AXIAL FAN PRODUCT MANUAL

KUNSHAN PINDAI ELECTRICAL CO.,LTD

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COMPANY INTRODUCTION

KUNSHAN PINDAI ELECTRICAL CO.,LTD

Kunshan Pindai Electrical Co., Ltd. is a high-tech enterprise integrating research, development, production and sales, and is currently one of the prefered thermal products manufacturing companies in China. Pindai has manufacturing bases in Kunshan, Changzhou, Yancheng and Shenzhen, mainly producing heat dissipation products for computers, servers, medical, new energy vehicles, special equipment , communication equipment,and so on. Pindai has integrated design and manufacturing capabilities for core component, and has production lines for fans, heat pipes, stamping, vapor chambers, blowing plates and module assemblies.

We have strong R & D capability, so far in Kunshan, Jinan, Shenzhen and Taipei R&D centers our professional teams can provide customers with effective technical support and service.We have professional laboratory and measurement centers, to ensure the excellent quality of our products, and also to serve customers with complete technical and test support.



PRODUCT CATEGORY

DC AXIAL FAN

PRODUCT SUMMARY

Model	Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Pressure (mmH2O)	Noise (db(A))	Curve
A4010ASLNF2300SR	5	0.07	0.35	5000	5.30	2.60	22.0	1
A4010BSLNF2300SR	12	0.05	0.60	5000	5.30	2.60	22.0	1
A4020BBMNG2400SR	12	0.14	1.68	8000	9.50	9.60	34.0	3
A4020BBHNG2400SR	12	0.19	2.28	10000	12.00	13.00	40.0	2
A4020BBUNG2400SR	12	0.25	3.00	12000	14.50	19.60	45.0	1
A4028BBUNF2300SR	12	0.95	11.40	26000	29.45	78.27	60.0	1
A4028BBUNF2301SR	12	0.45	5.40	20000	22.94	47.49	53.0	2
A4028BBUNF2302SR	12	0.25	3.00	15000	17.21	26.71	46.0	3
A4028BBUNF2303SR	12	0.09	1.08	10000	11.47	11.87	37.0	4
A5010ASLNF2300SR	5	0.08	0.40	5500	9.50	3.80	27.0	1
A5010BSLNF2300SR	12	0.06	0.72	5500	9.50	3.80	27.0	1
A5010BBLNG2400SR	12	0.14	1.68	4500	9.30	2.50	22.5	3
A5010BBMNG2400SR	12	0.17	2.04	6000	12.60	4.30	28.5	2
A5010BBHNG2400SR	12	0.22	2.64	8000	16.90	7.00	37.0	1
A6025BBMNG2302SR	12	0.08	0.96	3000	13.40	2.40	30.0	3
A6025BBMNG2301SR	12	0.20	2.40	5000	23.00	6.40	38.0	2
A6025BBMNG2300SR	12	0.25	3.00	7000	32.80	11.90	45.0	1
A6038BBMNG2400SS	12	0.15	1.80	6000	24.00	12.30	38.0	3
A6038BBHNG2400SS	12	0.45	5.40	10000	40.00	30.50	50.5	2

Model	Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Pressure (mmH2O)	Noise (db(A))	Curve
A6038BBUNG2400SS	12	1.08	13.00	14000	56.00	55.30	60.0	1
A8025BBLNF2300SR	12	0.08	0.96	2500	32.00	3.40	28.0	3
A8025BBMNF2300SR	12	1.80	1.80	3500	45.20	6.80	37.0	2
A8025BHMNF2300SR	12	0.29	3.48	4500	58.50	8.90	43.0	1
A8038BBUNF2300SR	12	3.00	36.00	15000	125.66	94.60	69.0	1
A8038BBUNF2301SR	12	1.10	13.20	10000	83.85	42.12	61.0	2
A8038BBUNF2302SR	12	0.50	6.00	7000	58.69	20.64	53.0	3
A8038BBUNF2303SR	12	0.18	2.16	5000	11.47	11.87	46.0	4
A9225BBLNF2300SR	12	0.10	1.20	2500	42.00	2.70	30.0	3
A9225BBMNF2300SR	12	0.26	3.12	3500	60.30	5.20	39.0	2
A9225BHMNF2300SR	12	0.50	6.00	4500	72.30	6.80	46.0	1
A9238CBMNF2300SR	24	0.56	13.44	6500	127.40	22.00	56.5	1
A9238CBMNF2300SR	24	1.00	24.00	10000	142.20	51.60	65.0	1
AC025BBLNF2100SS	12	0.26	3.12	2500	83.20	6.20	40.0	3
AC025BBMNF2100SS	12	0.56	6.72	3500	115.90	11.90	50.5	2
AC025BBHNF2100SS	12	1.17	14.04	4500	152.70	19.90	56.0	1
AC025CBHNF2100SR	24	0.12	2.88	2500	83.20	6.20	40.0	3
AC025CBHNF2100SR	24	0.24	5.76	3500	115.90	11.90	50.5	2
AC025CBHNF2100SR	24	0.53	12.72	4500	152.70	19.90	56.0	1
AC025EBLNF2100ST	48	0.08	3.84	2500	83.20	6.20	40.0	3
AC025EBMNF2100ST	48	0.15	7.20	3500	115.90	11.90	50.5	2
AC025EBHNF2100ST	48	0.28	13.44	4500	152.70	19.90	56.0	1
A1238BBLNG2300SR	12	0.50	6.00	3300	124.00	7.35	45.0	1

