Type Code

LW F A 2E 108 - 072 N S - 01

- 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

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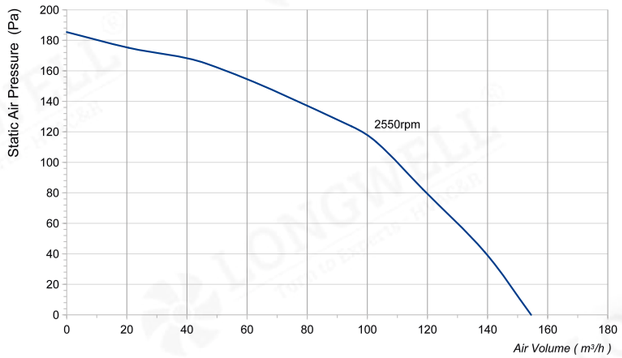
AC Forward Centrifugal Fan

Professional HVAC Fan &Motors Manufacturer



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LWFA-108 Serise





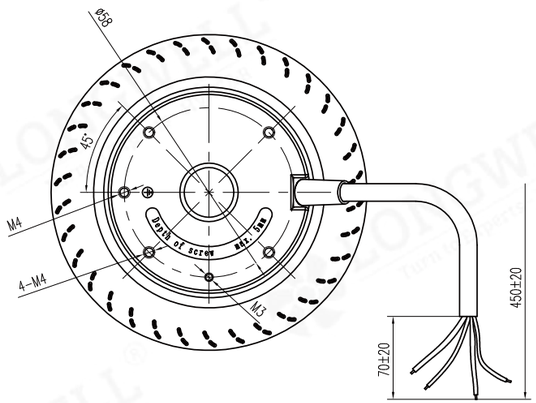
Product Characteristic

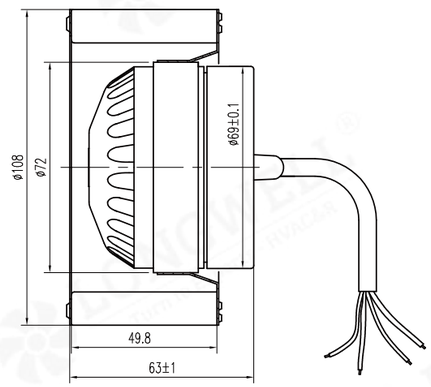
- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: B
- Operation Temperature: -30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

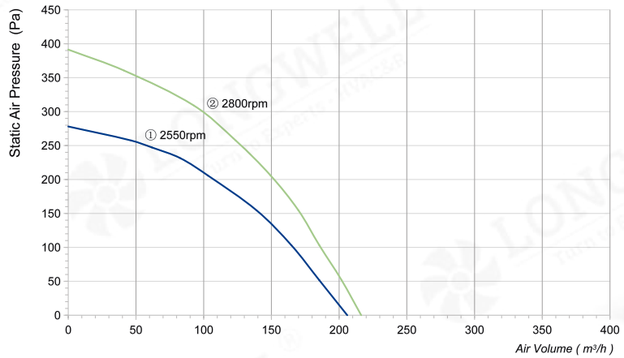
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E108-072NS-01	230	50	30	/	2550	155	185	53	1uF	/





LWFA-120 Serise





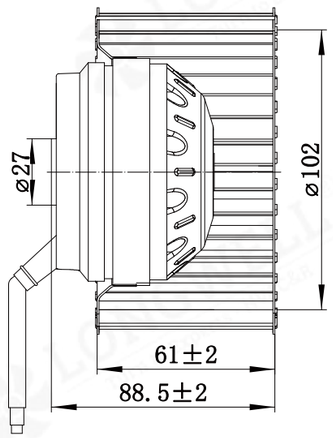
Product Characteristic

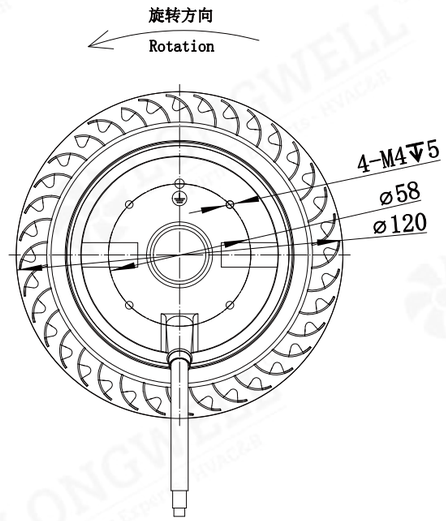
- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

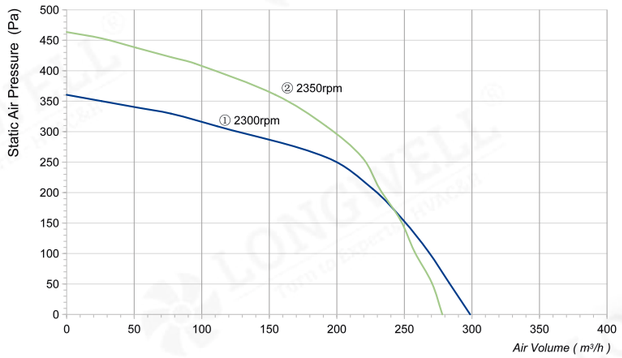
Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E120-092NS-01	230	50	50	0.25	2550	206	278	51	1.5uF	①
LWFA2E120-092NS-02	230	60	63	0.3	2800	216	391	53	1.5uF	②





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LWFA-133 Serise





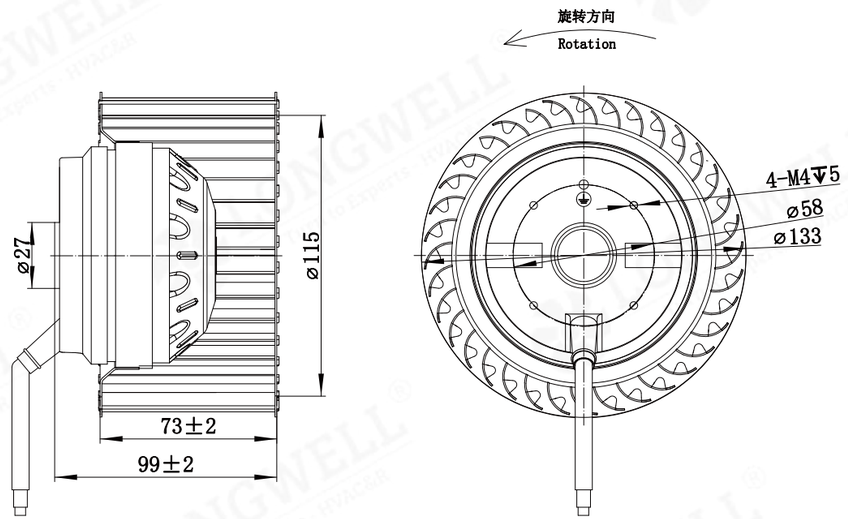
Product Characteristic

- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

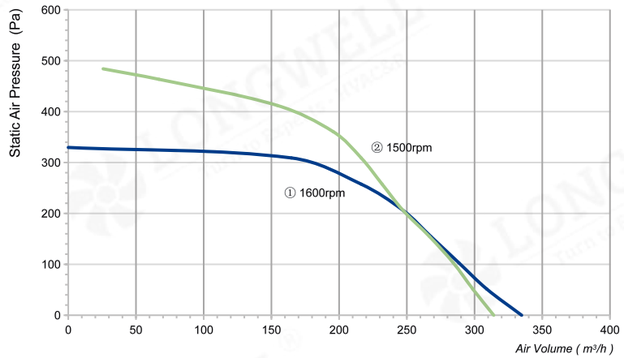
CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E133-092NS-01	230	50	83	0.32	2300	299	361	61	2uF	①
LWFA2E133-092NS-02	230	60	95	0.4	2350	278	464	63	2uF	②



LWFA-140 Serise





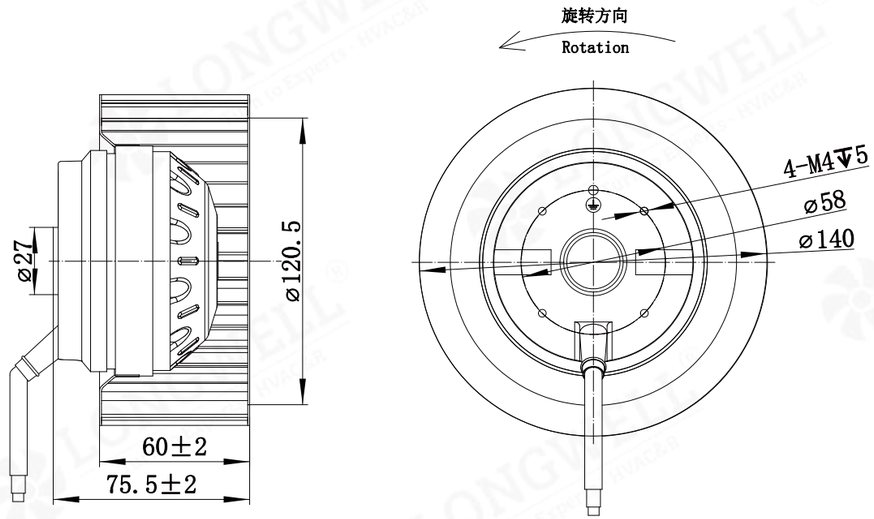
Product Characteristic

- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

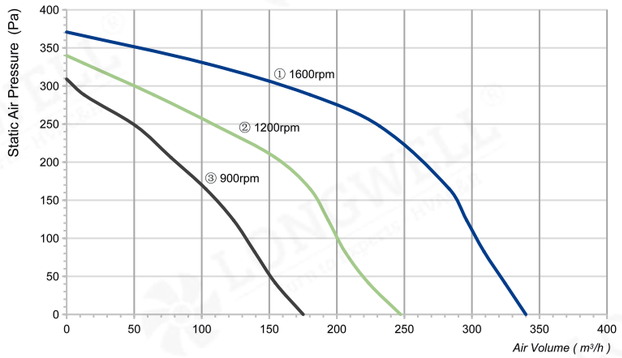
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E140-092NS-01	230	50	100	0.42	1600	335	330	52	2uF	①
LWFA2E140-092NS-02	230	60	110	0.47	1500	314	484	58	2uF	②



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LWFA-140 Serise





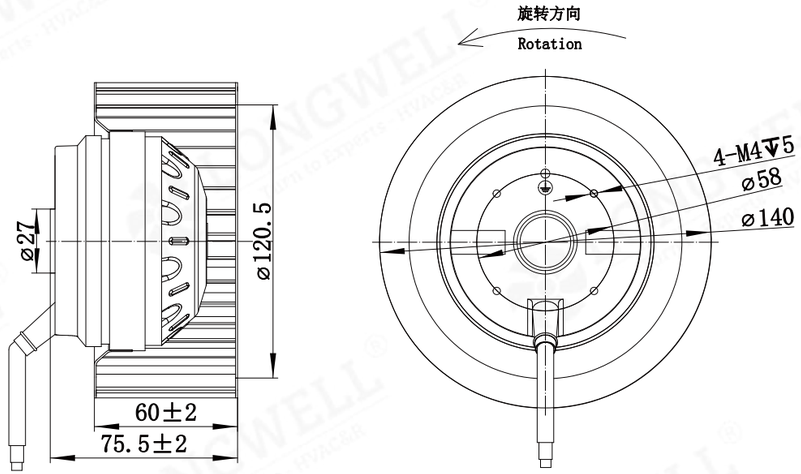
Product Characteristic

- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

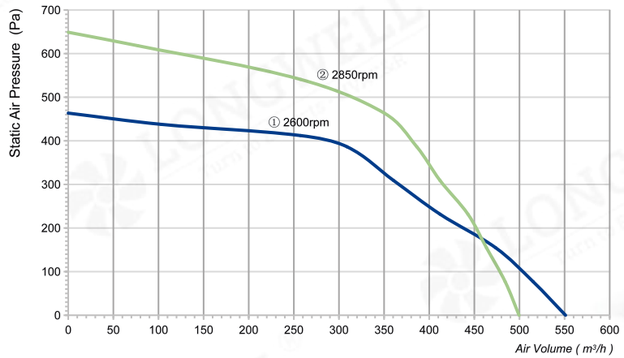
CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E140-092NS-03	230	50	100	0.42	1600	340	371	52	2uF	①
			65	0.3	1200	247	340	40	2uF	②
			40	0.2	900	175	309	32	2uF	③



LWFA-150 Serise





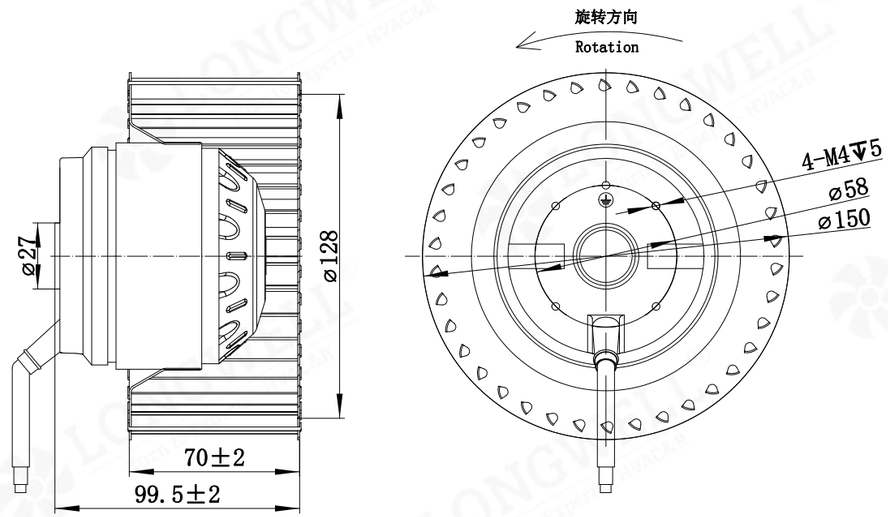
Product Characteristic

- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

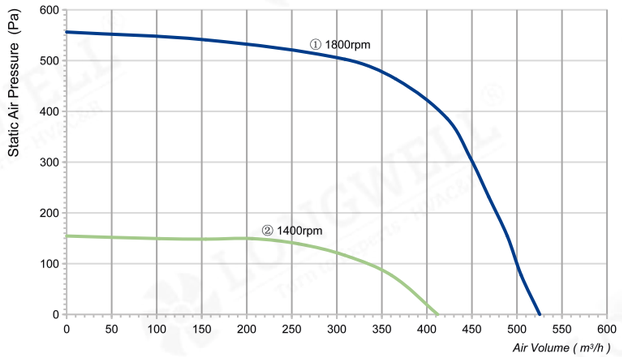
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E150-092NS-01	230	50	135	0.65	2600	551	464	67	4uF	①
LWFA2E150-092NS-02	230	60	180	0.82	2850	500	649	71	4uF	②



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LWFA-160 Serise





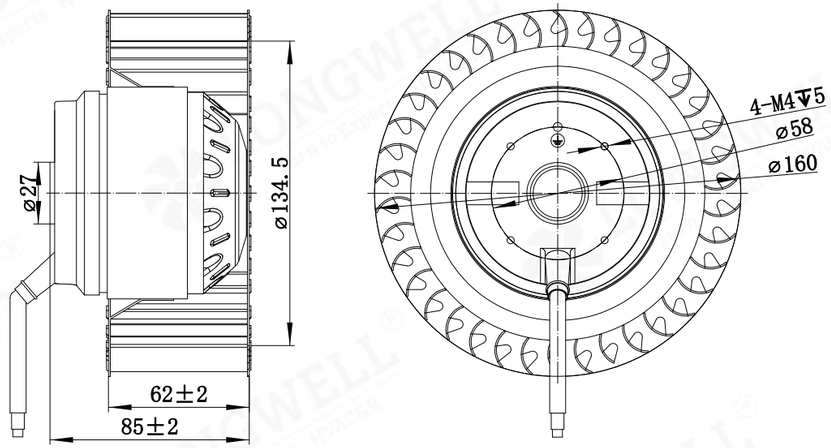
Product Characteristic

- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

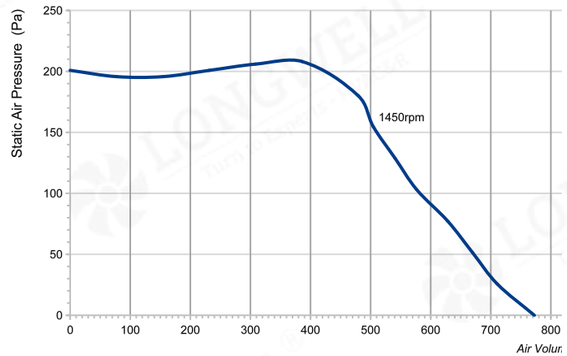
CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E160-092NS-01	230	50	230	1	1800	525	556	69	4uF	①
LWFA4E160-092NS-02	230	50	68	0.3	1400	412	155	58	2uF	②



