Engineered for the Critical

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



LONGWELL®
Turn to Experts - HVAC&R

Ningbo Longwell Electric Technology Co., Ltd

Headquarter: NO.100, South of Xuxiang River, Yuyao, Zhejiang Province, China 315400
Tell: +86 574 6218 9863
Fax: +86 574 6218 9863
Phone: 0086 183 5827 4663
Web: www.longwellfans.com | www.longwell-group.com | www.longwell-media.com
Email: sales@zjlongwell.com

CE RoHS ETL BSCI ISO EAC UL LVD

LONGWELL®
Turn to Experts - HVAC&R

LONGWELL TECHNOLOGY

The Ventilation and Drive Technology Partner for Mission-Critical Environments





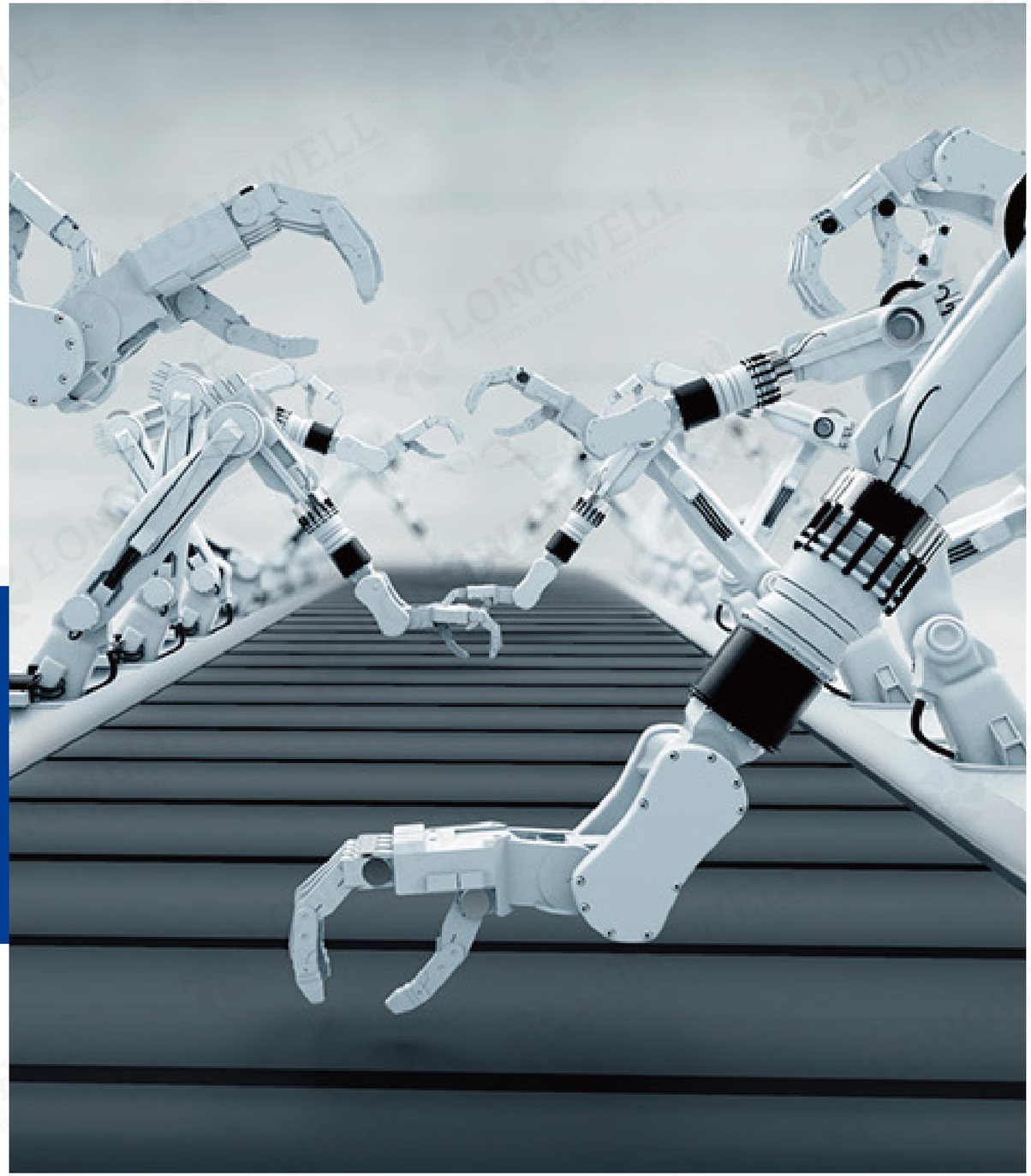


Professional Manufacturer of HVACR Fan & Motors

—— DC Cooling Fan

Longwell Group
Longwell-China
Longwell-USA
Longwell-Russia
Longwell-Europe

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CATALOGUE

01-02 About Longwell

03-04 Testing and Standards

05 Type Code

06-34 DC Cooling Fan

35-52 DC Blower

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About Longwell

The Ventilation and Drive Technology Partner for Mission-Critical Environments

OEM for Well-Known Brands | **Supplies Fortune 500 Companies** | **Global Technical Support**

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

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

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

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

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

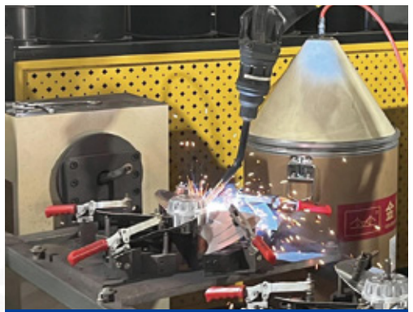
At LONGWELL, innovation is at the core of our operations, driving continuous improvement. With our extensive experience and expertise, we can quickly customize solutions that meet customer needs. We emphasize technological sophistication, utilizing advanced technologies and high-performance materials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

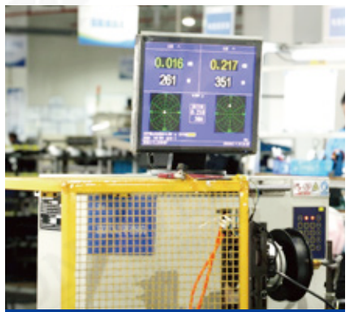
LONGWELL looks forward to collaborating with you and providing high-quality customized fan and motor solutions. Please feel free to contact us as we work together to create a brighter future.

193	40000㎡	500+	1Million+PCS	6	50+
Staff	Floor Space	Branding Clients	Annual Outputs	Overseas Offices on Spot Support	Members R&D Team


B&K Noise Testing Lab


Production Line


Automatic Welding

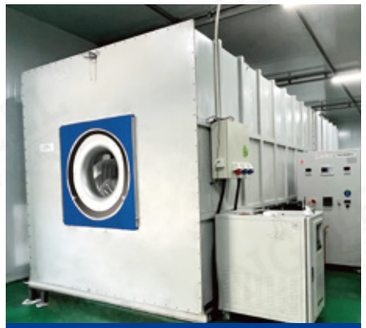


Balance Machine


Automatic Welding Machine


Production Line - Centrifugal Fan


Automatic CNC Machine


Air Dynamic Test Lab


Production Line - Axial Fans


Production Line

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Testing and Standards

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







Enterprise Credit Evaluation Certificate - Hightest Level in China

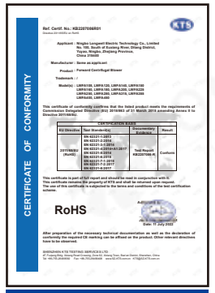

Own-Brand


Own-Brand


ETL


ETL

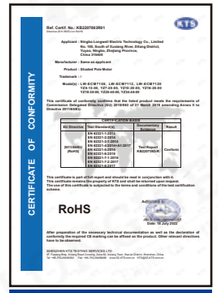

CE


RoHS

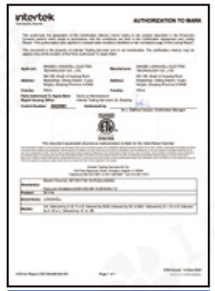

CE


CE


CE


RoHS


ETL


ETL


ETL


CE


CE


ISO 9001


ISO 9001


RoHS


RoHS


RoHS


RoHS


RoHS


CE


CE


CE

Type Code

LW A D 2010 K H - 02

- 02 — Series Number
- H — X-Extra High H-High M-Middle L-Low D-Extra Low
- K — T-400V S-230V U-115V K-5V L-12V M-24V H-48V
- 2010 — Frame or Impeller Size Code
- D — A-AC D-DC E-EC
- A — A-Axial Fan F-Forward blower
- LW — Longwell

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DC Cooling Fan

Professional HVAC Fan &Motors Manufacturer



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LWAD2010 Serise

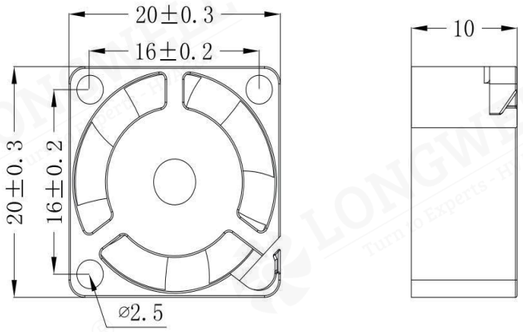
Product Characteristic

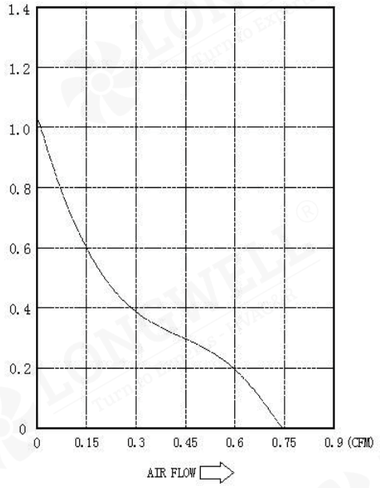
- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings



Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD2010KL-04	5	0.04	0.20	7000	0.75	1.06	20.00
LWAD2010LL-04	12	0.02	0.24	7000	0.75	1.06	20.00
LWAD2010KL-05	5	0.06	0.30	10000	1.05	2.16	20.80
LWAD2010LL-05	12	0.03	0.36	10000	1.05	2.16	20.80
LWAD2010KM-06	5	0.08	0.40	12000	1.14	2.65	21.30
LWAD2010LM-06	12	0.05	0.60	12000	1.14	2.65	21.30





LWAD2507 Serise

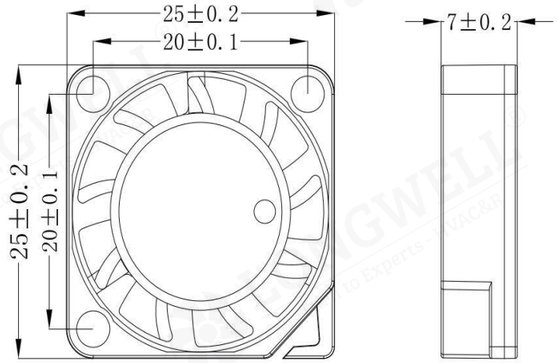
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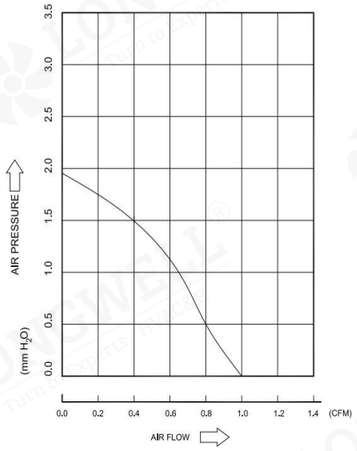
- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings



Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD2507KL-05	5	0.15	0.75	6000	1.30	1.10	20.50
LWAD2507KM-06	5	0.31	1.55	14000	2.98	5.87	33.80
LWAD2507KM-07	5	0.36	1.80	16000	3.40	7.67	36.80





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LWAD2510 Serise

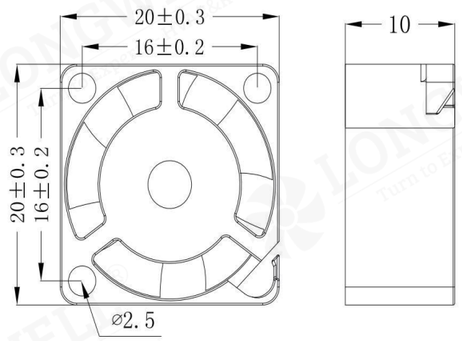
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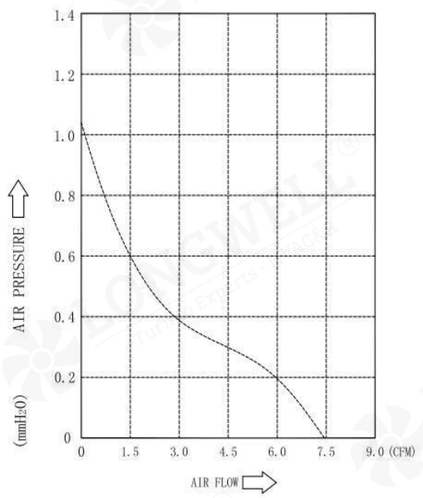
- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings



Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD2510KL-10	5	0.09	0.45	7000	1.21	2.18	19.60
LWAD2510LL-11	12	0.03	0.36	7000	1.21	2.18	
LWAD2510KM-11	5	0.13	0.65	10000	1.99	4.48	22.80
LWAD2510LM-12	12	0.05	0.60	10000	1.99	4.48	
LWAD2510KH-12	5	0.17	0.85	12000	2.38	7.37	25.20
LWAD2510LH-13	12	0.08	0.96	12000	2.38	7.37	
LWAD2510KX-13	5	0.23	1.15	15000	2.98	7.98	28.90
LWAD2510LX-14	12	0.12	1.44	15000	2.98	7.98	





LWAD3010 Serise

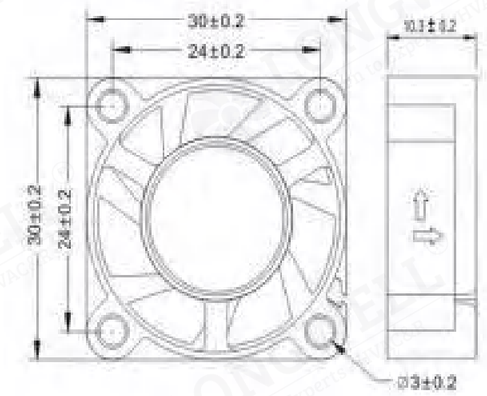
Product Characteristic

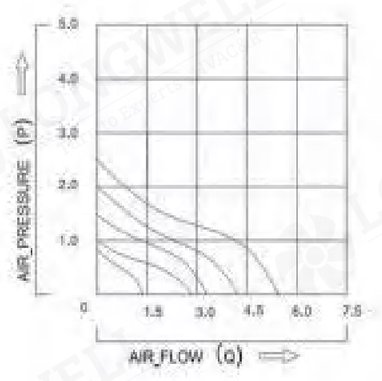
- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings



Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD3010KL-11	5	0.07	0.35	5000	1.36	0.95	19.00
LWAD3010LL-12	12	0.06	0.72	5000	1.36	0.95	19.00
LWAD3010KM-12	5	0.08	0.40	6500	2.37	1.10	21.50
LWAD3010LM-13	12	0.07	0.84	6500	2.37	1.10	21.50
LWAD3010KH-13	5	0.20	1.00	8000	3.15	1.55	23.40
LWAD3010LH-14	12	0.09	1.08	8000	3.15	1.55	23.40
LWAD3010KX-14	5	0.17	0.85	10000	3.95	1.93	25.50
LWAD3010LX-15	12	0.10	1.20	10000	3.95	1.93	25.50
LWAD3010KX-15	5	0.22	1.10	13000	5.56	2.51	26.90
LWAD3010LX-16	12	0.12	1.44	13000	5.56	2.51	26.90





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LWAD4010 Serise

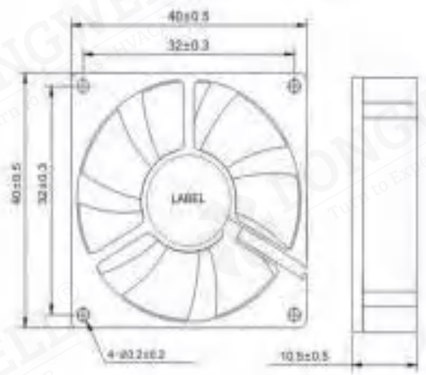


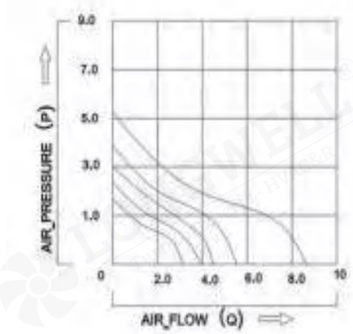
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD4010KL-10	5	0.10	0.50	4500	3.88	2.00	25.00
LWAD4010LL-10	12	0.05	0.60	4500	3.88	2.00	25.00
LWAD4010KM-11	5	0.15	0.75	5500	4.60	3.22	28.00
LWAD4010LM-11	12	0.07	0.84	5500	4.60	3.22	28.00
LWAD4010MM-09	24	0.03	0.72	5500	4.60	3.22	28.00
LWAD4010KH-12	5	0.20	1.00	6600	5.72	4.72	35.00
LWAD4010LH-12	12	0.09	1.08	6600	5.72	4.72	35.00
LWAD4010KH-13	5	0.20	1.00	7000	3.50	5.00	36.50
LWAD4010LX-11	12	0.16	1.92	8000	9.23	5.56	38.40
LWAD4010MX-10	24	0.80	1.92	8000	9.23	5.56	38.40





LWAD4028 Serise

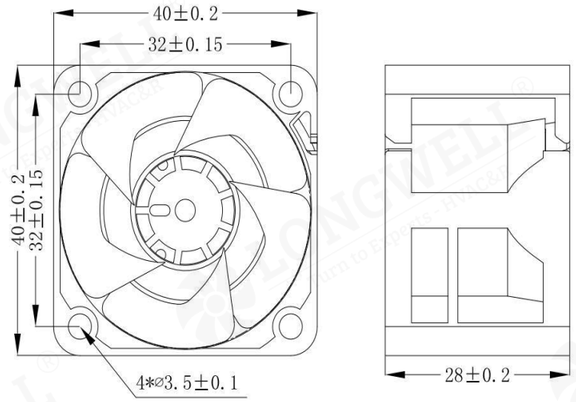


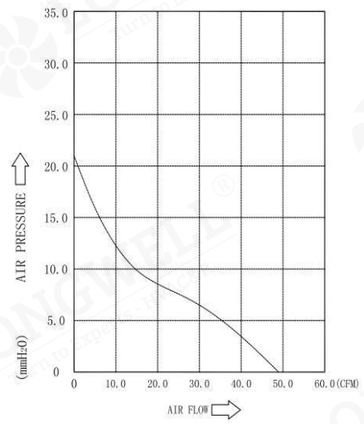
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD4028LX-10	12	0.46	5.52	18000	20.93	48.41	58.00
LWAD4028MX-10	24	0.24	5.76	18000	20.93	48.41	58.00
LWAD4028LX-11	12	1.50	18.00	24000	27.66	73.00	62.00





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LWAD5010 Serise

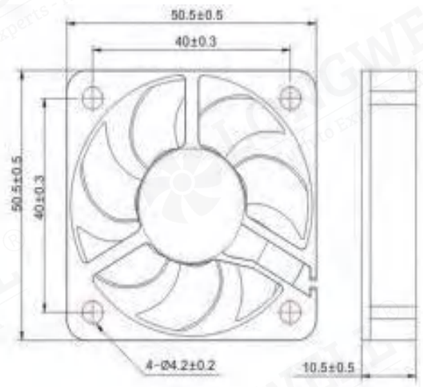


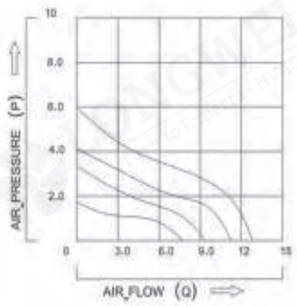
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD5010KL-10	5	0.16	0.80	3500	7.42	1.75	24.50
LWAD5010LL-11	12	0.06	0.72	3500	7.42	1.75	24.50
LWAD5010ML-11	24	0.04	0.96	3500	7.42	1.75	24.50
LWAD5010KM-11	5	0.19	0.95	4500	9.51	2.87	28.50
LWAD5010LM-12	12	0.08	0.95	4500	9.51	2.87	28.50
LWAD5010MM-12	24	0.05	1.20	4500	9.51	2.87	28.50
LWAD5010KH-12	5	0.21	1.05	5500	11.20	4.21	32.50
LWAD5010LH-13	12	0.09	1.08	5500	11.20	4.21	32.50
LWAD5010MH-13	24	0.08	1.92	5500	11.20	4.21	32.50
LWAD5010KX-13	5	0.25	1.25	6500	13.50	5.80	37.50
LWAD5010LX-14	12	0.12	1.44	6500	13.50	5.80	37.50
LWAD5010MX-14	24	0.10	2.40	6500	13.50	5.80	37.50





LWAD6010 Serise

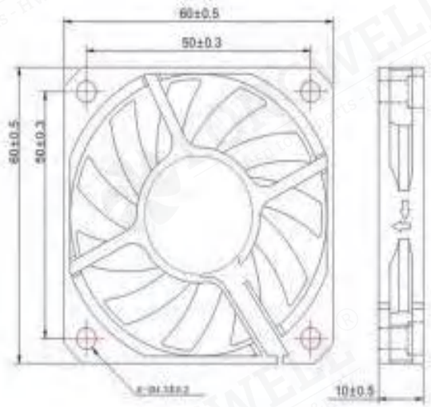


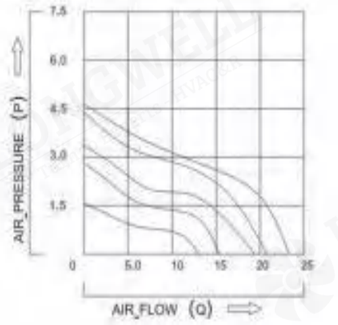
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD6010KL-09	5	0.20	1.00	3000	13.42	1.65	24.50
LWAD6010LL-10	12	0.12	1.44	3000	13.42	1.65	24.50
LWAD6010KM-10	5	0.22	1.10	3600	15.54	2.40	29.00
LWAD6010LM-11	12	0.16	1.92	3600	15.54	2.40	29.00
LWAD6010KH-11	5	0.25	1.25	4200	18.01	3.35	33.00
LWAD6010LH-12	12	0.20	2.40	4200	18.01	3.35	33.00
LWAD6010LX-13	12	0.22	2.64	4800	21.19	4.30	36.50
LWAD6010LX-14	12	0.25	3.00	5300	23.30	4.57	38.00