Note:

* Sound level measured at the distance of one meter from the fan intake in free air.

* The data shows typical value at rated voltage.

* If you want other spec(speed/voltage) which is not in the list, please contact us.

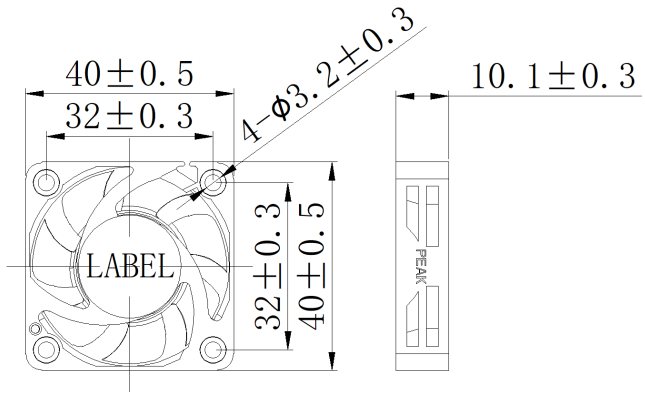
DC Axial Fan - 4010



40 x 40 x 10 MM SERIES

External Dimensions

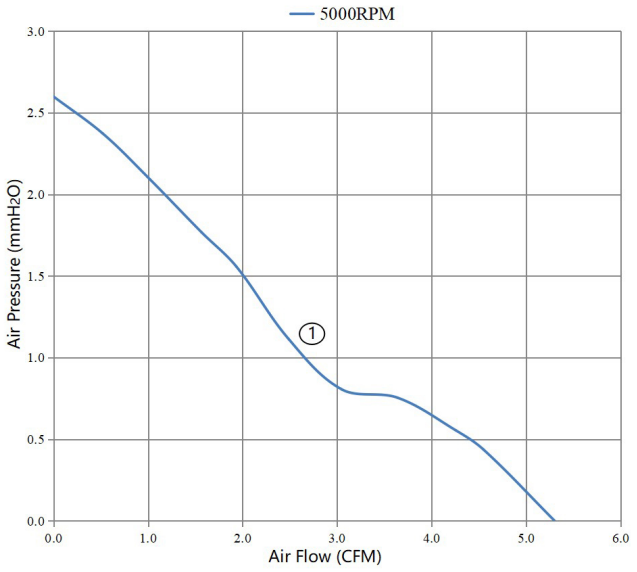
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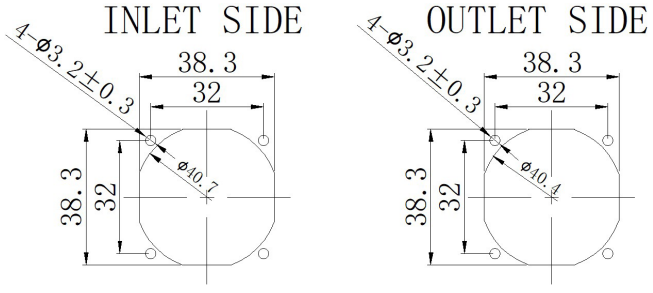
General Specifications

- Impeller: Plastic(Black)94V-0
- Frame: Plastic(Black)94V-0
- Bearing: Sleeve Bearing
- Life Expectancy: 30000hrs at 40°C
- Operating Temp: -10°C ~70 °C
- Wire/Terminal type: According to the customer's requests
- Mass Weight: 15g (Ref)
- IP Protection Level: IP50~ IP54

