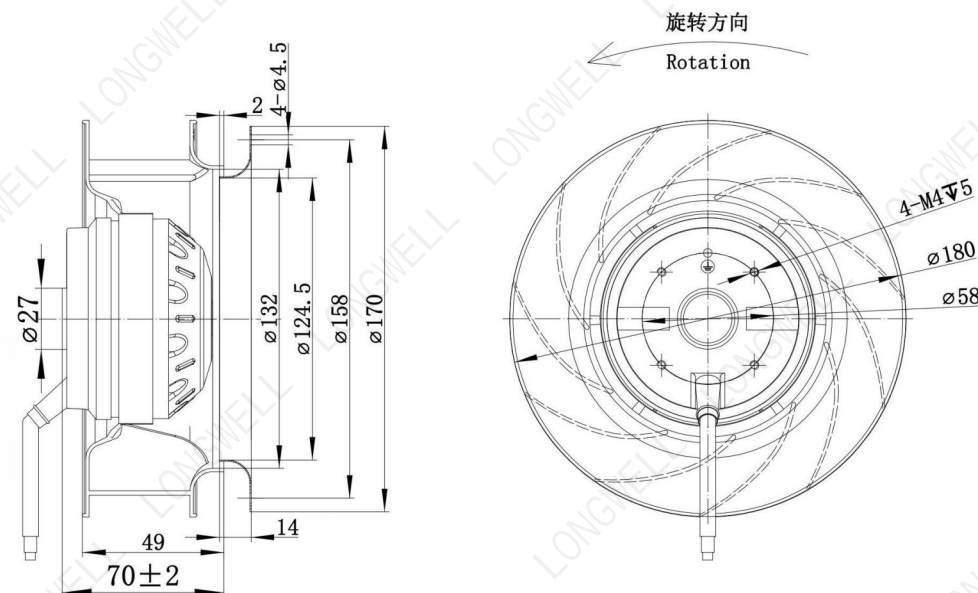


Technical Specifications

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



Product Drawing (mm)



LWBA-180 Series

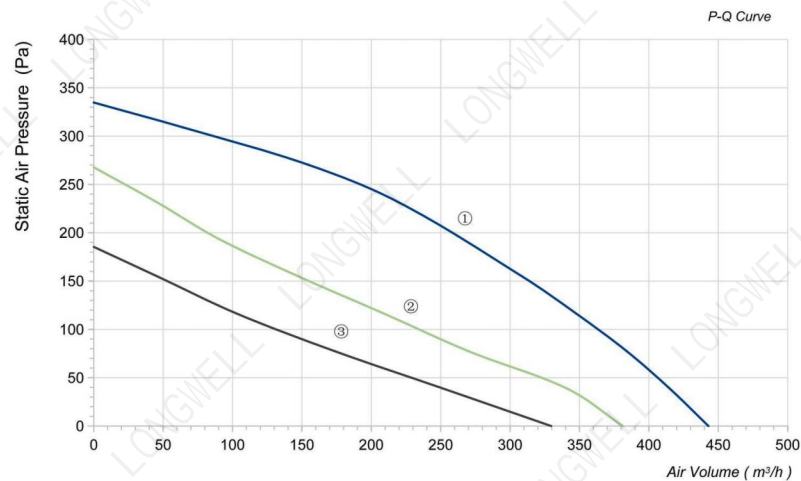
Product Characteristic

- Impeller material : Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65°C

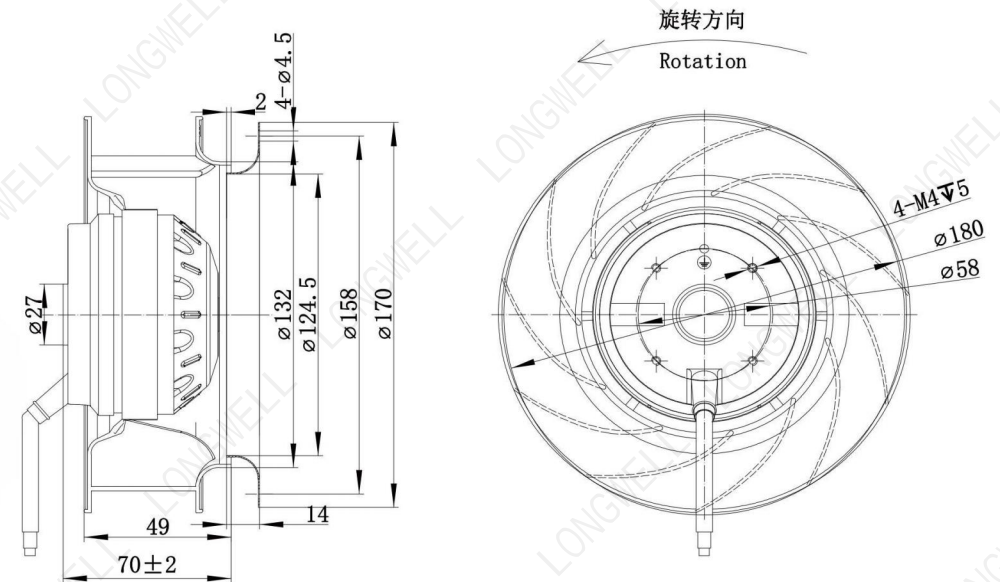


Technical Specifications

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



Product Drawing (mm)



LWBA-190 Series

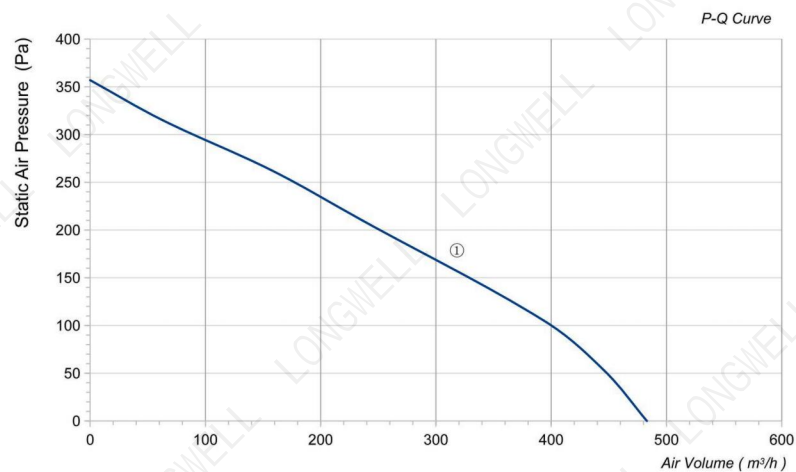
Product Characteristic

- Impeller material: Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

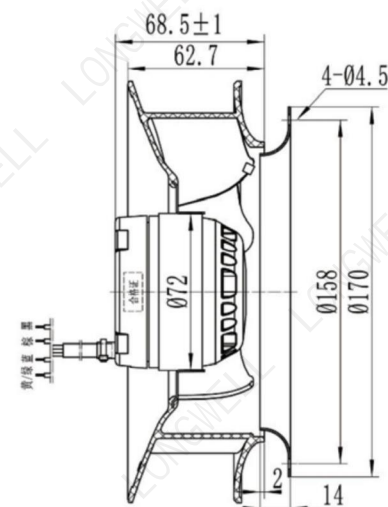


Technical Specifications

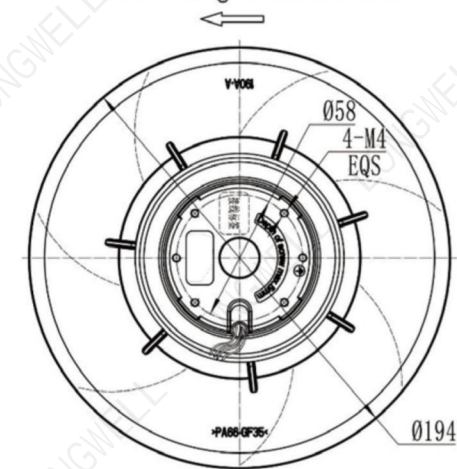
Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWBA2E190-072NS-01	230	50	56	0.25	2640	483	357	64.9	2uF	①



Product Drawing (mm)



Rotating Direction



LWBA-190 Series

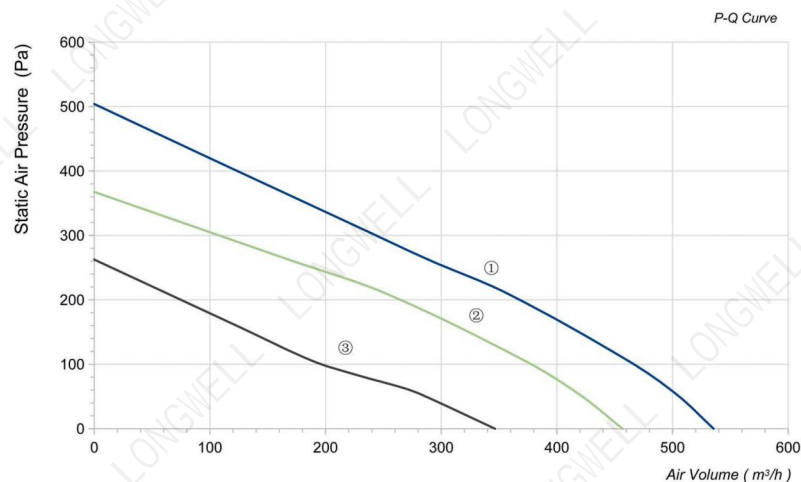
Product Characteristic

- Impeller material: Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

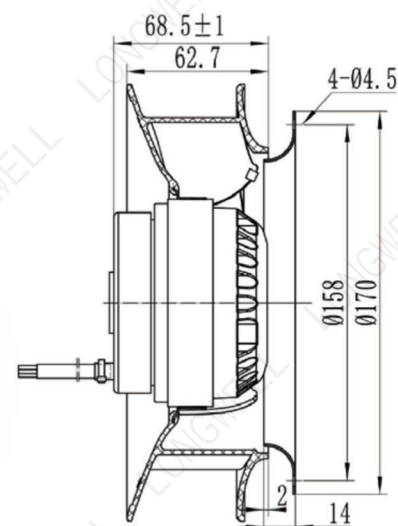


Technical Specifications

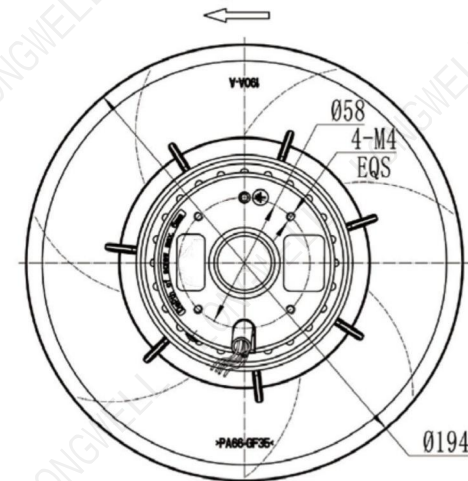
Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWBA2E190-092NU-02	115	60	70	0.31	3080	536	504	68.5	8uF	①
LWBA2E190-092NS-03	230	50	60	0.27	2700	457	368	65.2	2.5uF	②
LWBA4E190-092NS-04	230	50	30	0.14	2100	347	263	58.2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



Product Drawing (mm)



Rotating Direction



LWBA-190 Series

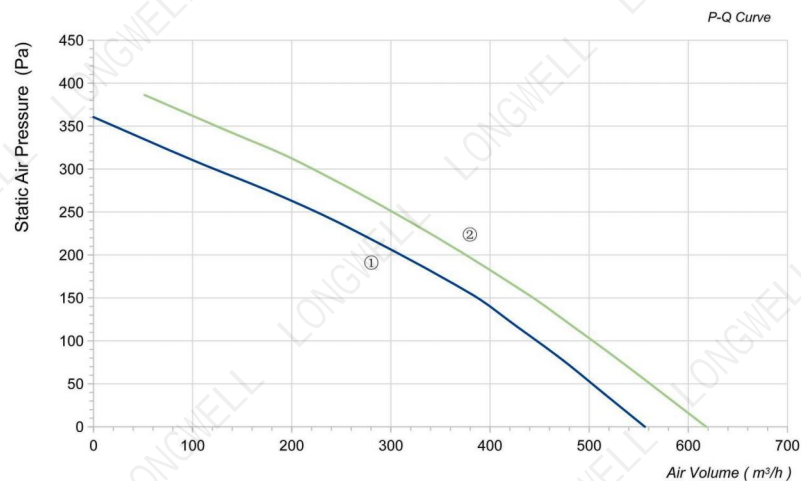
Product Characteristic

- Impeller material: Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

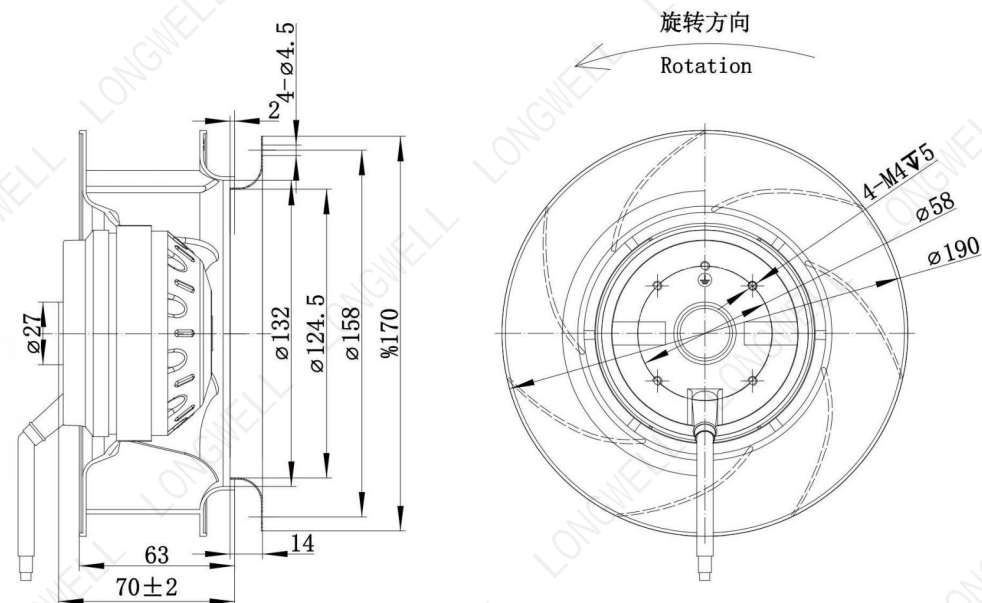


Technical Specifications

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



Product Drawing (mm)



LWBA-190 Series

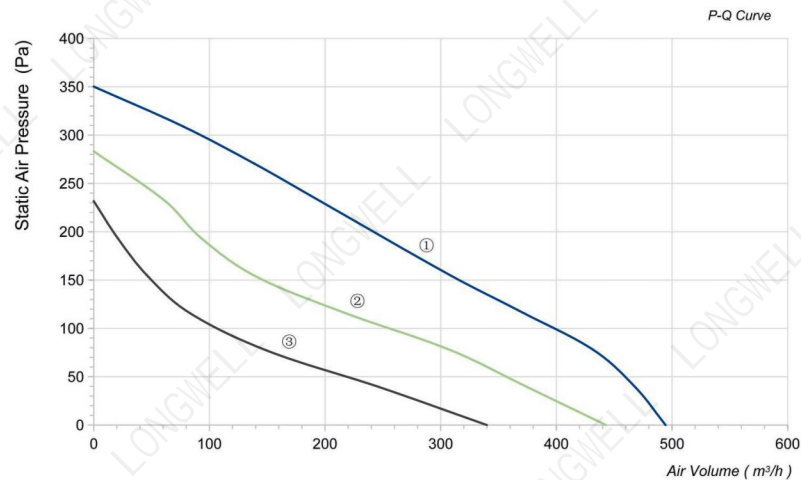
Product Characteristic

- Impeller material : Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

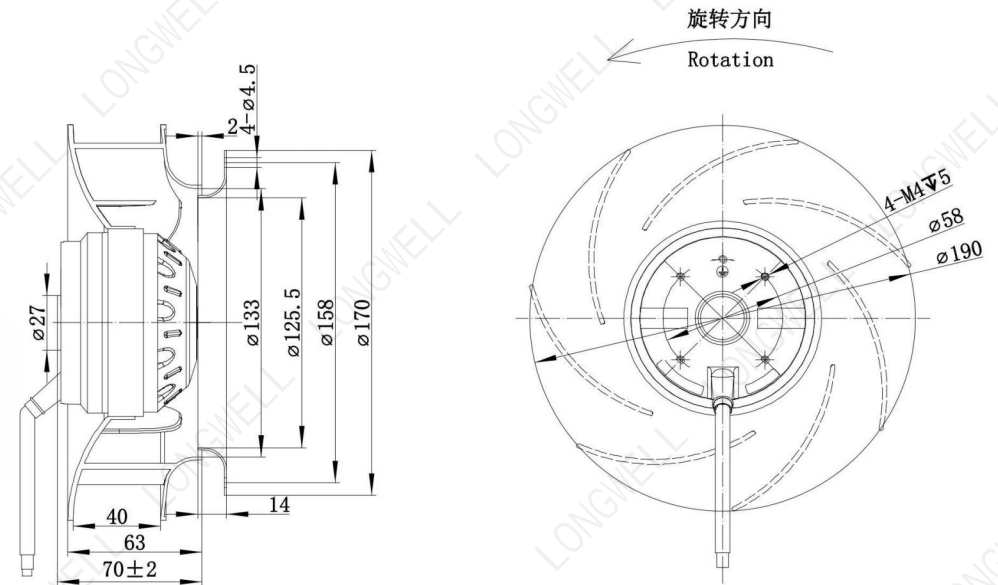


Technical Specifications

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



Product Drawing (mm)



LWBA-220 Series

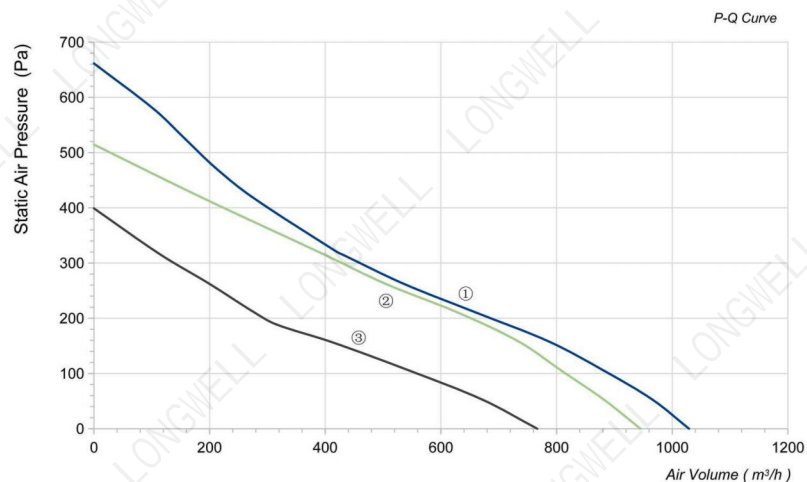
Product Characteristic

- Impeller material: Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

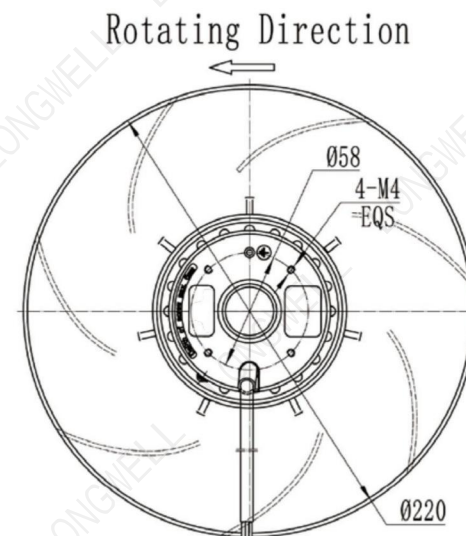
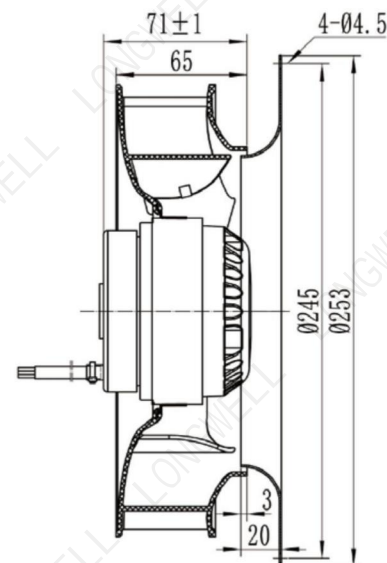


Technical Specifications

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



Product Drawing (mm)



LWBA-220 Series

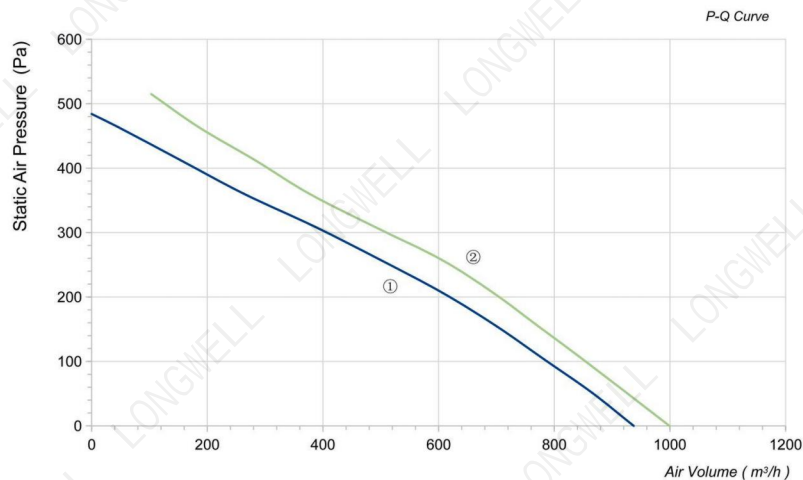
Product Characteristic

- Impeller material : Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

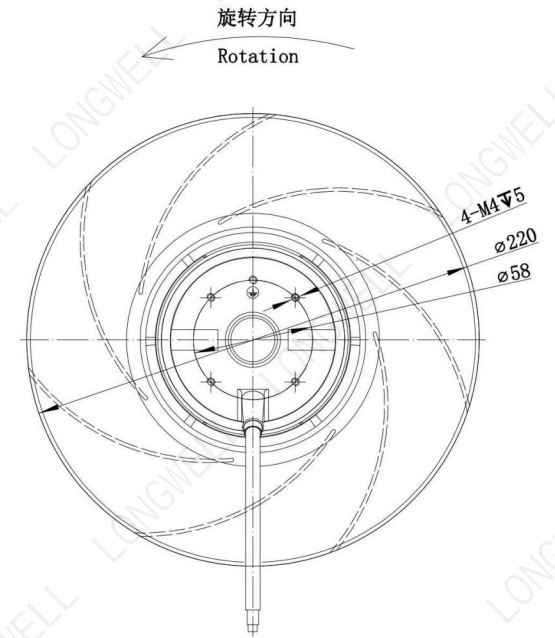
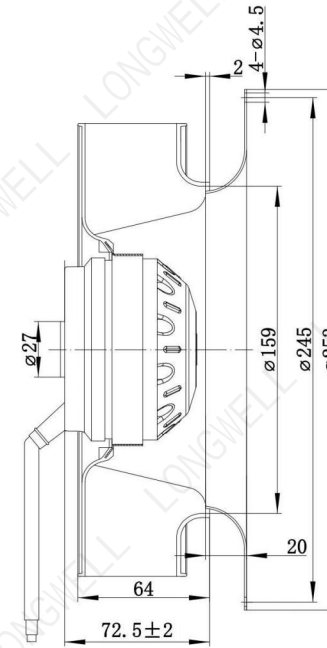