LWFA-180 Serise





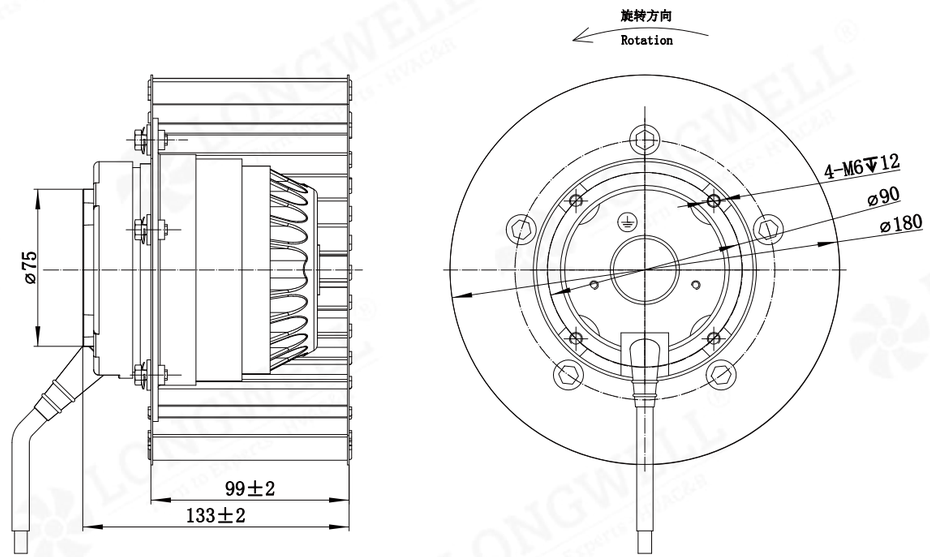
Product Characteristic

- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

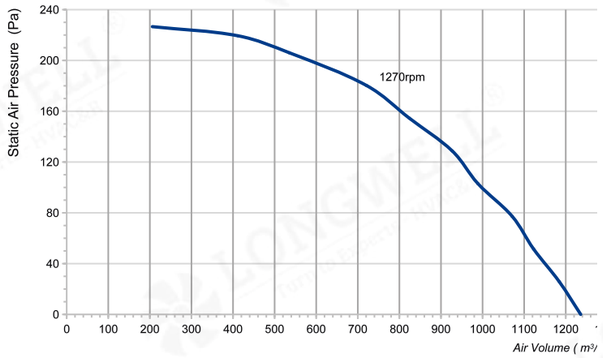
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA4E180-092NS-01	230	50	85	0.52	1450	773	196	69	3uF	/



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LWFA-200 Serise





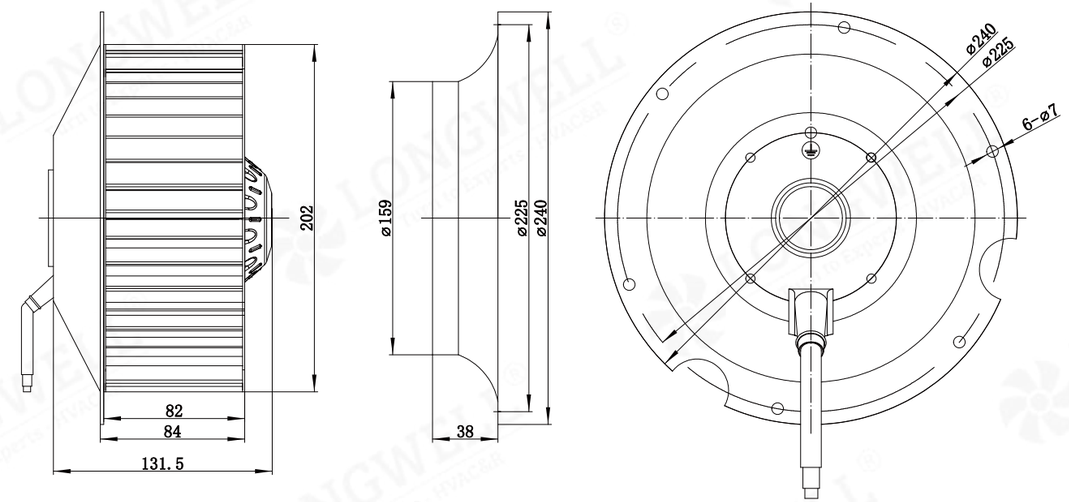
Product Characteristic

- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

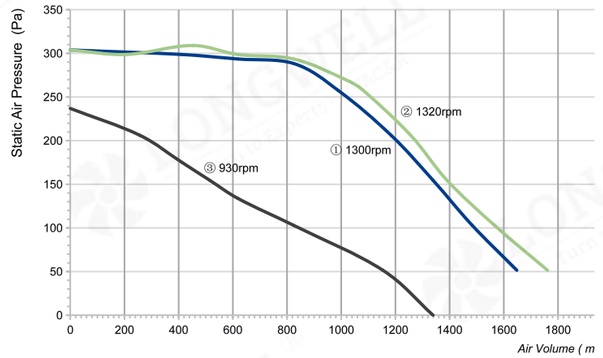
CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA4D200-102NT-01	380	50	330	0.63	1270	1236	227	59	/	/
LWFA4E200-102NS-02	230	50	330	1.52	1280	1236	227	59	8	/



LWFA-225 Serise





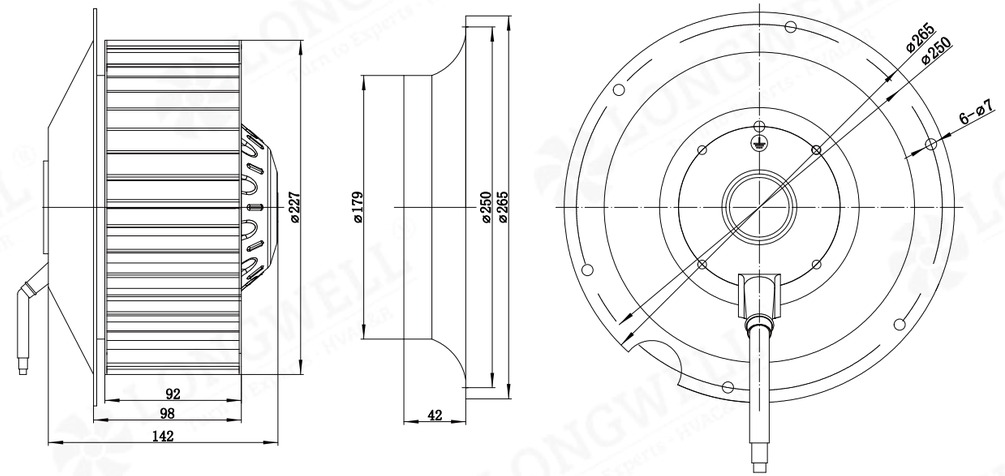
Product Characteristic

- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

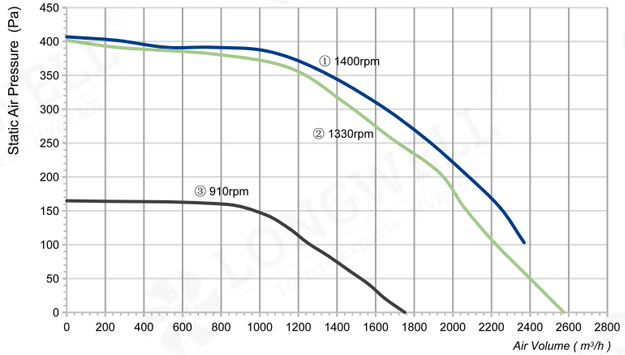
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA4D225-138NT-01	380	50	490	0.82	1300	1648	288	65	/	①
LWFA4E225-138NS-02	230	50	510	2.3	1320	1761	288	65	15	②
LWFA6D225-138NT-03	380	50	300	0.81	930	1339	237	59	/	③



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LWFA-250 Serise



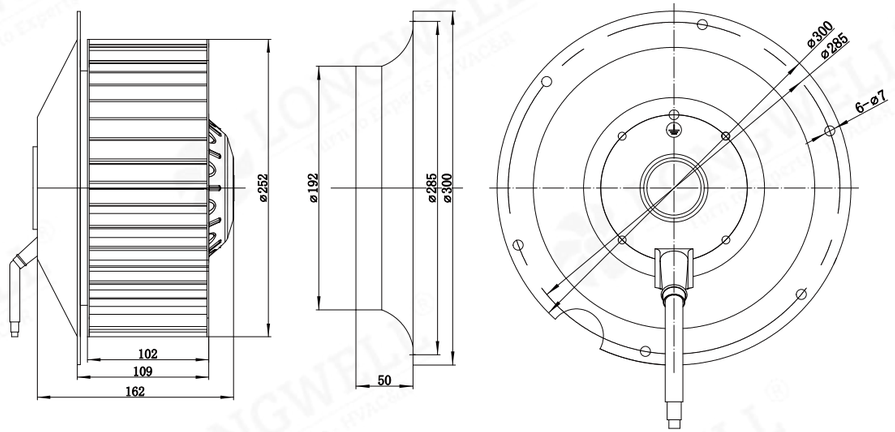


Product Characteristic

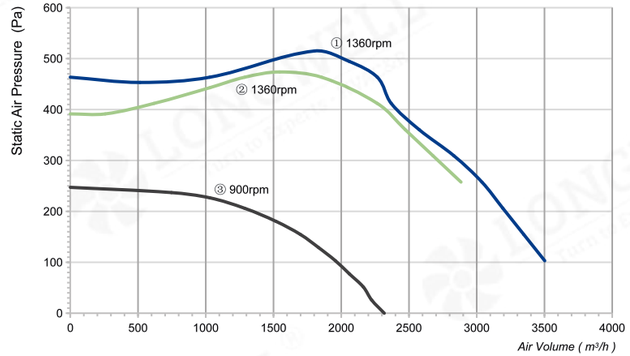
- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

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
LWFA4D250-138NT-01	380	50	870	1.8	1400	2369	407	72	/	①
LWFA4E250-138NS-02	220	50	900	4.1	1330	2575	402	72	25	②
LWFA6D250-102NT-03	380	50	320	0.81	910	1751	165	62	/	③
LWFA6E250-102NS-04	220	50	320	1.6	900	1751	165	62	10	③



LWFA-280 Serise



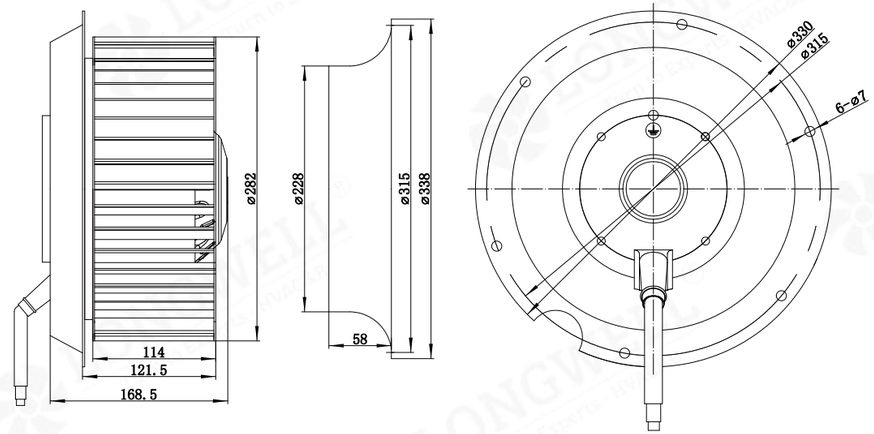


Product Characteristic

- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

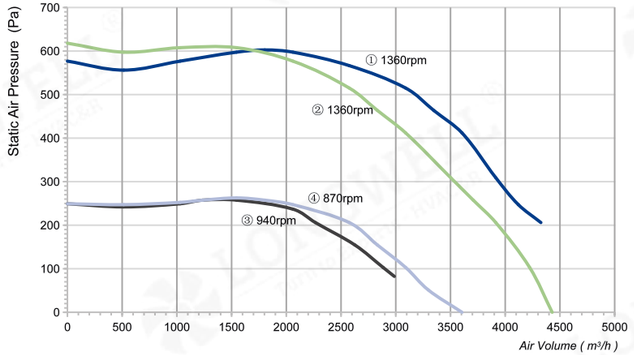
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA4D280-188NT-01	380	50	1700	3.2	1360	3502	464	77	/	①
LWFA4E280-188NS-02	220	50	1600	7.3	1360	2884	391	77	30	②
LWFA6D280-138NT-03	380	50	450	0.88	900	2318	247	65	/	③
LWFA6E280-138NS-04	220	50	450	2.5	900	2318	247	65	15	③



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LWFA-315 Serise



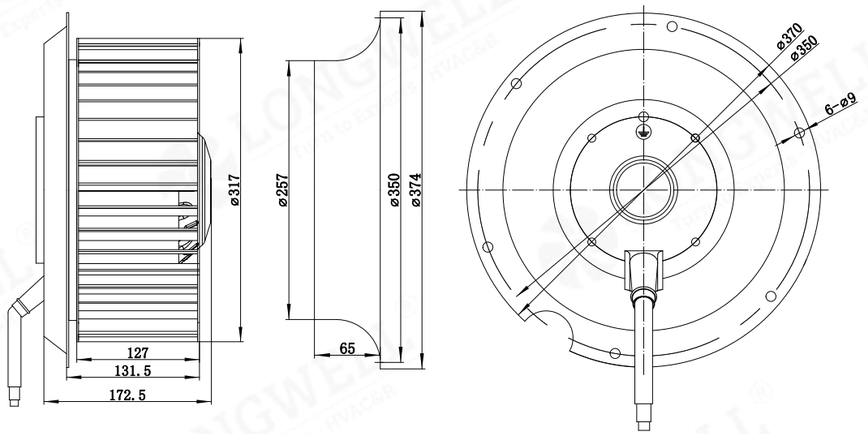


Product Characteristic

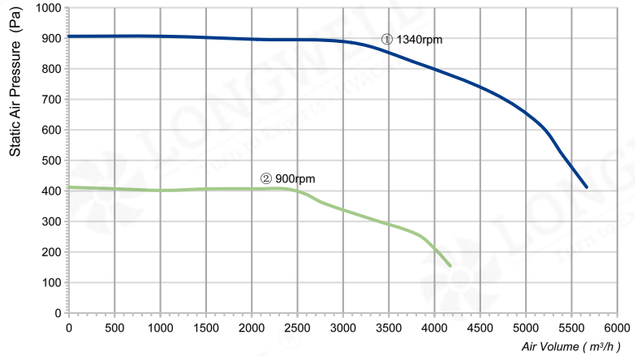
- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

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
LWFA4D315-188NT-01	380	50	2200	4	1360	4326	577	80	/	①
LWFA4E315-188NS-02	220	50	2300	7.3	1360	4429	618	80	30	②
LWFA6D315-138NT-03	380	50	780	1.5	940	2987	249	68	/	③
LWFA6E315-138NS-04	220	50	720	3.6	870	3605	249	68	20	④