Performance P&Q Curves



Mounting Panel Cut-outs



Model	Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Pressure (mmH2O)	Noise (db(A))	Curve
A4010ASLNF2300SR	5	0.07	0.35	5000	5.30	2.60	22.0	1
A4010BSLNF2300SR	12	0.05	0.60	5000	5.30	2.60	22.0	1

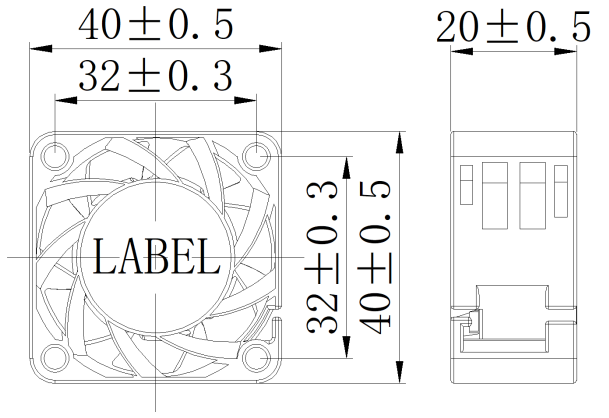
DC Axial Fan - 4020



40 x 40 x 20 MM SERIES

External Dimensions

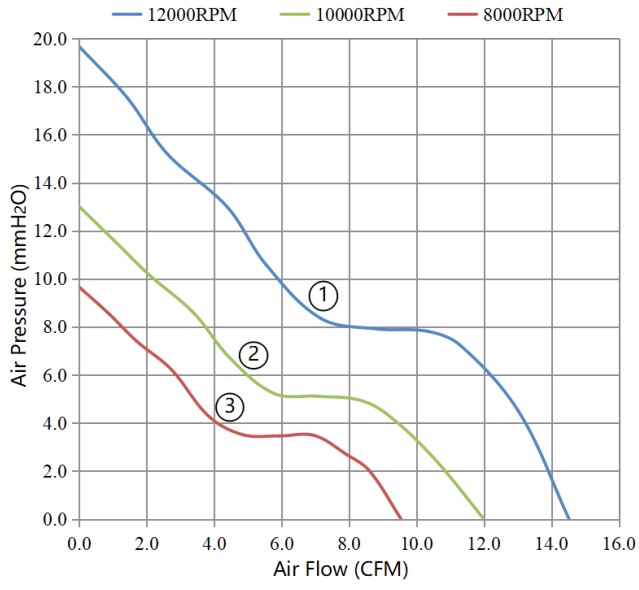
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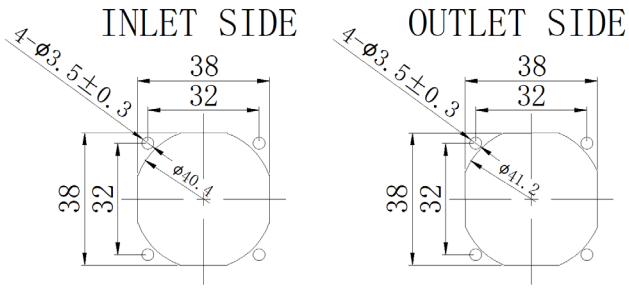
General Specifications

- Impeller: Plastic(Black)94V-0
- Frame: Plastic(Black)94V-0
- Bearing: Ball Bearing
- Life Expectancy: 70000hrs at 40°C
- Operating Temp: -10°C ~70 °C
- Wire/Terminal type: According to the customer's requests
- Mass Weight: 40g (Ref)
- IP Protection Level: IP50~ IP54

Performance P&Q Curves



Mounting Panel Cut-outs



Model	Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Pressure (mmH2O)	Noise (db(A))	Curve
A4020BBMNG2400SR	12	0.14	1.68	8000	9.50	9.60	34.0	3
A4020BBHNG2400SR	12	0.19	2.28	10000	12.00	13.00	40.0	2
A4020BBUNG2400SR	12	0.25	3.00	12000	14.50	19.60	45.0	1