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LWAD6025 Serise

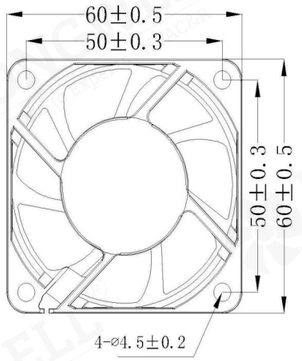


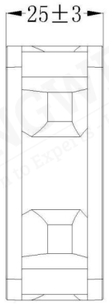
Product Characteristic

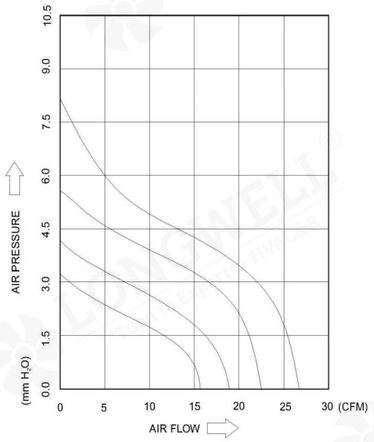
- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD6025LM-12	12	0.08	0.96	3600	16.87	3.02	30.41
LWAD6025MM-11	24	0.06	1.44	3600	16.87	3.02	30.41
LWAD6025LH-13	12	0.13	1.56	4500	21.10	4.72	35.30
LWAD6025MH-12	24	0.09	2.16	4500	21.10	4.72	35.30
LWAD6025LX-14	12	0.18	2.16	5000	23.43	5.83	37.50
LWAD6025MX-13	24	0.09	2.16	5000	23.43	5.83	37.50
LWAD6025LX-15	12	0.30	3.60	6000	28.12	8.40	41.50
LWAD6025MX-14	24	0.20	4.80	6000	28.12	8.40	41.50







LWAD6038 Serise

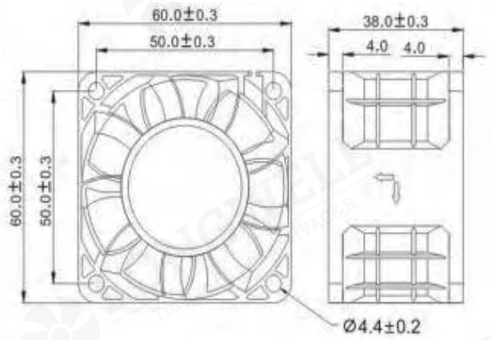


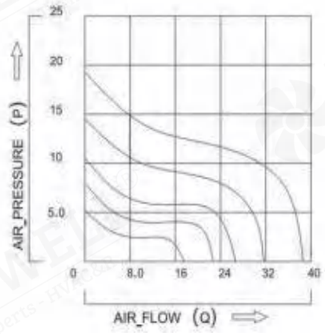
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD6038LL-10	12	0.10	1.20	4000	17.15	5.41	30.15
LWAD6038ML-11	24	0.06	1.44	4000	17.15	5.41	30.15
LWAD6038LM-11	12	0.15	1.80	5000	21.55	7.26	34.25
LWAD6038MM-12	24	0.07	1.68	5000	21.55	7.26	34.25
LWAD6038HM-11	48	0.05	2.40	5000	21.55	7.26	34.25
LWAD6038LH-12	12	0.21	2.52	6000	26.18	11.23	38.60
LWAD6038MH-13	24	0.13	3.12	6000	26.18	11.23	38.60
LWAD6038HH-12	48	0.09	4.32	6000	26.18	11.23	38.60
LWAD6038LX-13	12	0.30	3.60	7000	31.01	14.12	40.12
LWAD6038MX-14	24	0.20	4.80	7000	31.01	14.12	40.12
LWAD6038HX-13	48	0.12	5.76	7000	31.01	14.12	40.12
LWAD6038LX-14	12	0.58	6.96	8200	38.00	19.60	45.20
LWAD6038MX-15	24	0.32	7.68	8200	38.00	19.60	45.20
LWAD6038HX-14	48	0.14	6.72	8200	38.00	19.60	45.20





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LWAD8010/8015 Serise

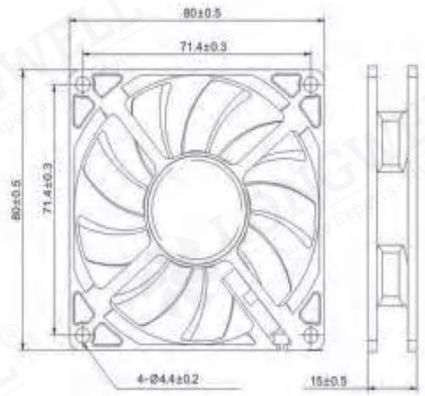
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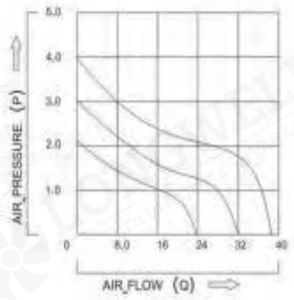


- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD8010KL-06	5	0.24	1.20	2500	22.15	2.20	27.50
LWAD8010LL-06	12	0.15	1.80	2500	22.15	2.20	27.50
LWAD8010ML-06	24	0.08	1.92	2500	22.15	2.20	27.50
LWAD8015LH-10	12	0.20	2.40	3000	30.42	3.40	32.50
LWAD8015MH-09	24	0.13	3.12	3000	30.42	3.40	32.50
LWAD8015LX-11	12	0.25	3.00	3500	37.60	3.95	36.50
LWAD8015MX-10	24	0.16	3.84	3500	37.60	3.95	36.50
LWAD8015LX-12	12	0.38	4.56	5000	44.20	8.10	53.71
LWAD8015MX-11	24	0.19	4.56	5000	44.50	8.10	53.71





LWAD8020 Serise

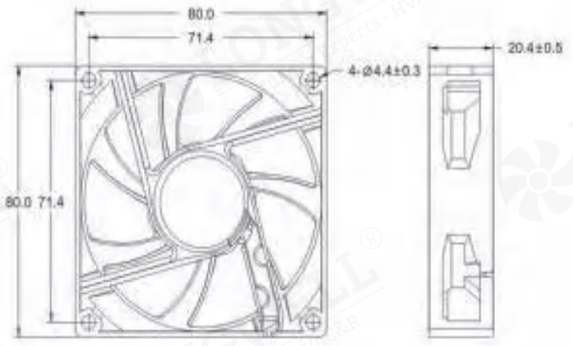
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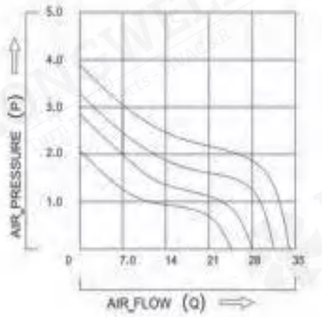


- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD8020XL-01	5	0.24	1.20	2500	24.70	2.20	27.50
LWAD8020LL-10	12	0.15	1.80	2500	24.70	2.20	27.50
LWAD8020ML-10	24	0.08	1.92	2500	24.70	2.20	27.50
LWAD8020XM-02	5	0.33	1.65	2700	28.30	2.71	30.50
LWAD8020LM-11	12	0.18	2.16	2700	28.30	2.71	30.50
LWAD8020MM-11	24	0.11	2.64	2700	28.30	2.71	30.50
LWAD8020LH-12	12	0.20	2.40	3000	32.50	3.40	32.50
LWAD8020MH-12	24	0.13	3.12	3000	32.50	3.40	32.50
LWAD8020LX-13	12	0.25	3.00	3300	34.67	3.95	36.50
LWAD8020MX-13	24	0.16	3.84	3300	34.67	3.95	36.50





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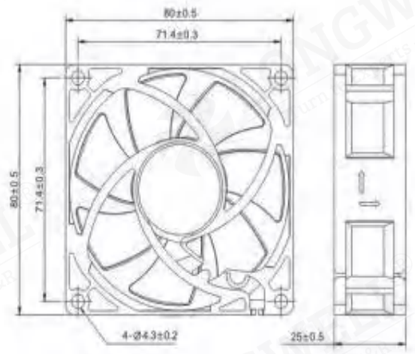


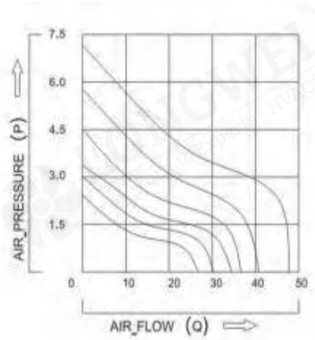
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD8025XL-01	5	0.25	1.25	2500	29.00	2.81	26.00
LWAD8025LL-25	12	0.10	1.20	2500	29.00	2.81	26.00
LWAD8025ML-27	24	0.06	1.44	2500	29.00	2.81	26.00
LWAD8025XM-02	5	0.33	1.65	2700	31.43	3.28	28.00
LWAD8025LM-26	12	0.12	1.44	2700	31.43	3.28	28.00
LWAD8025MM-28	24	0.06	1.44	2700	31.43	3.28	28.00
LWAD8025XH-03	5	0.43	2.15	3000	35.31	4.04	31.00
LWAD8025LH-27	12	0.16	1.92	3000	35.31	4.04	31.00
LWAD8025MH-29	24	0.07	1.68	3000	35.31	4.04	31.00
LWAD8025LX-28	12	0.20	2.40	3250	37.43	4.59	34.00
LWAD8025MX-30	24	0.09	2.16	3250	37.43	4.59	34.00
LWAD8025LX-29	12	0.26	3.12	3600	42.02	5.51	38.00
LWAD8025MX-31	24	0.14	3.36	3600	42.02	5.51	38.00





LWAD8025 Serise

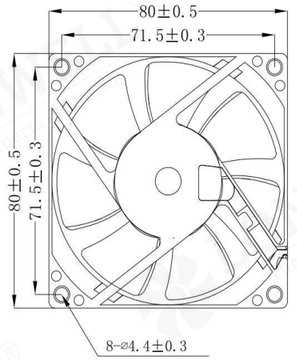


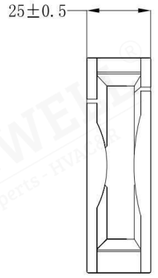
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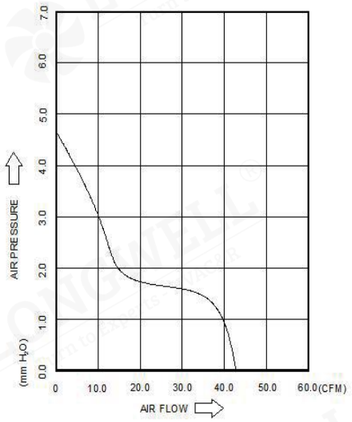
- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD8025LX-30	12	0.12	1.44	3300	41.20	4.82	37.50
LWAD8025MX-32	24	0.06	1.44	3300	41.20	4.82	37.50
LWAD8025LX-31	12	0.15	1.80	3500	43.40	5.23	40.50
LWAD8025MX-33	24	0.075	1.80	3500	43.40	5.23	40.50







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LWAD8038 Serise

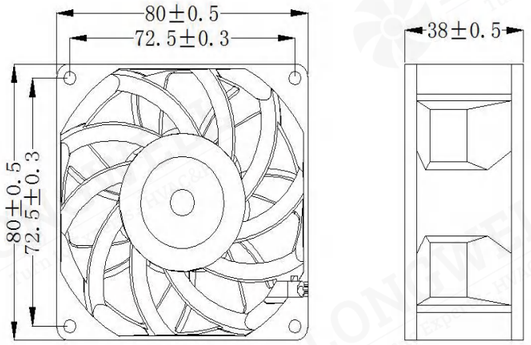


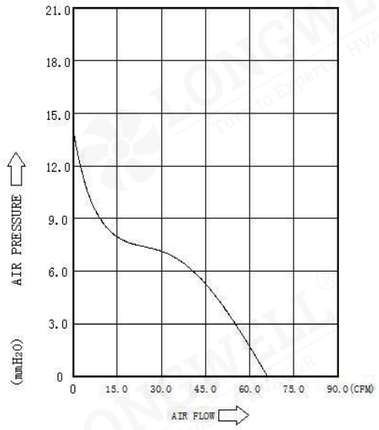
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD8038LL-17	12	0.36	4.32	3600	46.27	6.76	48.50
LWAD8038ML-17	24	0.18	4.32	3600	46.27	6.76	48.50
LWAD8038LH-18	12	0.53	6.36	5200	66.84	14.10	56.50
LWAD8038MH-18	24	0.27	6.48	5200	66.84	14.10	56.50