LWFA-355 Serise



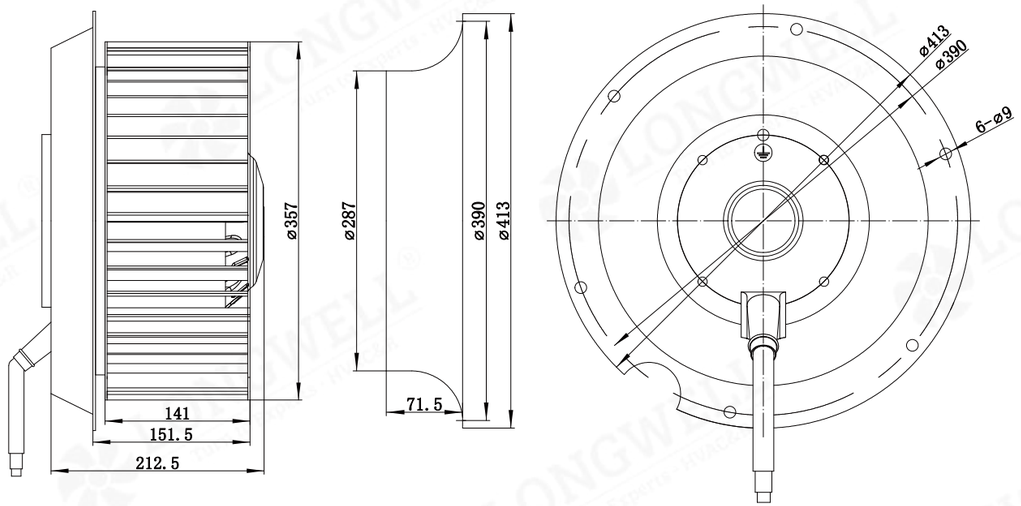


Product Characteristic

- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

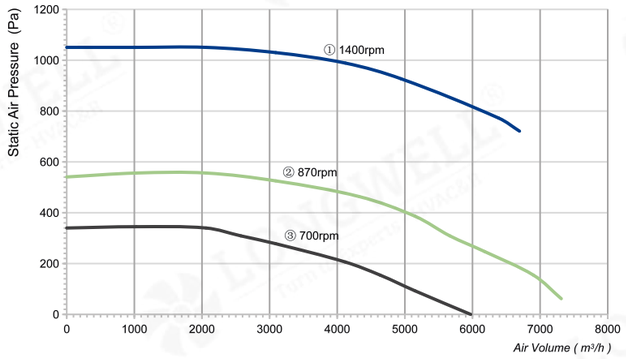
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA4D355-188NT-01	380	50	3500	5.9	1340	5665	906	80	/	①
LWFA6D355-188NT-02	380	50	1150	2.3	900	4172	412	70	/	②



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LWFA-400 Serise





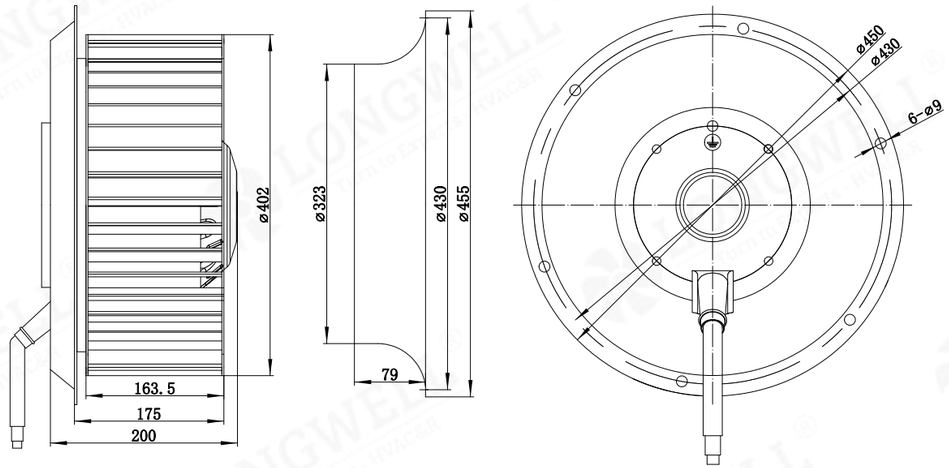
Product Characteristic

- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

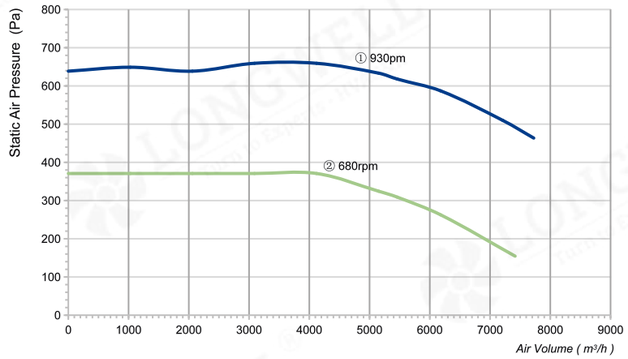
CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA4D400-188NT-01	380	50	4800	8	1400	6695	1030	82	/	①
LWFA6D400-188NT-02	380	50	2800	4.8	870	7313	541	74	/	②
LWFA8D400-188NT-03	380	50	1700	3.7	700	5974	345	65	/	③



LWFA-450 Serise





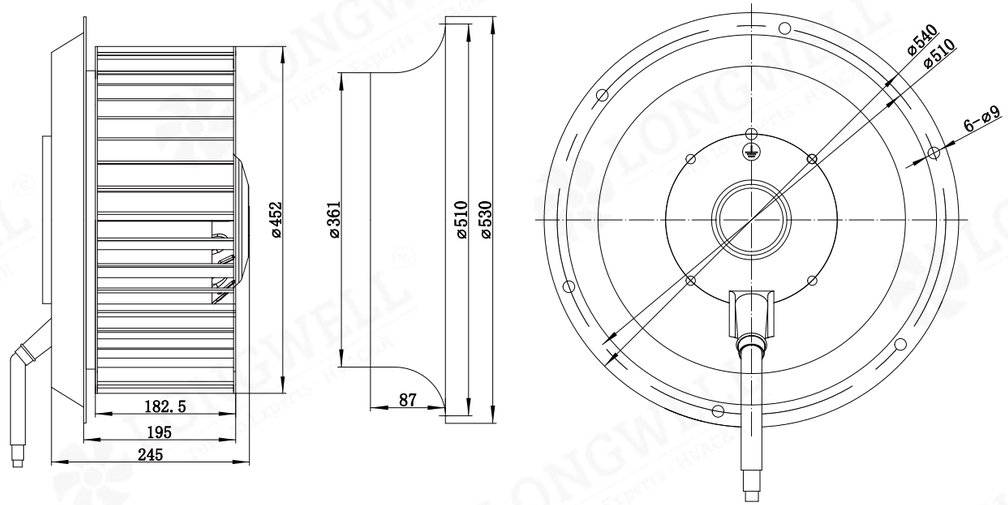
Product Characteristic

- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

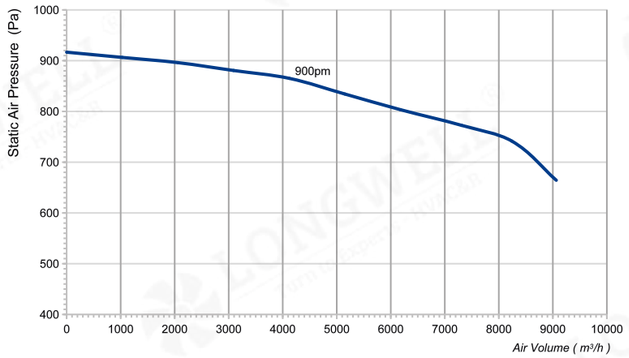
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA6D450-188NT-01	380	50	3500	5.9	930	7725	639	74	/	①
LWFA8D450-188NT-02	380	50	2000	4.1	680	7416	371	68	/	②



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https://www.longwellfans.com Email:sales@zjlongwell.com

LWFA-500 Serise





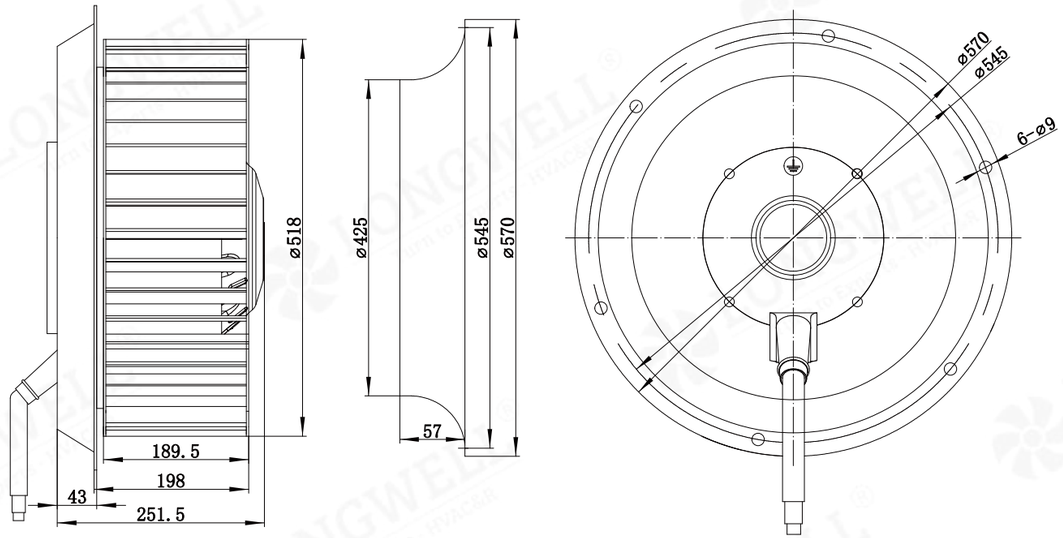
Product Characteristic

• Material:	Galvanised sheet steel	• Type of Protection:	IP54
• Bearing:	Maintenance-free ball bearings	• Insulation Class:	B
• Mode of Operation:	S1	• Operation Temperature:	-30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA6D500-188NT-01	380	50	4400	7.6	900	9064	917	75	/	/



Type Code

LW F A 4E 120 - 092 S S - 01

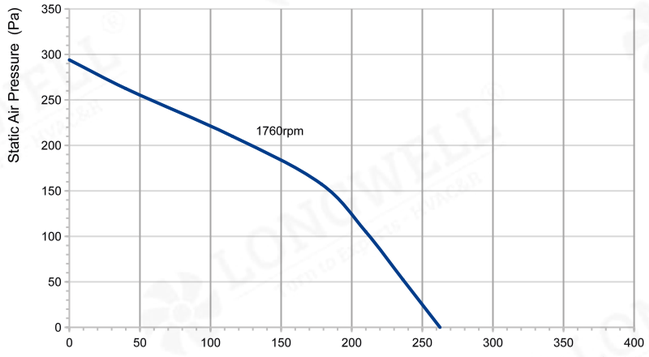
- Series number
- T-380VAC S-230VAC U-115V
  L-12VDC M-24VDC
  H-48VDC Z-310VDC
- N-Without housing/bracket
  S-Single inlet with housing
  D-Dual-inlet with housing
  P-with bracket
- Diameter of Rotor:072/092/102/138/188/218
- Diameter of Impeller
- 2E-2pole 4E-4pole 6E-6 pole 6D-6pole
  8D-8pole 3G-3 phase 1G-Single phase
- A-AC D-DC E-EC
- B-Backward F-Forward
- LW-Longwell

Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

AC Single Inlet Forward Centrifugal Blower



LWFA-120 Serise



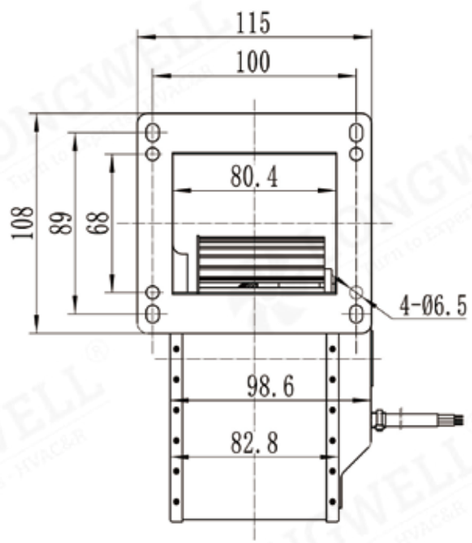


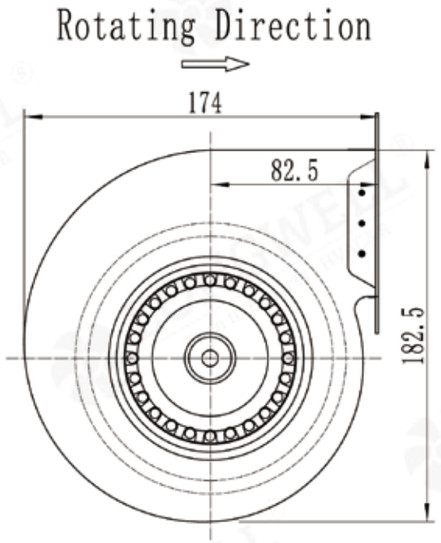
Product Characteristic

Material:	Galvanised sheet steel	Type of Protection:	IP54
Bearing:	Maintenance-free ball bearings	Insulation Class:	F
Mode of Operation:	S1	Operation Temperature:	-30℃～+60℃

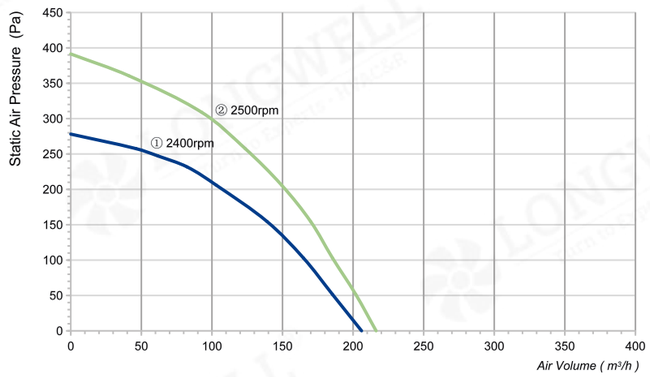
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA4E120-092SS-01	230	50	54	0.24	1760	263	294	59	2uF	/





LWFA-120 Serise



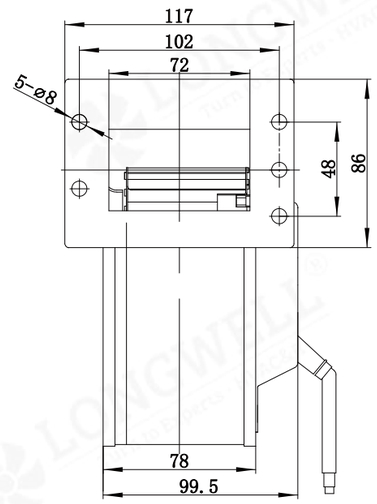


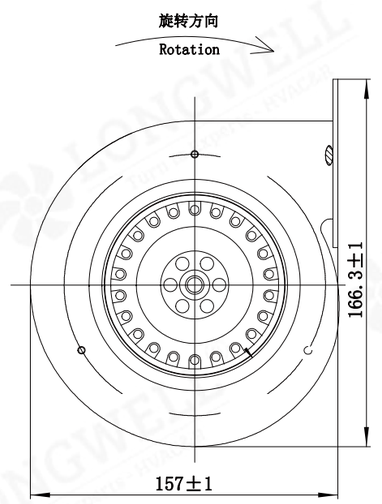
Product Characteristic

Material:	Galvanised sheet steel	Type of Protection:	IP54
Bearing:	Maintenance-free ball bearings	Insulation Class:	F
Mode of Operation:	S1	Operation Temperature:	-30℃～+60℃

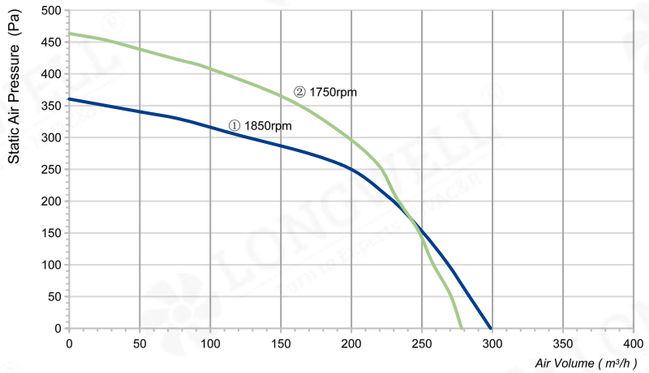
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E120-092SS-02	230	50	58	0.27	2400	206	278	51	1.5uF	①
LWFA2E120-092SS-03	230	60	73	0.33	2500	216	391	53	1.5uF	②