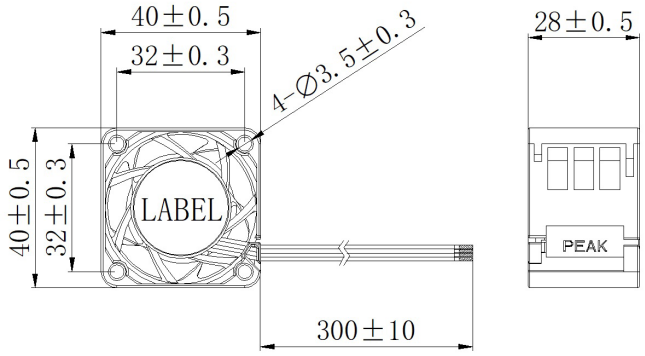
DC Axial Fan - 4028



40 x 40 x 28 MM SERIES

External Dimensions

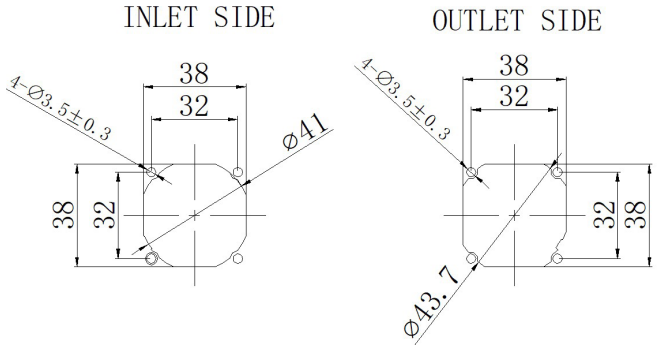
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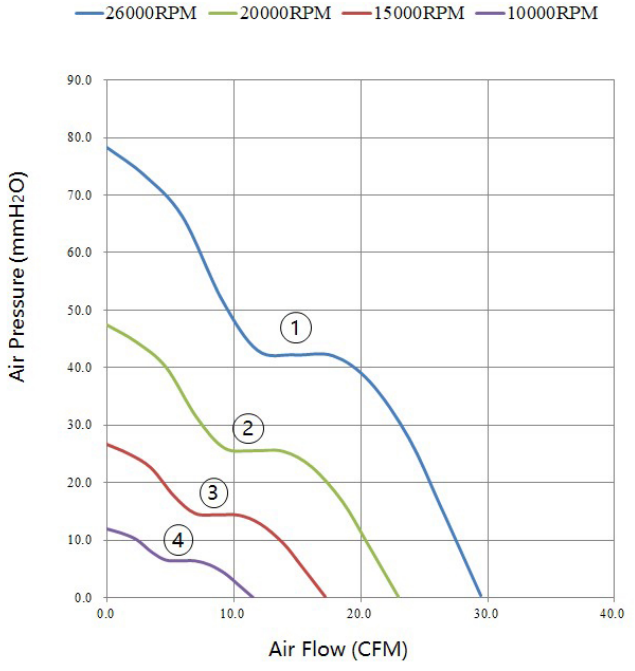
General Specifications

- Impeller: Plastic(Black)94V-0
- Frame: Plastic(Black)94V-0
- Bearing: Ball Bearing
- Life Expectancy: 70000hrs at 40°C
- Operating Temp: -10°C ~70 °C
- Wire/Terminal type: According to the customer's requests
- Mass Weight: 47g (Ref)
- IP Protection Level: IP50~ IP54

Mounting Panel Cut-outs

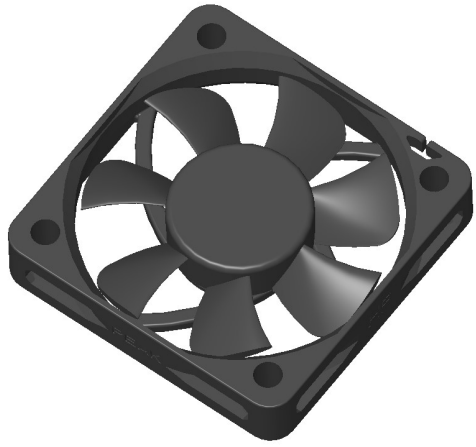


Performance P&Q Curves



Model	Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Pressure (mmH2O)	Noise (db(A))	Curve
A4028BBUNF2300SR	12	0.95	11.40	26000	29.45	78.27	60.0	1
A4028BBUNF2301SR	12	0.45	5.40	20000	22.94	47.49	53.0	2
A4028BBUNF2302SR	12	0.25	3.00	15000	17.21	26.71	46.0	3
A4028BBUNF2303SR	12	0.09	1.08	10000	11.47	11.87	37.0	4