Technical Specifications

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



Product Drawing (mm)



LWBA-220 Series

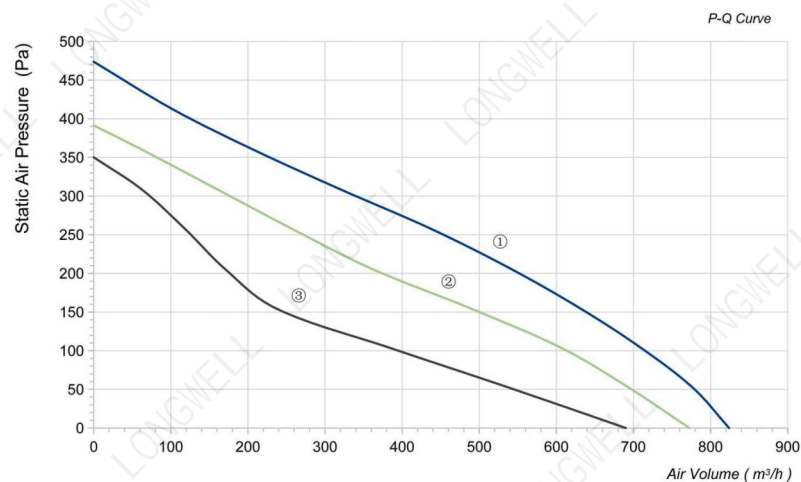
Product Characteristic

- Impeller material: Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

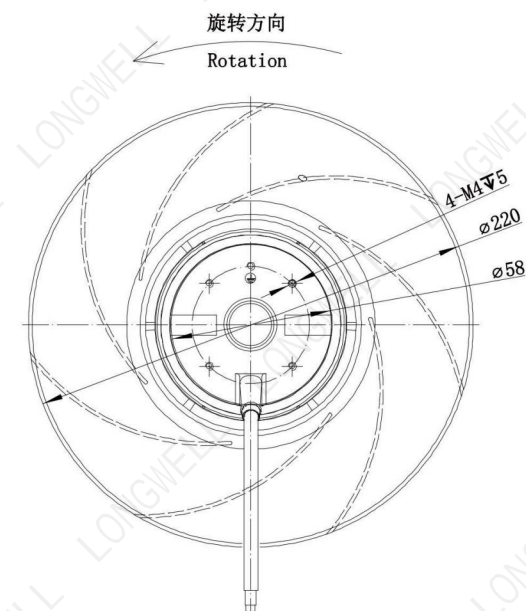
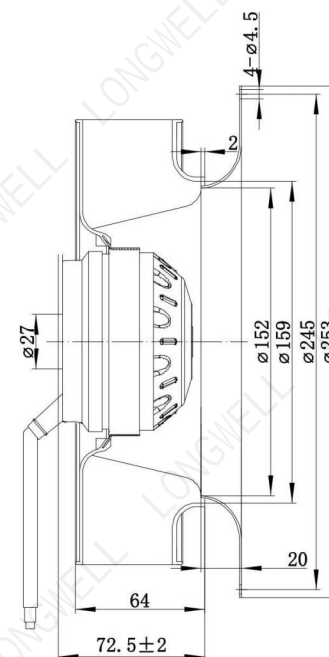


Technical Specifications

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



Product Drawing (mm)



LWBA-220 Series

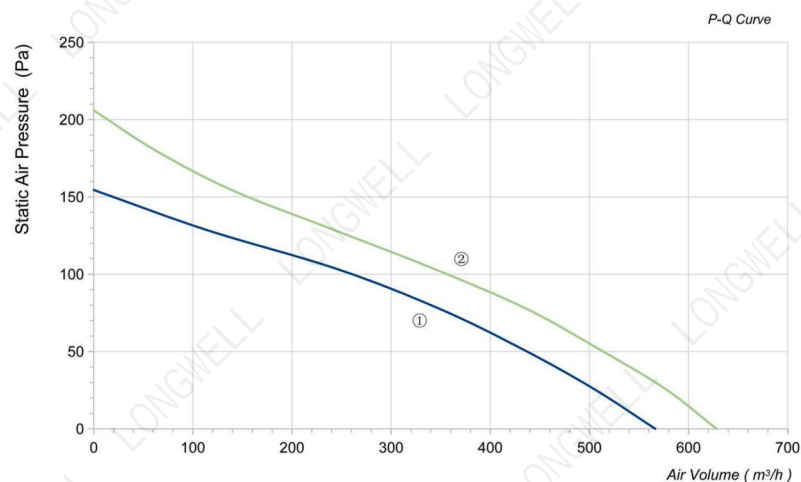
Product Characteristic

- Impeller material : Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

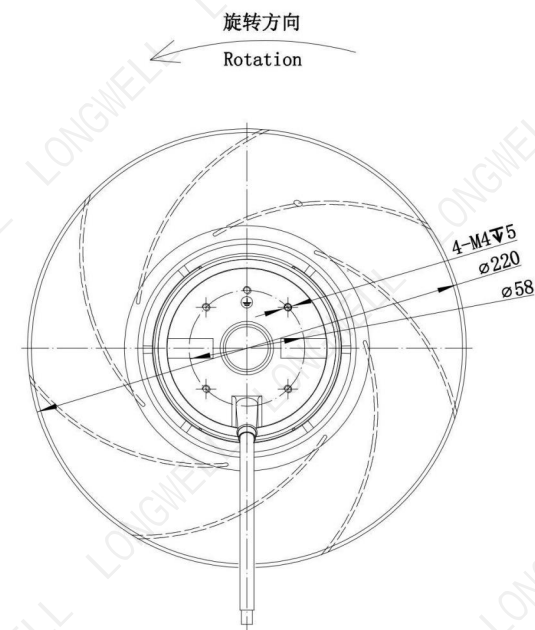
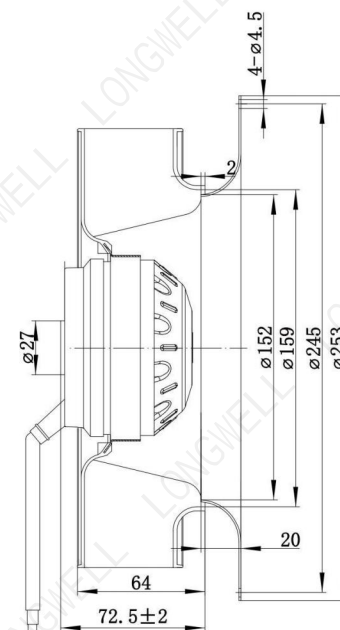


Technical Specifications

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



Product Drawing (mm)



LWBA-225 Series

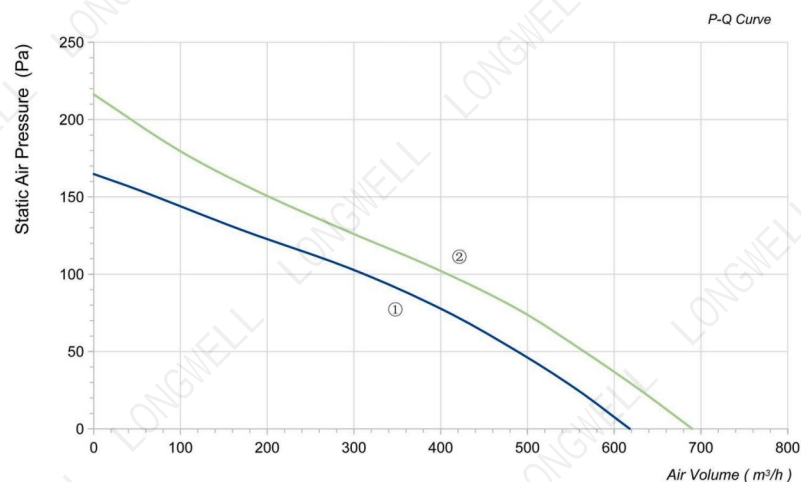
Product Characteristic

- Impeller material : Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

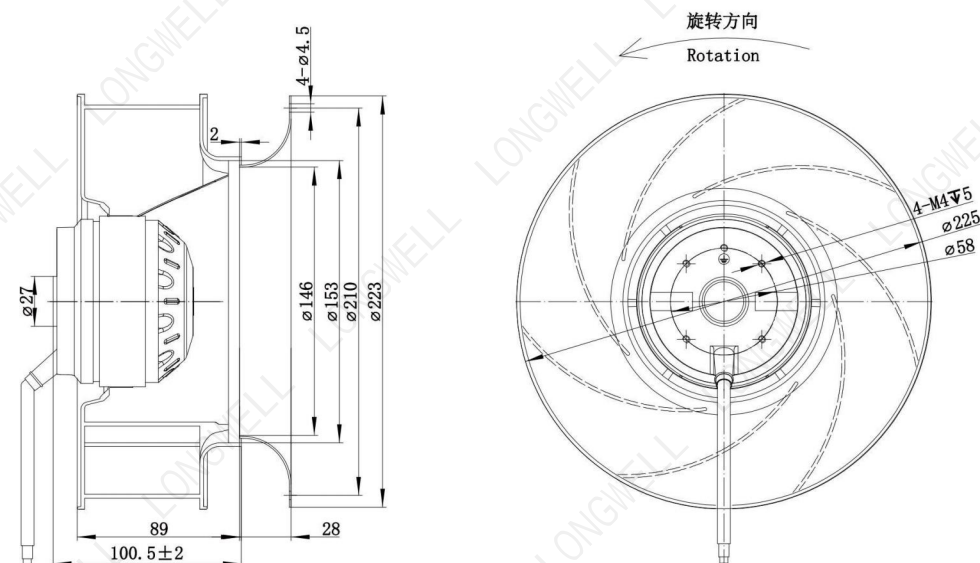


Technical Specifications

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



Product Drawing (mm)



LWBA-225 Series

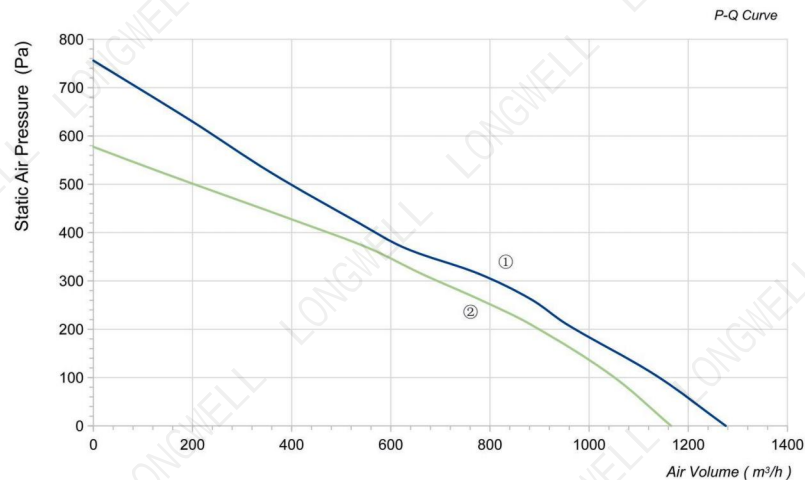
Product Characteristic

- Impeller material: Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

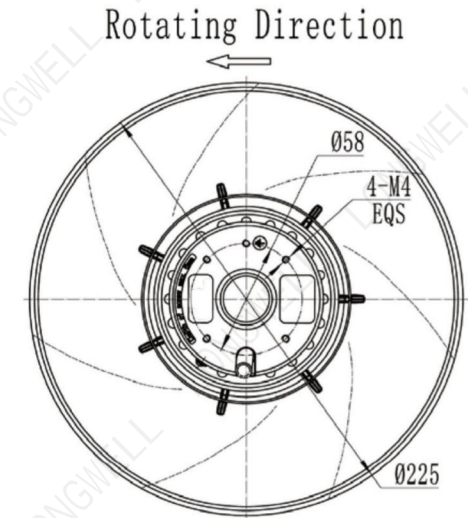
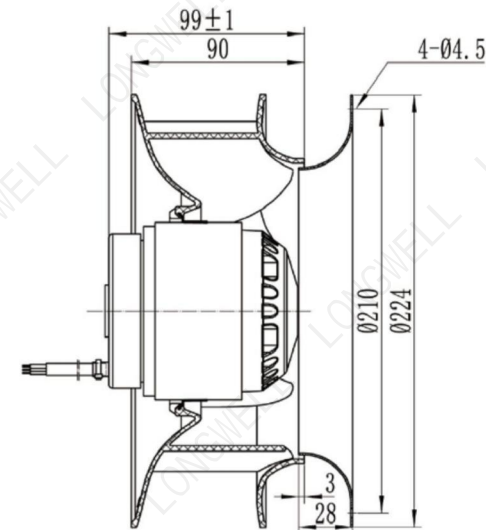


Technical Specifications

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



Product Drawing (mm)



LWBA-225 Series

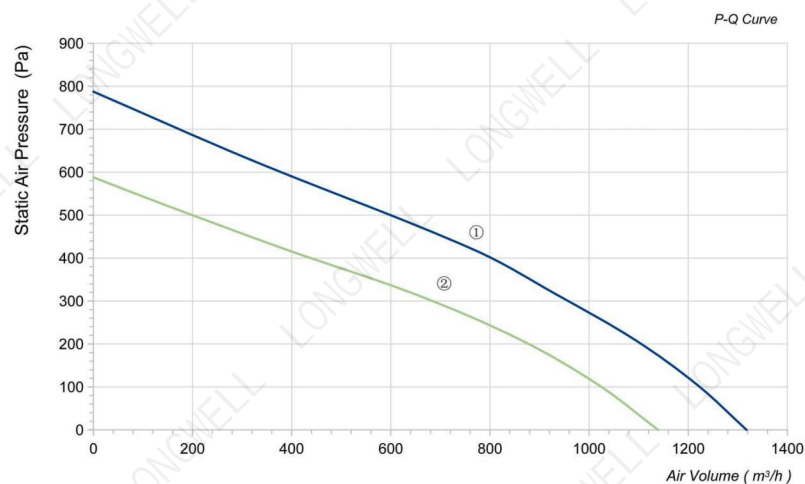
Product Characteristic

- Impeller material : Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

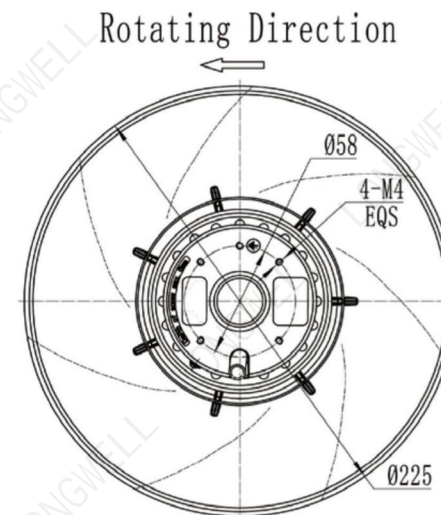
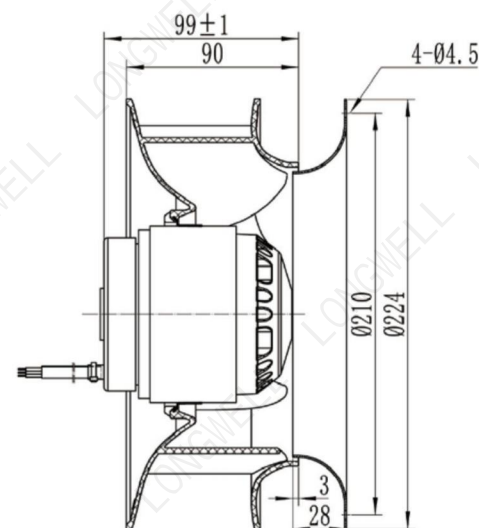


Technical Specifications

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



Product Drawing (mm)



LWBA-225 Series

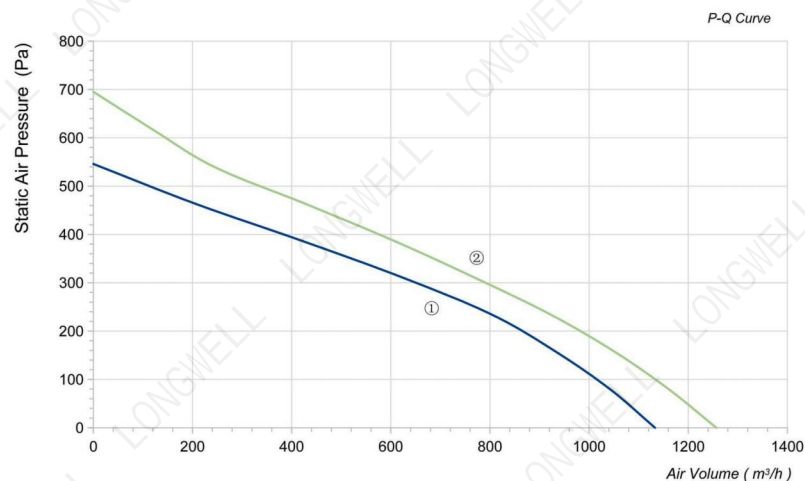
Product Characteristic

- Impeller material : Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

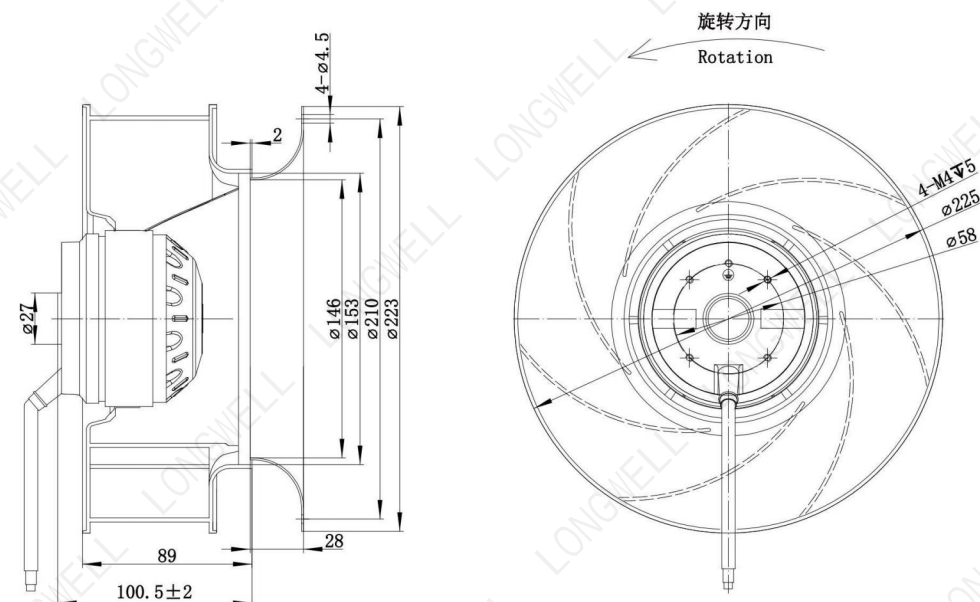


Technical Specifications

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



Product Drawing (mm)



LWBA-225 Series

Product Characteristic

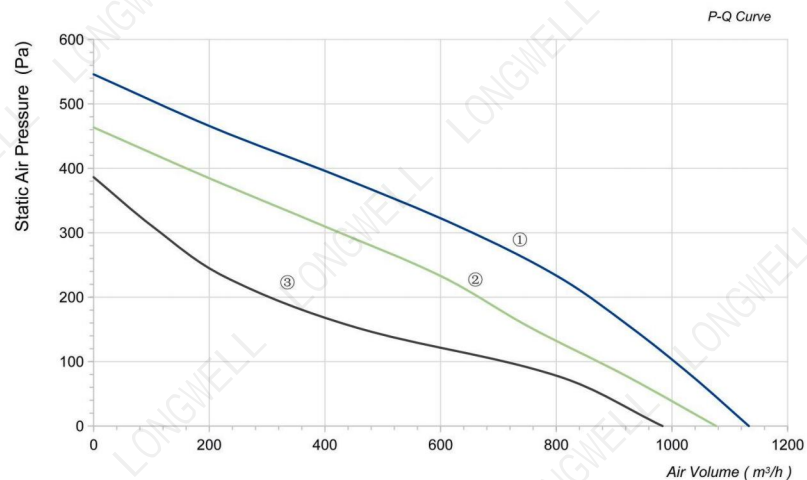
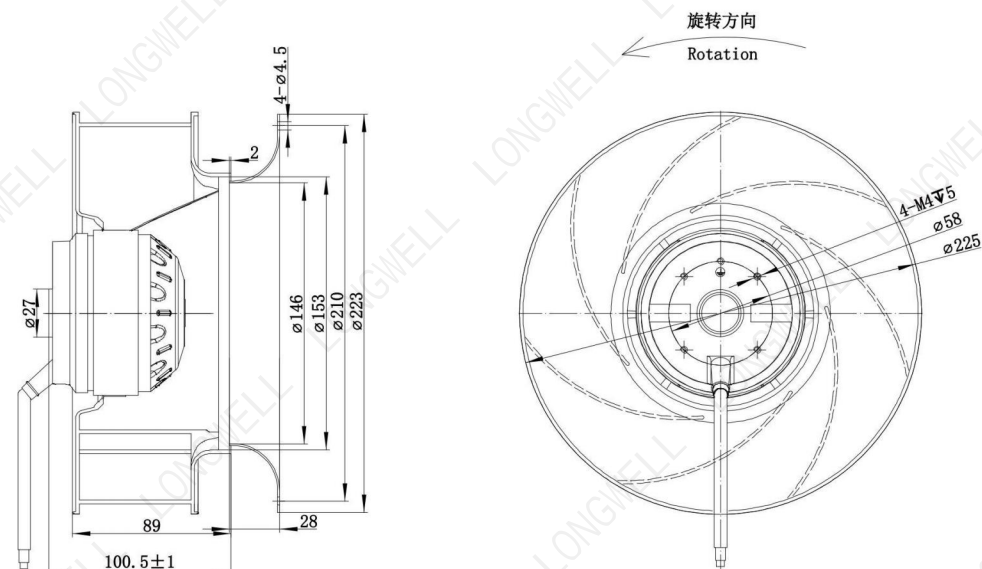
- Impeller material: Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C