LWFA-133 Serise





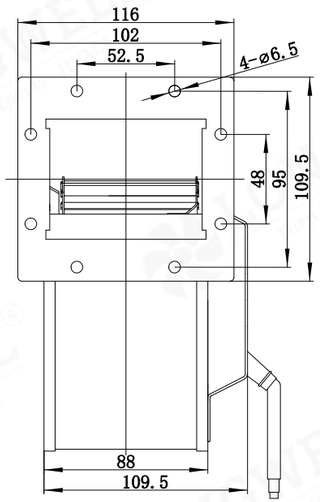
Product Characteristic

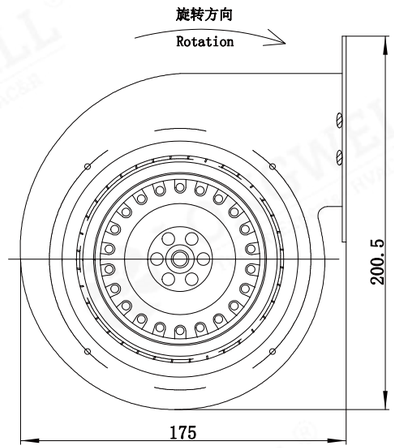
- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

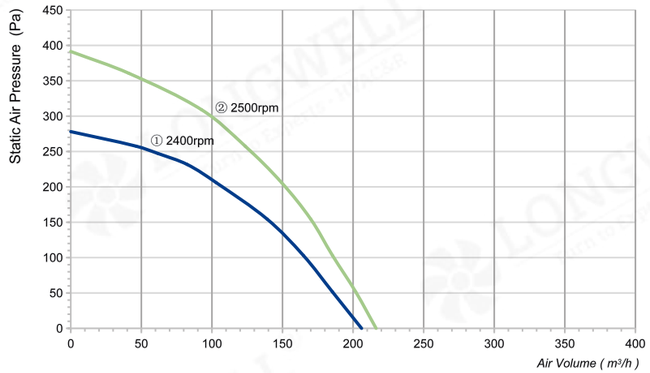
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E133-092SS-01	230	50	83	0.37	1850	299	361	61	2uF	①
LWFA2E133-092SS-02	230	60	95	0.43	1750	278	464	63	2uF	②





LWFA-133 Serise





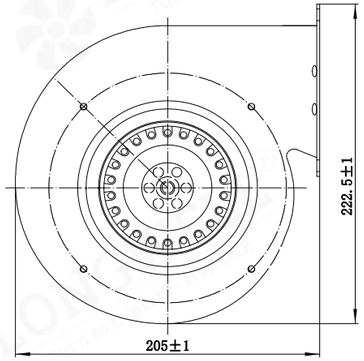
Product Characteristic

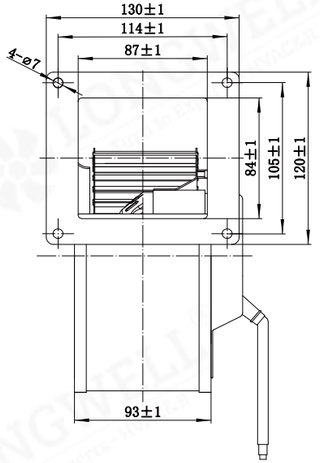
- Material: Plastic PA66
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

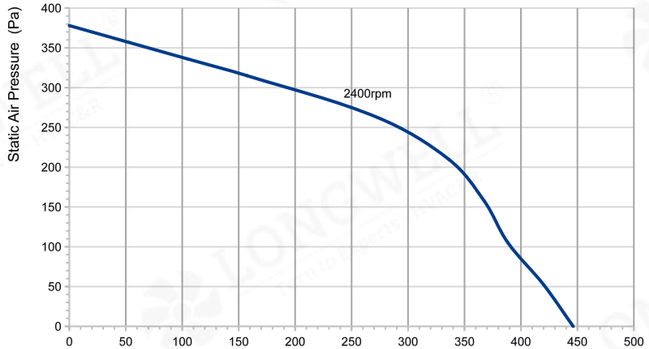
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E133-092SS-03	230	50	85	0.38	1600	319	433	56	2uF	①
			60	0.28	1100	206	350	47	2uF	②
			50	0.25	800	146	288	40	2uF	③





LWFA-140 Serise



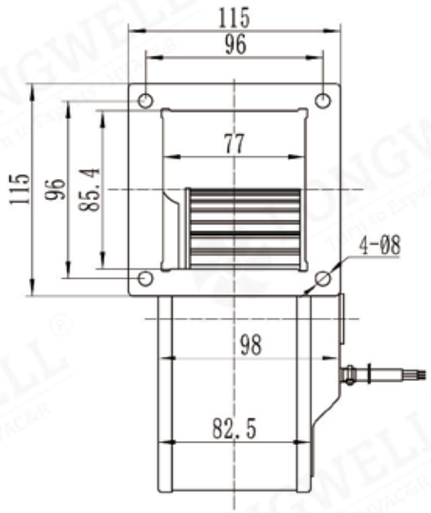


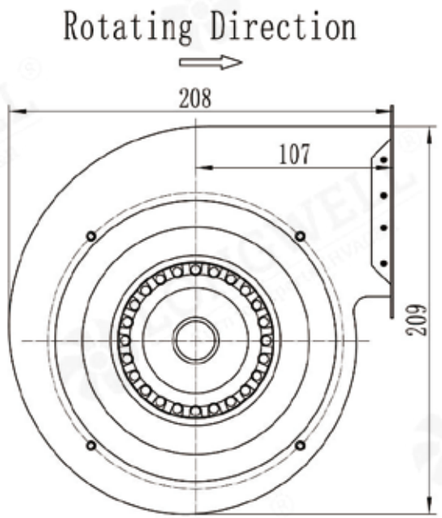
Product Characteristic

- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

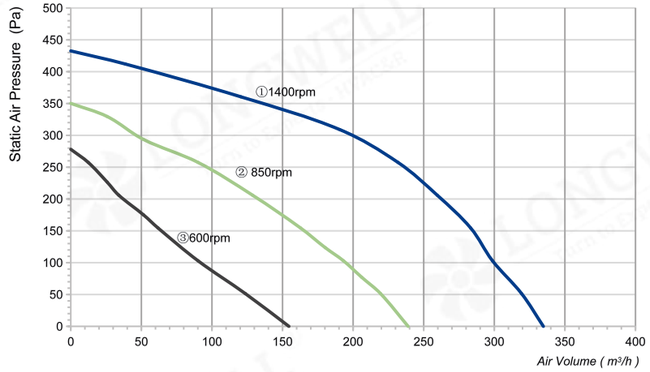
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E140-092SS-01	230	50	148	0.67	2400	446	378	65	5uF	/





LWFA-140 Serise



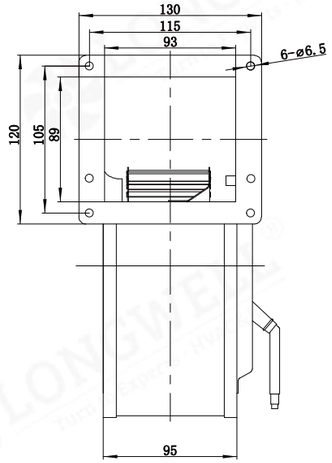


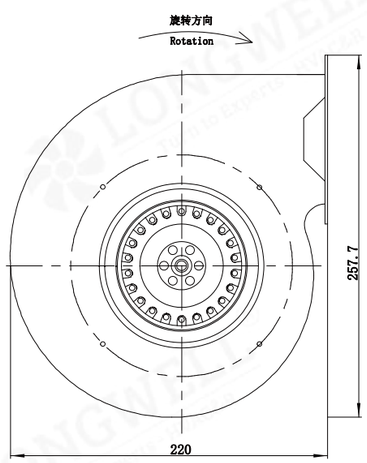
Product Characteristic

- Material: Plastic PA66
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

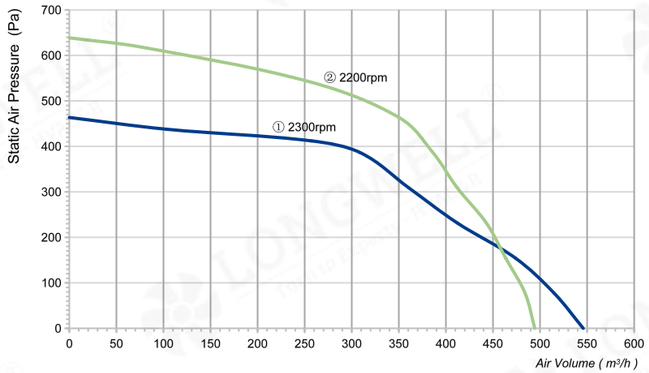
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
			90	0.4	1400	335	433	52	2uF	①
LWFA2E140-092SS-02	230	50	60	0.3	850	239	350	40	2uF	②
			50	0.25	600	155	278	32	2uF	③





LWFA-150 Serise





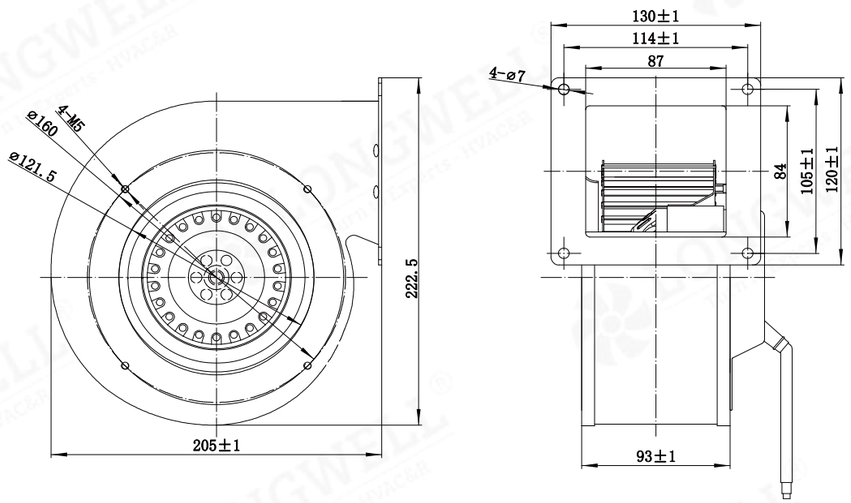
Product Characteristic

- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

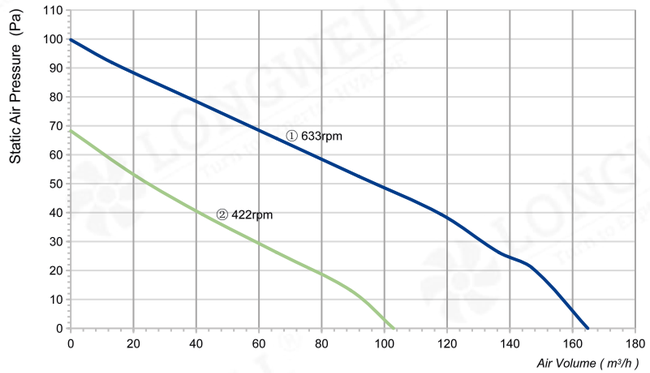
CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E150-092SS-01	230	50	183	0.83	2300	546	464	63	4uF	①
LWFA2E150-092SS-02	230	60	230	1.04	2200	494	639	68	4uF	②



LWFA-153 Serise





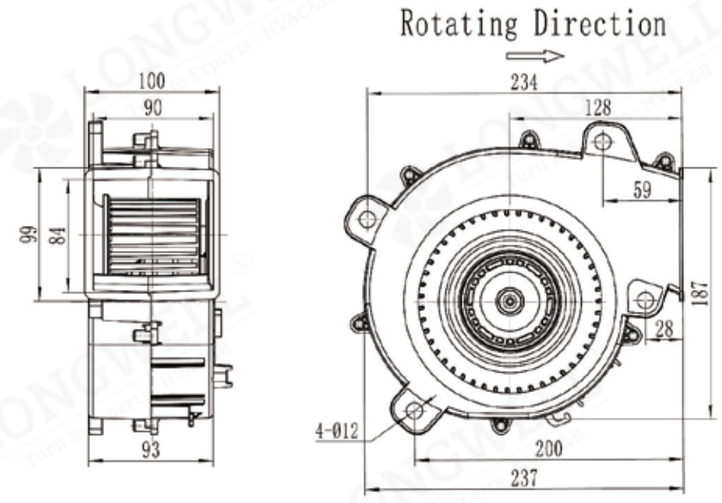
Product Characteristic

- Material: Plastic PA66
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

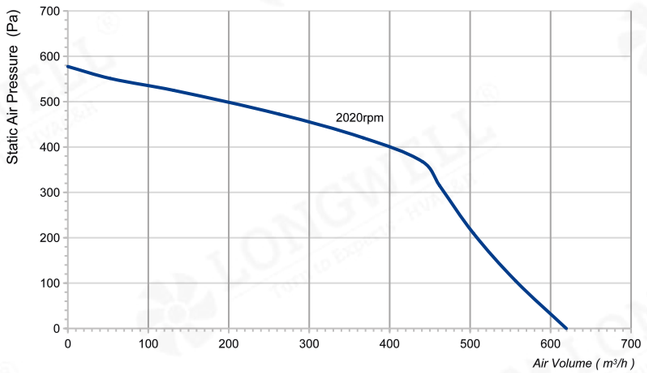
CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA8E153-072SS-01	230	50	28	0.12	630	165	100	/	0.6uF	①
			22	0.1	422	103	68	/	0.6uF	②



LWFA-160 Serise



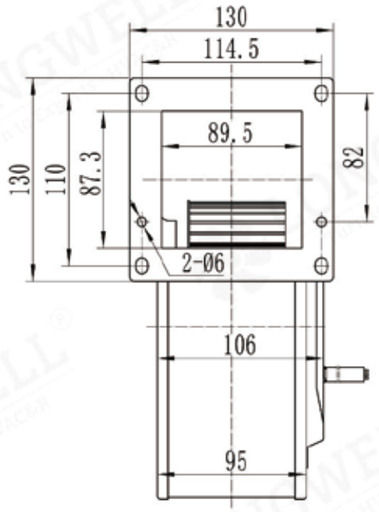


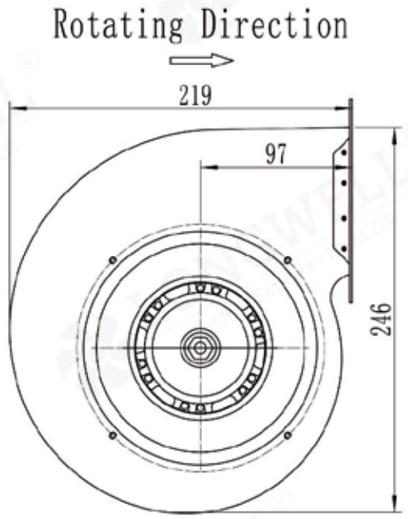
Product Characteristic

- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

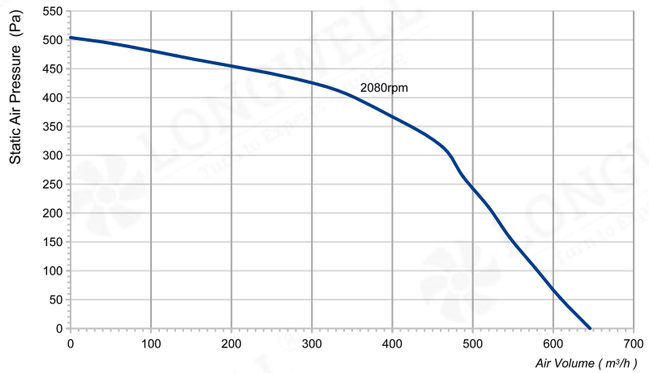
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E160-092SS-01	230	50	222	1.01	2020	620	578	65	6uF	/