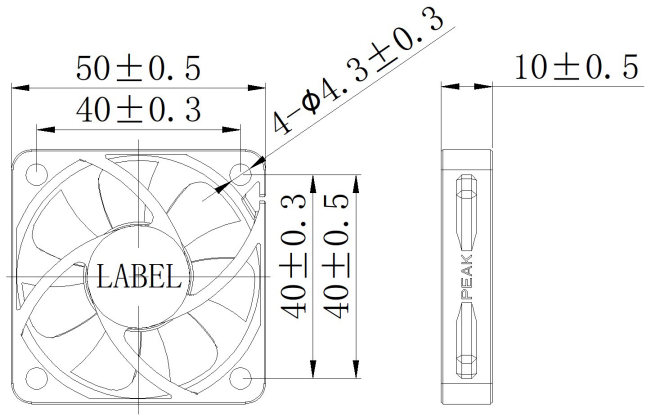
DC Axial Fan - 5010-A



50 x 50 x 10 MM SERIES

External Dimensions

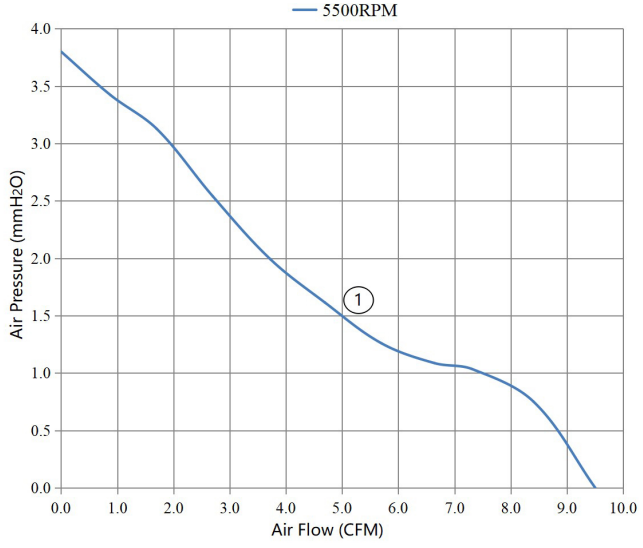
Unit: mm



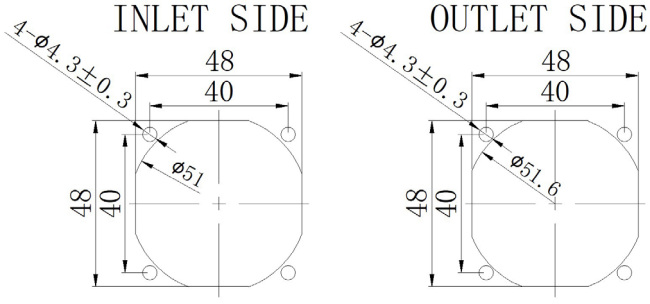
General Specifications

- Impeller: Plastic(Black)94V-0
- Frame: Plastic(Black)94V-0
- Bearing: Sleeve Bearing
- Life Expectancy: 30000hrs at 40°C
- Operating Temp: -10°C ~70 °C
- Wire/Terminal type: According to the customer's requests
- Mass Weight: 20g (Ref)
- IP Protection Level: IP50~ IP54

Performance P&Q Curves

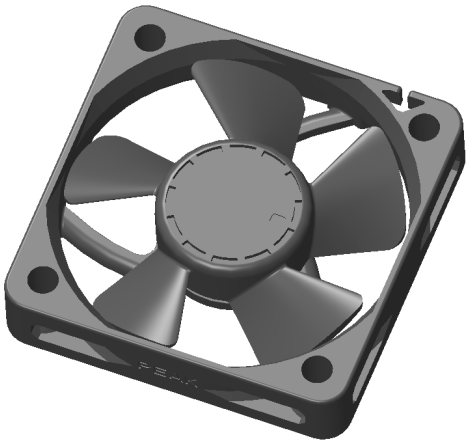


Mounting Panel Cut-outs



Model	Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Pressure (mmH2O)	Noise (db(A))	Curve
A5010ASLNF2300SR	5	0.08	0.40	5500	9.50	3.80	27.0	1
A5010BSLNF2300SR	12	0.06	0.72	5500	9.50	3.80	27.0	1