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

Product Drawing (mm)



LWBA-250 Series

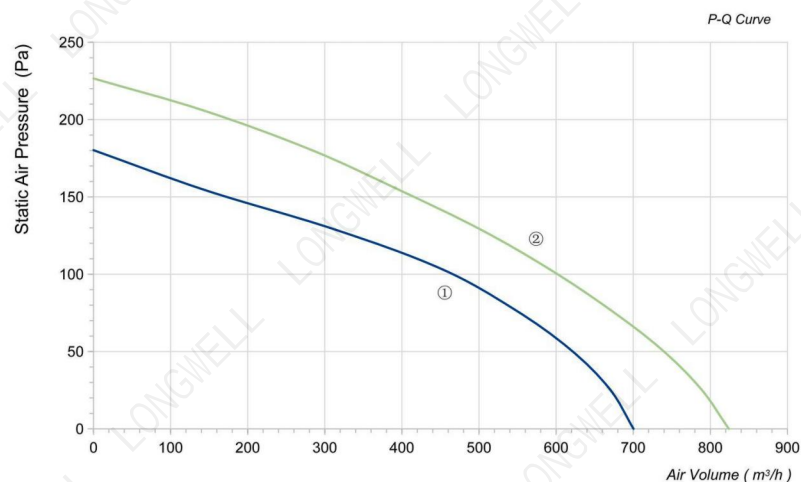
Product Characteristic

- Impeller material : Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

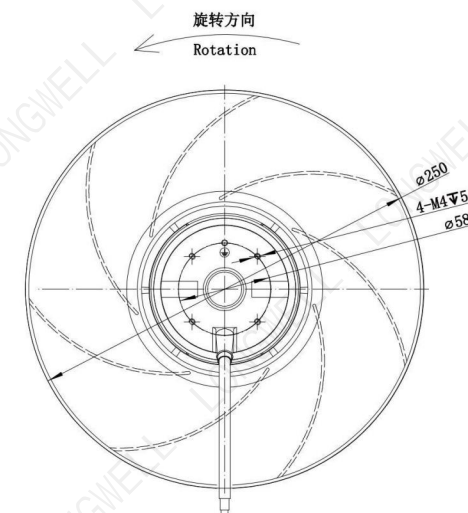
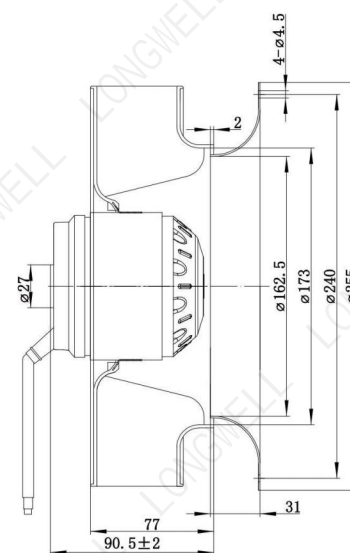


Technical Specifications

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



Product Drawing (mm)



LWBA-250 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

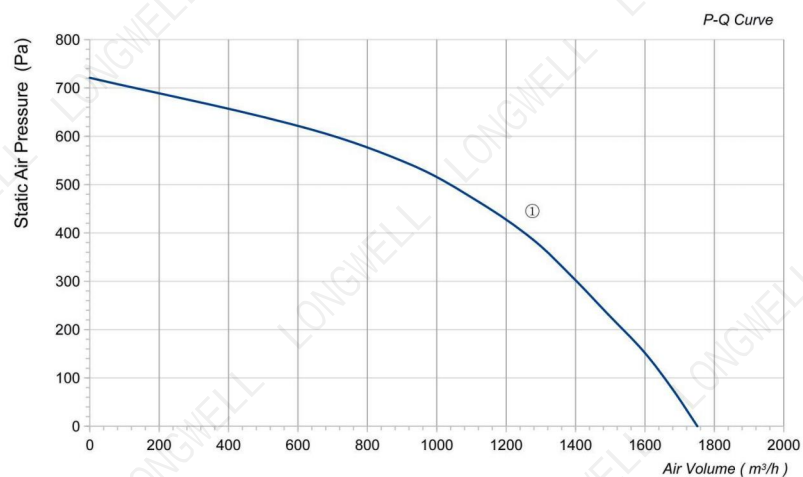
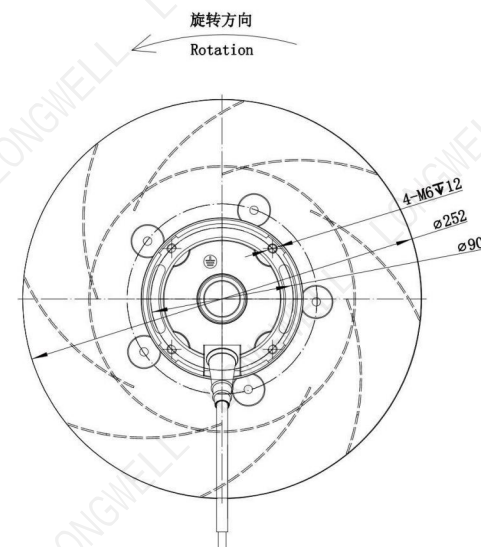
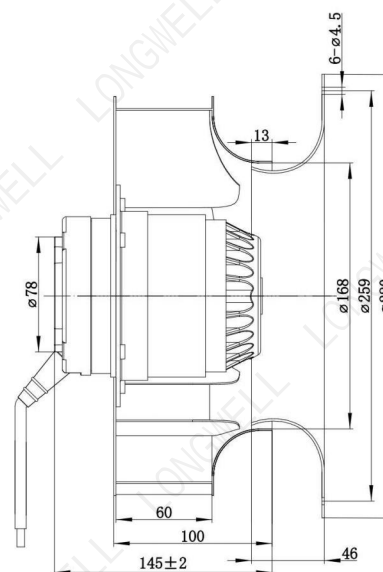


Technical Specifications

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



Product Drawing (mm)



LWBA-250 Series

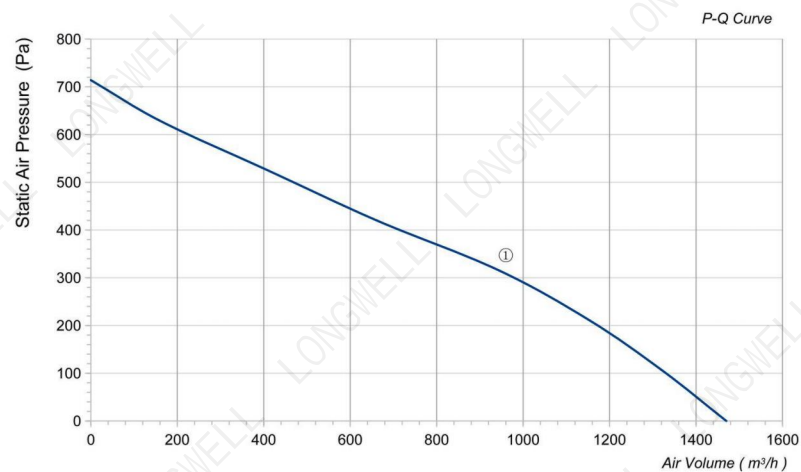
Product Characteristic

- Impeller material: Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

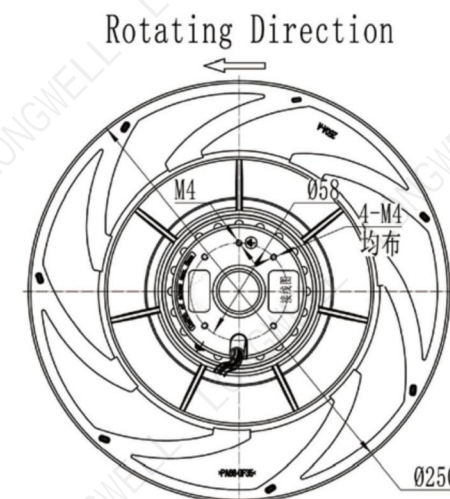
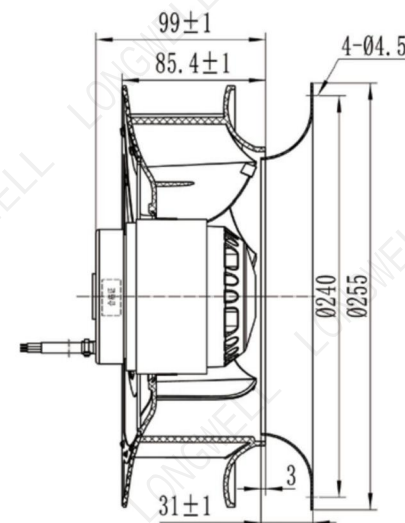


Technical Specifications

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



Product Drawing (mm)



LWBA-250 Series

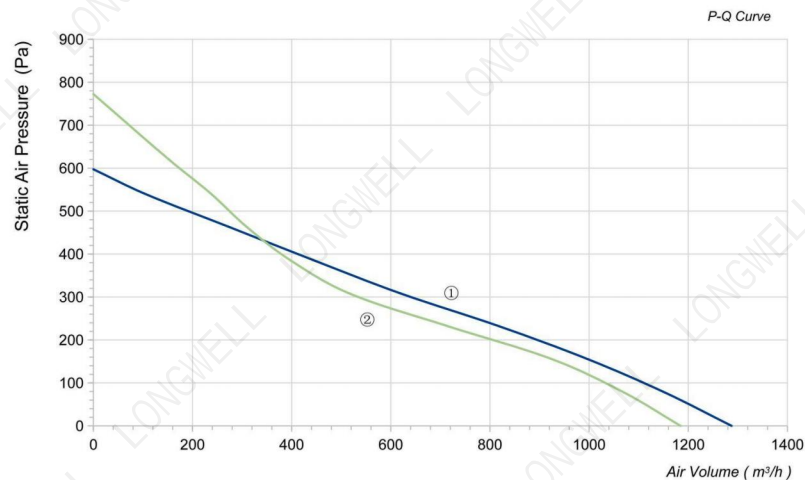
Product Characteristic

- Impeller material : Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

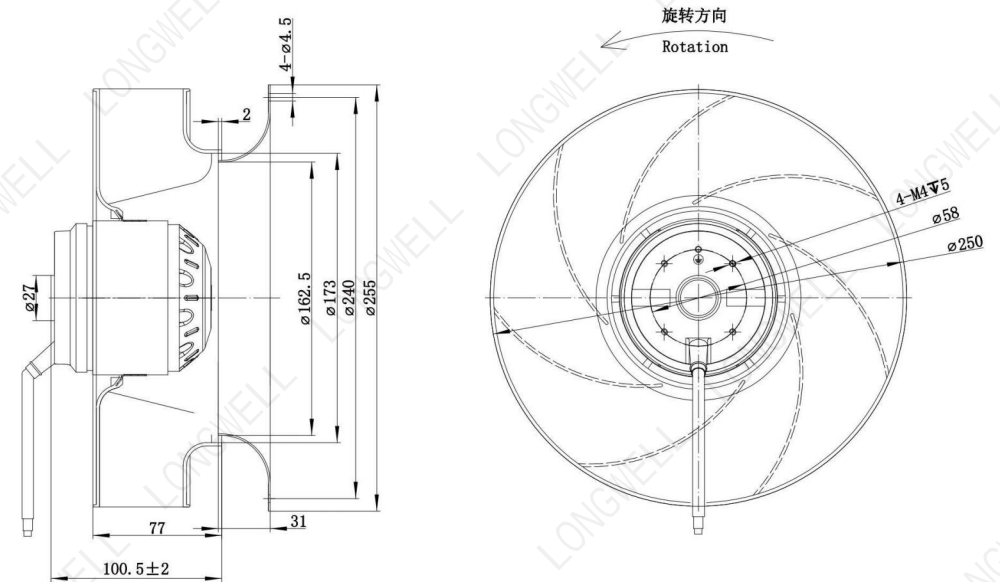


Technical Specifications

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



Product Drawing (mm)



LWBA-250 Series

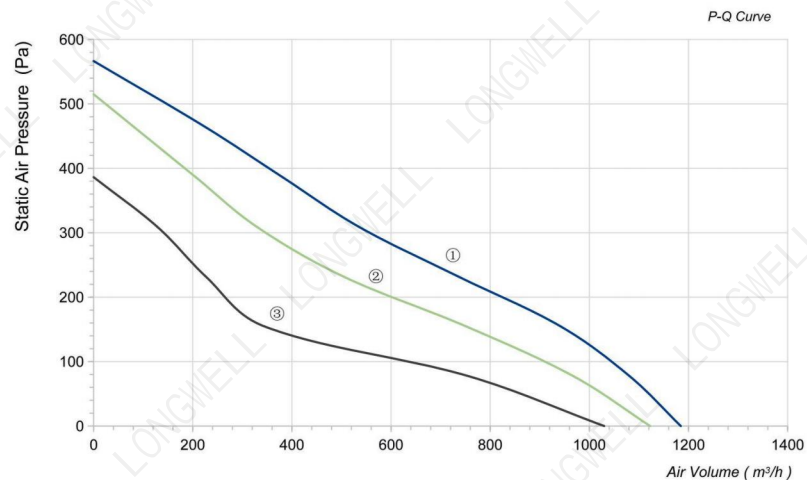
Product Characteristic

- Impeller material : Plastic PA66
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP44
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

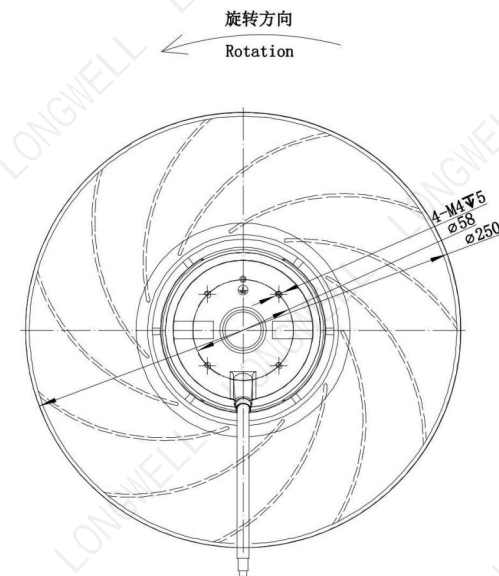
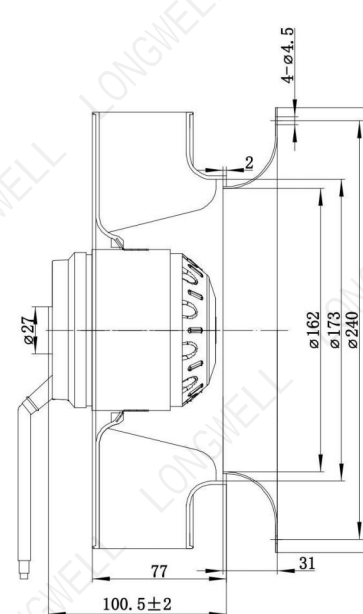


Technical Specifications

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



Product Drawing (mm)



LWBA-250 Series

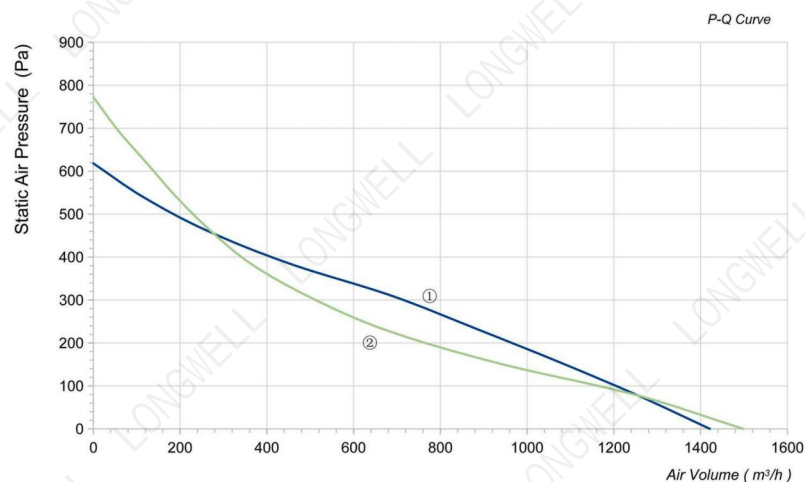
Product Characteristic

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

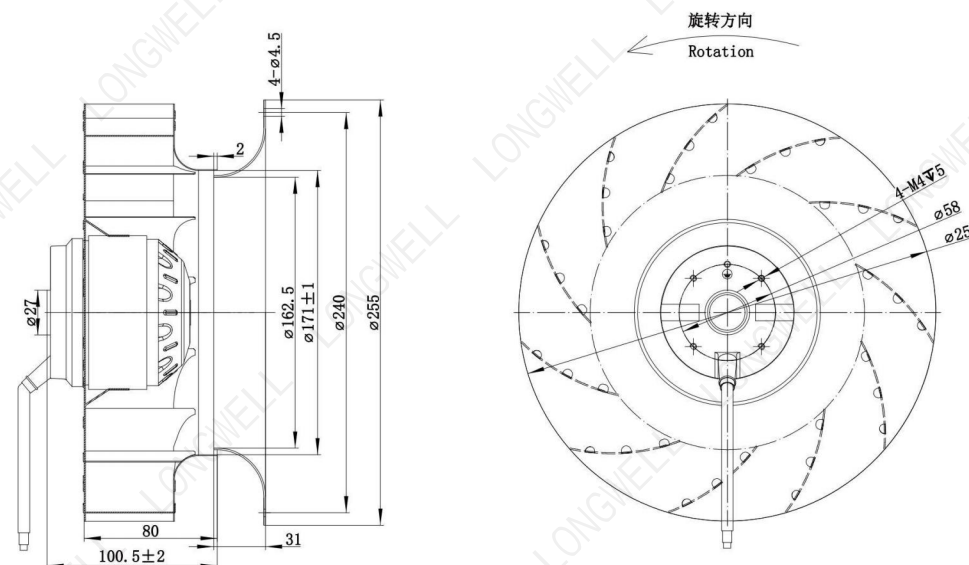


Technical Specifications

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



Product Drawing (mm)



LWBA-250 Series

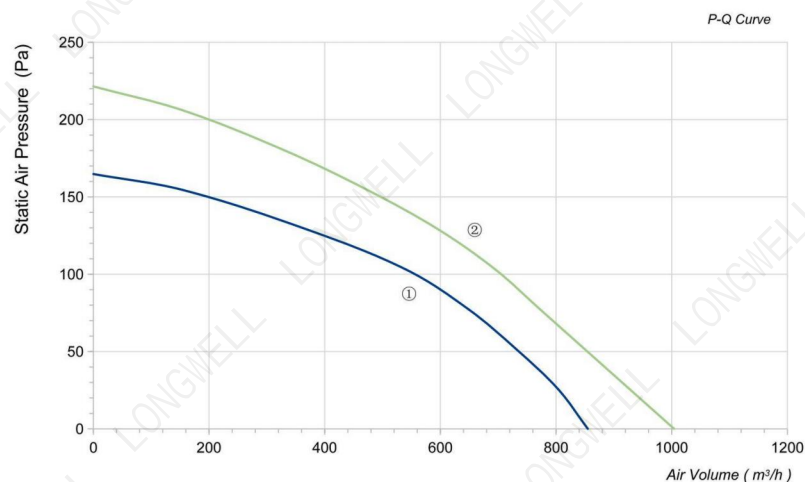
Product Characteristic

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

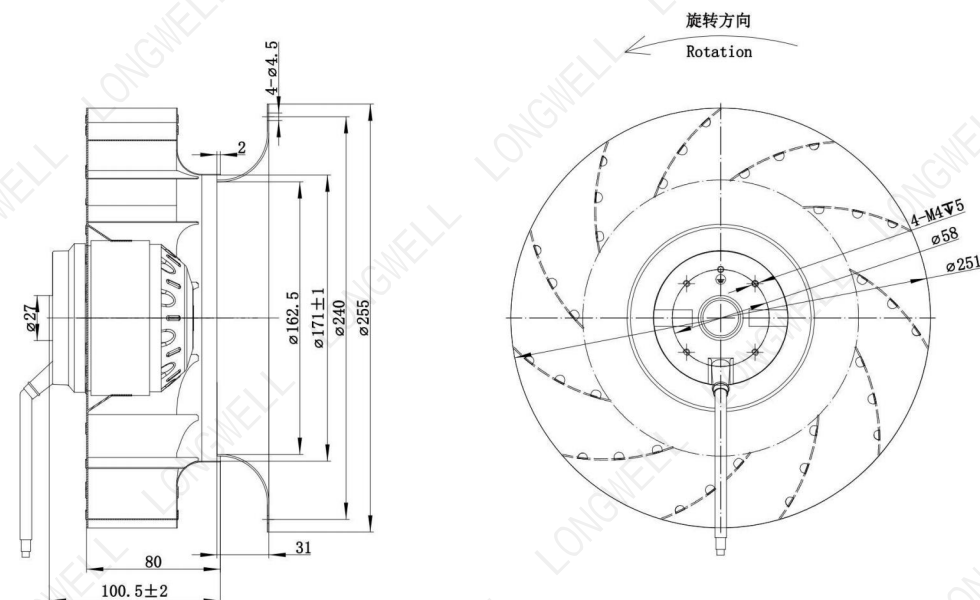


Technical Specifications

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



Product Drawing (mm)