LWFA-160 Serise



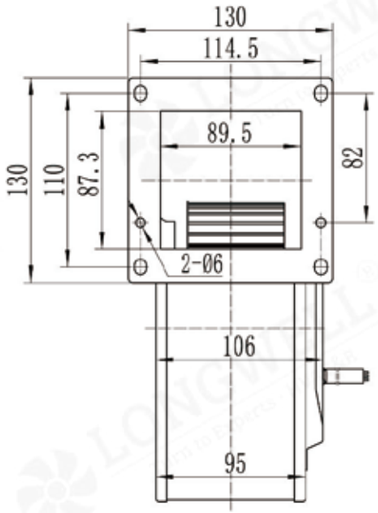


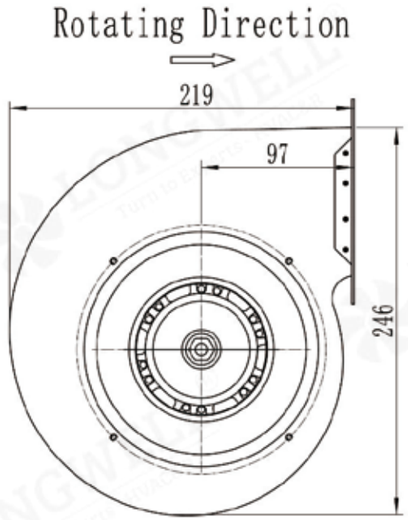
Product Characteristic

- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

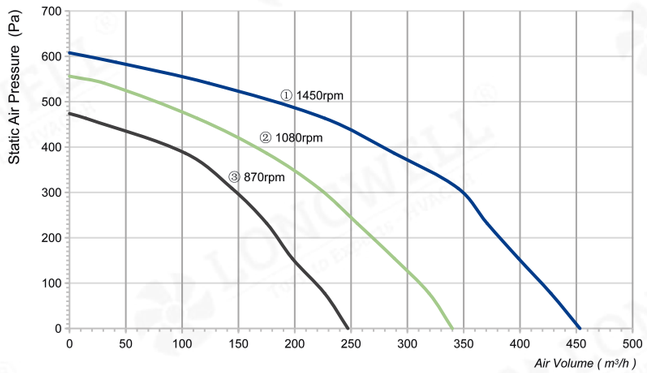
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2D160-092ST-02	380	50	237	0.45	2080	646	504	66	/	/





LWFA-160 Serise





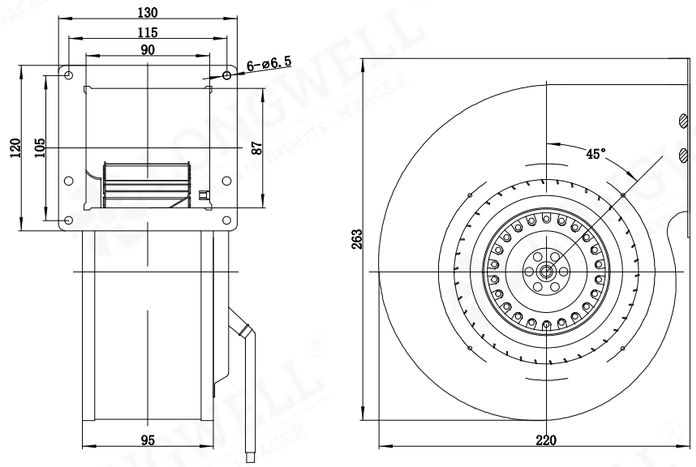
Product Characteristic

- Material: Plastic PA66
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

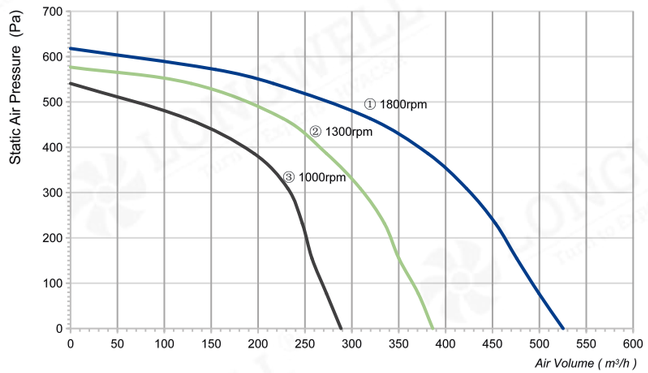
CE RoHS BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E160-092SS-03	230	50	150	0.67	1450	453	608	57	3.5uF	①
			120	0.55	1080	340	556	49	3.5uF	②
			100	0.47	870	247	474	43	3.5uF	③



LWFA-160 Serise





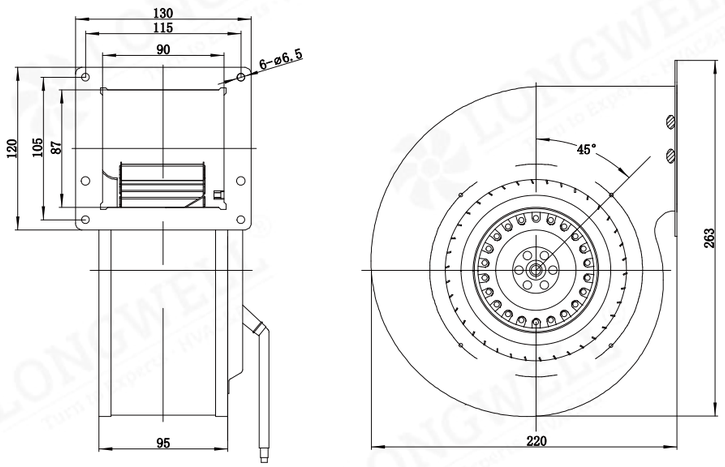
Product Characteristic

- Material: Plastic PA66
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

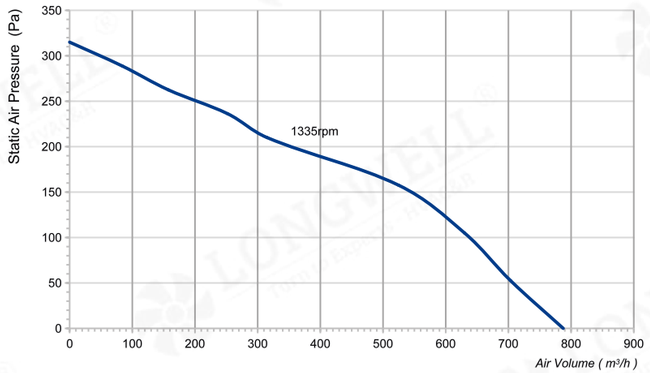
CE RoHS BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E160-092SS-04	230	50	220	1	1800	525	618	61	4uF	①
			190	0.9	1300	386	577	54	4uF	②
			160	0.75	1000	288	541	47	4uF	③



LWFA-180 Serise





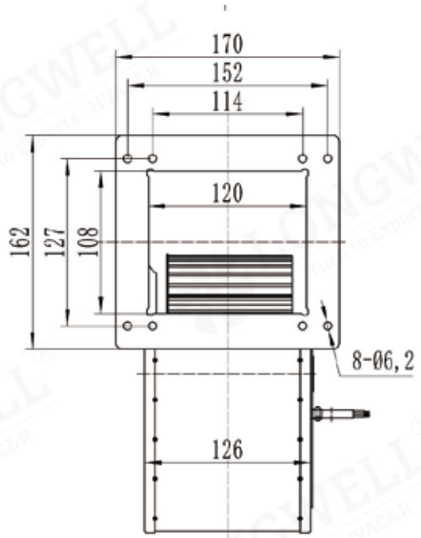
Product Characteristic

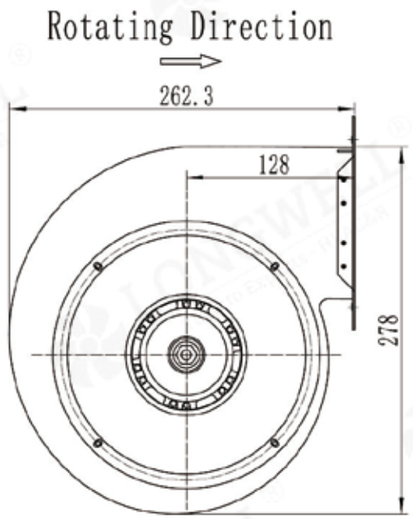
Material:	Galvanised sheet steel	Type of Protection:	IP54
Bearing:	Maintenance-free ball bearings	Insulation Class:	F
Mode of Operation:	S1	Operation Temperature:	-30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

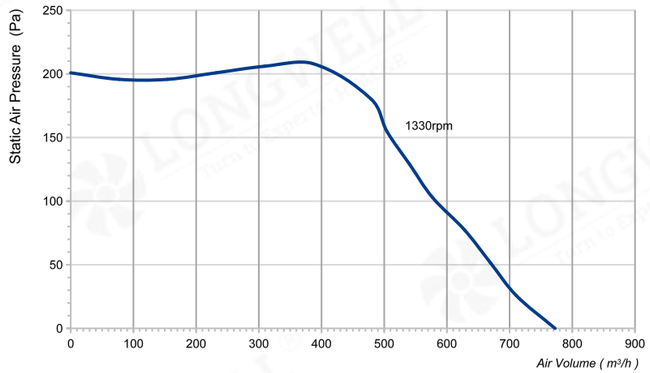
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA4E180-092SS-01	230	50	137	0.59	1335	788	315	63	5uF	/





LWFA-180 Serise





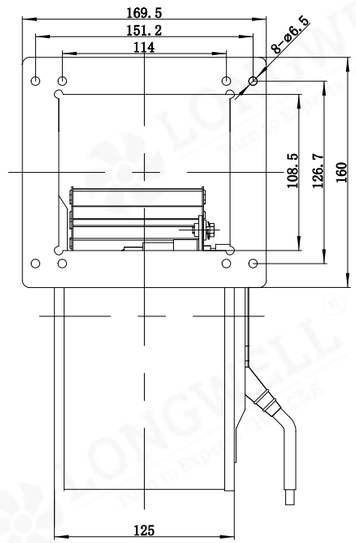
Product Characteristic

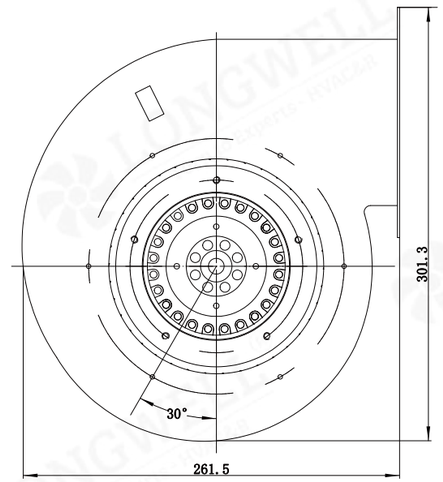
Material:	Galvanised sheet steel	Type of Protection:	IP54
Bearing:	Maintenance-free ball bearings	Insulation Class:	F
Mode of Operation:	S1	Operation Temperature:	-30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

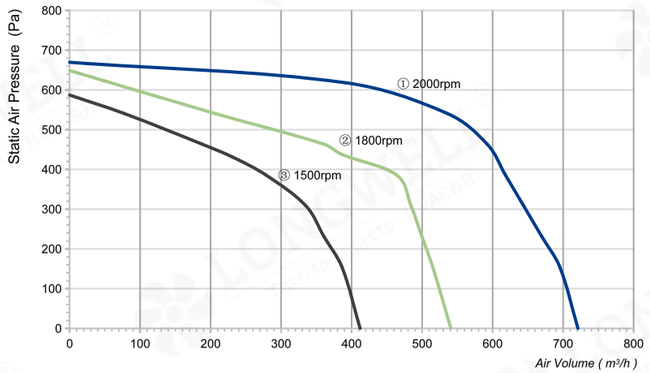
Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA4E180-092SS-02	230	50	135	0.7	1330	773	201	63	3uF	/





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LWFA-180 Serise



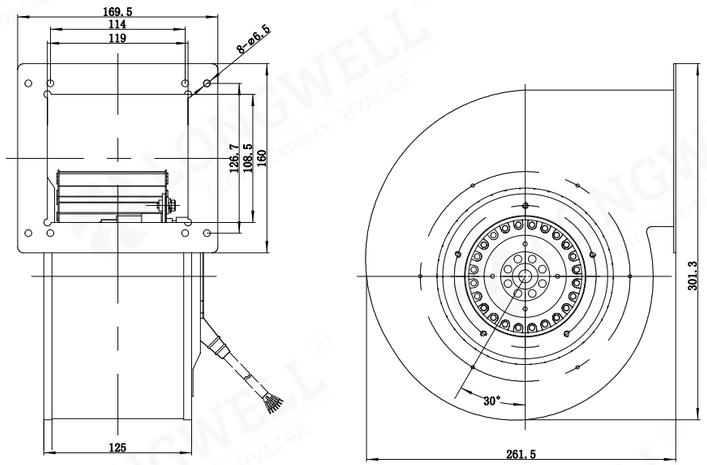


Product Characteristic

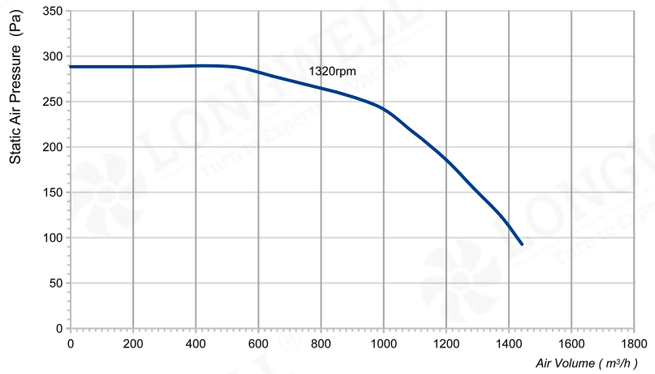
- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

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
LWFA2E180-092SS-03	230	50	300	1.35	2000	742	670	73	7uF	①
			250	1.2	1800	541	649	69	7uF	②
			195	0.95	1500	412	587	65	7uF	③



LWFA-225 Serise



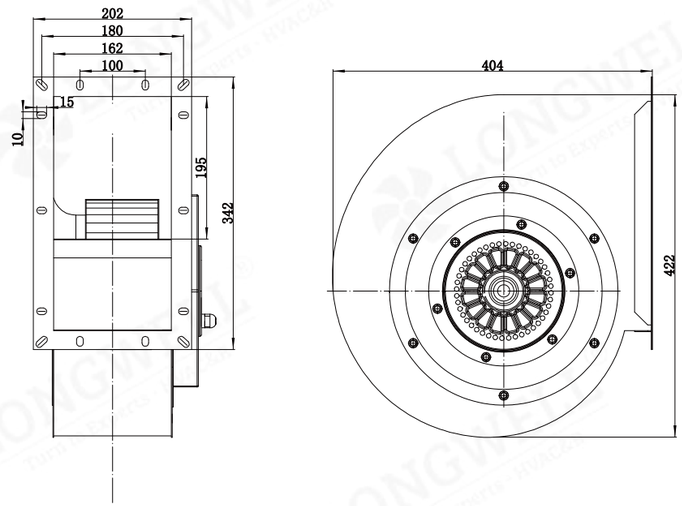


Product Characteristic

- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

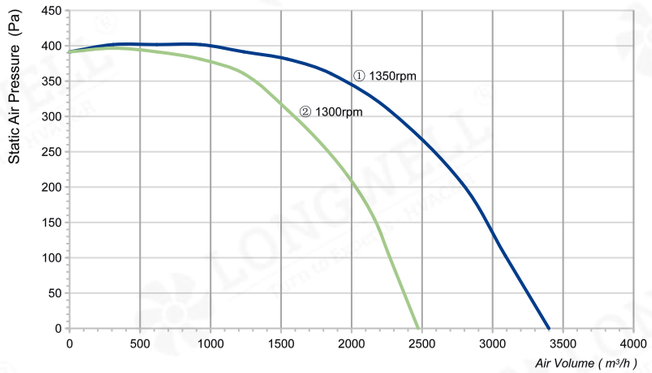
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA4E225-138SS-01	230	50	400	1.8	1320	1442	288	73	10uF	/
LWFA4D225-138ST-02	380	50	400	0.9	1390	1442	288	73	/	/