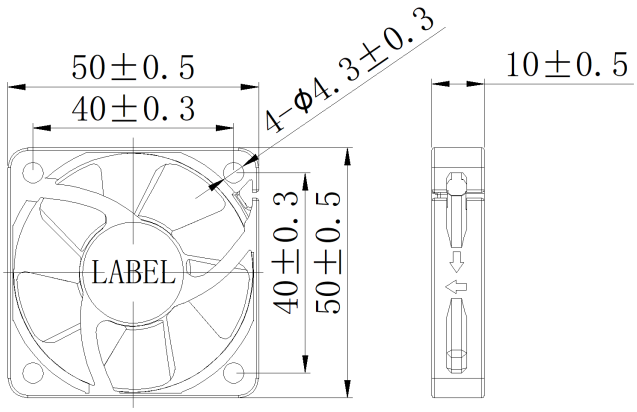
DC Axial Fan - 5010-B



50 x 50 x 10 MM SERIES

External Dimensions

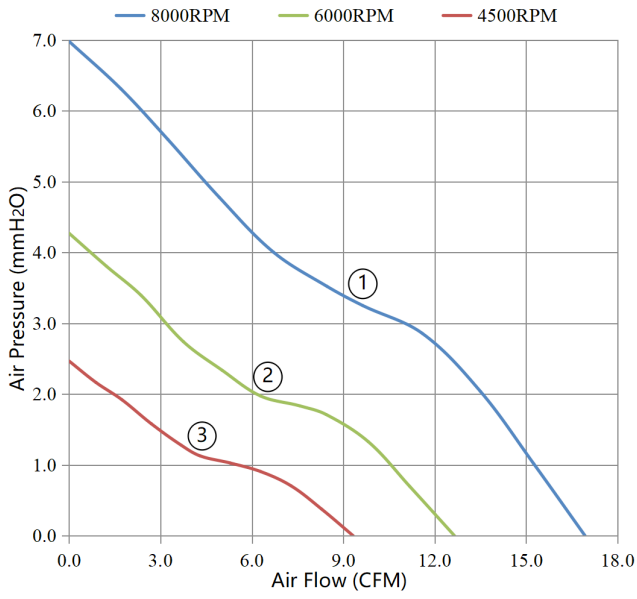
Unit: mm



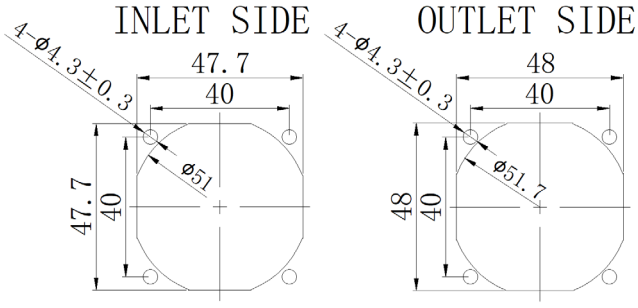
General Specifications

- Impeller: Plastic(Black)94V-0
- Frame: Plastic(Black)94V-0
- Bearing: Ball Bearing
- Life Expectancy: 70000hrs at 40°C
- Operating Temp: -10°C ~70 °C
- Wire/Terminal type: According to the customer's requests
- Mass Weight: 25g (Ref)
- IP Protection Level: IP50~ IP54

Performance P&Q Curves



Mounting Panel Cut-outs



Model	Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Pressure (mmH2O)	Noise (db(A))	Curve
A5010BBLNG2400SR	12	0.14	1.68	4500	9.30	2.50	22.5	3
A5010BBMNG2400SR	12	0.17	2.04	6000	12.60	4.30	28.5	2
A5010BBHNG2400SR	12	0.22	2.64	8000	16.90	7.00	37.0	1