LWBA-280 Series

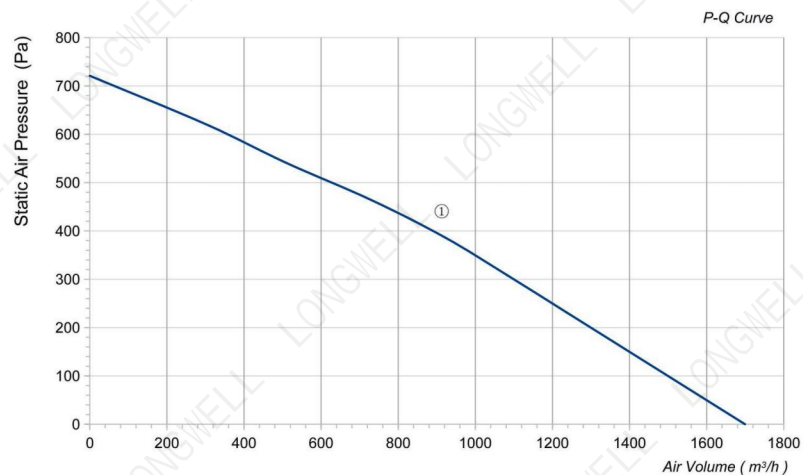
Product Characteristic

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

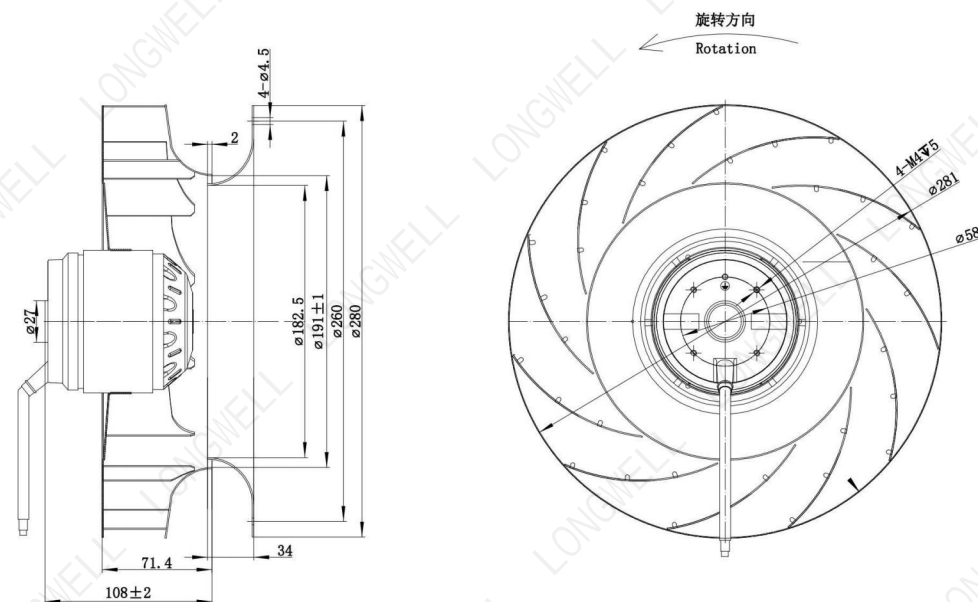


Technical Specifications

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



Product Drawing (mm)



LWBA-280 Series

Product Characteristic

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

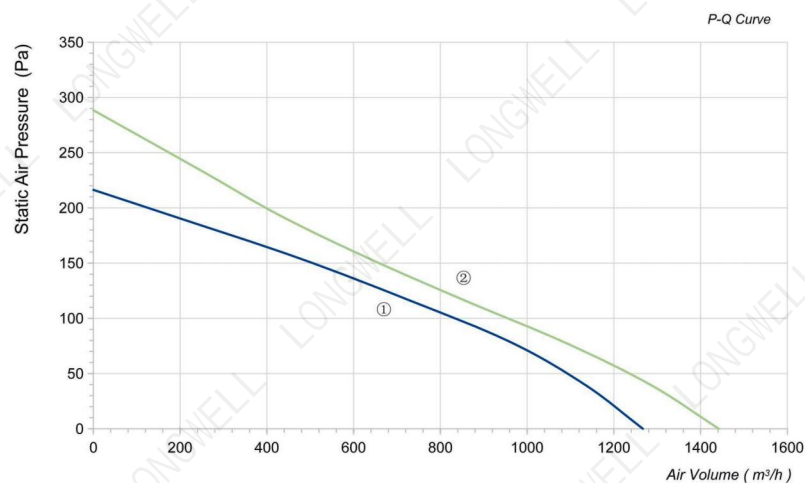
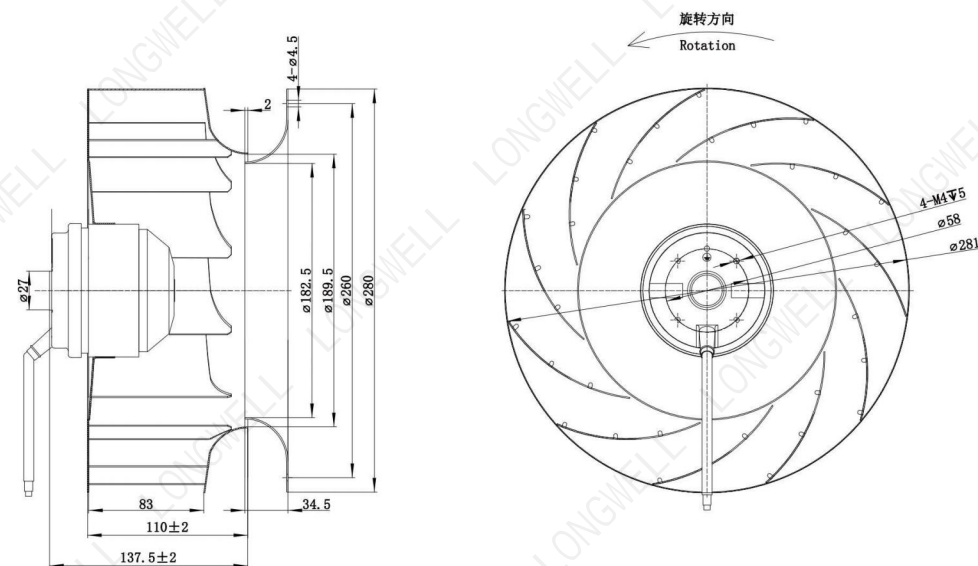


Technical Specifications

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



Product Drawing (mm)



LWBA-280 Series

Product Characteristic

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

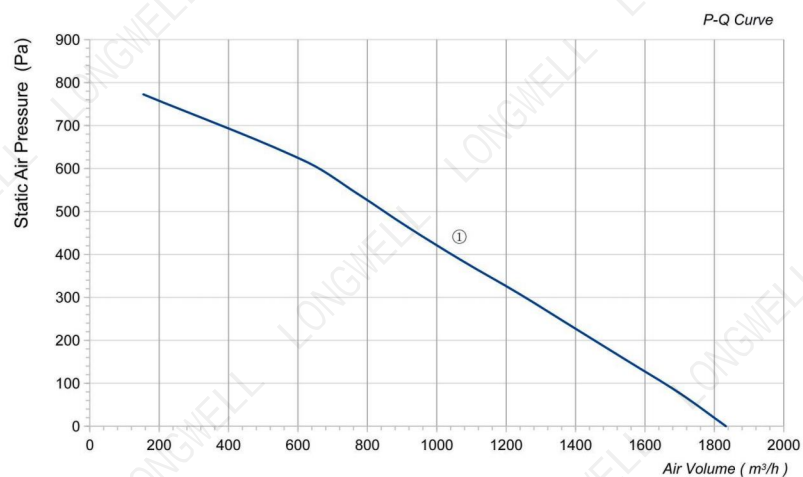
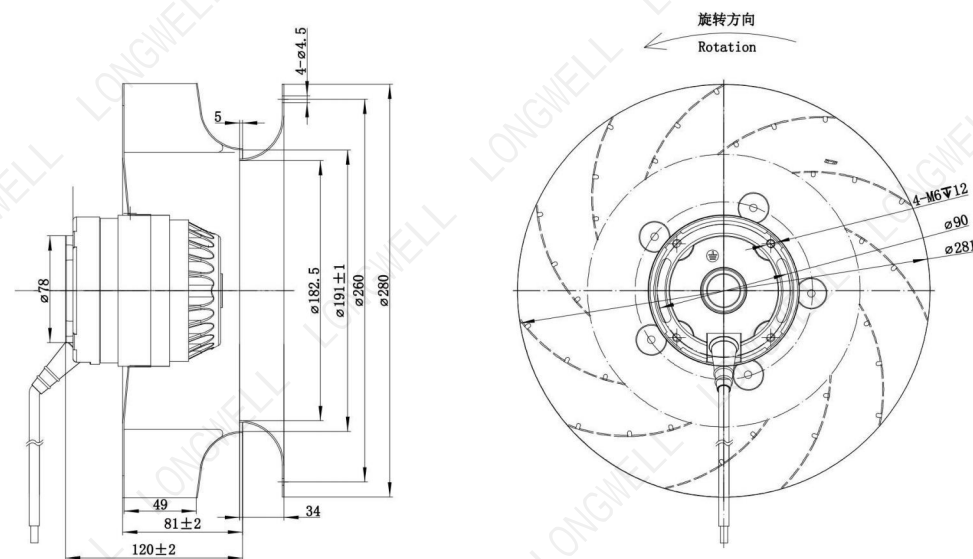


Technical Specifications

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



Product Drawing (mm)



LWBA-280 Series

Product Characteristic

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

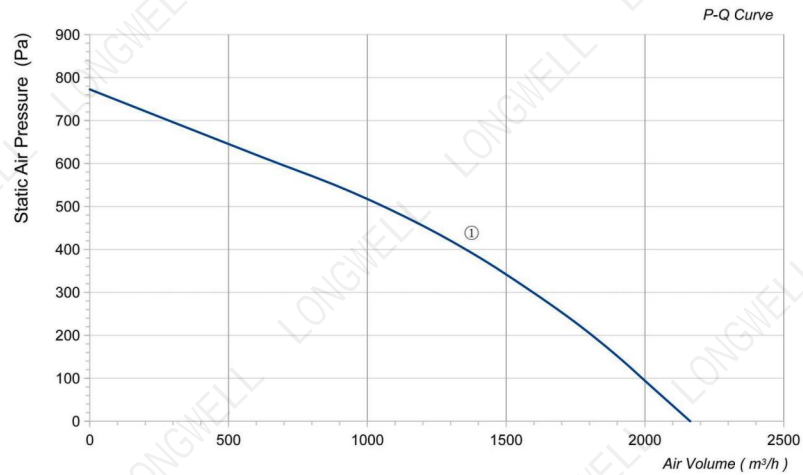
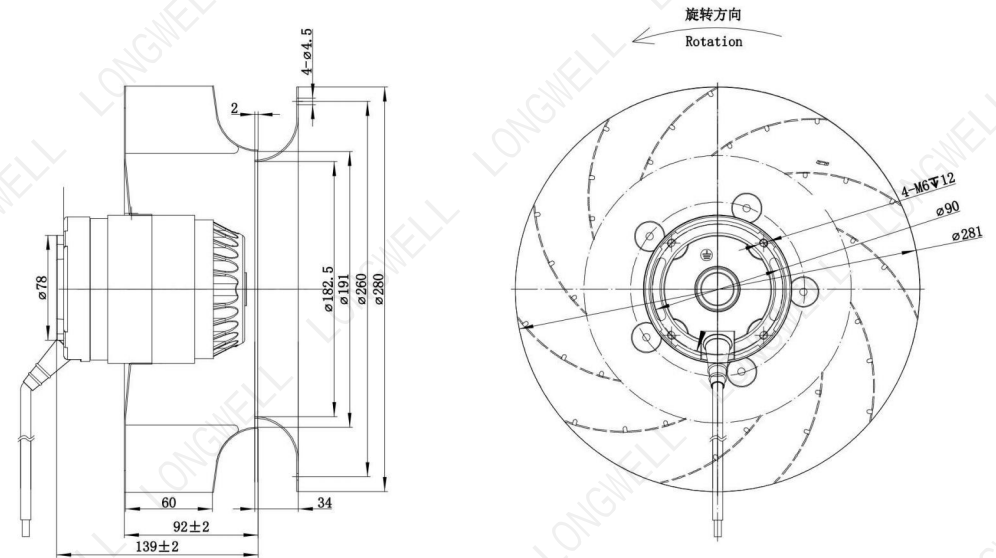


Technical Specifications

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



Product Drawing (mm)



LWBA-280 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

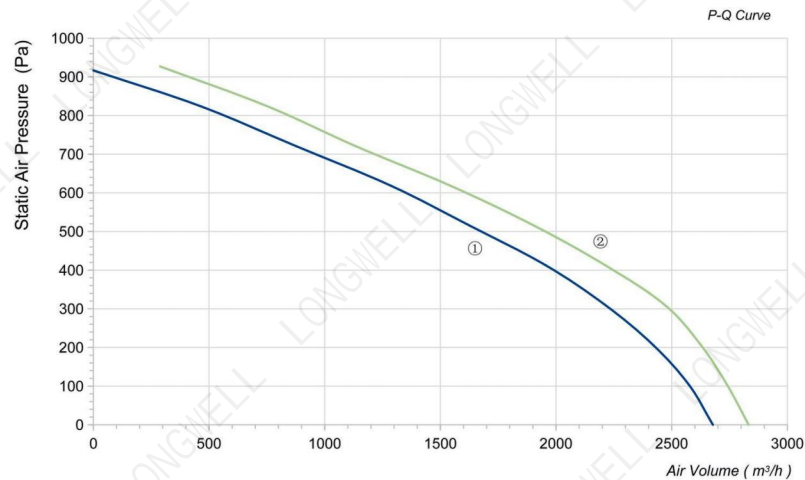
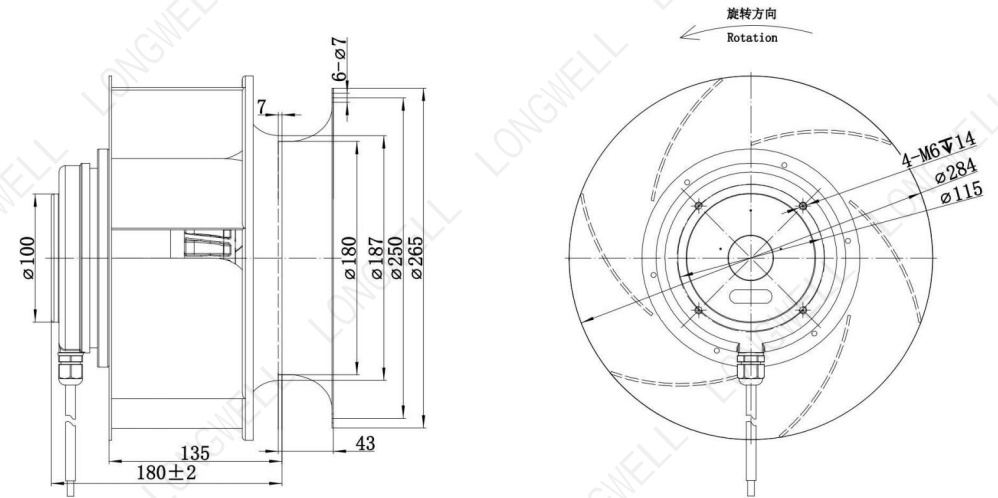


Technical Specifications

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



Product Drawing (mm)



LWBA-315 Series

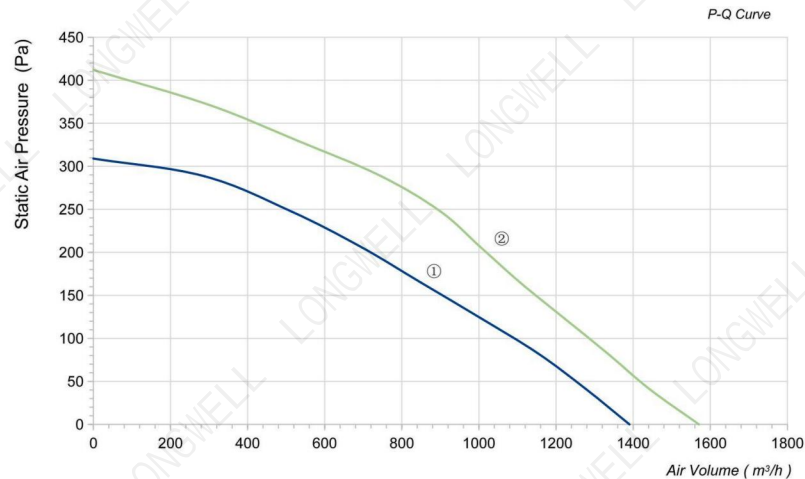
Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

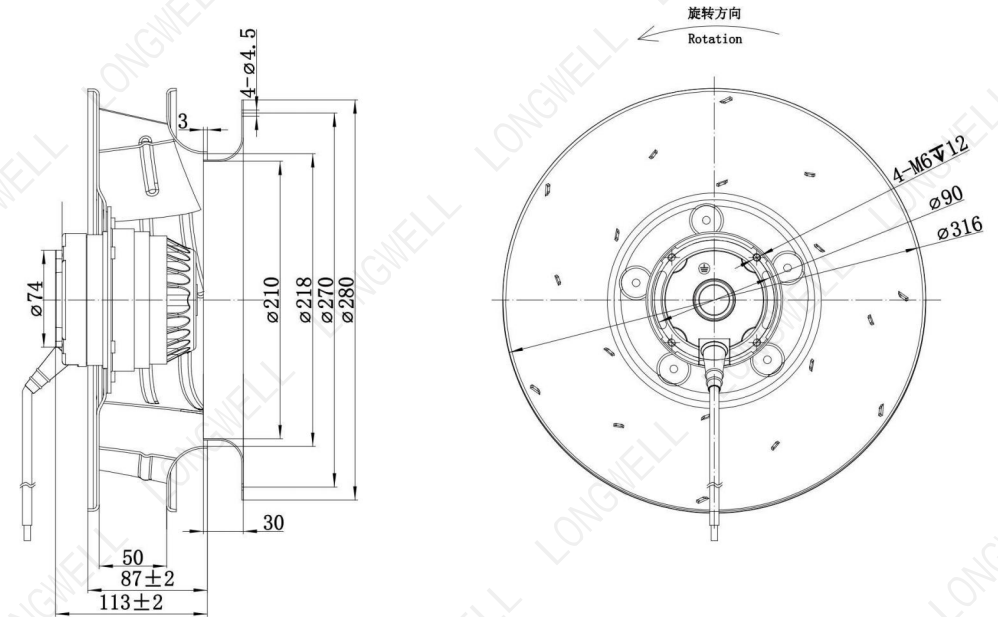


Technical Specifications

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



Product Drawing (mm)



LWBA-315 Series

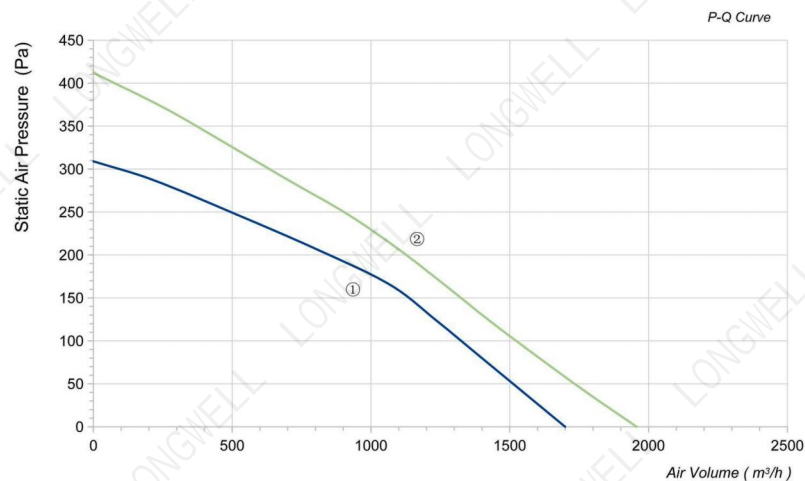
Product Characteristic

- Impeller material: Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

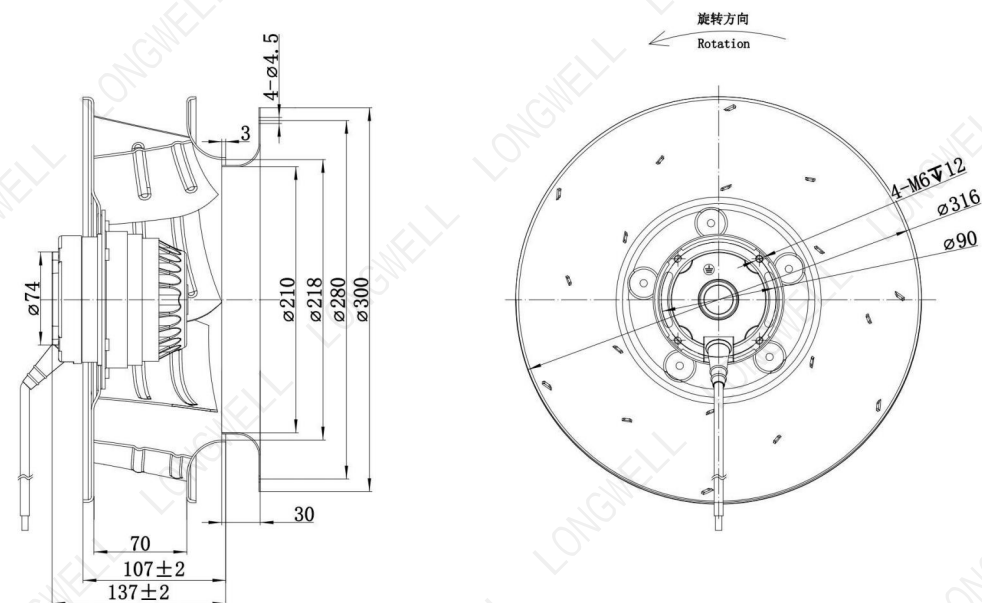


Technical Specifications

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



Product Drawing (mm)