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LWFA-250 Serise



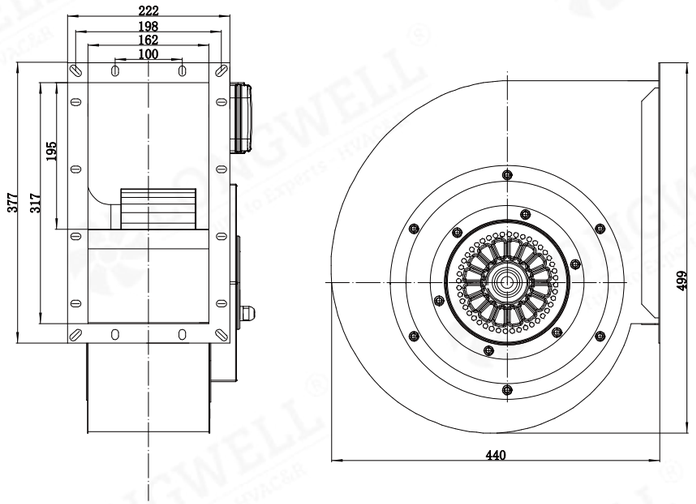


Product Characteristic

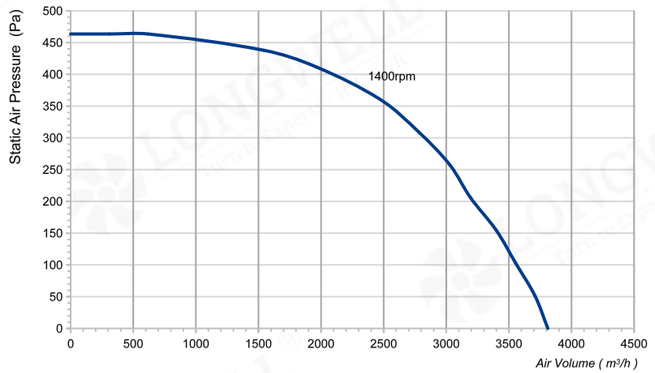
- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

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
LWFA4D250-138ST-01	380	50	850	1.6	1350	3399	391	80	/	①
LWFA4D250-138ST-02	380	50	630	1.2	1300	2472	391	74	/	②



LWFA-280 Serise



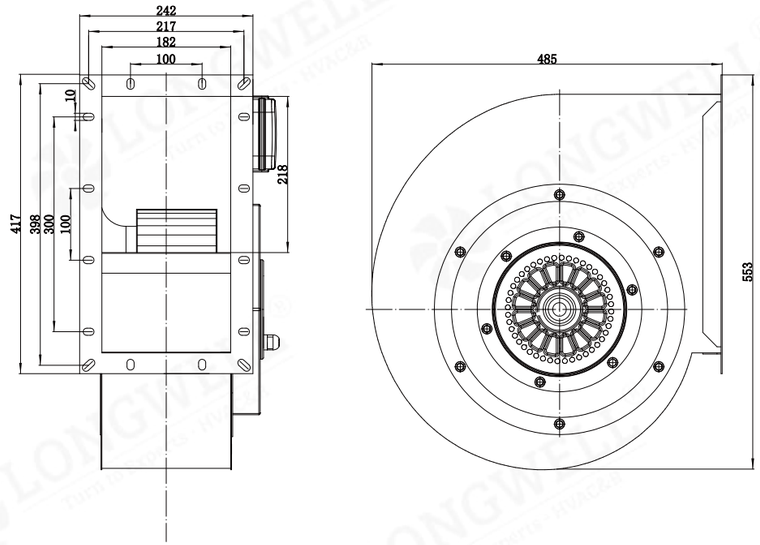


Product Characteristic

- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

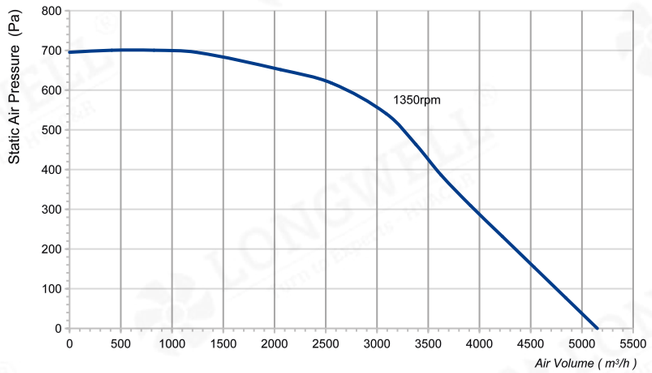
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA4D280-188ST-01	380	50	1400	2.5	1400	3811	464	82	/	/



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LWFA-315 Serise



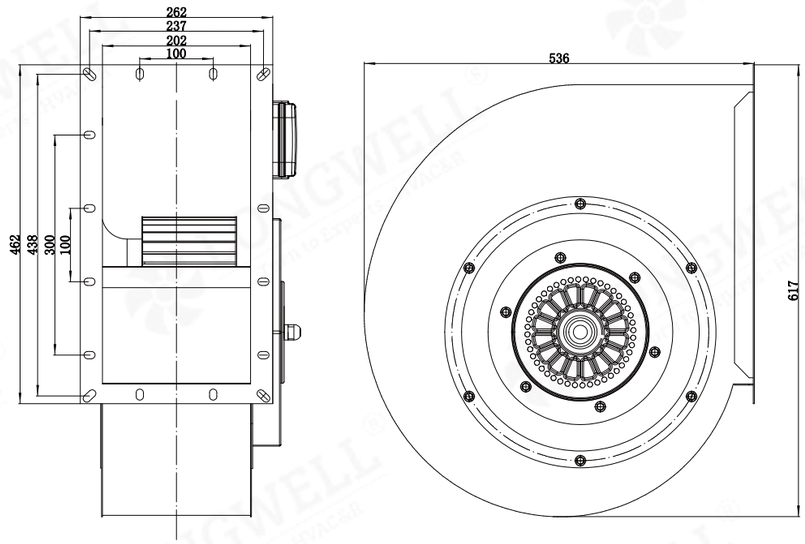


Product Characteristic

- Material: Galvanised sheet steel
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Insulation Class: F
- Operation Temperature: -30℃～+60℃

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
LWFA4D315-188ST-01	380	50	2200	3.7	1350	5150	695	85	/	/



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AC Dual Inlet Forward Centrifugal Blower

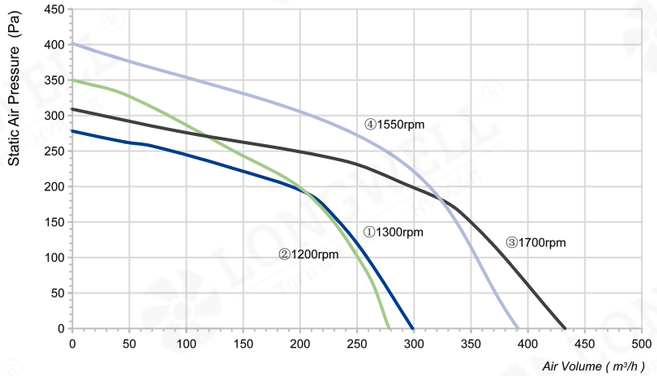
Type Code

LW F A 2E 120 - 092 D S - 01

- 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



LWFA-120 Serise





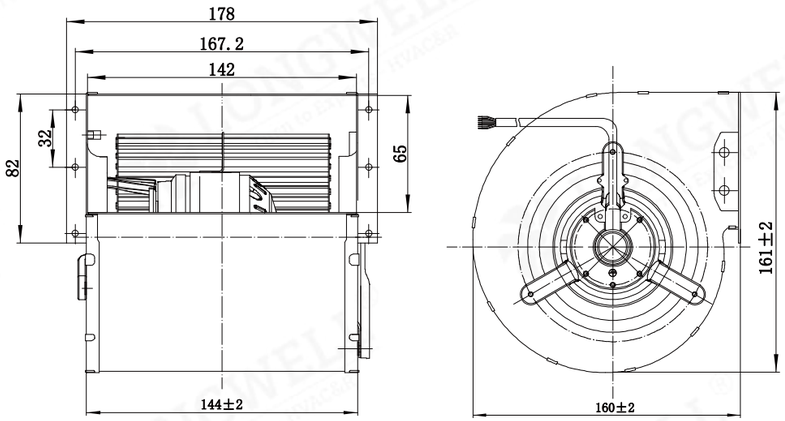
Product Characteristic

- Material : Metal
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

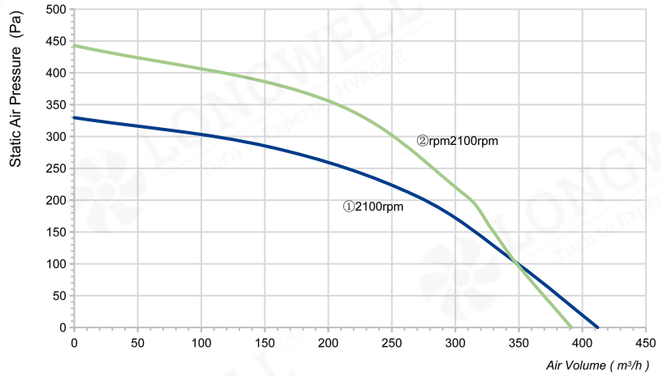
CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E120-092DS-01	230	50	65	0.3	1300	299	278	54	2uF	①
LWFA2E120-092DS-02	230	60	71	0.33	1200	278	350	54	2uF	②
LWFA2E120-092DS-03	230	50	105	0.47	1700	433	309	60	2uF	③
LWFA2E120-092DS-04	230	60	116	0.52	1550	391	402	60	2uF	④



LWFA-120 Serise





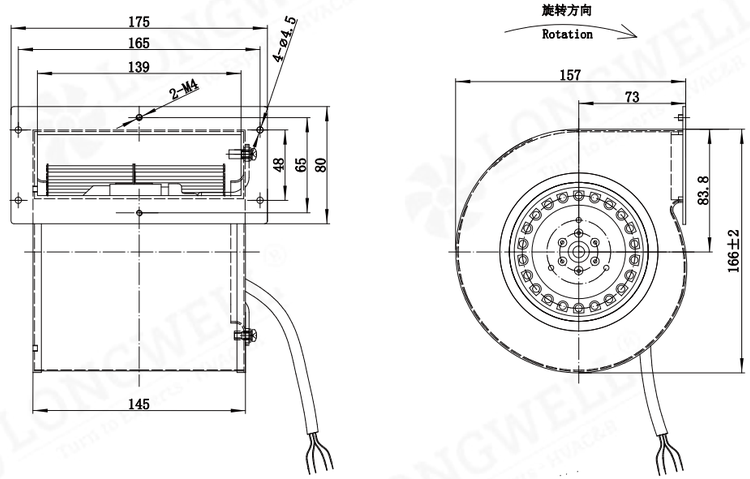
Product Characteristic

- Material : Metal
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

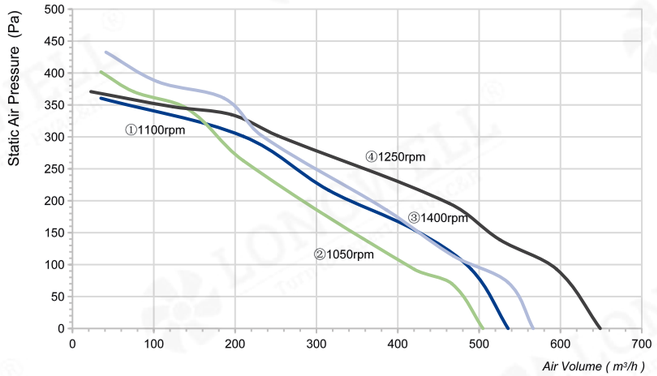
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E120-092DS-05	230	50	85	0.4	2100	412	330	66	1.5uF	①
LWFA2E120-092DS-06	230	60	95	0.43	2100	391	443	66	1.5uF	②



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LWFA-133 Serise





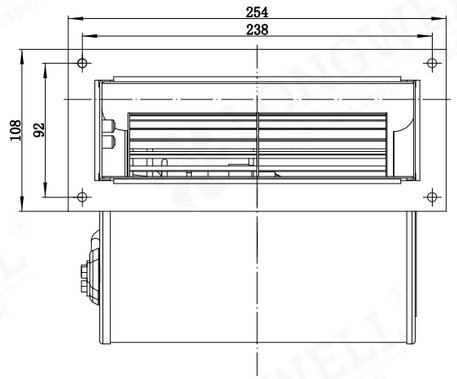
Product Characteristic

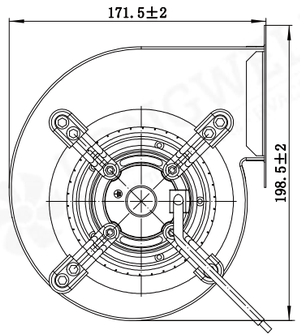
- Material : Metal
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

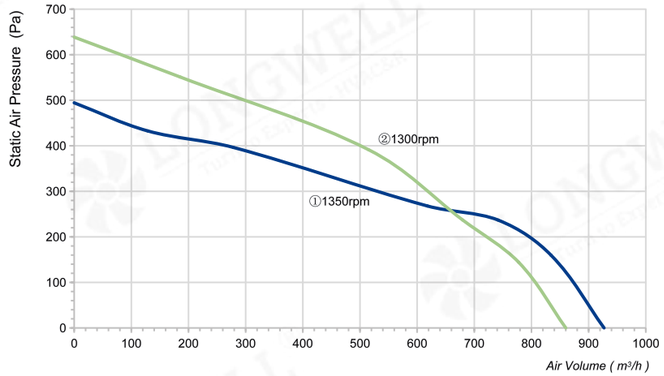
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E133-092DS-01	230	50	130	0.6	1100	536	361	60	3uF	①
LWFA2E133-092DS-02	230	60	135	0.62	1050	505	402	60	3uF	②
LWFA4E133-092DS-03	230	50	180	0.8	1400	649	371	69	4uF	③
LWFA4E133-092DS-04	230	60	190	0.86	1250	567	433	69	4uF	④





LWFA-133 Serise





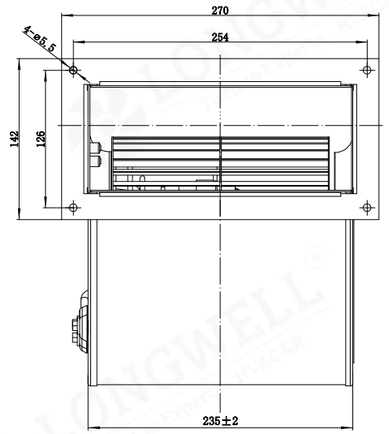
Product Characteristic

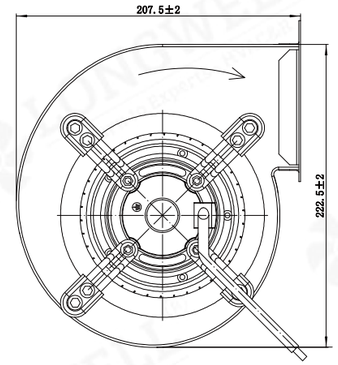
- Material : Metal
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

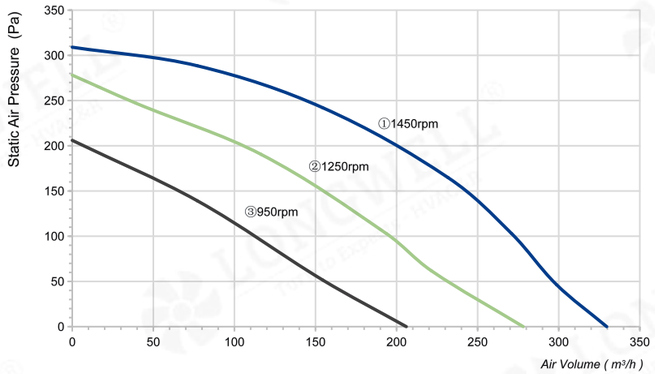
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E133-092DS-05	230	50	250	1.15	1350	927	494	69	6uF	①
LWFA2E133-092DS-06	230	60	265	1.22	1300	886	639	69	6uF	②