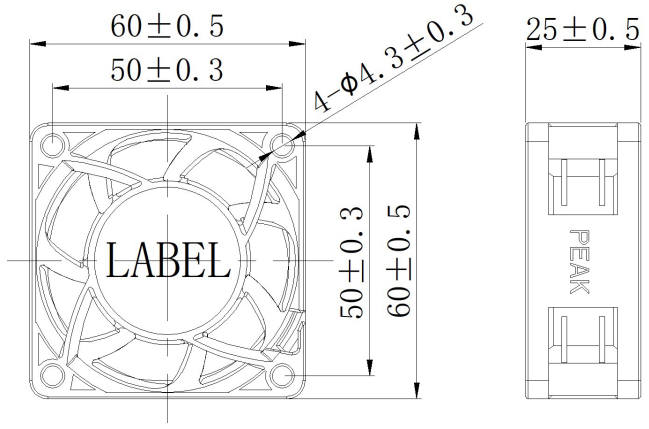
DC Axial Fan - 6025



60 x 60 x 25 MM SERIES

External Dimensions

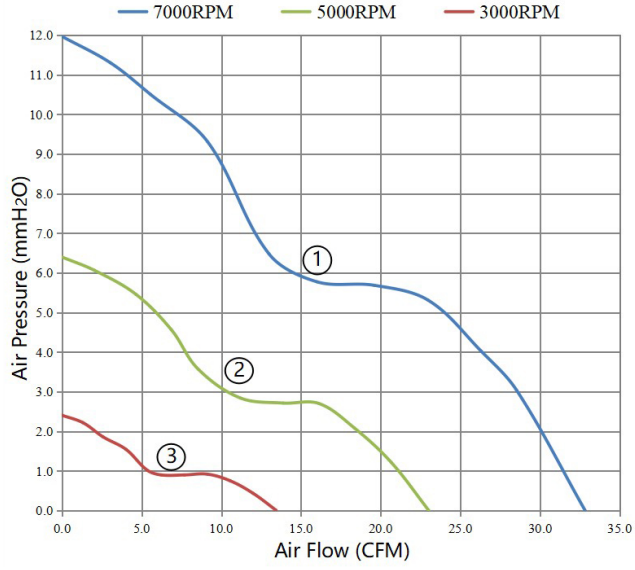
Unit: mm



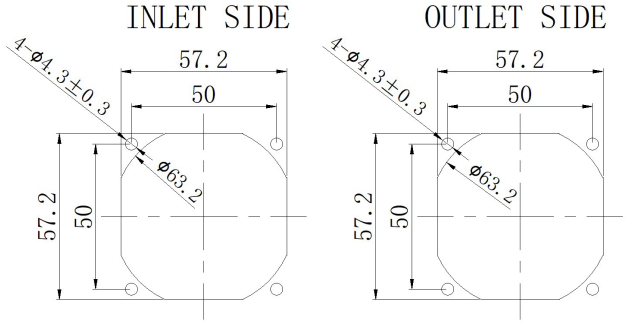
General Specifications

- Impeller: Plastic(Black)94V-0
- Frame: Plastic(Black)94V-0
- Bearing: Ball Bearing
- Life Expectancy: 70000hrs at 40°C
- Operating Temp: -10°C ~70 °C
- Wire/Terminal type: According to the customer's requests
- Mass Weight: 80g (Ref)
- IP Protection Level: IP50~ IP54

Performance P&Q Curves

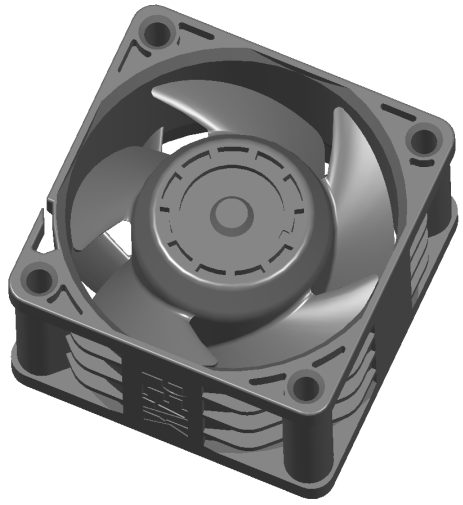


Mounting Panel Cut-outs



Model	Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Pressure (mmH2O)	Noise (db(A))	Curve
A6025BBMNG2302SR	12	0.08	0.96	3000	13.40	2.40	30.0	3
A6025BBMNG2301SR	12	0.20	2.40	5000	23.00	6.40	38.0	2
A6025BBMNG2300SR	12	0.25	3.00	7000	32.80	11.90	45.0	1