LWBA-315 Series

Product Characteristic

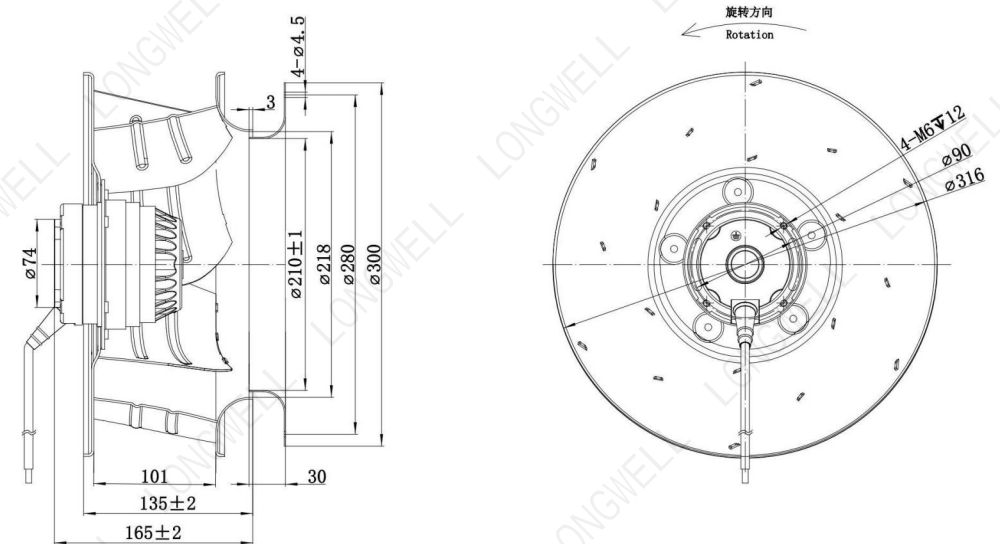
- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C



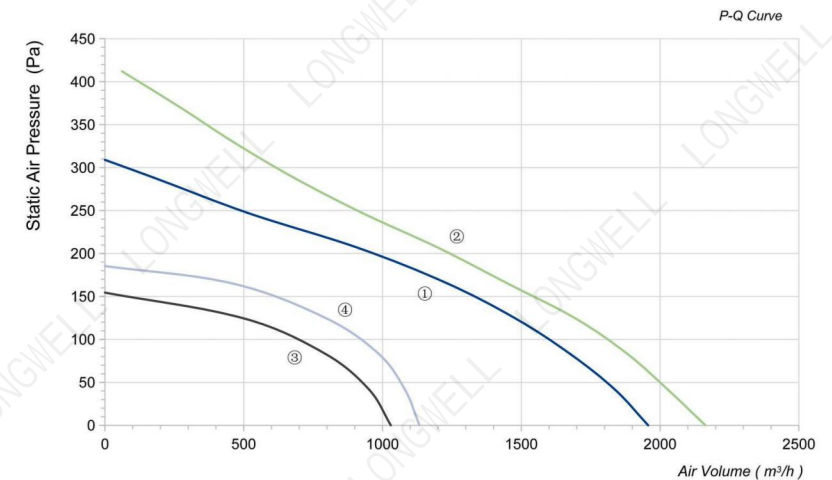
Technical Specifications

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

Product Drawing (mm)



Flow Rate Curve



LWBA-315 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

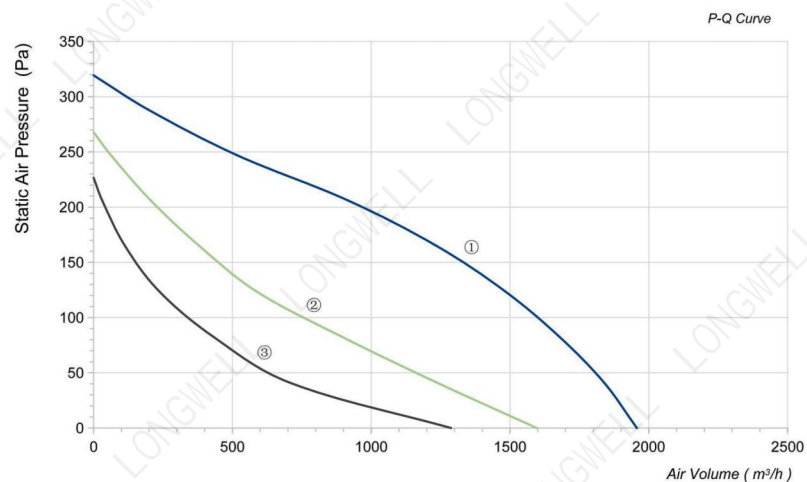
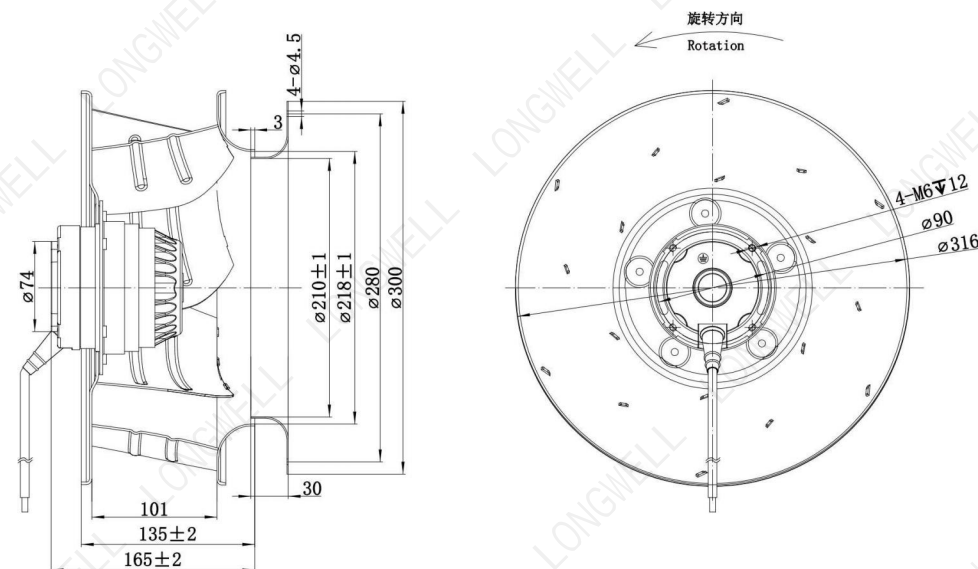


Technical Specifications

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



Product Drawing (mm)



LWBA-315 Series

Product Characteristic

- Impeller material: Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

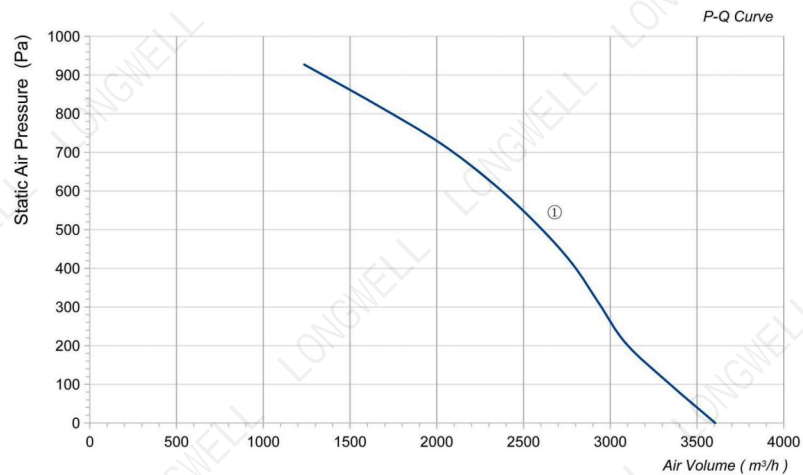
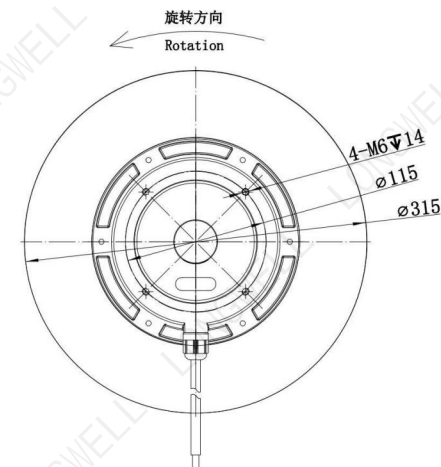
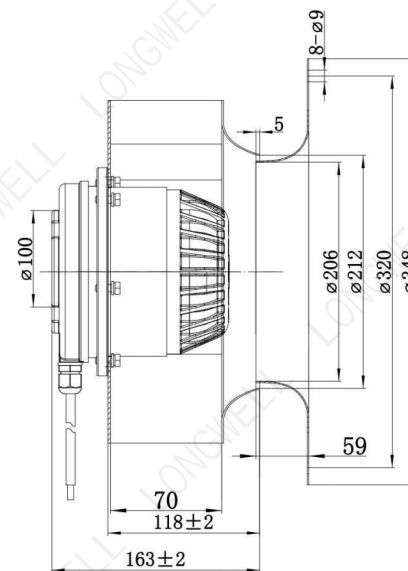


Technical Specifications

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



Product Drawing (mm)



LWBA-315 Series

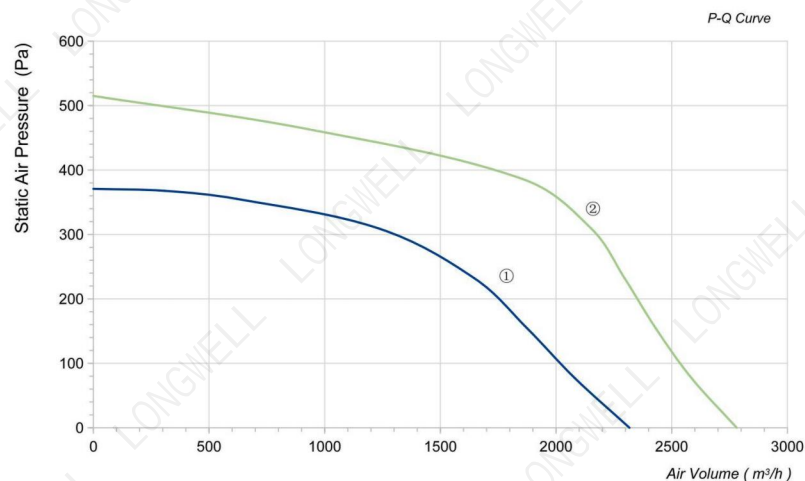
Product Characteristic

- Impeller material: Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

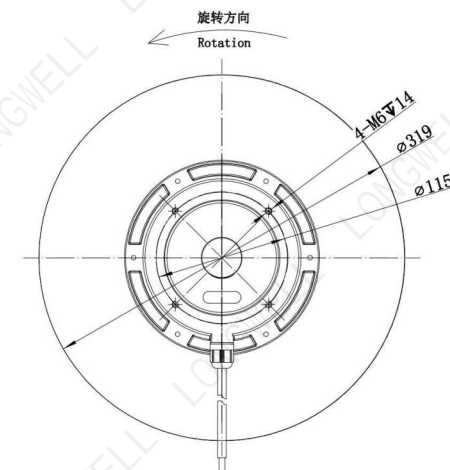
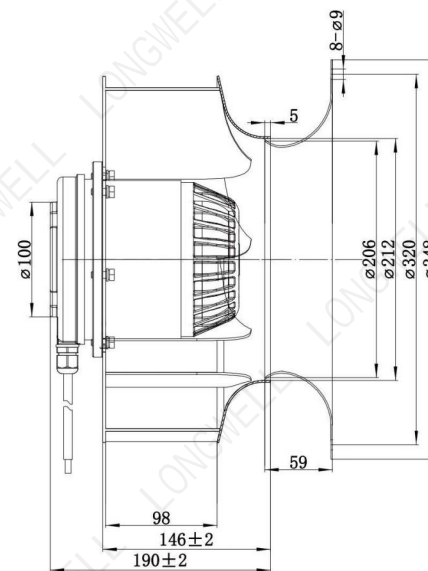


Technical Specifications

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



Product Drawing (mm)



LWBA-315 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

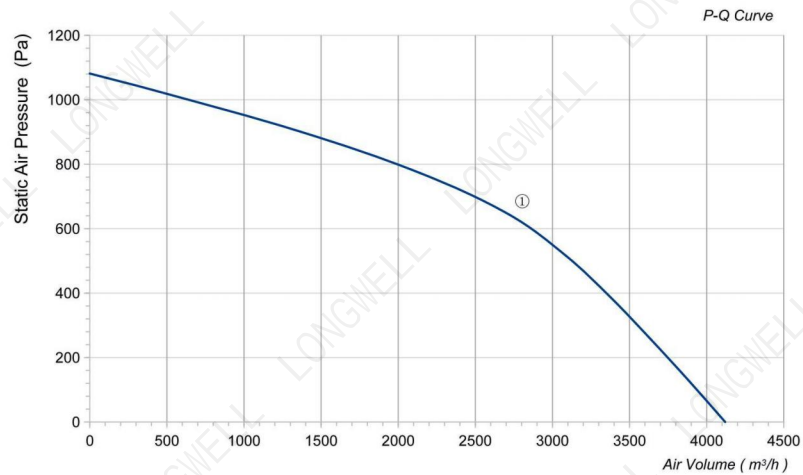
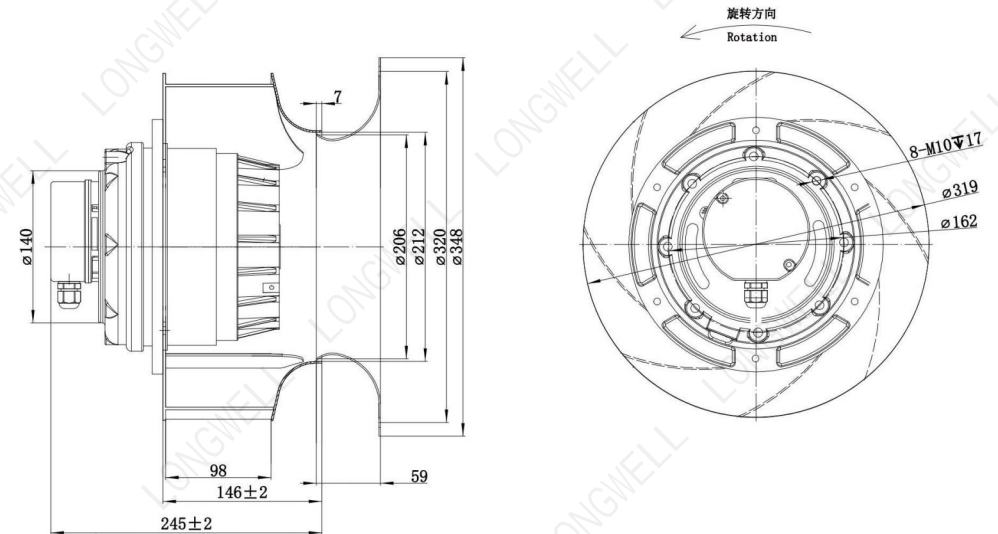


Technical Specifications

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



Product Drawing (mm)



LWBA-315 Series

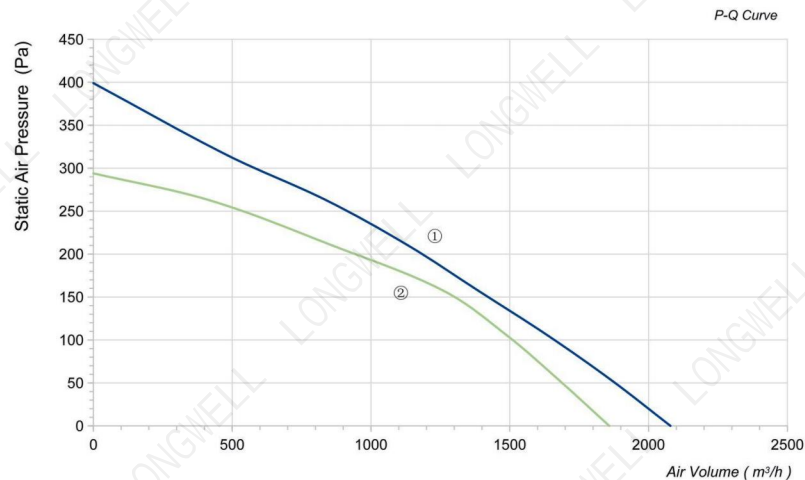
Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

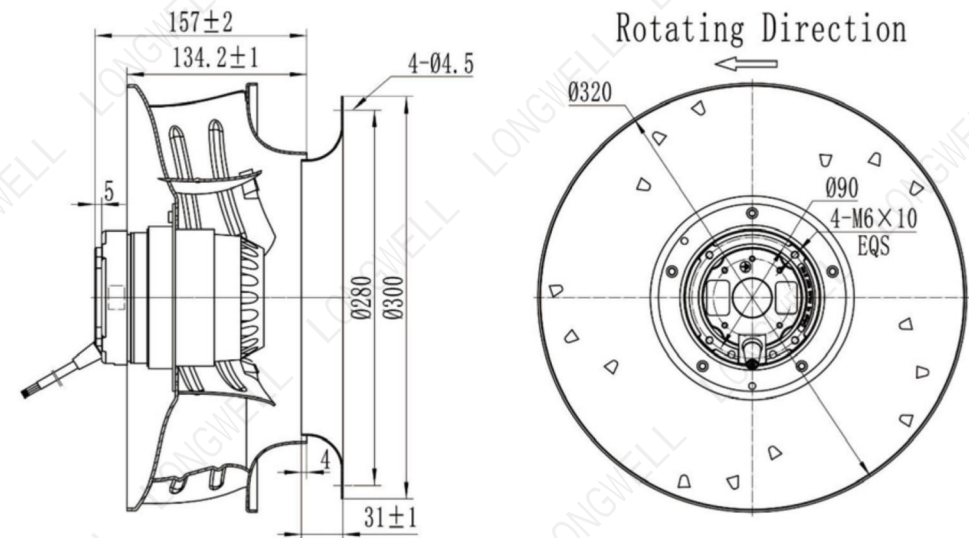


Technical Specifications

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



Product Drawing (mm)



LWBA-355 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65℃

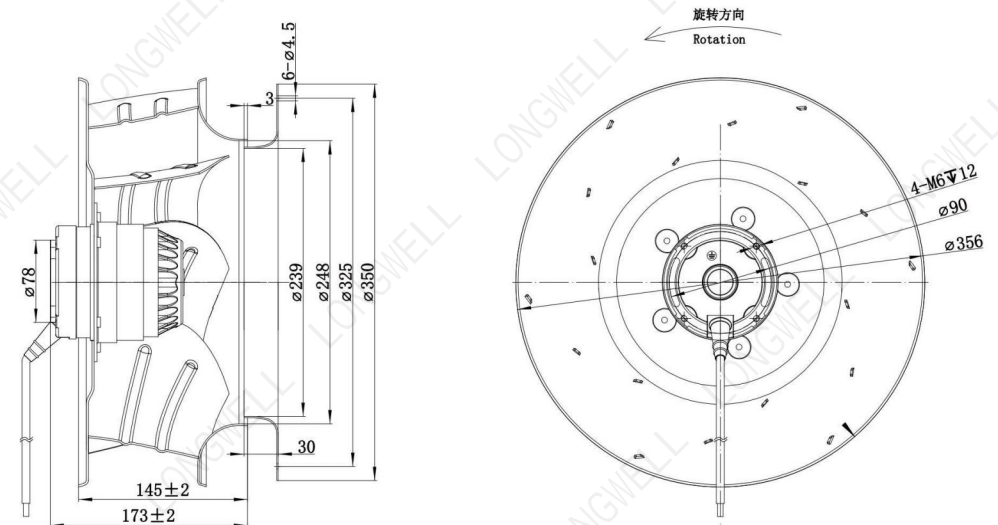


Technical Specifications

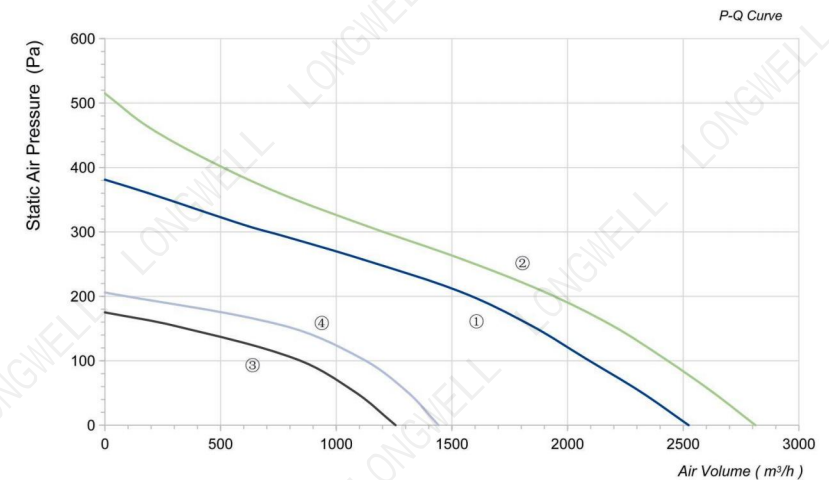
Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWBA4E355-102NS-01	230	50	165	0.75	1400	2524	381	63	6uF	①
LWBA4E355-102NS-02	230	60	245	1.2	1460	2812	515	65	6uF	②
LWBA6E355-102NS-03	230	50	100	0.46	930	1257	175	60	4uF	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



Product Drawing (mm)