LWAD9215 Serise

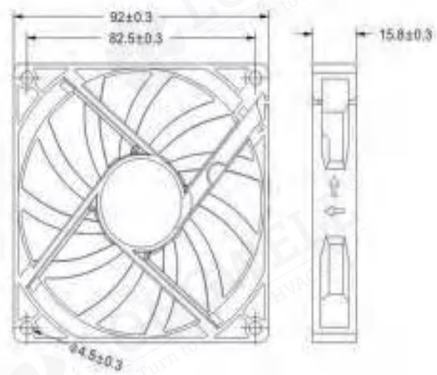


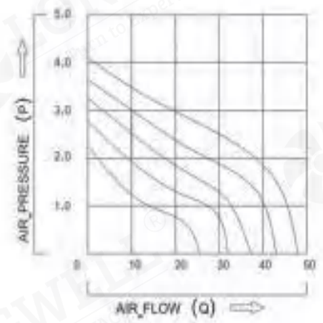
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD9215XL-01	5	0.30	1.50	2100	27.60	2.39	24.12
LWAD9215LL-01	12	0.15	1.80	2100	27.60	2.39	24.12
LWAD9215ML-01	24	0.08	1.92	2100	27.60	2.39	24.12
LWAD9215XM-02	5	0.40	2.00	2450	32.20	2.78	30.00
LWAD9215LM-02	12	0.20	2.40	2450	32.20	2.78	30.00
LWAD9215MM-02	24	0.10	2.40	2450	32.20	2.78	30.00
LWAD9215LH-03	12	0.25	3.00	2850	37.45	3.24	34.00
LWAD9215MH-03	24	0.13	3.12	2850	37.45	3.24	34.00
LWAD9215LX-04	12	0.30	3.60	3200	42.05	3.64	38.00
LWAD9215MX-04	24	0.17	4.08	3200	42.05	3.64	38.00
LWAD9215LX-05	12	0.40	4.80	3800	49.90	4.32	45.00
LWAD9215MX-05	24	0.22	5.28	3800	49.90	4.32	45.00





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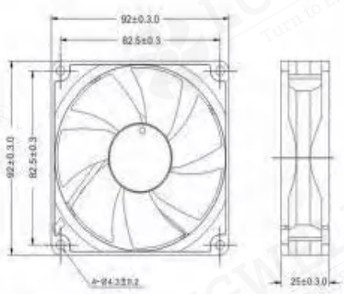
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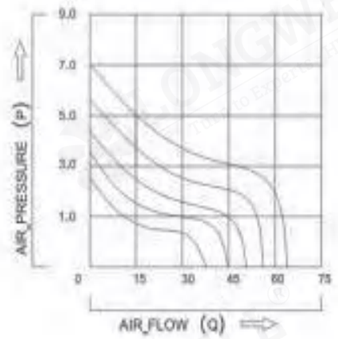
- Frame: Plastic(UL94)
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- Bearing Type: Sleeve Bearing (EBI)
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Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD9225XL-01	5	0.16	0.80	2100	37.08	2.53	25.00
LWAD9225LL-22	12	0.07	0.84	2100	37.08	2.53	25.00
LWAD9225ML-20	24	0.06	1.44	2100	37.08	2.53	25.00
LWAD9225XM-02	5	0.26	1.30	2450	43.79	3.25	30.00
LWAD9225LM-23	12	0.11	1.32	2450	43.79	3.25	30.00
LWAD9225MM-21	24	0.08	1.92	2450	43.79	3.25	30.00
LWAD9225LH-24	12	0.16	1.92	2850	51.21	4.50	34.00
LWAD9225MH-22	24	0.10	2.40	2850	51.21	4.50	34.00
LWAD9225HH-19	48	0.06	2.88	2850	51.21	4.50	34.00
LWAD9225LX-25	12	0.25	3.00	3200	57.92	5.62	38.00
LWAD9225MX-23	24	0.13	3.12	3200	57.92	5.62	38.00
LWAD9225HX-20	48	0.09	4.32	3200	57.92	5.62	38.00
LWAD9225LX-26	12	0.40	4.80	3850	67.80	7.67	45.00
LWAD9225MX-24	24	0.22	5.28	3850	67.80	7.67	45.00
LWAD9225HX-21	48	0.12	5.76	3850	67.80	7.67	45.00





LWAD9225 Serise

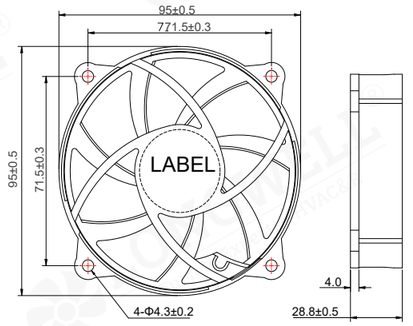
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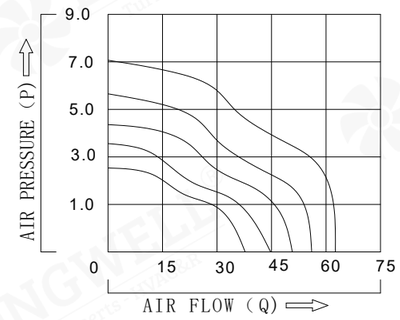
- Frame: Plastic(UL94)
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- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings



Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD9225XL-03	5	0.16	0.80	2100	37.08	2.53	25.00
LWAD9225LL-27	12	0.07	0.84	2100	37.08	2.53	25.00
LWAD9225ML-25	24	0.06	1.44	2100	37.08	2.53	25.00
LWAD9225XM-04	5	0.26	1.30	2450	43.79	3.25	30.00
LWAD9225LM-28	12	0.11	1.32	2450	43.79	3.25	30.00
LWAD9225MM-26	24	0.08	1.92	2450	43.79	3.25	30.00
LWAD9225LH-29	12	0.16	1.92	2850	51.21	4.50	34.00
LWAD9225MH-27	24	0.16	2.40	2850	51.21	4.50	34.00
LWAD9225HH-22	48	0.06	2.88	2850	51.21	4.50	34.00
LWAD9225LX-30	12	0.25	3.00	3200	57.92	5.62	38.00
LWAD9225MX-28	24	0.13	3.12	3200	57.92	5.62	38.00
LWAD9225HX-23	48	0.09	4.32	3200	57.92	5.62	38.00
LWAD9225LX-31	12	0.40	4.80	3850	67.80	7.67	45.00
LWAD9225MX-29	24	0.22	5.28	3850	67.80	7.67	45.00
LWAD9225HX-24	48	0.12	5.76	3850	67.80	7.67	45.00





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LWAD9238 Serise

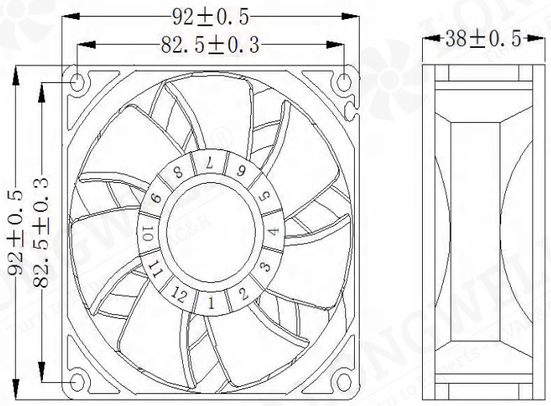


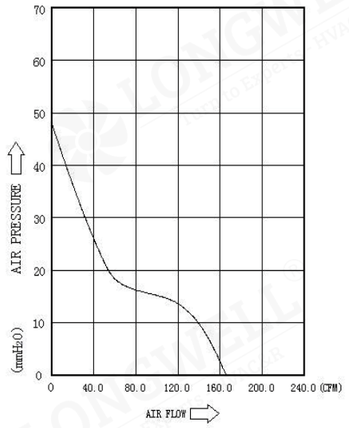
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD9238LX-18	12	2.00	24.00	7000	147.00	39.50	65.00
LWAD9238MX-17	24	1.00	24.00	7000	147.00	39.50	65.00
LWAD9238LX-19	12	4.00	48.00	8000	168.00	51.50	69.00
LWAD9238MX-18	24	2.00	48.00	8000	168.00	51.50	69.00





LWAD12025 Serise

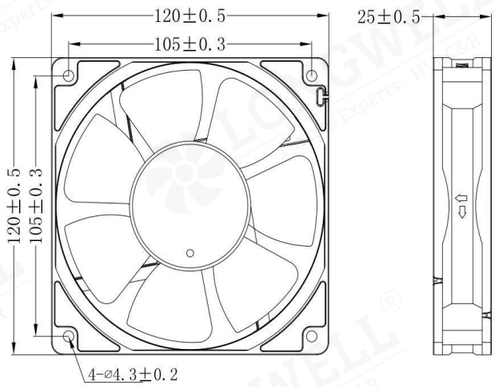


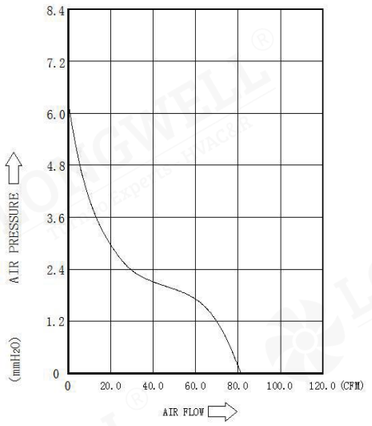
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD12025LL-18	12	0.20	2.40	2000	50.30	2.83	38.00
LWAD12025ML-18	24	0.10	2.40	2000	50.30	2.83	38.00
LWAD12025LL-19	12	0.30	3.60	2800	76.74	5.08	45.30
LWAD12025MH-19	24	0.15	3.60	2800	76.74	5.08	45.30
LWAD12025LX-20	12	0.19	2.28	3100	84.96	6.23	47.50
LWAD12025MH-20	24	0.10	2.40	3100	84.96	6.23	47.50
LWAD12025LX-21	12	0.80	9.60	5000	137.00	16.20	57.00
LWAD120254MH-21	24	0.40	9.60	5000	137.00	16.20	57.00





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LWAD12038 Serise

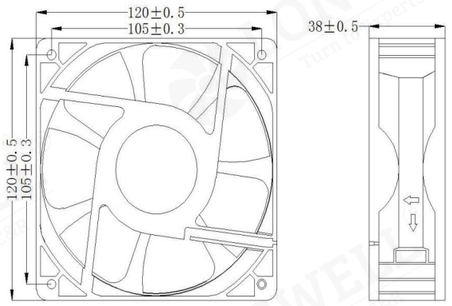
Product Characteristic

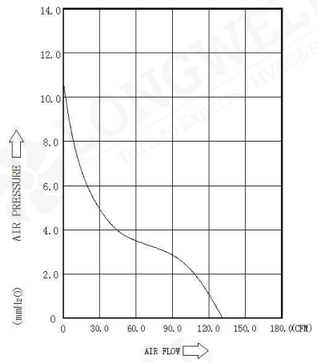
- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings



Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD12038LL-25	12	0.30	3.60	2000	84.76	4.56	32.50
LWAD12038ML-26	24	0.15	3.60	2000	84.76	4.56	32.50
LWAD12038HL-25	48	0.08	3.84	2000	84.76	4.56	32.50
LWAD12038LM-26	12	0.40	4.80	2300	95.00	6.00	35.50
LWAD12038MM-27	24	0.18	4.32	2300	95.00	6.00	35.50
LWAD12038HM-26	48	0.10	4.80	2300	95.00	6.00	35.50
LWAD12038LH-27	12	0.70	8.40	2500	102.00	7.10	37.30
LWAD12038MH-28	24	0.30	7.20	2500	102.00	7.10	37.30
LWAD12038HH-27	48	0.18	8.64	2500	102.00	7.10	37.30
LWAD12038LX-28	12	0.90	10.80	2900	120.07	9.00	41.50
LWAD12038MX-29	24	0.40	9.60	2900	120.07	9.00	41.50
LWAD12038HX-28	48	0.25	12.00	2900	120.07	9.00	41.50
LWAD12038MX-30	24	1.20	28.80	4000	166.50	12.40	56.40
LWAD12038HX-29	48	0.70	33.60	4000	166.50	12.40	56.40





LWAD12038 Serise

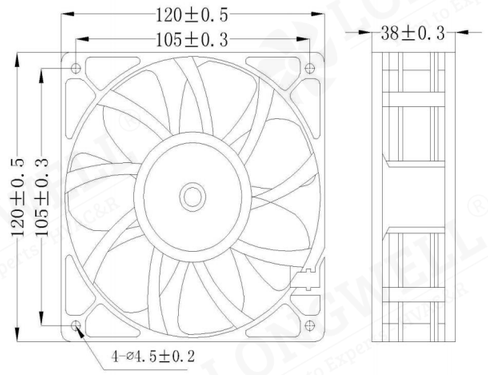
Product Characteristic

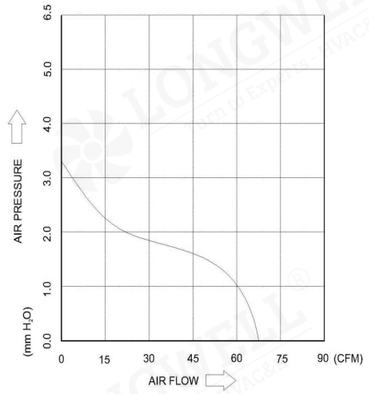
- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings



Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD12038LH-29	12	0.08	0.96	2100	68.50	3.20	42.50





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LWAD14025 Serise

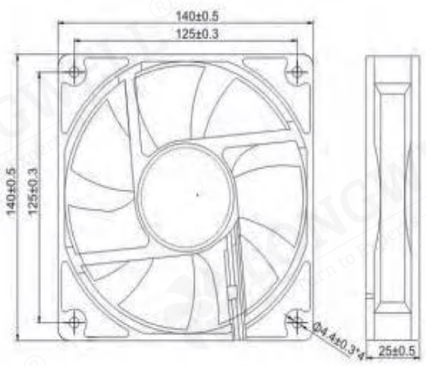


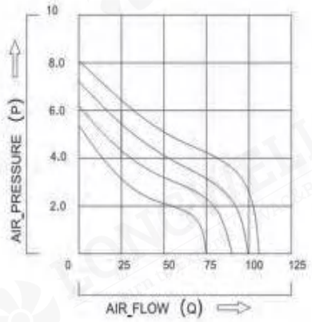
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD14025LL-01	12	0.18	2.16	1850	74.50	5.75	33.40
LWAD14025ML-01	24	0.10	2.40	1850	74.50	5.75	33.40
LWAD14025LM-02	12	0.20	2.40	2200	86.82	6.82	36.86
LWAD14025MM-02	24	0.12	2.88	2200	86.82	6.82	36.86
LWAD14025LH-03	12	0.23	2.76	2500	98.66	7.75	40.25
LWAD14025MH-03	24	0.14	3.36	2500	98.66	7.75	40.25
LWAD14025LX-04	12	0.33	3.96	2800	110.50	8.68	45.90
LWAD14025MX-04	24	0.18	4.32	2800	110.50	8.68	45.90





LWAD20020 Serise

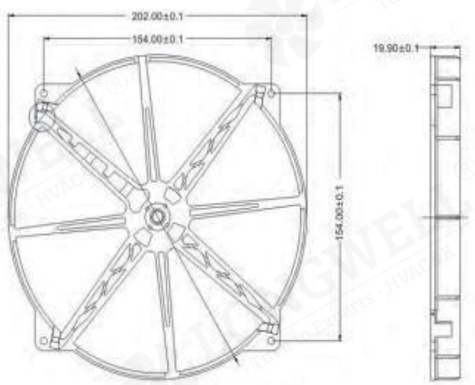


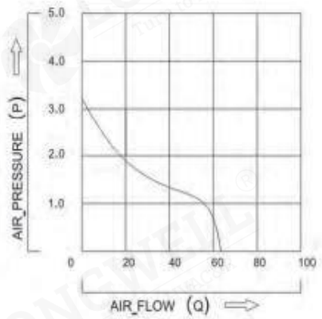
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD20020XL-01	5	0.30	1.50	600	62.30	3.20	25.40
LWAD20020LL-01	12	0.15	1.80	600	62.30	3.20	25.40





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LWAD17251 Serise

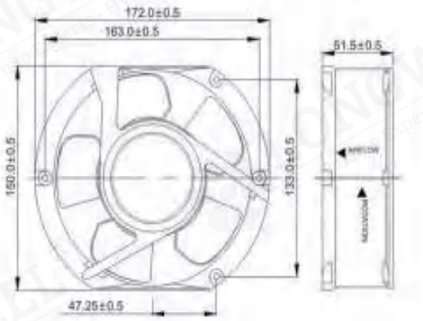


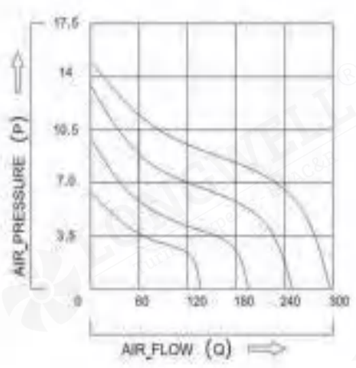
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD17251LL-14	12	0.65	7.80	2000	132.50	6.90	45.00
LWAD17251ML-19	24	0.30	7.20	2000	132.50	6.90	45.00
LWAD17251HL-19	48	0.18	8.64	2000	132.50	6.90	45.00
LWAD17251LM-15	12	1.50	18.00	3000	198.20	10.35	57.00
LWAD17251MM-20	24	0.70	16.80	3000	198.20	10.35	57.00
LWAD17251HM-20	48	0.35	16.80	3000	198.20	10.35	57.00
LWAD17251LH-16	12	2.80	33.60	3800	251.80	13.11	64.00
LWAD17251MH-21	24	1.30	31.20	3800	251.80	13.11	64.00
LWAD17251HH-21	48	0.65	31.20	3800	251.80	13.11	64.00
LWAD17251LX-17	12	3.80	45.60	4500	298.30	15.52	72.00
LWAD17251MX-22	24	1.90	45.60	4500	298.30	15.52	72.00
LWAD17251HX-22	48	0.95	45.60	4500	298.30	15.52	72.00





LWAD17251 Serise

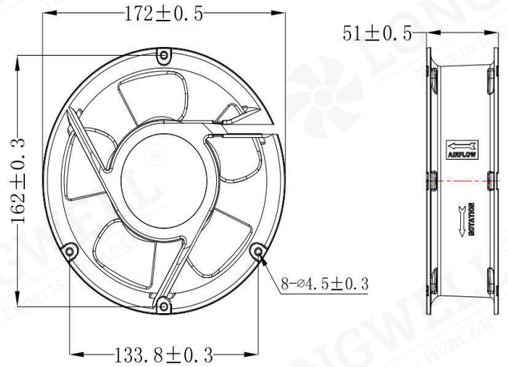


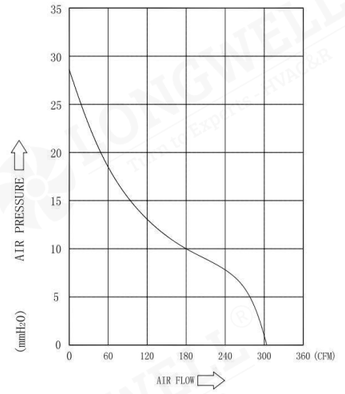
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD17251HH-23	48	0.64	30.72	4000	305.29	28.92	67.00





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LWAD20060 Serise

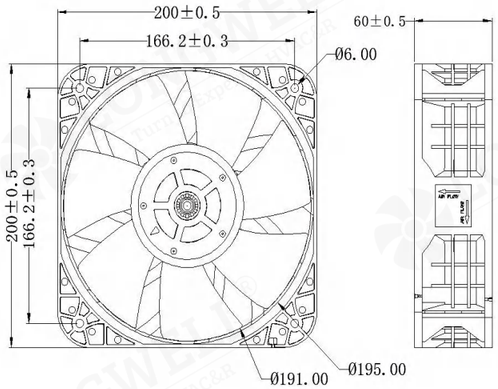


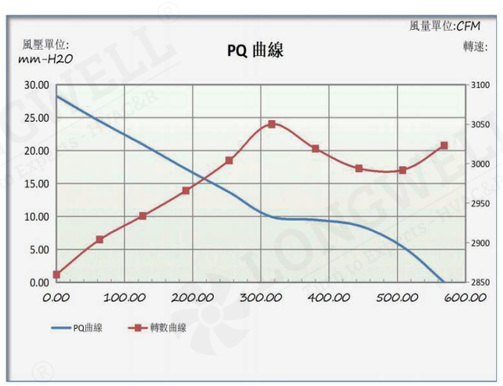
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD20060MH-08	24	3.50	84.00	3000	568.95	28.27	65.80





LWAD20572 Serise

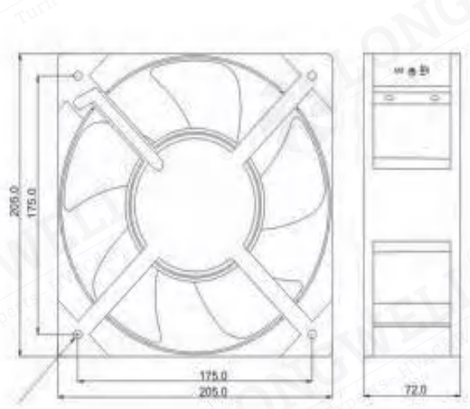


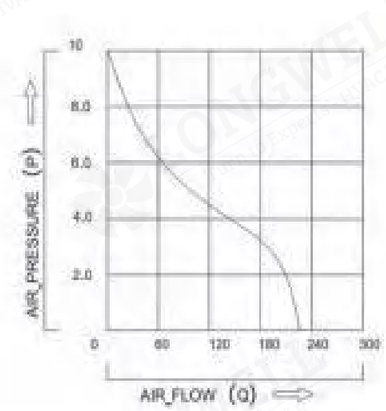
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWAD20572LL-01	12	3.00	36.00	1700	198.00	10.30	62.00
LWAD20572ML-01	24	1.50	36.00	1700	198.00	10.30	62.00