LWFA-133 Serise





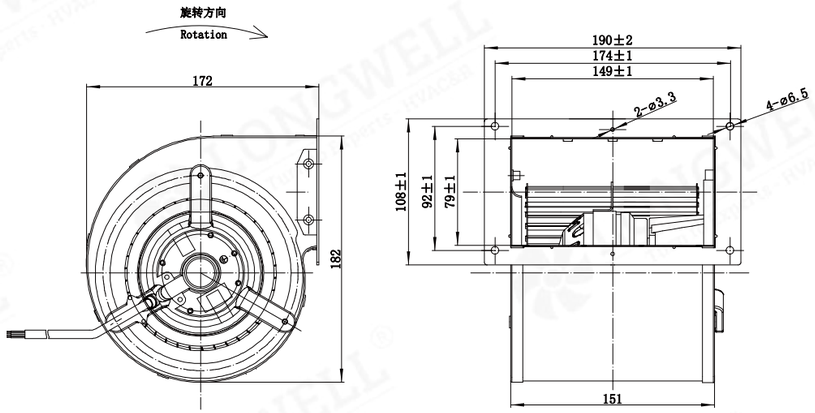
Product Characteristic

- Material : Metal
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

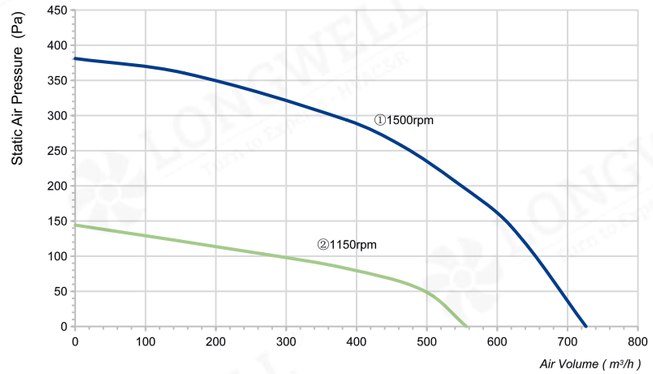
CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E133-092DS-07	230	50	70	0.3	1450	330	309	40	1.5uF	①
			60	0.26	1250	278	278	35	1.5uF	②
			47	0.22	950	206	206	29	1.5uF	③



LWFA-133 Serise





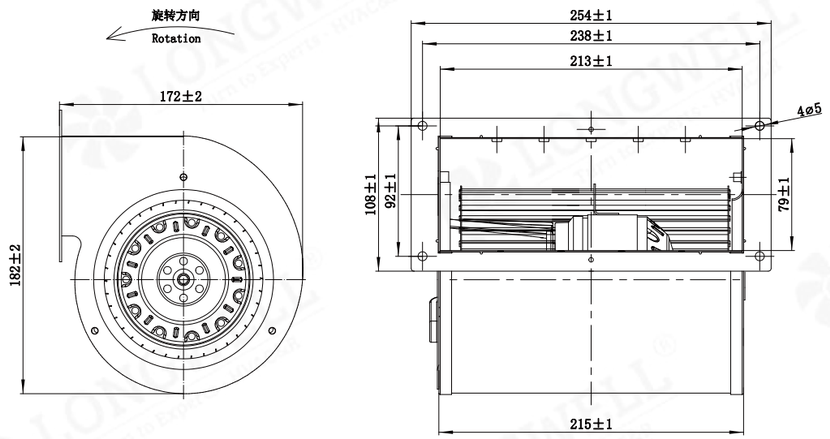
Product Characteristic

- Material : Metal
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

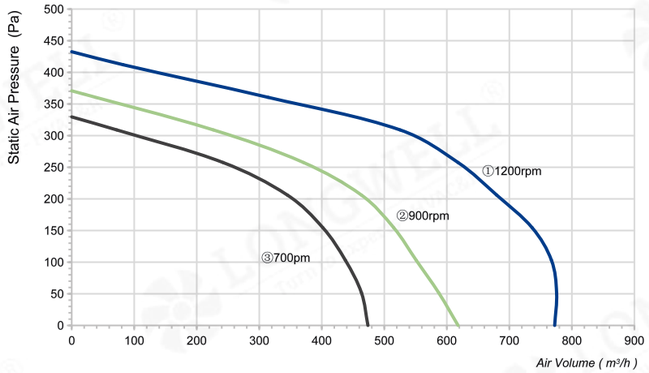
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E133-092DS-08	230	50	190	0.85	1500	726	381	60	4uF	①
LWFA4E133-092DS-09	230	50	75	0.35	1150	556	144	51	2uF	②



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LWFA-133 Serise





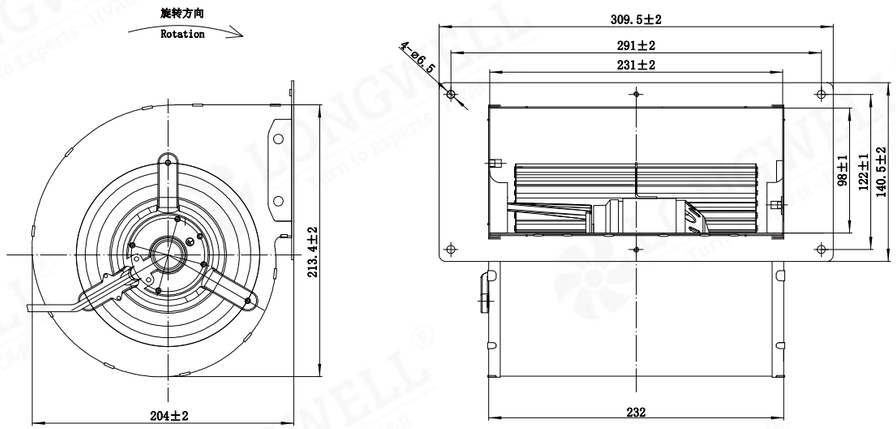
Product Characteristic

- Material : Metal
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

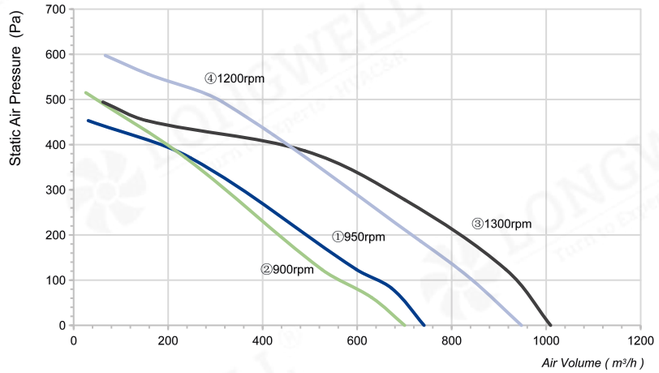
CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E133-092DS-10	230	50	250	1.1	1200	773	433	58	4uF	①
			205	0.9	900	618	371	51	4uF	②
			175	0.8	700	474	330	46	4uF	③



LWFA-146 Serise





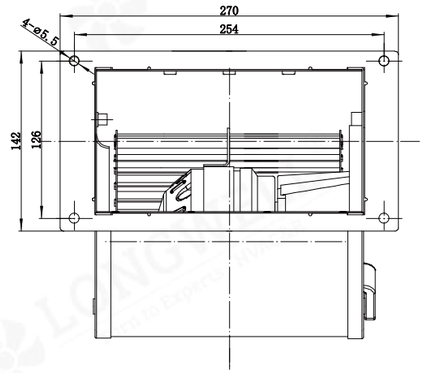
Product Characteristic

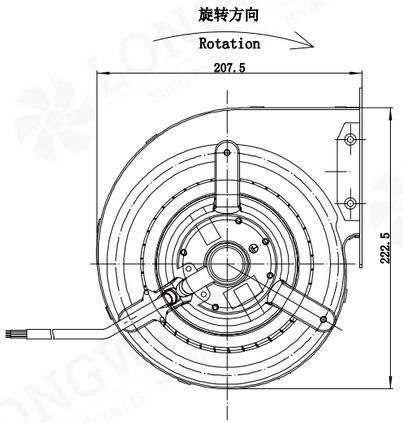
- Material : Metal
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

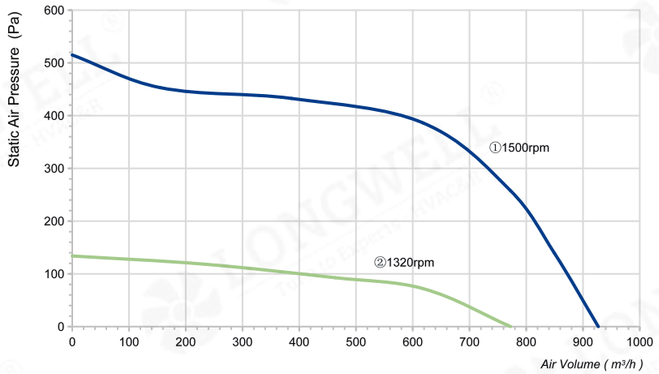
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E146-092DS-01	230	50	175	0.79	950	742	453	58	5uF	①
LWFA2E146-092DS-02	230	60	190	0.85	900	700	515	58	5uF	②
LWFA2E146-092DS-03	230	50	275	1.25	1300	1009	494	69	8uF	③
LWFA2E146-092DS-04	230	60	295	1.35	1200	948	597	69	8uF	④





LWFA-146 Serise





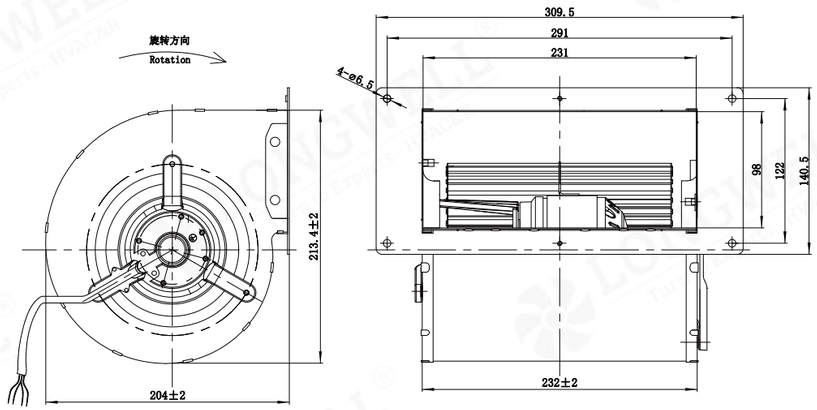
Product Characteristic

- Material : Metal
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

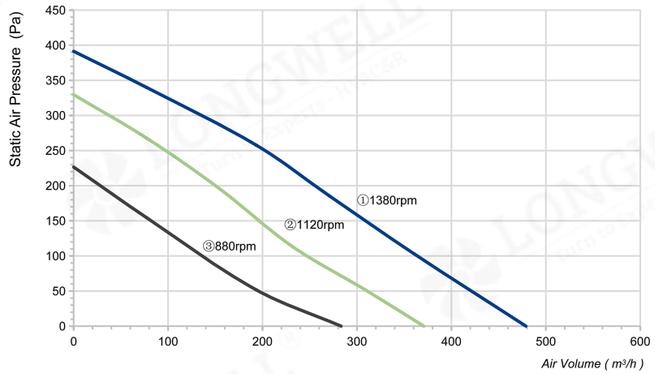
CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E146-092DS-05	230	50	250	1.2	1500	927	515	60	6uF	①
LWFA4E146-092DS-06	230	50	100	0.54	1320	773	134	52	3uF	②



LWFA-146 Serise





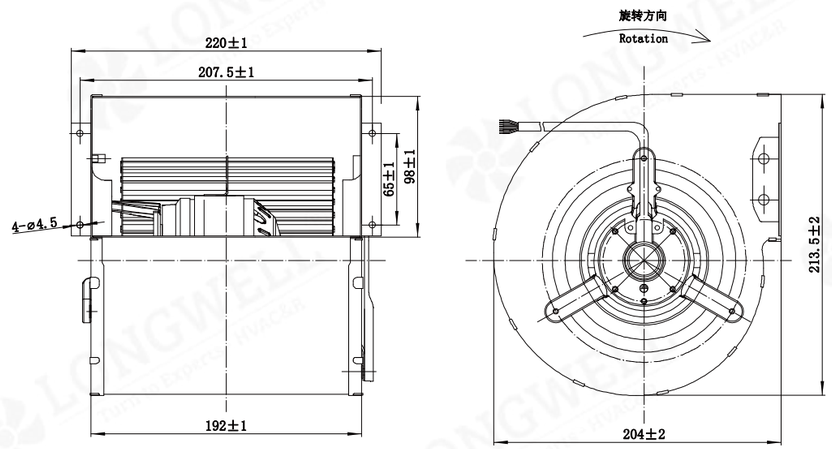
Product Characteristic

- Material : Metal
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

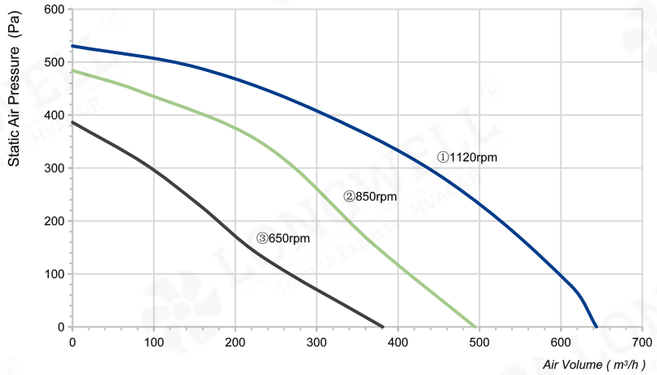
CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E146-092DS-07	230	50	105	0.43	1380	479	391	40	2.5uF	①
			75	0.35	1120	371	330	35	2.5uF	②
			58	0.3	880	283	227	29	2.5uF	③



LWFA-146 Serise





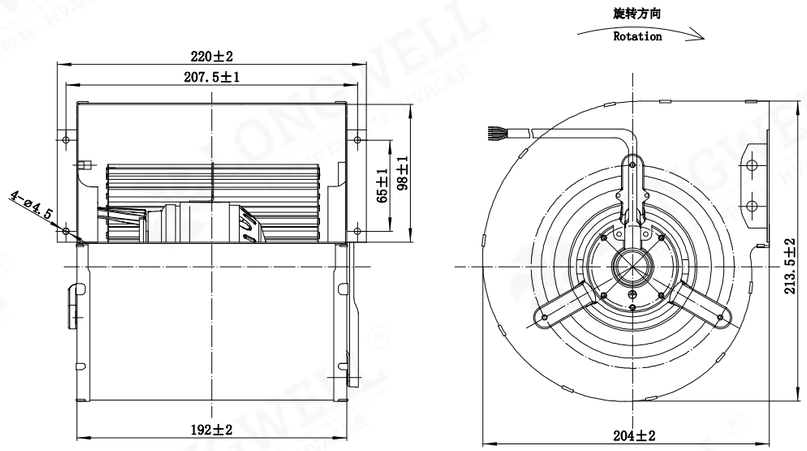
Product Characteristic

- Material : Metal
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

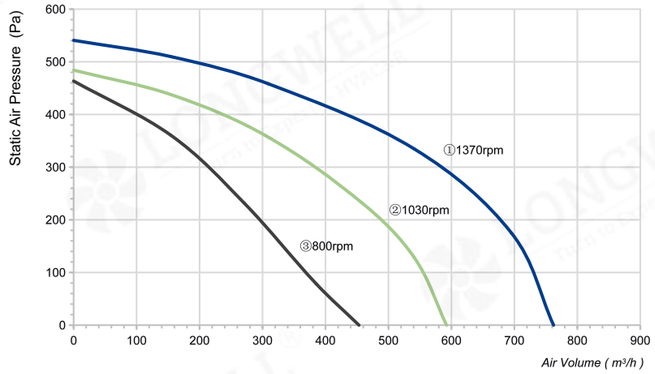
CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E146-092DS-08	230	50	250	1.15	1120	639	536	56	4uF	①
			205	0.94	850	494	484	49	4uF	②
			175	0.8	650	381	386	42	4uF	③



LWFA-146 Serise





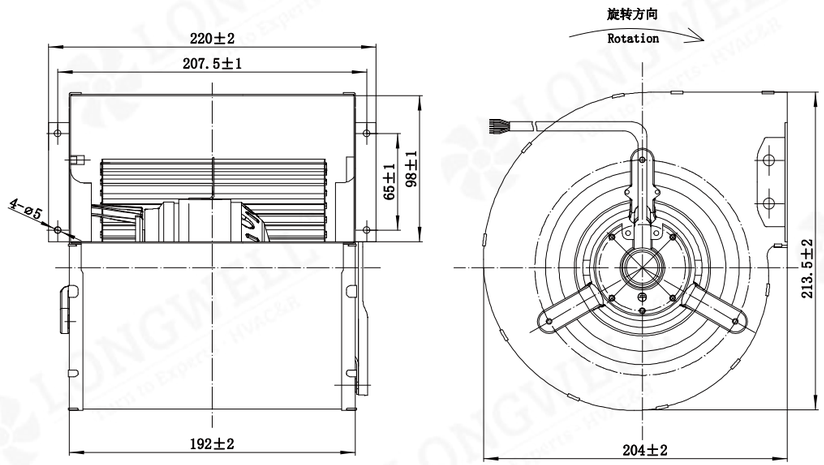
Product Characteristic

- Material : Metal
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

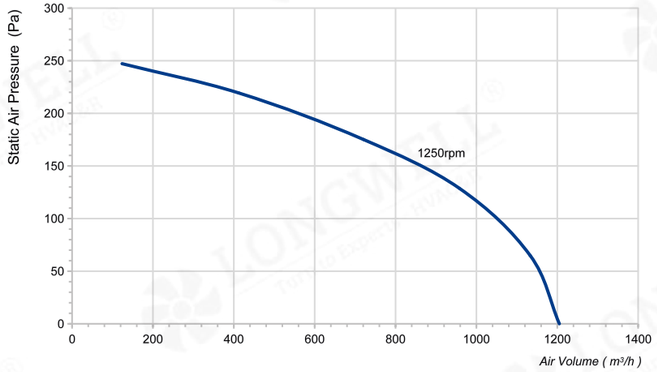
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E146-092DS-09	230	50	260	1.18	1370	762	541	60	6uF	①
			210	0.96	1030	592	484	53	6uF	②
			180	0.82	800	453	464	46	6uF	③



Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

LWFA-180 Serise





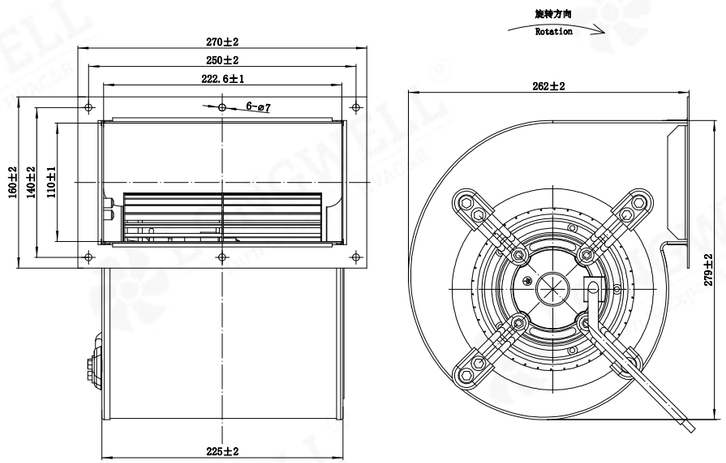
Product Characteristic

- Material : Metal
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

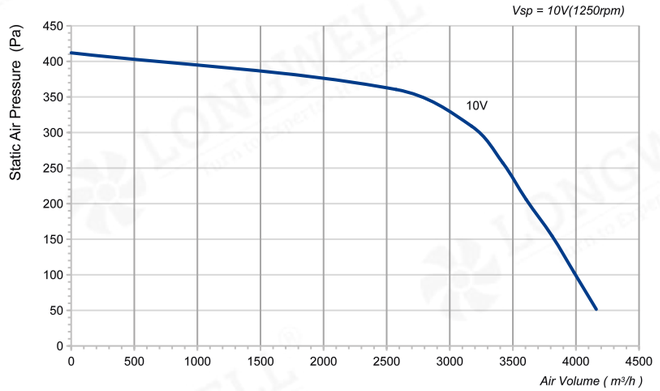
CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA4E180-092DS-01	230	50	200	0.92	1250	1205	247	63	4uF	/



LWFA-250 Serise





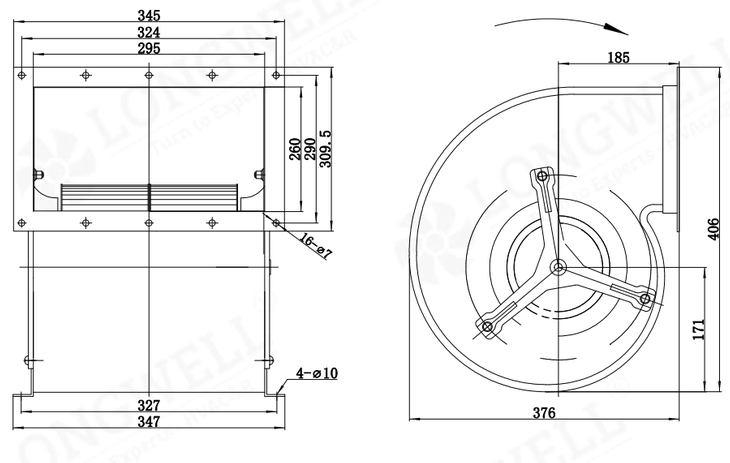
Product Characteristic

- Material : Metal
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

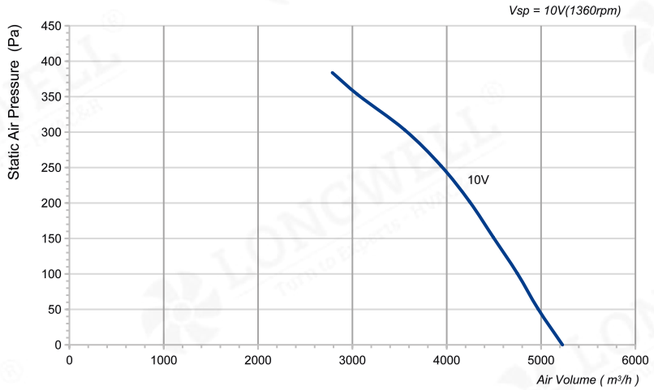
CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA4D250-102DS-04	380	50	1200	2.1	1250	4161	412	77	/	/



LWFA-250 Serise





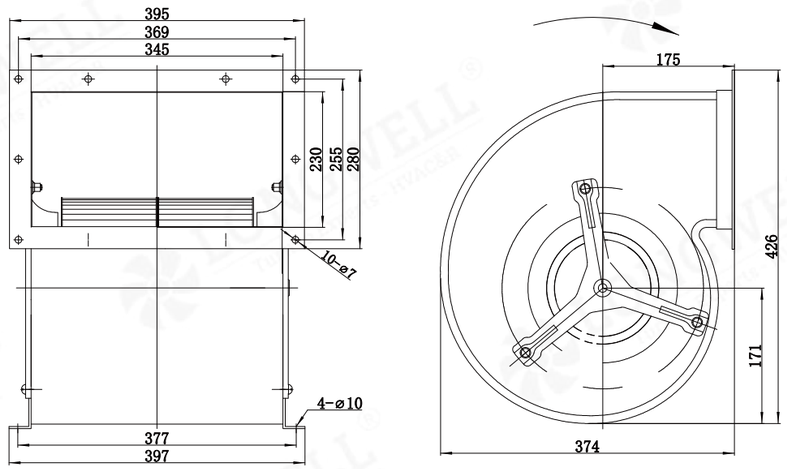
Product Characteristic

- Material : Metal
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

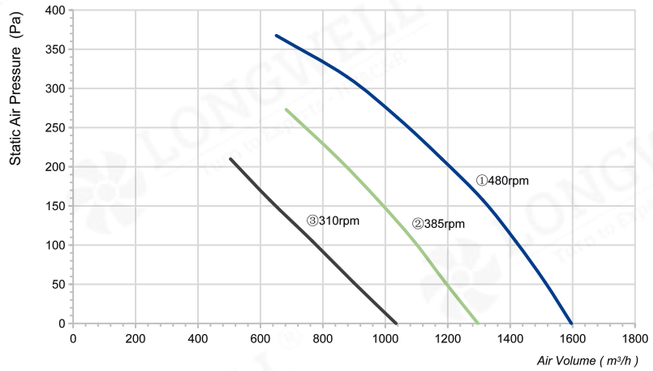
CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA4D250-102DS-05	380	50	1380	2.5	1360	5227	384	77	/	/



LWFA-300 Serise





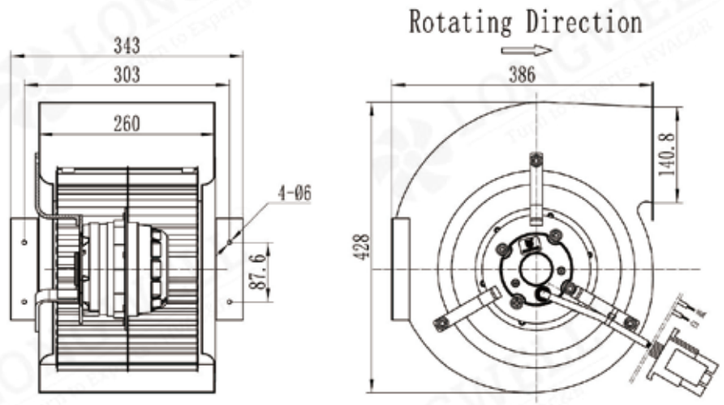
Product Characteristic

- Material : Metal
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

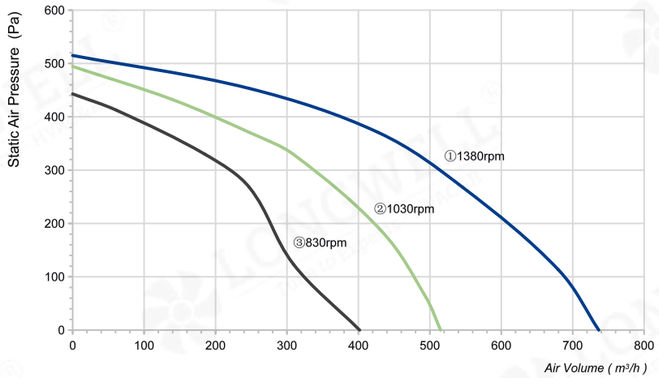
CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA6E300-138DS-01	230	50	386	1.68	480	1596	368	/	8uF	①
			298	1.3	385	1297	273	/	8uF	②
			259	1.13	310	1034	210	/	8uF	③



LWFA-146 Serise





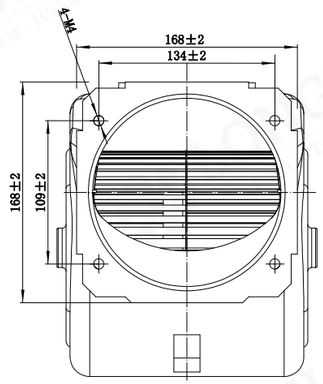
Product Characteristic

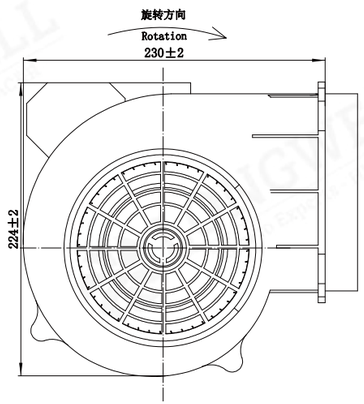
- Material : Plastic
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

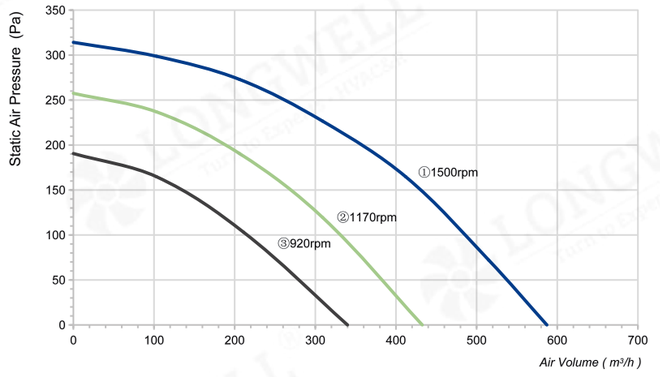
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E146-092DS-10	230	50	235	1.1	1380	736	515	57	4uF	①
			195	0.95	1030	515	494	48	4uF	②
			165	0.75	830	402	443	42	4uF	③





LWFA-146 Serise





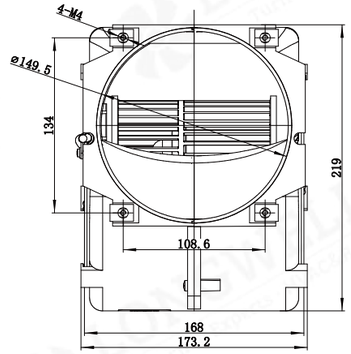
Product Characteristic

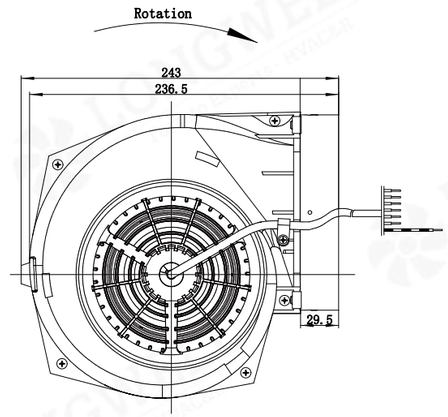
- Material : Plastic
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

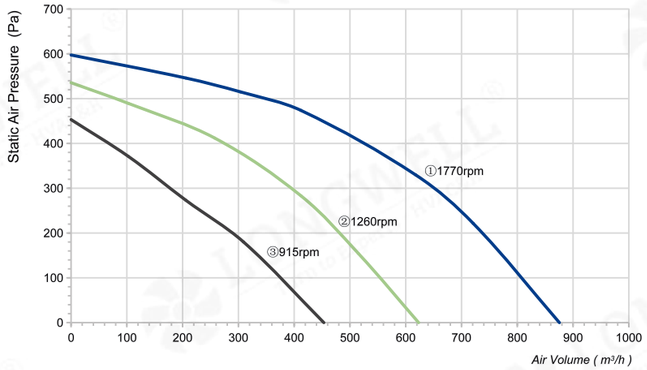
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E146-092DS-11	230	50	125	0.53	1500	587	314	61	4/450uF	①
			93	0.43	1170	433	258	58	4/450uF	②
			79	0.38	920	340	191	55	4/450uF	③





LWFA-146 Serise





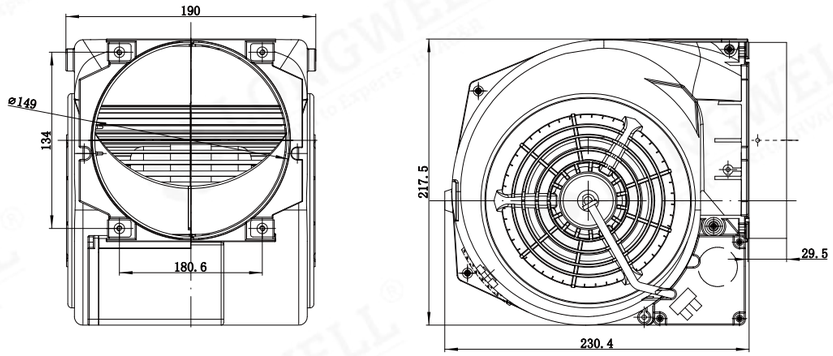
Product Characteristic

- Material : Plastic
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

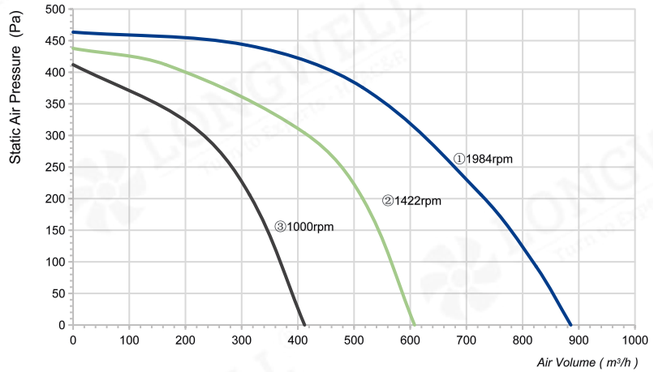
CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E146-092DS-12	220	60	288	1.36	1770	876	597	72	10uF	①
			213	1.09	1260	623	536	63	10uF	②
			180	0.96	915	453	453	55	10uF	③



LWFA-146 Serise





Product Characteristic

- Material : Plastic
- Insulation Class: F
- Bearing: Maintenance-free ball bearings
- Mode of Operation: S1
- Type of Protection: IP54
- Operation Temperature: -30℃～+60℃

CE RoHS ETL BSCI ISO EAC UL LVD

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Power (W)	Current (A)	Speed (RPM)	Air Flow (m³/h)	Air Pressure (Pa)	Noise [dB(A)]	Capacitor	Curve
LWFA2E146-092DS-13	230	50	298	1.3	1984	886	464	73	10uF	①
			207	0.94	1422	608	438	62	10uF	②
			178	0.82	1000	412	412	55	10uF	③