Flow Rate Curve



LWBA-355 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65℃

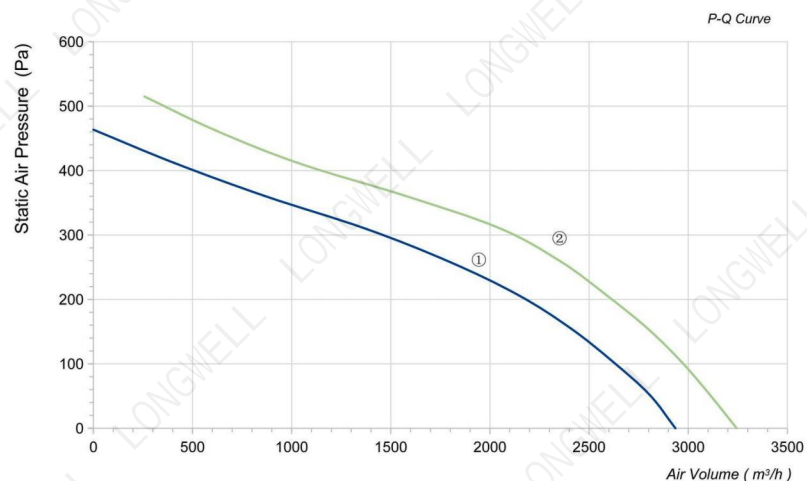
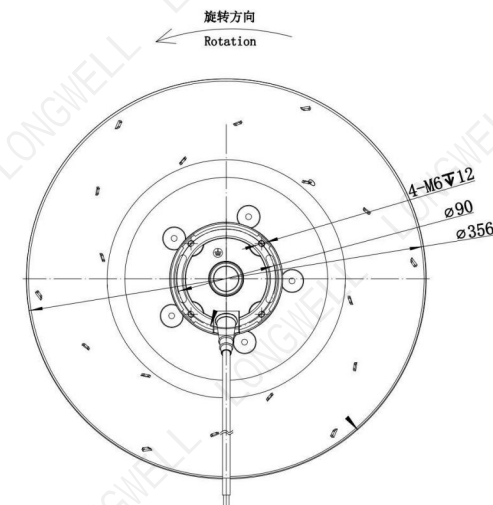
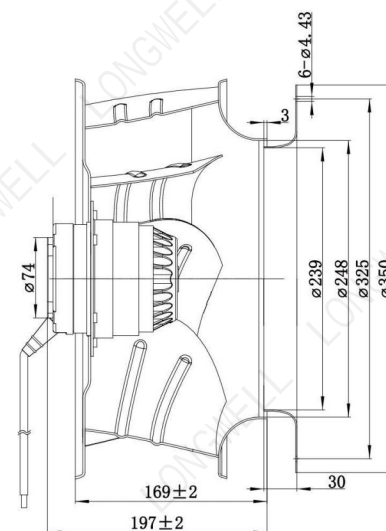


Technical Specifications

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



Product Drawing (mm)



LWBA-355 Series

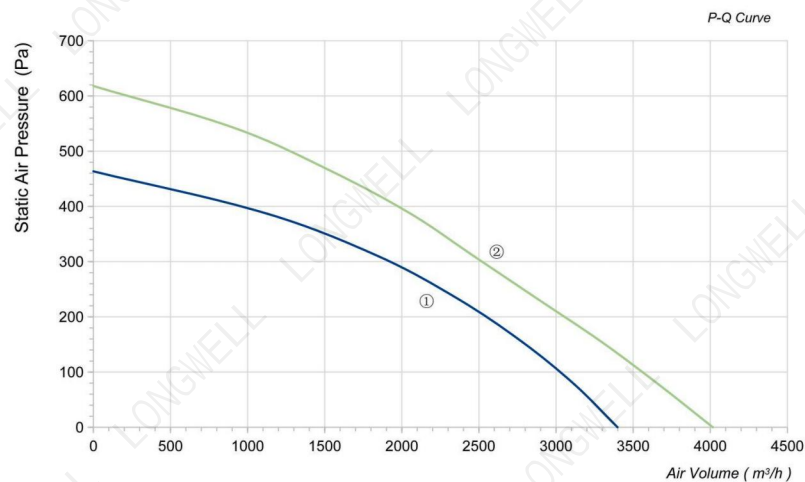
Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

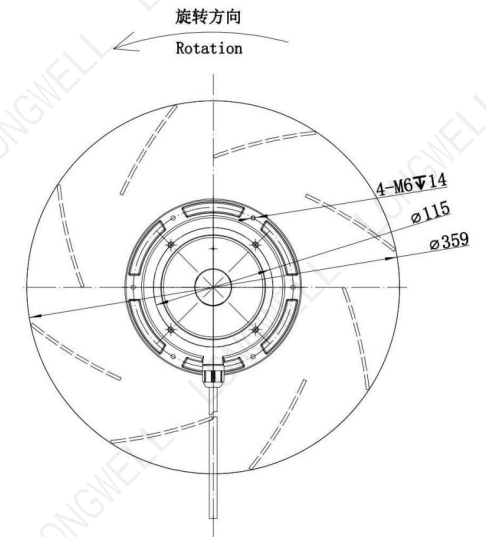
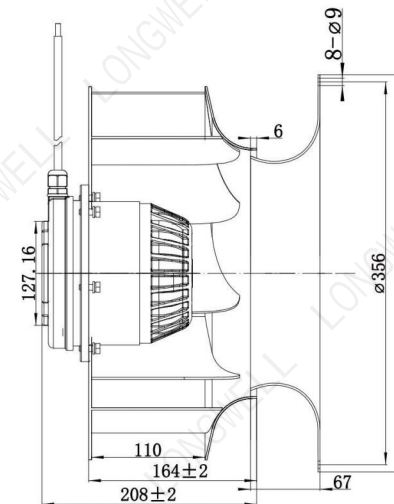


Technical Specifications

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



Product Drawing (mm)



LWBA-355 Series

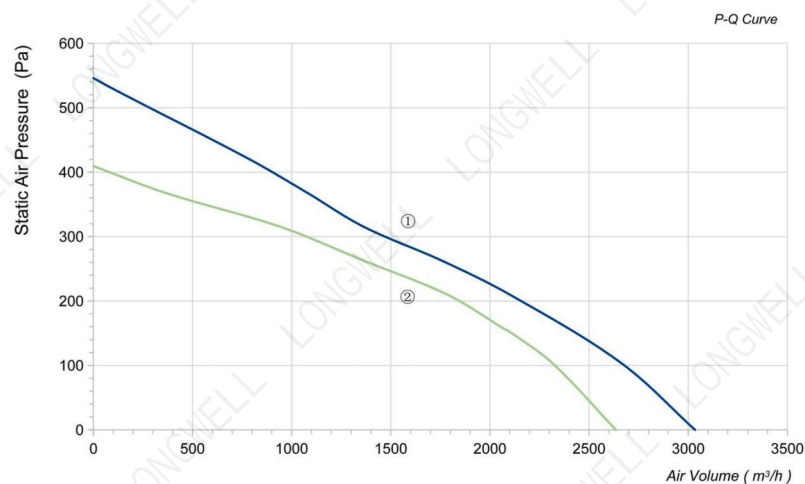
Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

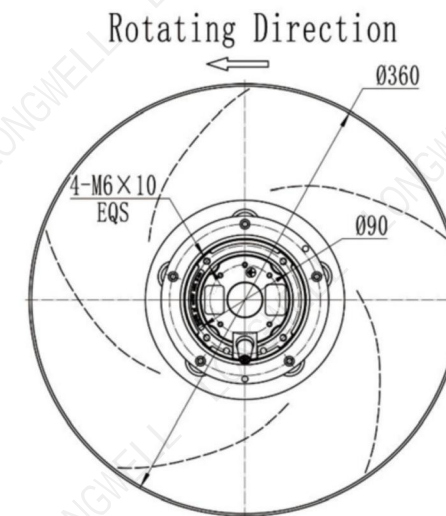
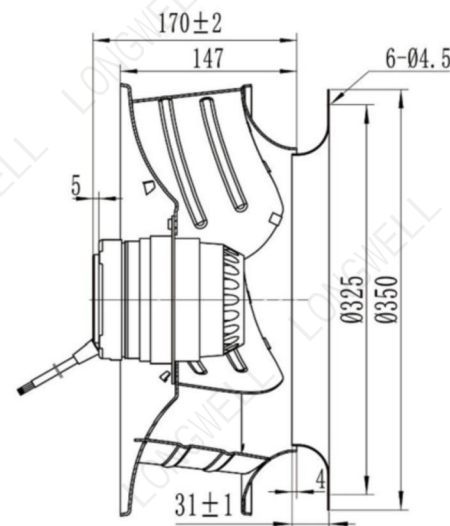


Technical Specifications

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



Product Drawing (mm)



LWBA-355 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

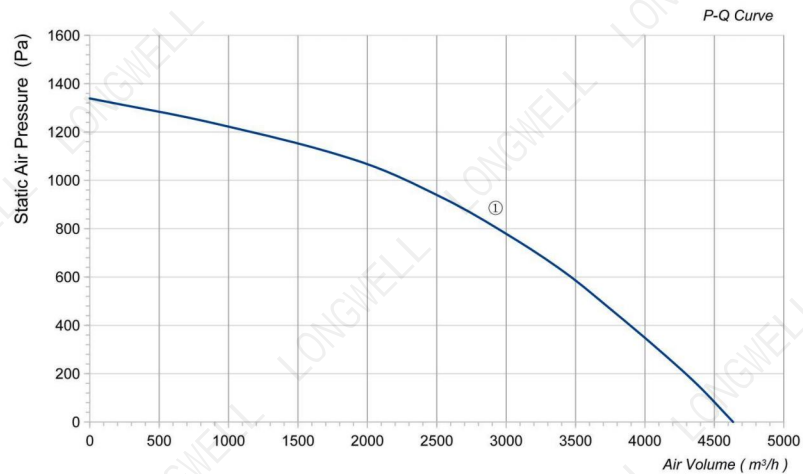
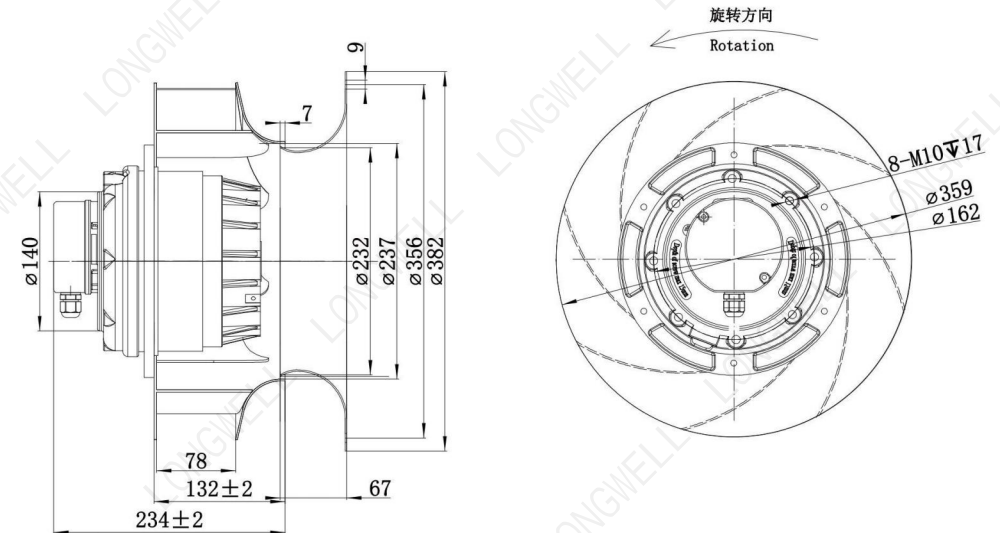


Technical Specifications

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



Product Drawing (mm)



LWBA-355 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

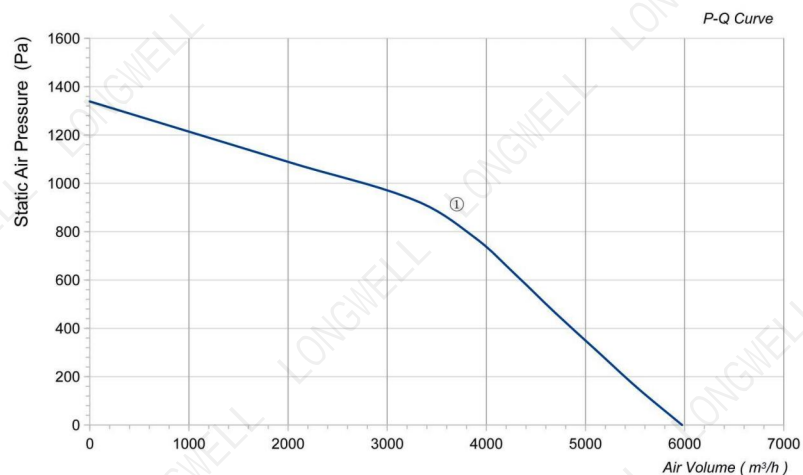
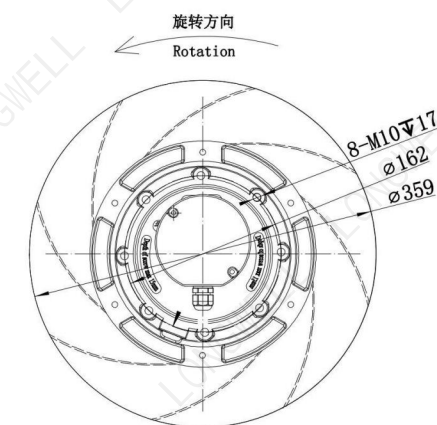
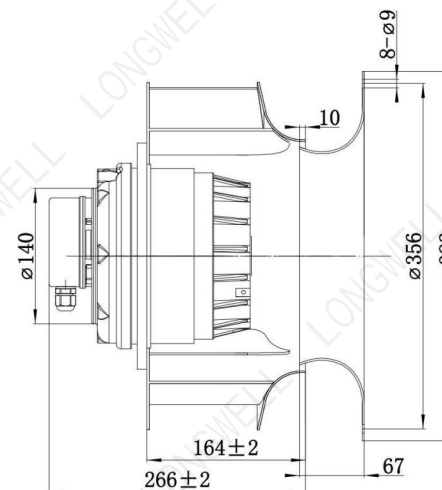


Technical Specifications

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



Product Drawing (mm)



LWBA-400 Series

Product Characteristic

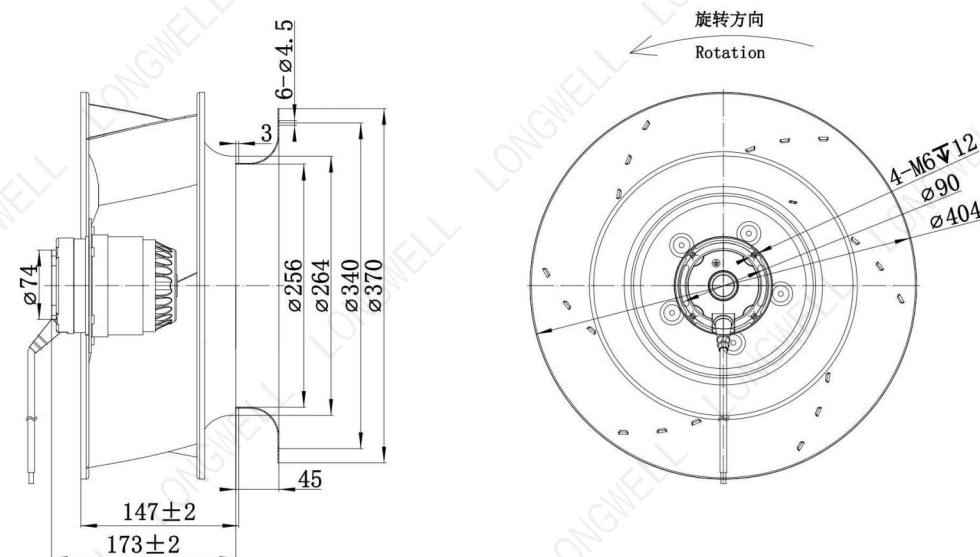
- Impeller material: Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65℃



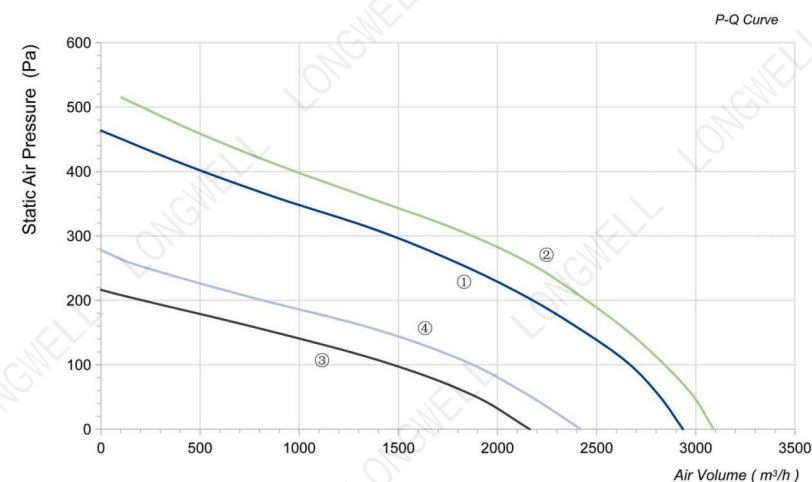
Technical Specifications

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

Product Drawing (mm)



Flow Rate Curve



LWBA-400 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

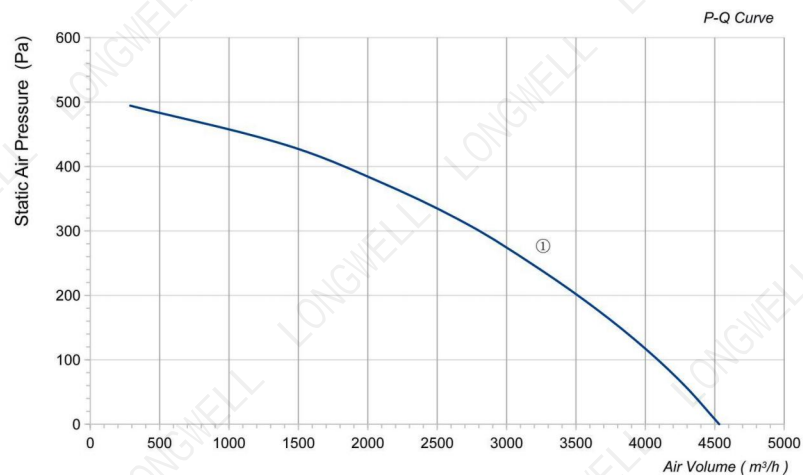
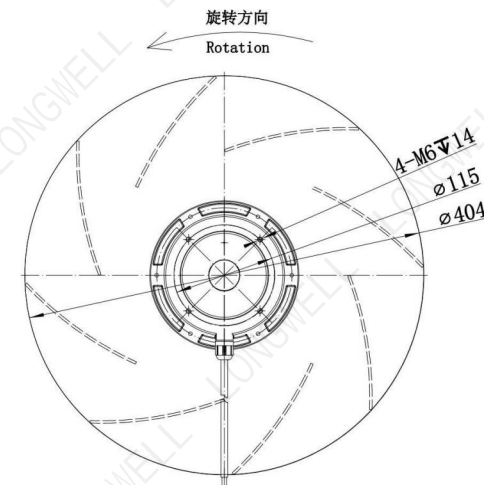
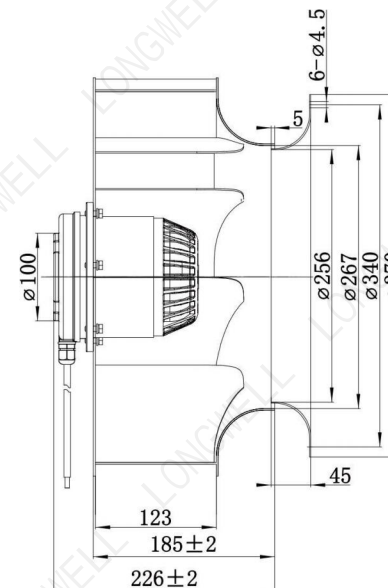


Technical Specifications

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



Product Drawing (mm)



LWBA-400 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

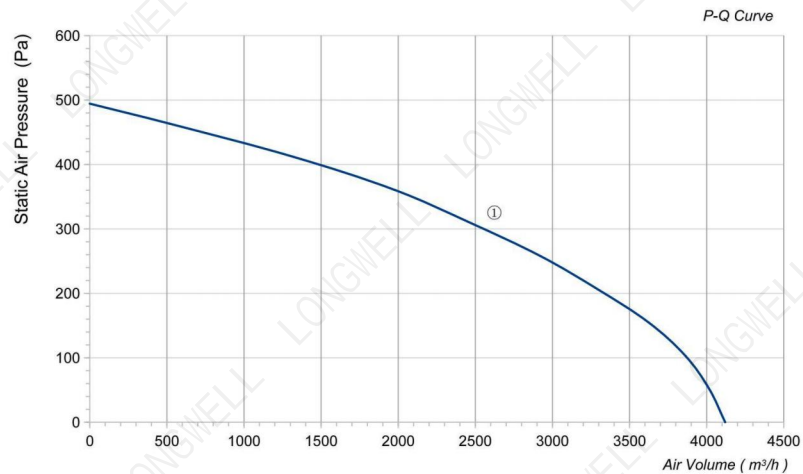
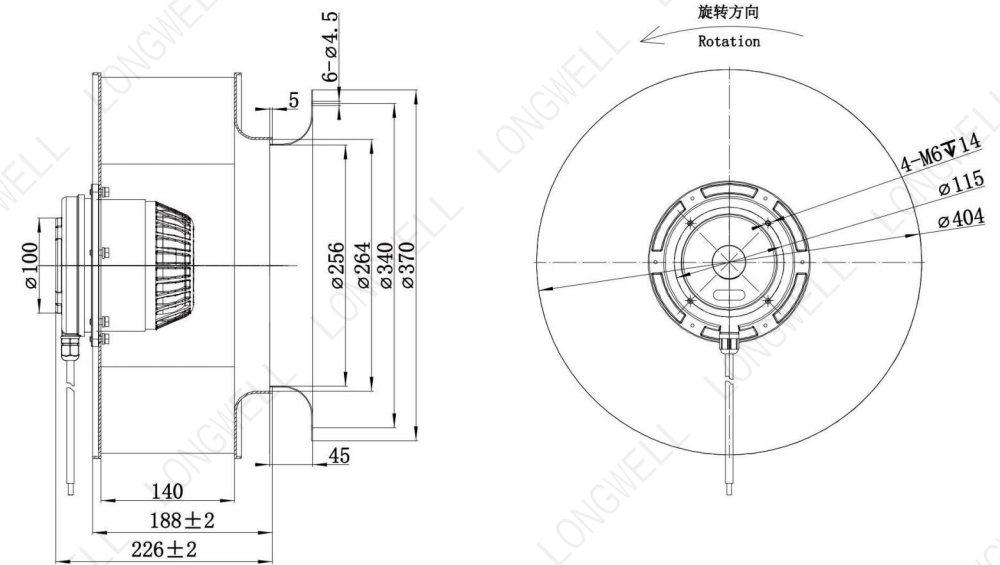