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LWFD4010 Serise

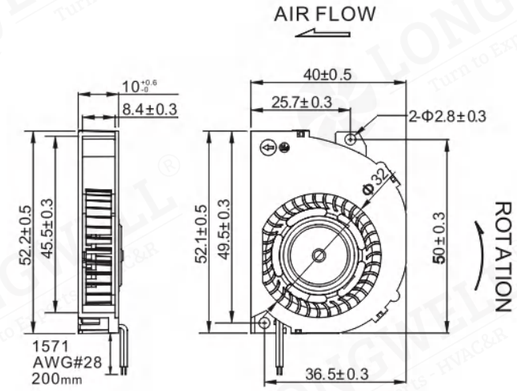
Product Characteristic

- Frame: Aluminum Alloy,Painted black
- Impeller: Plastic(UL94V-0)
- Lead Wire: UL1007AWG#28 or Equivalent (+)Red,(-)Black
- Ball Bearing: 50,000hrs(40°C)
- Operating Temperature: -10°C~+70°C
- Storage Temperature: -40°C~+70°C



Technical Specifications

Model	Bearing Type	Rated Voltage(VDC)	Operating Voltage(VDC)	Input Current(A)	Input Power(W)	Speed (RPM)	Max Air Flow (CFM)	Max Air Flow (m³/min)	Max Static Pressure (Inch-H_2O)	Max Static Pressure (Pa)	Noise [dB(A)]	Weight (g)
LWFD4010KH-06	B.S	5	3.5~5.5	0.23	1.15	5000	3.06	0.09	0.29	72.57	27.0	21.0
LWFD4010KM-07	B.S	5	3.5~5.5	0.20	1.00	4500	2.64	0.07	0.21	52.37	25.0	21.0
LWFD4010KL-08	B.S	5	3.5~5.5	0.16	0.80	4000	2.23	0.06	0.15	37.85	23.0	21.0
LWFD4010LX-06	B.S	12	7.0~13.8	0.18	2.16	5500	3.12	0.09	0.31	77.08	29.0	21.0
LWFD4010LH-07	B.S	12	7.0~13.8	0.15	1.80	5000	3.06	0.09	0.29	72.57	27.0	21.0
LWFD4010LM-08	B.S	12	7.0~13.8	0.12	1.44	4500	2.64	0.07	0.21	52.37	25.0	21.0
LWFD4010LL-09	B.S	12	7.0~13.8	0.10	1.20	4000	2.23	0.06	0.15	37.85	23.0	21.0
LWFD4010MX-06	B.S	24	14.0~27.6	0.10	2.40	5500	3.12	0.09	0.31	77.08	29.0	21.0
LWFD4010MH-07	B.S	24	14.0~27.6	0.07	1.68	5000	3.06	0.09	0.29	72.57	27.0	21.0
LWFD4010MM-08	B.S	24	14.0~27.6	0.05	1.20	4500	2.64	0.07	0.21	52.37	25.0	21.0
LWFD4010ML-09	B.S	24	14.0~27.6	0.03	0.72	4000	2.23	0.06	0.15	37.85	23.0	21.0

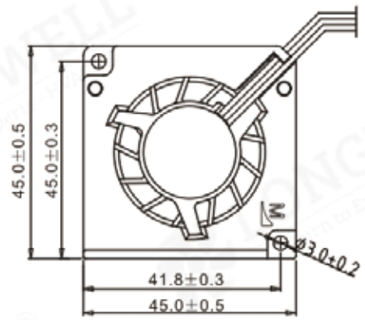


LWFD4510 Serise

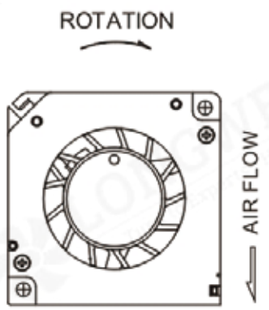
Product Characteristic

- Frame: Plastic(UL94V-0)
- Impeller: Plastic(UL94V-0)
- Lead Wire: UL1571AWG#28 or Equivalent (+)Red,(-)Black
- Ball Bearing: 50,000hrs(40°C)
- Sleeve Bearing: 30,000hrs(40°C)
- Operating Temperature: -10°C~+70°C
- Storage Temperature: -40°C~+70°C









LWFD5015 Serise

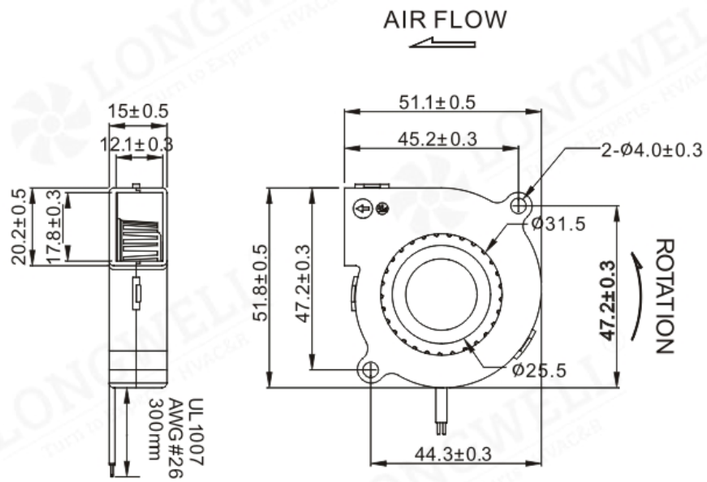
Product Characteristic

- Frame: Plastic(UL94V-0)
- Impeller: Plastic(UL94V-0)
- Lead Wire: UL1007AWG#26 or Equivalent (+)Red,(-)Black
- Ball Bearing: 50,000hrs(40°C)
- Sleeve Bearing: 30,000hrs(40°C)
- Operating Temperature: -10°C~+70°C
- Storage Temperature: -40°C~+70°C



Technical Specifications

Model	Bearing Type	Rated Voltage(VDC)	Operating Voltage(VDC)	Input Current(A)	Input Power(W)	Speed (RPM)	Max Air Flow (CFM)	Max Air Flow (m³/min)	Max Static Pressure (Inch-H_2O)	Max Static Pressure (Pa)	Noise [dB(A)]	Weight (g)
LWFD5015KH-06	B.S	5	3.5~5.5	0.45	2.25	5500	3.49	0.10	0.35	87.97	38.0	30.0
LWFD5015KM-07	B.S	5	3.5~5.5	0.35	1.75	5000	3.21	0.09	0.29	71.59	34.0	30.0
LWFD5015KL-08	B.S	5	3.5~5.5	0.25	1.25	4500	2.86	0.08	0.24	60.21	27.0	30.0
LWFD5015LH-06	B.S	12	7.0~13.8	0.18	2.16	5500	3.49	0.10	0.35	87.97	38.0	30.0
LWFD5015LM-07	B.S	12	7.0~13.8	0.15	1.80	5000	3.21	0.09	0.29	71.59	34.0	30.0
LWFD5015LL-08	B.S	12	7.0~13.8	0.12	1.44	4500	2.86	0.08	0.24	60.21	27.0	30.0
LWFD5015MH-06	B.S	24	14.0~27.6	0.10	2.40	5500	3.49	0.10	0.35	87.97	38.0	30.0
LWFD5015MM-07	B.S	24	14.0~27.6	0.08	1.92	5000	3.21	0.09	0.29	71.59	34.0	30.0
LWFD5015ML-08	B.S	24	14.0~27.6	0.06	1.44	4500	2.86	0.08	0.24	60.21	27.0	30.0



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LWFD6018 Serise

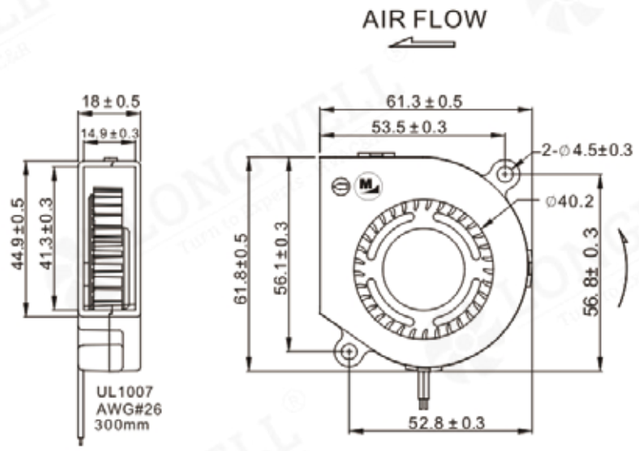
Product Characteristic

- Frame: Plastic(UL94V-0)
- Impeller: Plastic(UL94V-0)
- Lead Wire: UL1007AWG#26 or Equivalent (+)Red,(-)Black
- Ball Bearing: 50,000hrs(40°C)
- Sleeve Bearing: 30,000hrs(40°C)
- Operating Temperature: -10°C~+70°C
- Storage Temperature: -40°C~+70°C



Technical Specifications

Model	Bearing Type	Rated Voltage(VDC)	Operating Voltage(VDC)	Input Current(A)	Input Power(W)	Speed (RPM)	Max Air Flow (CFM)	Max Air Flow (m³/min)	Max Static Pressure (Inch-H_2O)	Max Static Pressure (Pa)	Noise [dB(A)]	Weight (g)
LWFD6018KM-01	B.S	5	3.5~5.5	0.36	1.80	4500	5.09	0.14	0.42	104.54	39.0	41.0
LWFD6018KL-02	B.S	5	3.5~5.5	0.24	1.20	3500	4.06	0.11	0.25	62.37	34.0	41.0
LWFD6018LH-01	B.S	12	7.0~13.8	0.30	3.60	5500	5.89	0.17	0.71	176.81	43.0	41.0
LWFD6018LM-02	B.S	12	7.0~13.8	0.20	2.40	4500	5.09	0.14	0.42	104.54	39.0	41.0
LWFD6018LL-03	B.S	12	7.0~13.8	0.15	1.80	3500	4.06	0.11	0.25	62.37	34.0	41.0
LWFD6018MH-01	B.S	24	14.0~27.6	0.20	4.80	5500	5.89	0.17	0.71	176.81	43.0	41.0
LWFD6018MM-02	B.S	24	14.0~27.6	0.12	2.88	4500	5.09	0.14	0.42	104.54	39.0	41.0
LWFD6018ML-03	B.S	24	14.0~27.6	0.08	1.92	3500	4.06	0.11	0.25	62.37	34.0	41.0



LWFD7530 Serise

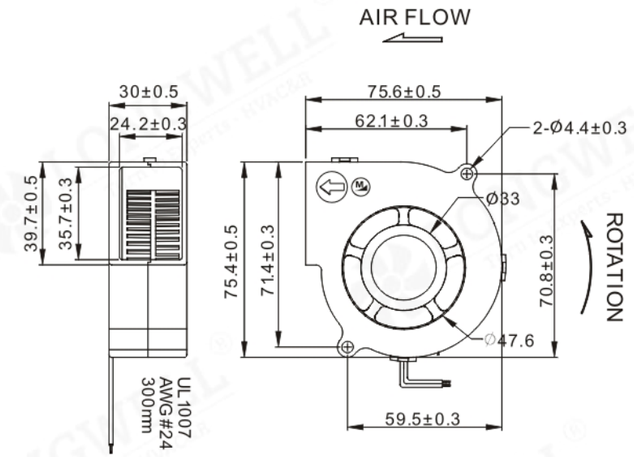
Product Characteristic

- Frame: Plastic(UL94V-0)
- Impeller: Plastic(UL94V-0)
- Lead Wire: UL1007AWG#24 or Equivalent (+)Red,(-)Black
- Ball Bearing: 50,000hrs(40°C)
- Sleeve Bearing: 30,000hrs(40°C)
- Operating Temperature: -10°C~+70°C
- Storage Temperature: -40°C~+70°C