Technical Specifications

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



Product Drawing (mm)



LWBA-400 Series

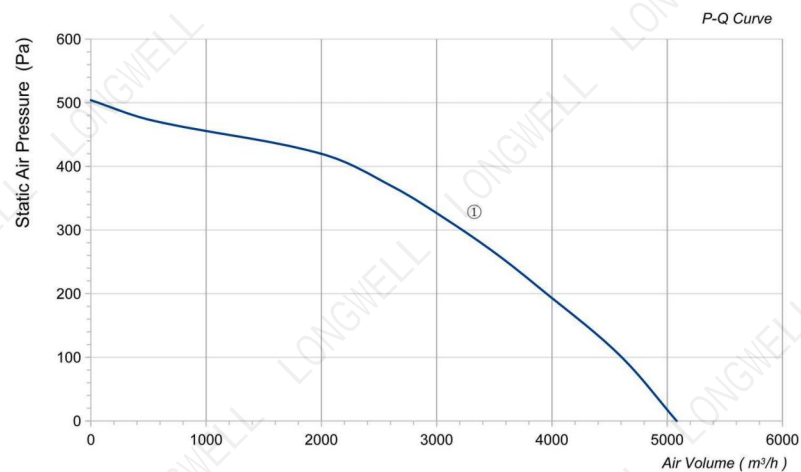
Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

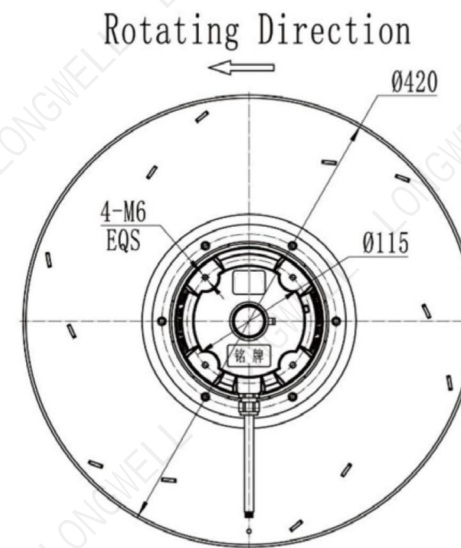
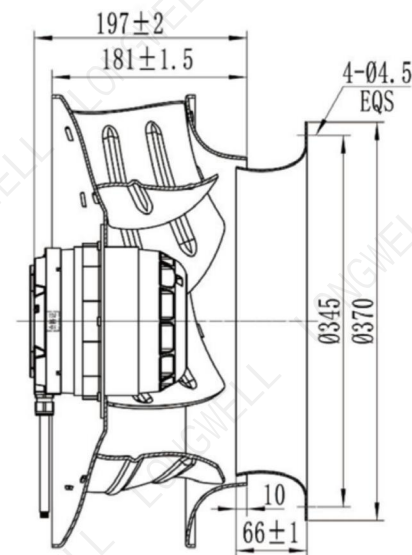


Technical Specifications

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



Product Drawing (mm)



LWBA-450 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65℃

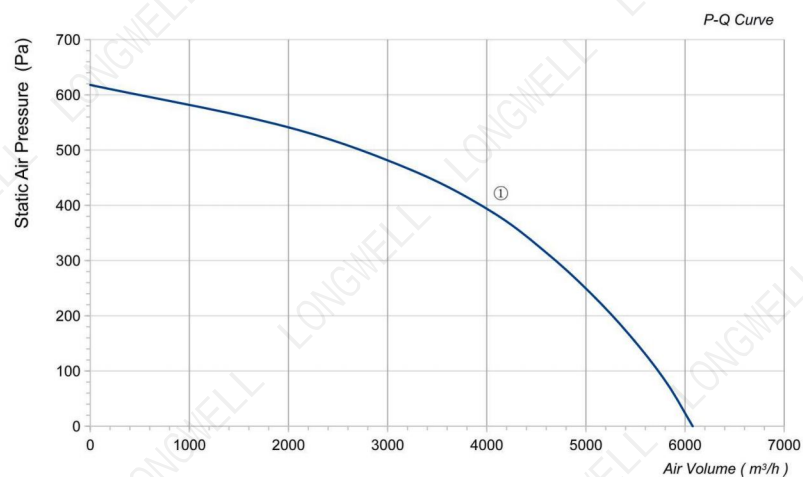
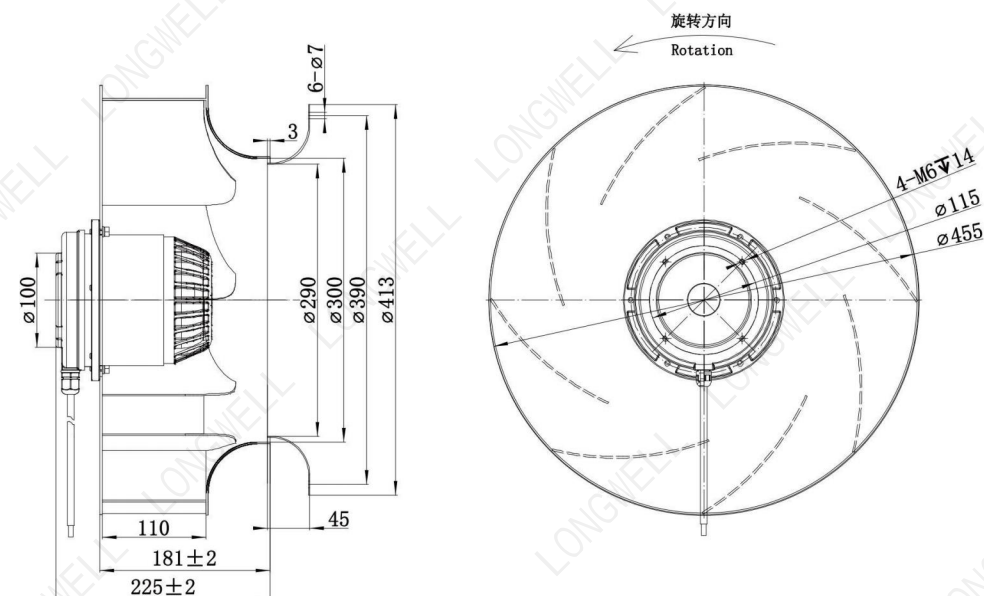


Technical Specifications

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



Product Drawing (mm)



LWBA-450 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

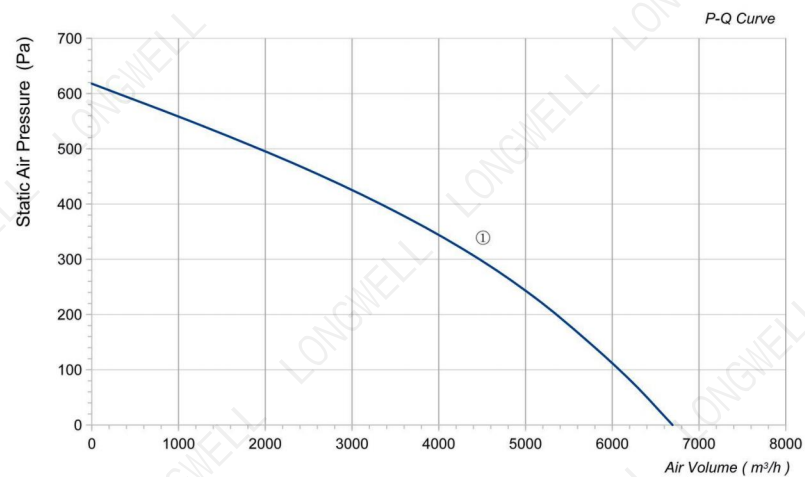
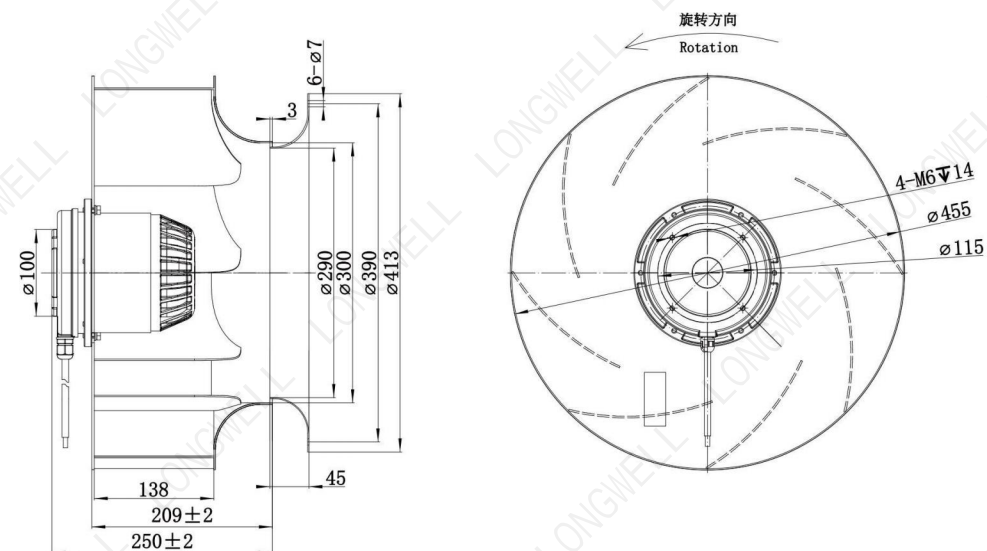


Technical Specifications

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



Product Drawing (mm)



LWBA-450 Series

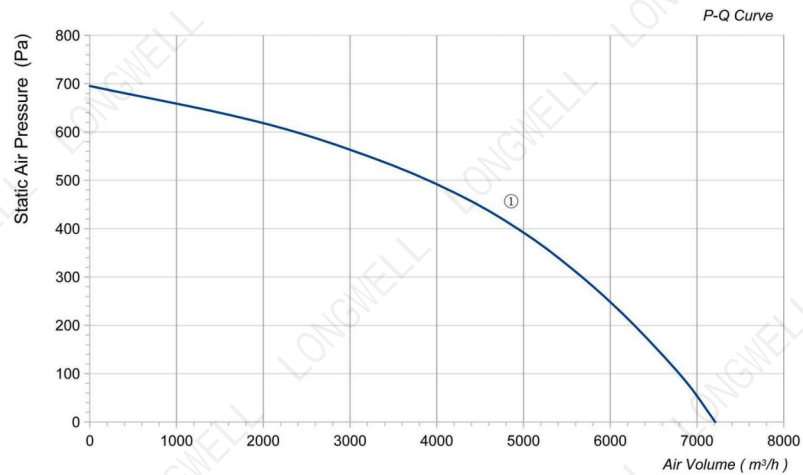
Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

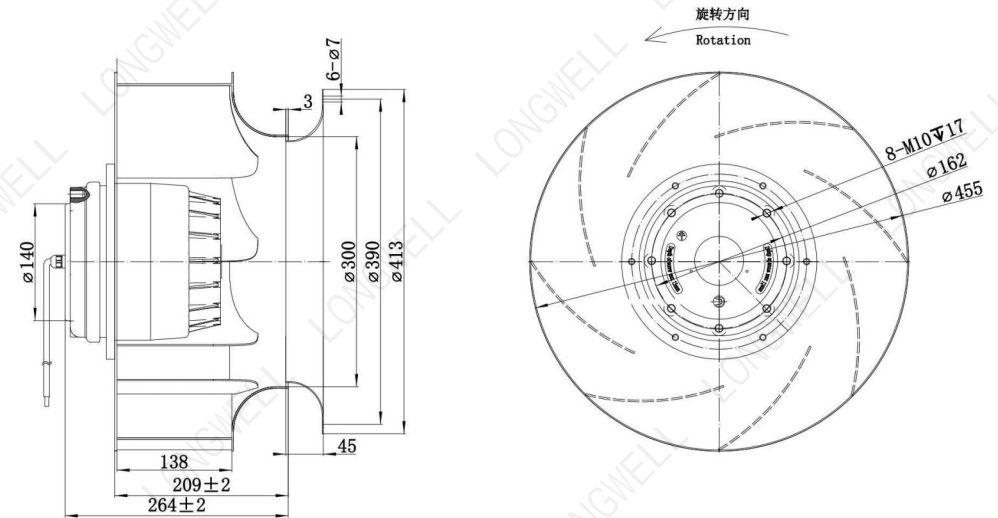


Technical Specifications

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



Product Drawing (mm)



LWBA-450 Series

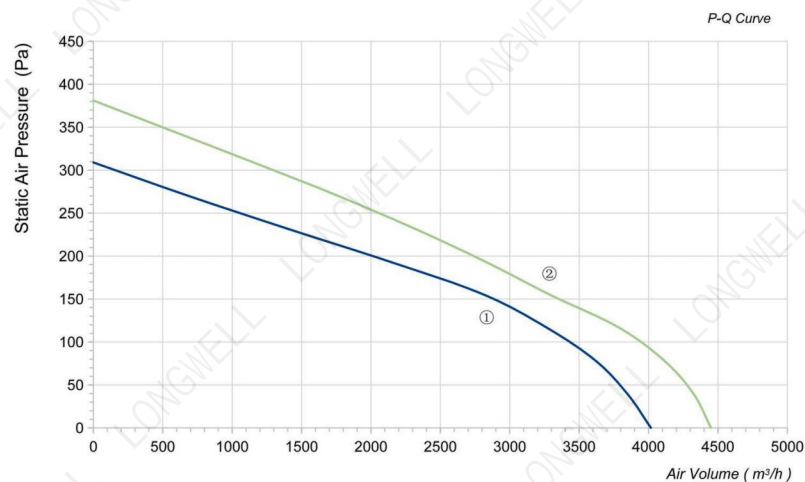
Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

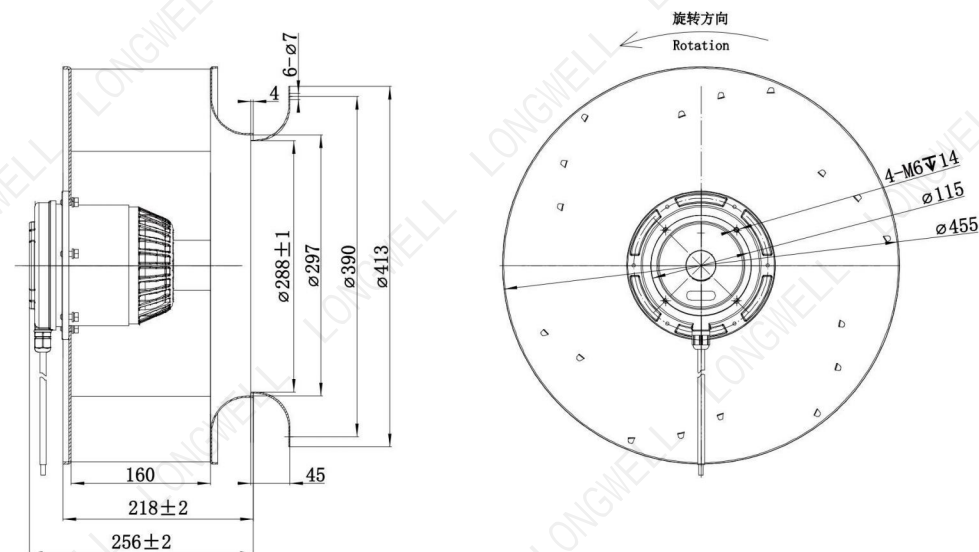


Technical Specifications

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



Product Drawing (mm)



LWBA-450 Series

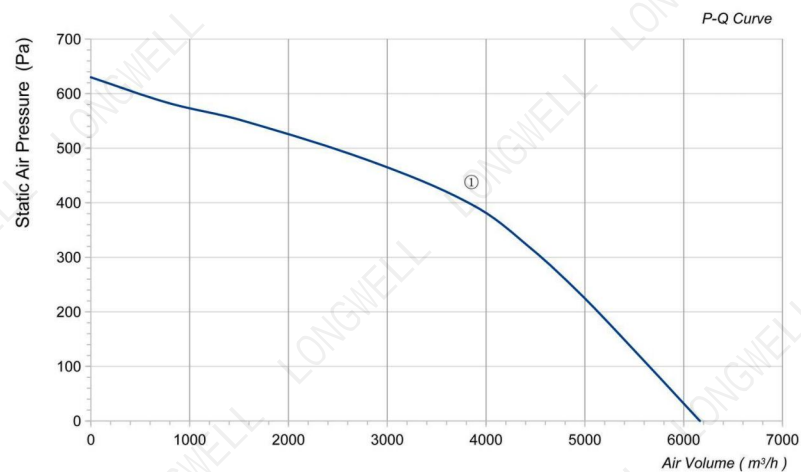
Product Characteristic

- Impeller material: Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

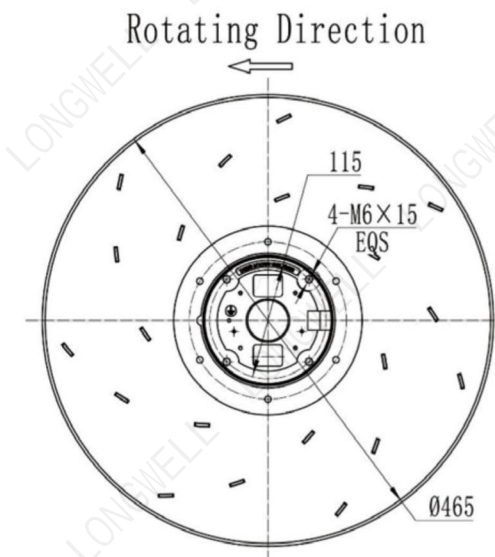
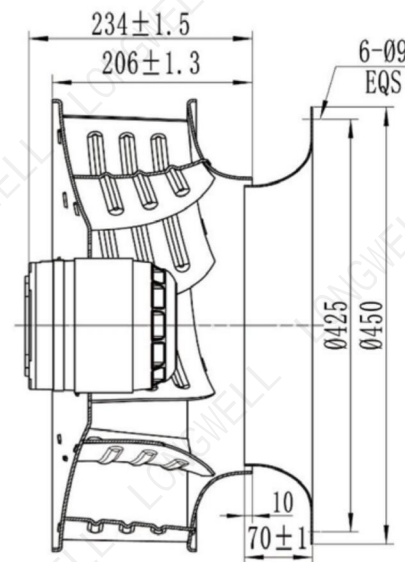


Technical Specifications

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	/	①



Product Drawing (mm)



LWBA-500 Series

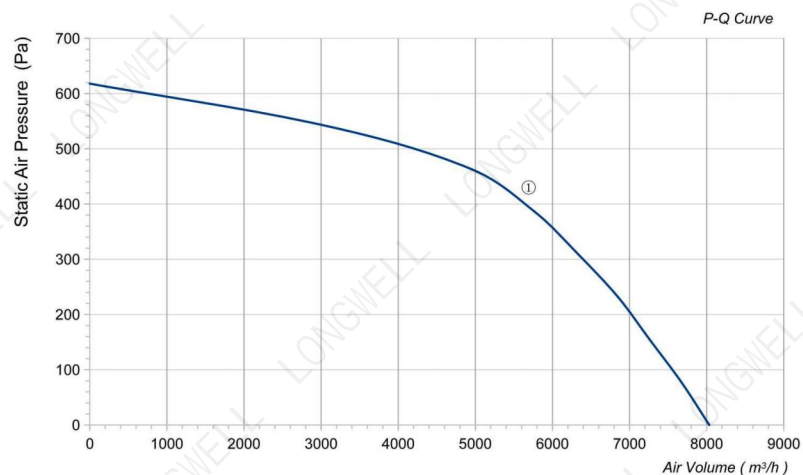
Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

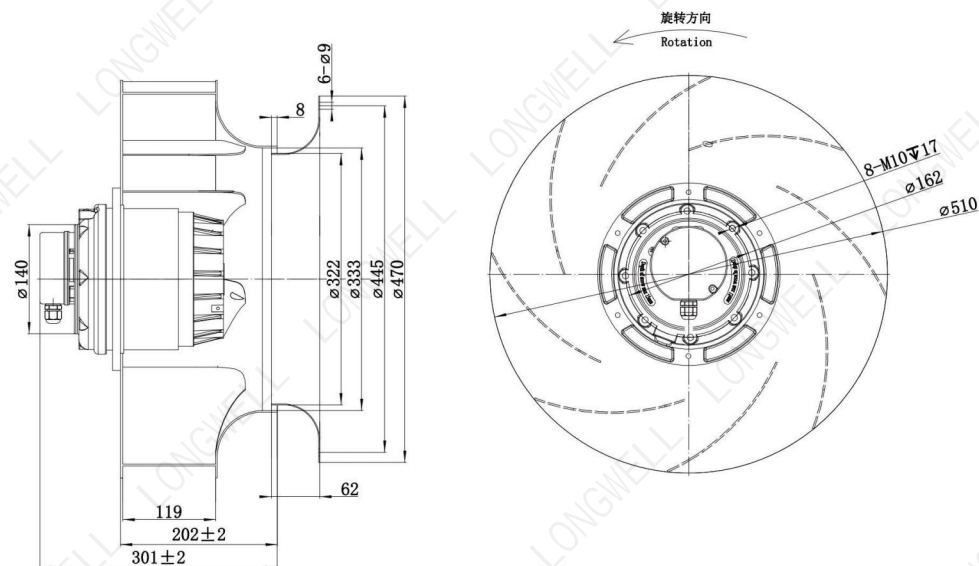


Technical Specifications

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



Product Drawing (mm)



LWBA-500 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

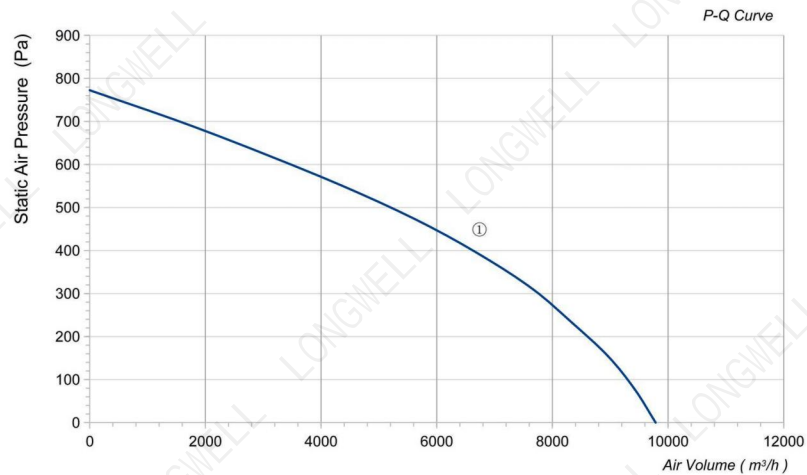
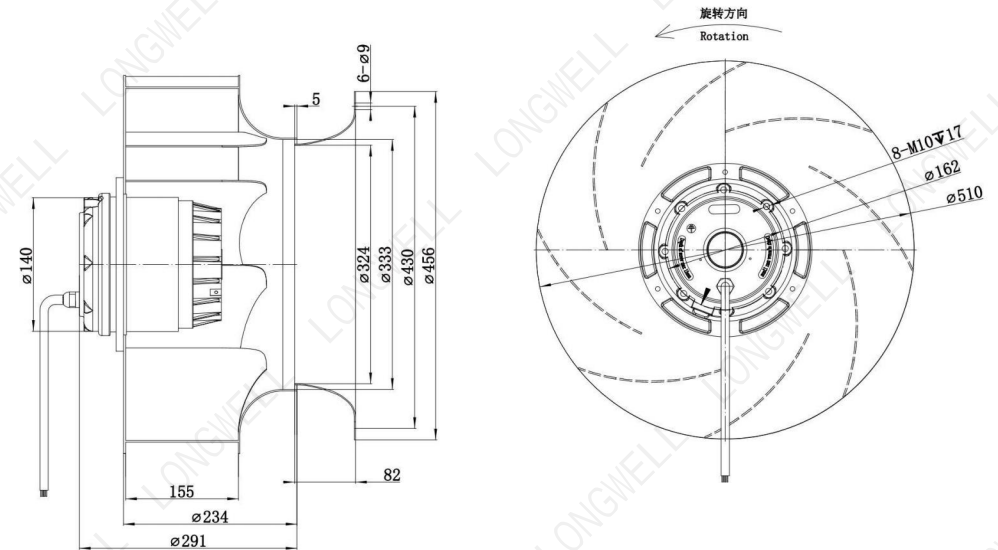


Technical Specifications

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



Product Drawing (mm)



LWBA-500 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

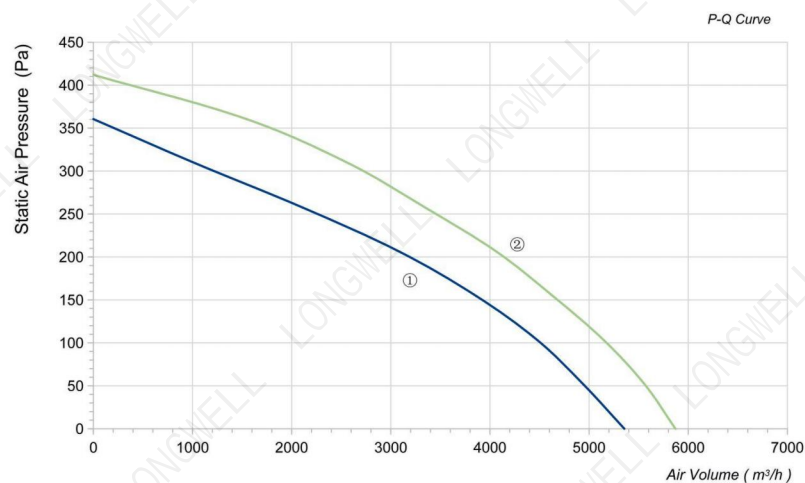
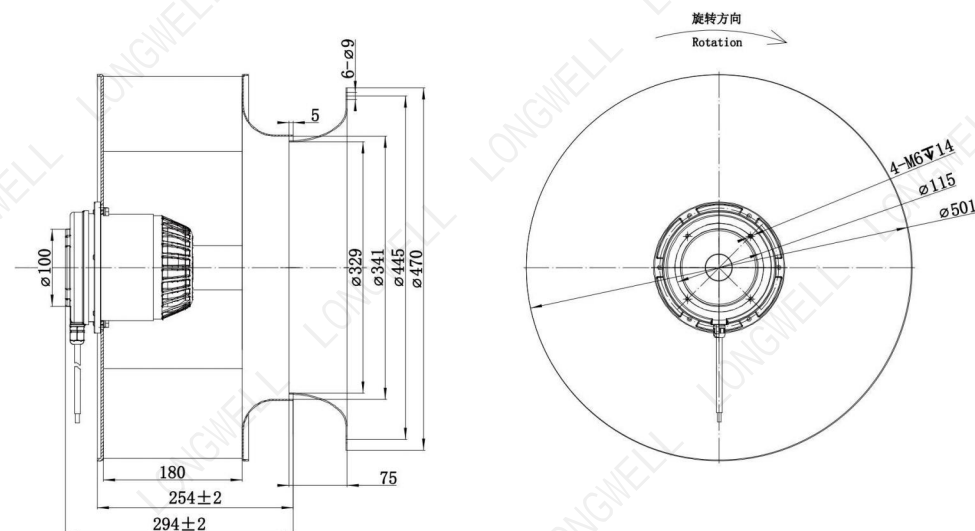


Technical Specifications

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



Product Drawing (mm)



LWBA-500 Series

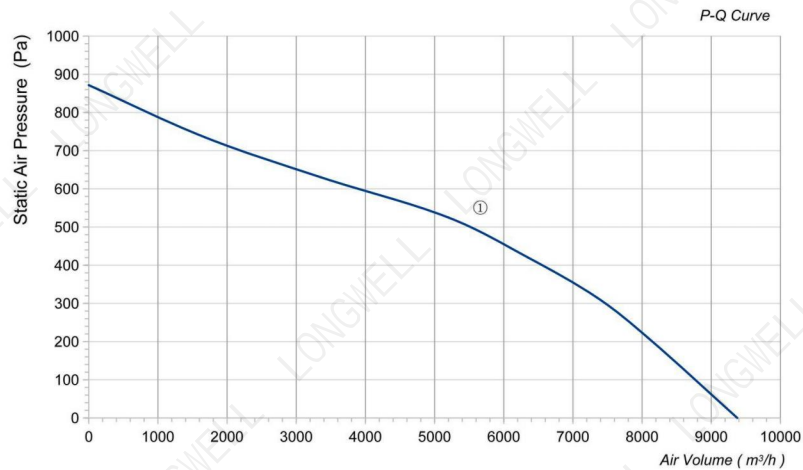
Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

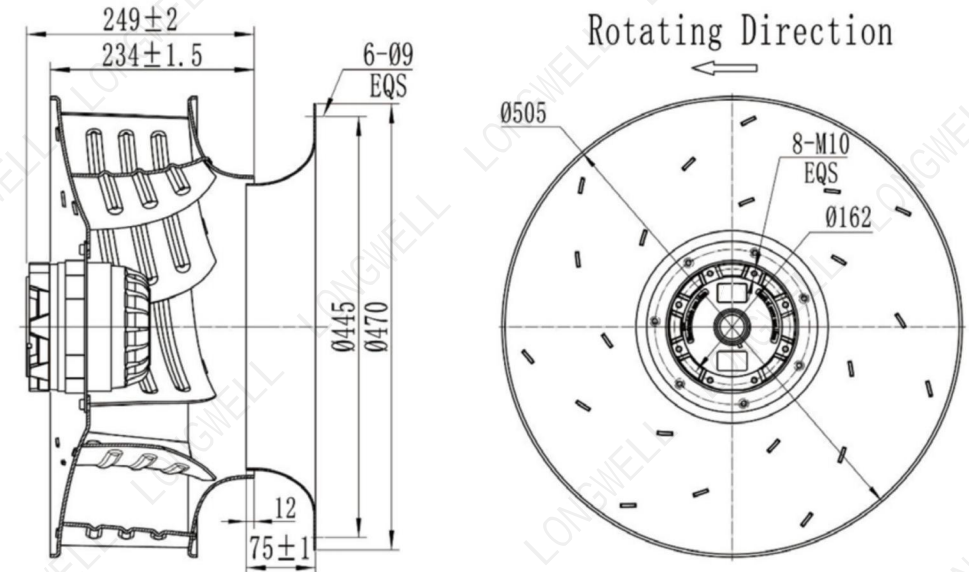


Technical Specifications

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



Product Drawing (mm)



LWBA-560 Series

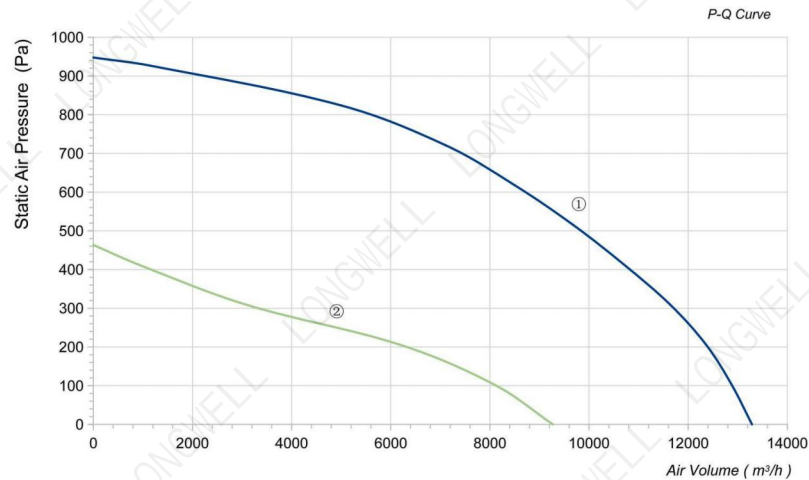
Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

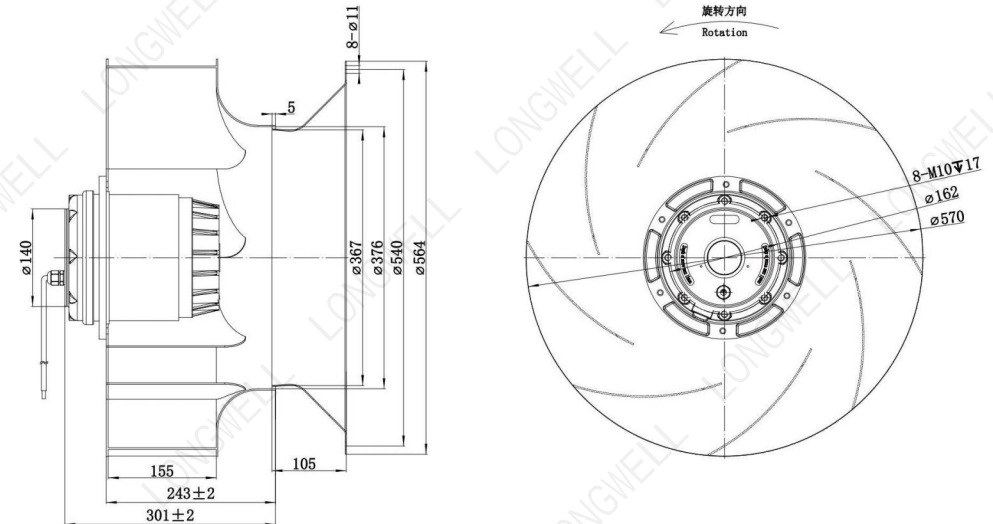


Technical Specifications

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



Product Drawing (mm)



LWBA-560 Series

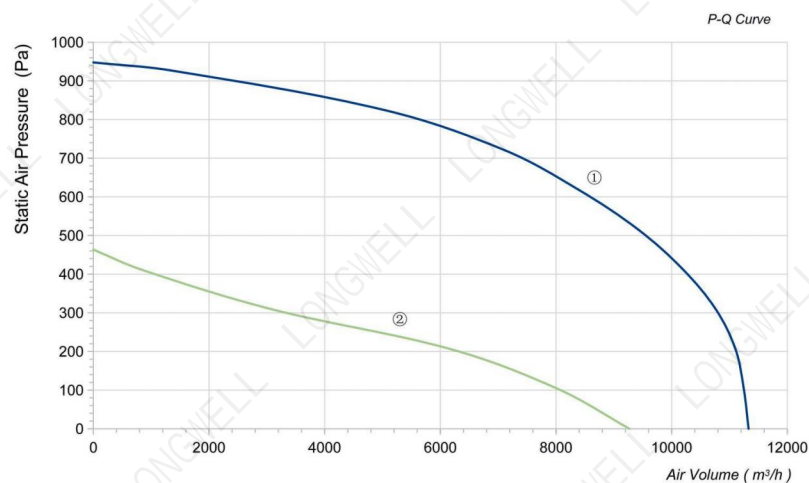
Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

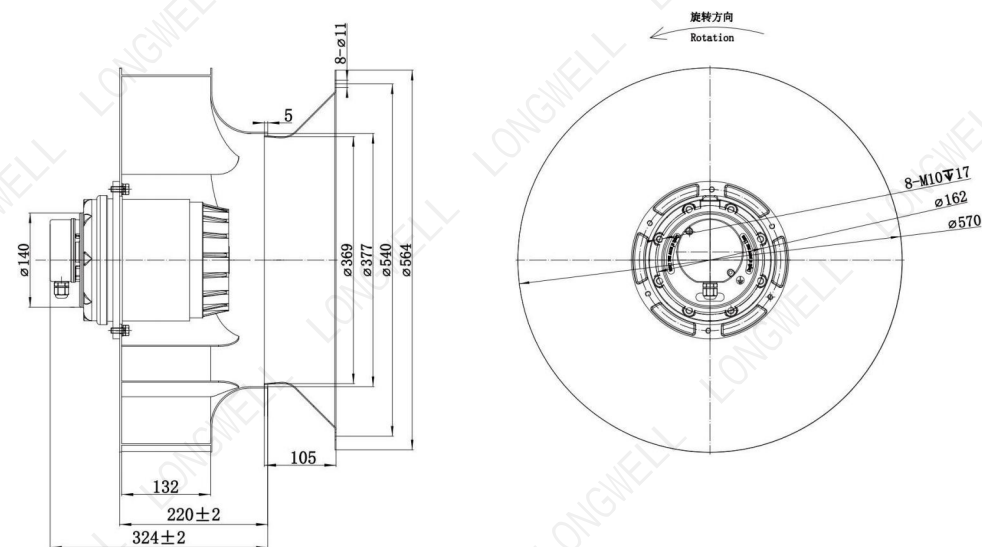


Technical Specifications

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



Product Drawing (mm)



LWBA-560 Series

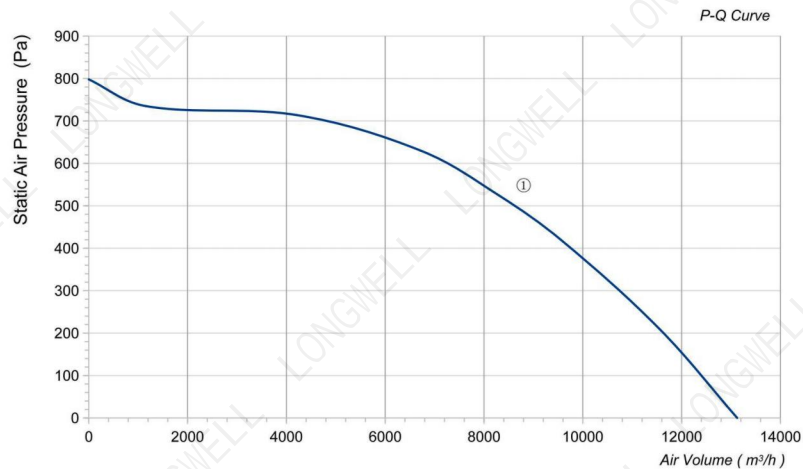
Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

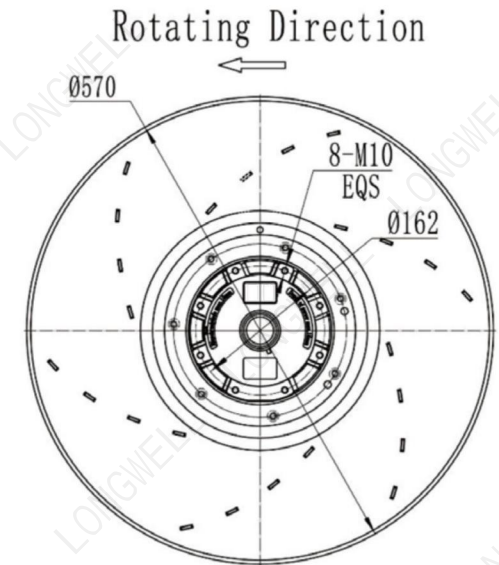
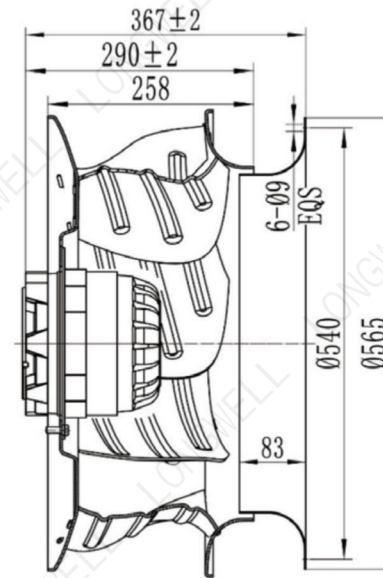


Technical Specifications

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



Product Drawing (mm)



LWBA-630 Series

Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C

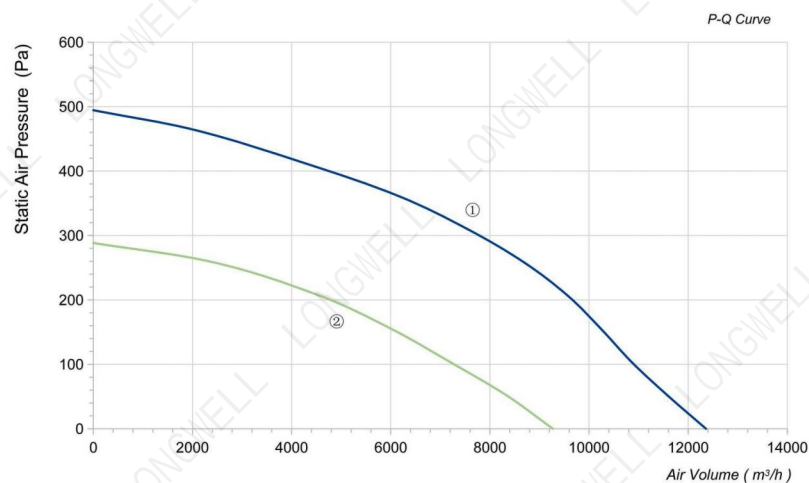
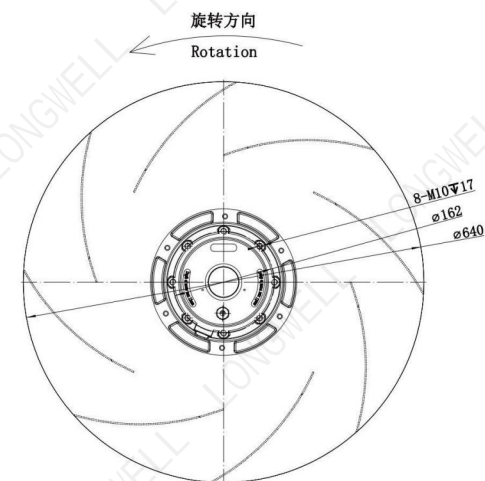
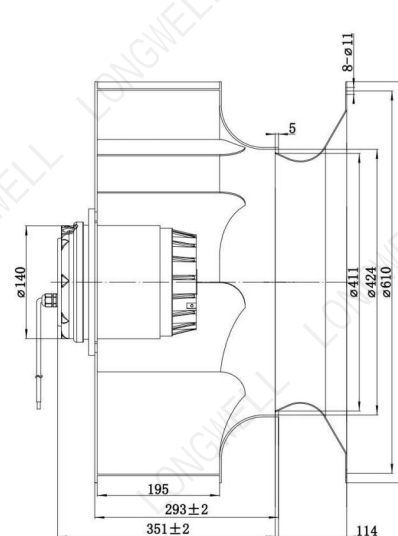


Technical Specifications

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



Product Drawing (mm)



LWBA-630 Series

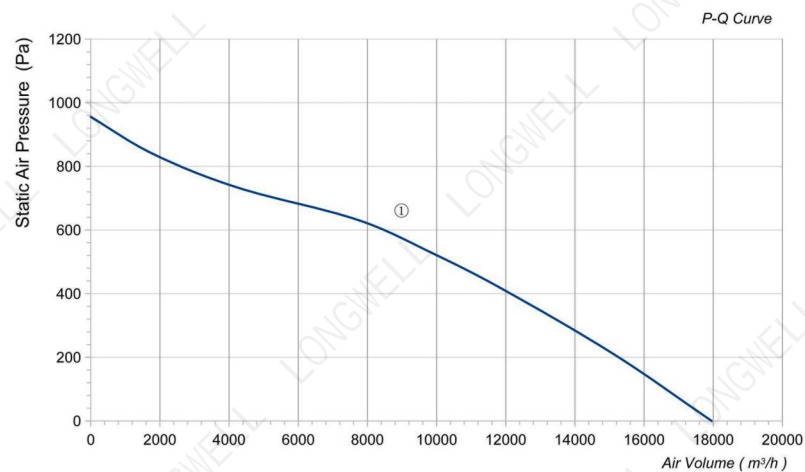
Product Characteristic

- Impeller material : Aluminum Alloy
- Direction of rotation: Clockwise, seen on rotor
- Mode of operation: S1
- Type of operation: IP54
- Insulation class: F
- Bearing: Maintenance-free ball bearings
- Operation Temperature: -40~+65 °C



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



Product Drawing (mm)