Technical Specifications

Model	Bearing Type	Rated Voltage(VDC)	Operating Voltage(VDC)	Input Current(A)	Input Power(W)	Speed (RPM)	Max Air Flow (CFM)	Max Air Flow (m³/min)	Max Static Pressure (Inch-H_2O)	Max Static Pressure (Pa)	Noise [dB(A)]	Weight (g)
LWFD7530LH-06	B.S	12	7.0~13.8	0.60	7.20	4500	15.64	0.44	1.06	263.31	51.0	69.0
LWFD7530LM-07	B.S	12	7.0~13.8	0.45	5.40	4000	13.67	0.39	0.81	201.13	46.0	69.0
LWFD7530LL-08	B.S	12	7.0~13.8	0.35	4.20	3500	12.25	0.35	0.60	149.55	40.0	69.0
LWFD7530MH-06	B.S	24	14.0~27.6	0.30	7.20	4500	15.64	0.44	1.06	263.31	51.0	69.0
LWFD7530MM-07	B.S	24	14.0~27.6	0.25	6.00	4000	13.67	0.39	0.81	201.13	46.0	69.0
LWFD7530ML-08	B.S	24	14.0~27.6	0.20	4.80	3500	12.25	0.35	0.60	149.55	40.0	69.0



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LWFD9733 Serise

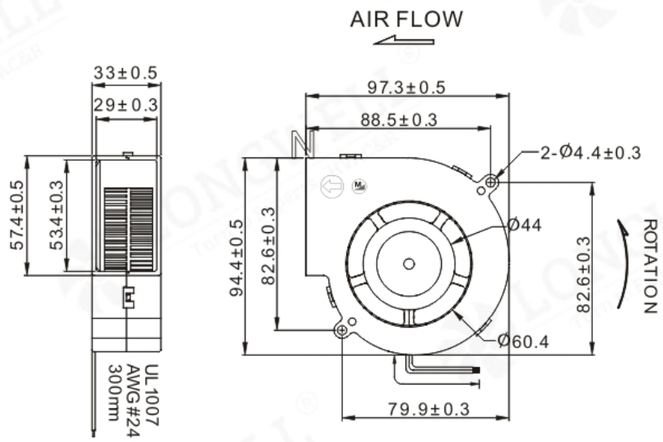
Product Characteristic

- Frame: Plastic(UL94V-0)
- Impeller: Plastic(UL94V-0)
- Lead Wire: UL1007AWG#24 or Equivalent (+)Red,(-)Black
- Ball Bearing: 50,000hrs(40°C)
- Sleeve Bearing: 30,000hrs(40°C)
- Operating Temperature: -10°C~+70°C
- Storage Temperature: -40°C~+70°C



Technical Specifications

Model	Bearing Type	Rated Voltage(VDC)	Operating Voltage(VDC)	Input Current(A)	Input Power(W)	Speed (RPM)	Max Air Flow (CFM)	Max Air Flow (m³/min)	Max Static Pressure (Inch-H_2O)	Max Static Pressure (Pa)	Noise [dB(A)]	Weight (g)
LWFD9733LX-06	B.S	12	7.0~13.8	1.40	16.80	4500	29.76	0.84	1.35	336.96	57.0	164.0
LWFD9733LH-07	B.S	12	7.0~13.8	1.00	12.00	4000	26.62	0.75	1.15	286.75	53.0	164.0
LWFD9733LM-08	B.S	12	7.0~13.8	0.60	7.20	3500	23.34	0.66	0.83	206.33	49.0	164.0
LWFD9733LL-09	B.S	12	7.0~13.8	0.40	4.80	3000	19.71	0.56	0.53	132.59	45.0	164.0
LWFD9733MX-06	B.S	24	14.0~27.6	1.00	24.00	4500	29.76	0.84	1.35	336.96	57.0	164.0
LWFD9733MH-07	B.S	24	14.0~27.6	0.80	19.20	4000	26.62	0.75	1.15	286.75	53.0	164.0
LWFD9733MM-08	B.S	24	14.0~27.6	0.50	12.00	3500	23.34	0.66	0.83	206.33	49.0	164.0
LWFD9733ML-09	B.S	24	14.0~27.6	0.30	7.20	3000	19.71	0.56	0.53	132.59	45.0	164.0



LWFD12032 Serise

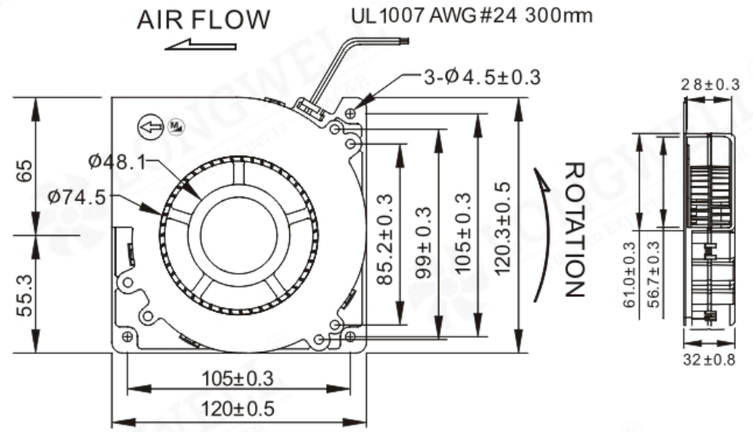
Product Characteristic

- Frame: Plastic(UL94V-0)
- Impeller: Plastic(UL94V-0)
- Lead Wire: UL1007AWG#24 or Equivalent (+)Red,(-)Black
- Ball Bearing: 50,000hrs(40°C)
- Sleeve Bearing: 30,000hrs(40°C)
- Operating Temperature: -10°C~+70°C
- Storage Temperature: -40°C~+70°C



Technical Specifications

Model	Bearing Type	Rated Voltage(VDC)	Operating Voltage(VDC)	Input Current(A)	Input Power(W)	Speed (RPM)	Max Air Flow (CFM)	Max Air Flow (m³/min)	Max Static Pressure (Inch-H_2O)	Max Static Pressure (Pa)	Noise [dB(A)]	Weight (g)
LWFD12032LH-06	B	12	7.0~13.8	2.00	24.00	3500	41.20	1.17	1.85	461.99	57.0	278.0
LWFD12032LM-07	B	12	7.0~13.8	1.00	12.00	3000	35.44	1.00	1.17	291.94	51.0	278.0
LWFD12032LL-08	B	12	7.0~13.8	0.70	8.40	2500	30.79	0.87	0.83	207.90	45.0	278.0
LWFD12032MH-06	B	24	14.0~27.6	1.00	24.00	3500	41.20	1.17	1.85	461.99	57.0	278.0
LWFD12032MM-07	B	24	14.0~27.6	0.70	16.80	3000	35.44	1.00	1.17	291.94	51.0	278.0
LWFD12032ML-08	BB	24	14.0~27.6	0.40	9.60	2500	30.79	0.87	0.83	207.90	45.0	278.0



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LWFD4010 Serise

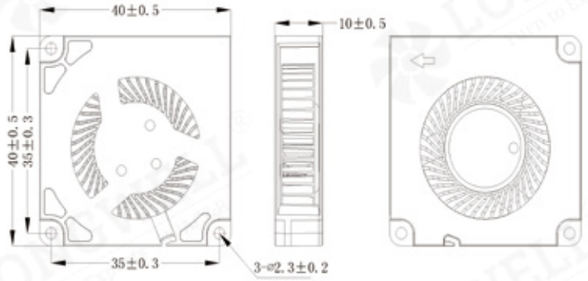


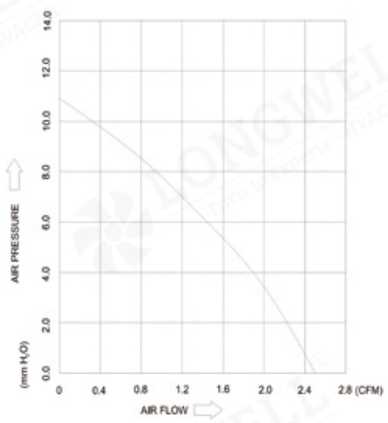
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWFD4010KM-09	5	0.24	1.20	6000	2.31	10.56	28.50
LWFD4010LM-10	12	0.10	1.20	6000	2.31	10.56	28.50





LWFD4508 Serise

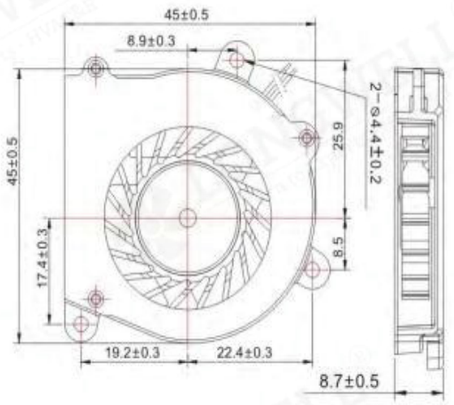


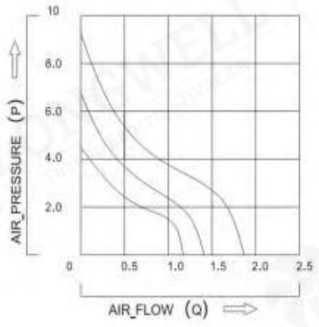
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWFD4508KL-01	5	0.10	0.50	4000	1.17	4.70	20.90
LWFD4508LL-01	12	0.06	0.72	4000	1.17	4.70	20.90
LWFD4508KM-02	5	0.15	0.75	5000	1.46	7.35	22.80
LWFD4508LM-02	12	0.15	1.80	5000	1.46	7.35	22.80
LWFD4508KH-03	5	0.35	1.75	5800	1.70	9.89	26.00
LWFD4508LH-03	12	0.25	3.00	5800	1.70	9.89	26.00
LWFD4508KH-04	5	0.36	1.80	6000	1.75	10.20	26.80





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LWFD4520 Serise

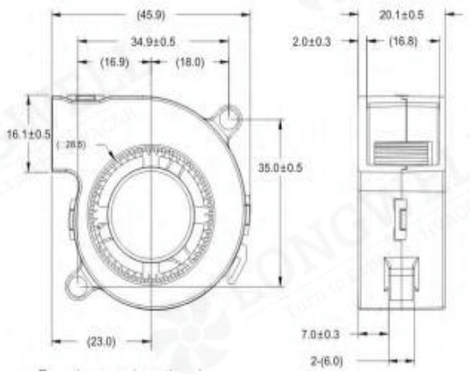


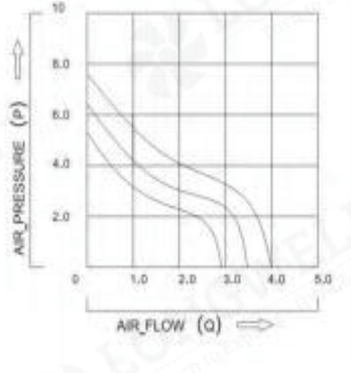
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWFD4520KL-01	5	0.20	1.00	4800	2.94	5.30	27.00
LWFD4520LL-01	12	0.10	1.20	4800	2.94	5.30	27.00
LWFD4520KM-02	5	0.30	1.50	5700	3.50	6.40	30.00
LWFD4520LM-02	12	0.15	1.80	5700	3.50	6.40	30.00
LWFD4520MM-01	24	0.08	1.92	5700	3.50	6.40	30.00
LWFD4520LH-03	12	0.20	2.40	6500	4.00	7.30	33.00
LWFD4520MH-02	24	0.10	2.40	6500	4.00	7.30	33.00





LWFD5010 Serise

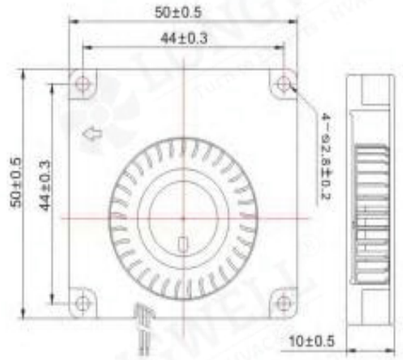


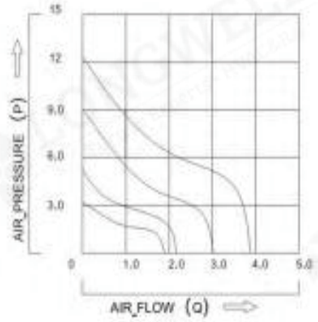
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWFD5010KL-09	5	0.10	0.50	4000	1.87	3.18	22.50
LWFD5010LL-09	12	0.06	0.72	4000	1.87	3.18	22.50
LWFD5010ML-09	24	0.04	0.96	4000	1.87	3.18	22.50
LWFD5010KM-10	5	0.15	0.75	5000	2.40	5.64	28.00
LWFD5010LM-10	12	0.10	1.20	5000	2.40	5.64	28.00
LWFD5010MM-10	24	0.06	1.44	5000	2.40	5.64	28.00
LWFD5010LH-11	12	0.15	1.80	6000	3.05	9.47	32.50
LWFD5010MH-11	24	0.10	2.40	6000	3.05	9.47	32.50
LWFD5010LH-12	12	0.22	2.64	7000	3.88	13.46	37.50
LWFD5010MH-12	24	0.12	2.88	7000	3.88	13.46	37.50





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LWFD5015 Serise

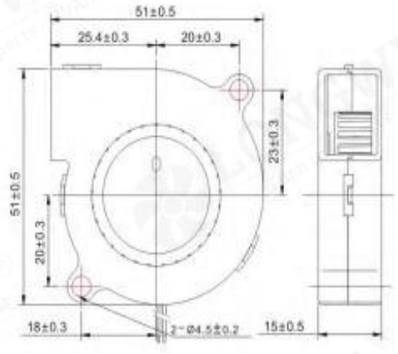


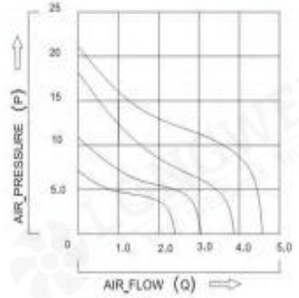
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWFD5015LL-06	12	0.08	0.96	2600	1.83	3.86	21.00
LWFD5015KL-06	5	0.18	0.90	3500	2.47	7.00	26.50
LWFD5015LL-07	12	0.10	1.20	3500	2.47	7.00	26.50
LWFD5015ML-06	24	0.05	1.20	3500	2.47	7.00	26.50
LWFD5015KM-07	5	0.30	1.50	4500	3.18	11.00	32.50
LWFD5015LM-08	12	0.14	1.68	4500	3.18	11.00	32.50
LWFD5015MM-07	24	0.07	1.68	4500	3.18	11.00	32.50
LWFD5015LH-09	12	0.18	2.16	5500	3.88	18.00	38.00
LWFD5015MH-08	24	0.10	2.40	5500	3.88	18.00	38.00
LWFD5015LH-10	12	0.22	2.64	6500	4.59	22.00	45.00
LWFD5015MH-09	24	0.13	3.12	6500	4.59	22.00	45.00





LWFD6015 Serise

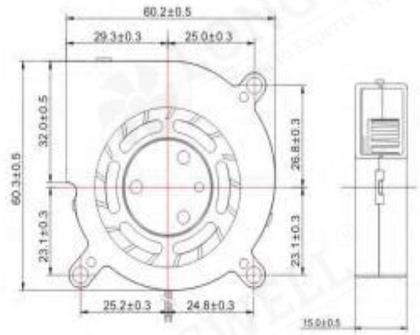


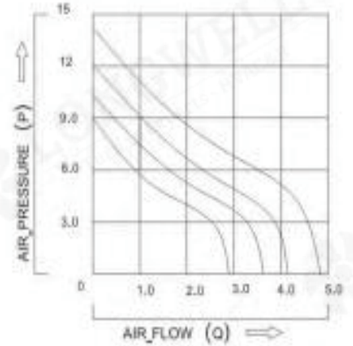
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWFD6015KL-06	5	0.22	1.10	3000	3.12	6.48	26.50
LWFD6015LL-06	12	0.15	1.80	3000	3.12	6.48	26.50
LWFD6015ML-06	24	0.10	2.40	3000	3.12	6.48	26.50
LWFD6015KM-07	5	0.25	1.25	3600	3.50	9.01	29.80
LWFD6015LM-07	12	0.18	2.16	3600	3.50	9.01	29.80
LWFD6015MM-07	24	0.13	3.12	3600	3.50	9.01	29.80
LWFD6015LH-08	12	0.20	2.40	4200	4.04	12.08	32.50
LWFD6015MH-08	24	0.15	3.60	4200	4.04	12.08	32.50
LWFD6015LH-09	12	3.12	3.60	5000	4.86	17.95	38.00
LWFD6015MH-09	24	0.20	4.80	5000	4.86	17.95	38.00





LWFD7530 Serise

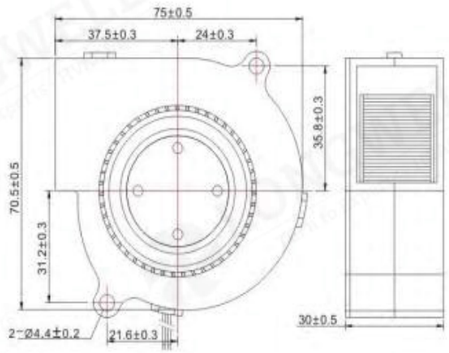
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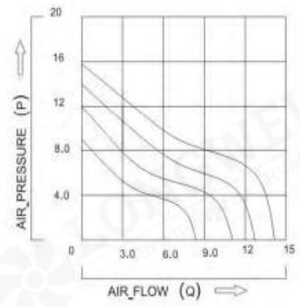
- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings



Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWFD7530KL-01	5	0.30	1.50	2500	9.30	7.80	31.50
LWFD7530LL-09	12	0.18	2.16	2500	9.30	7.80	31.50
LWFD7530ML-09	24	0.18	2.16	2500	9.30	7.80	31.50
LWFD7530LM-10	12	0.26	3.12	2900	11.00	11.95	36.50
LWFD7530MM-10	24	0.13	3.12	2900	11.00	11.95	36.50
LWFD7530LH-11	12	0.30	3.60	3200	12.10	14.10	39.50
LWFD7530MH-11	24	0.15	3.60	3200	12.10	14.10	39.50
LWFD7530LH-12	12	0.36	4.32	3900	13.80	17.00	44.30
LWFD7530MH-12	24	0.18	4.32	3900	13.80	17.00	44.30





LWFD7530 Serise

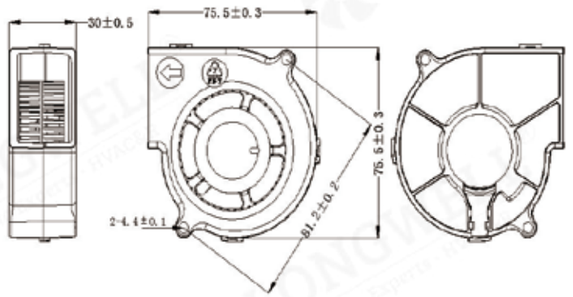
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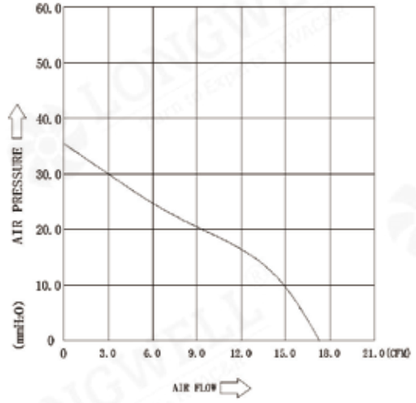
- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings



Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWFD7530LH-13	12	0.24	2.88	4000	14.15	22.83	45.00





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

LWFD9733 Serise

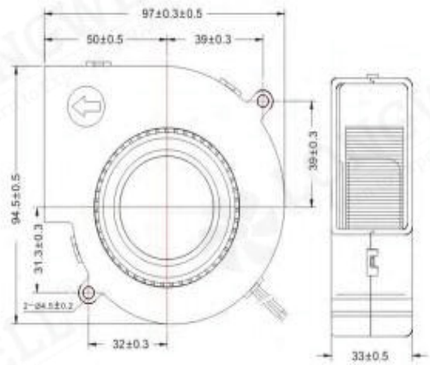


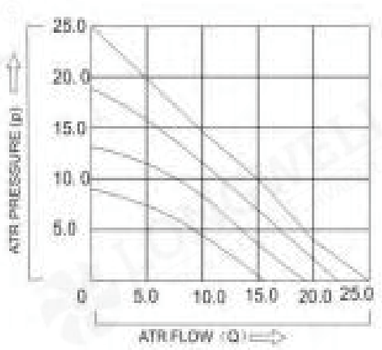
Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWFD9733LL-10	12	0.26	3.12	2400	16.55	9.40	41.00
LWFD9733ML-10	24	0.13	3.12	2400	16.55	9.40	41.00
LWFD9733LM-11	12	0.35	4.20	2800	19.30	13.45	45.00
LWFD9733MM-11	24	0.18	4.32	2800	19.30	13.45	45.00
LWFD9733LH-12	12	0.46	5.52	3000	20.68	15.50	46.50
LWFD9733MH-12	24	0.23	5.52	3000	20.68	15.50	46.50
LWFD9733LH-13	12	0.50	6.00	3200	22.10	18.50	49.00
LWFD9733MH-13	24	0.28	6.72	3200	22.10	18.50	49.00
LWFD9733LH-14	12	0.80	9.60	3600	25.40	24.85	52.00
LWFD9733MH-14	24	0.40	9.60	3600	25.40	24.85	52.00





LWFD12032 Serise



Product Characteristic

- Frame: Plastic(UL94)
- Impeller: Plastic(UL94)
- Bearing Type: Sleeve Bearing (EBI)
  Fluid Gynamic Bearing (FDB)
  Two Ball Bearings

Technical Specifications

Model	Rated Voltage (VDC)	Rated Current (A)	Rated Input Power(W)	Rated Speed (RPM)	Maximum Air Flow(CFM)	Maximum Air Pressure(mmH_2O)	Noise [dB(A)]
LWFD12032LL-09	12	0.45	5.40	2100	24.66	14.00	46.00
LWFD12032ML-09	24	0.24	5.76	2100	24.66	14.00	46.00
LWFD12032HL-06	48	0.12	5.76	2100	24.66	14.00	46.00
LWFD12032LM-10	12	0.63	7.56	2300	26.80	17.46	48.00
LWFD12032MM-10	24	0.30	7.20	2300	26.80	17.46	48.00
LWFD12032HM-07	48	0.15	7.20	2300	26.80	17.46	48.00
LWFD12032LH-11	12	0.85	10.20	2500	28.94	21.10	50.50
LWFD12032MH-11	24	0.36	8.64	2500	28.94	21.10	50.50
LWFD12032HH-08	48	0.18	8.64	2500	28.94	21.10	50.50
LWFD12032LH-12	12	1.10	13.20	2800	32.40	26.95	53.50
LWFD12032MH-12	24	0.50	12.00	2800	32.40	26.95	53.50
LWFD12032HH-09	48	0.25	12.00	2800	32.40	26.95	53.50
LWFD12032LX-13	12	1.25	15.00	3100	36.00	36.60	56.00
LWFD12032MX-13	24	0.63	15.12	3100	36.00	36.60	56.00
LWFD12032HX-10	48	0.30	14.40	3100	36.00	36.60	56.00