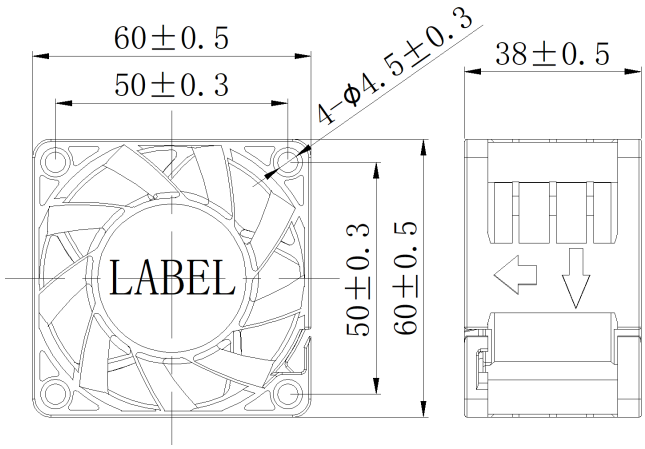
DC Axial Fan - 6038



60 x 60 x 38 MM SERIES

External Dimensions

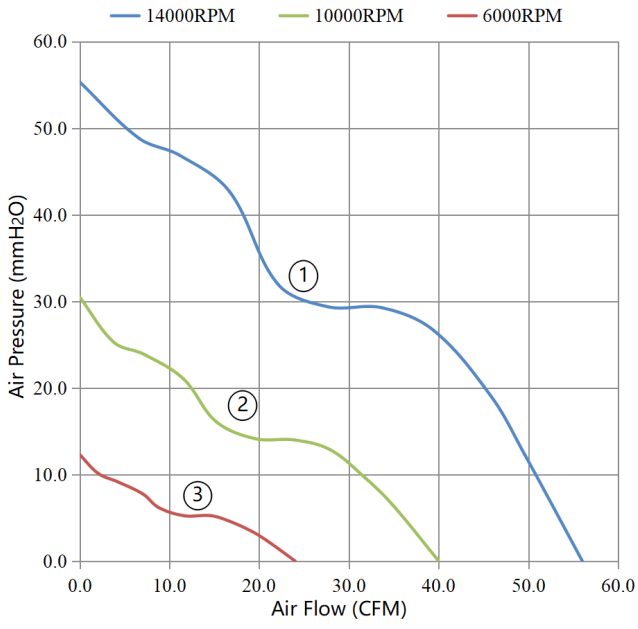
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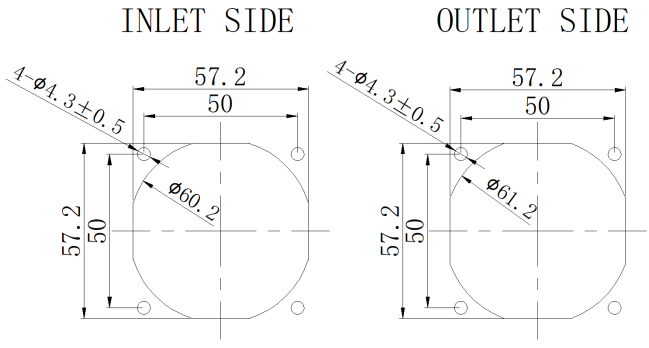
General Specifications

- Impeller: Plastic(Black)94V-0
- Frame: Plastic(Black)94V-0
- Bearing: Ball Bearing
- Life Expectancy: 70000hrs at 40°C
- Operating Temp: -10°C ~70 °C
- Wire/Terminal type: According to the customer's requests
- Mass Weight: 120g (Ref)
- IP Protection Level: IP50~ IP68

Performance P&Q Curves



Mounting Panel Cut-outs



Model	Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Pressure (mmH2O)	Noise (db(A))	Curve
A6038BBMNG2400SS	12	0.15	1.80	6000	24.00	12.30	38.0	3
A6038BBHNG2400SS	12	0.45	5.40	10000	40.00	30.50	50.5	2
A6038BBUNG2400SS	12	1.08	13.00	14000	56.00	55.30	60.0	1

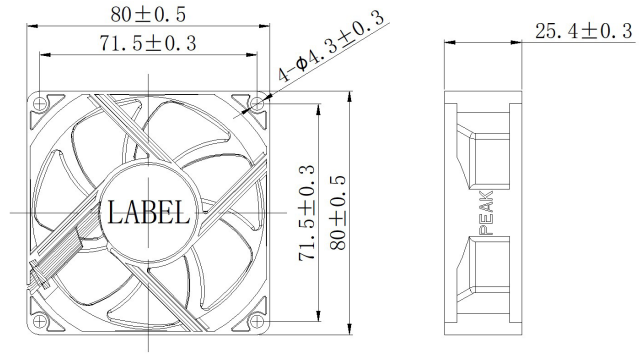
DC Axial Fan - 8025



80 x 80 x 25.4 MM SERIES

External Dimensions

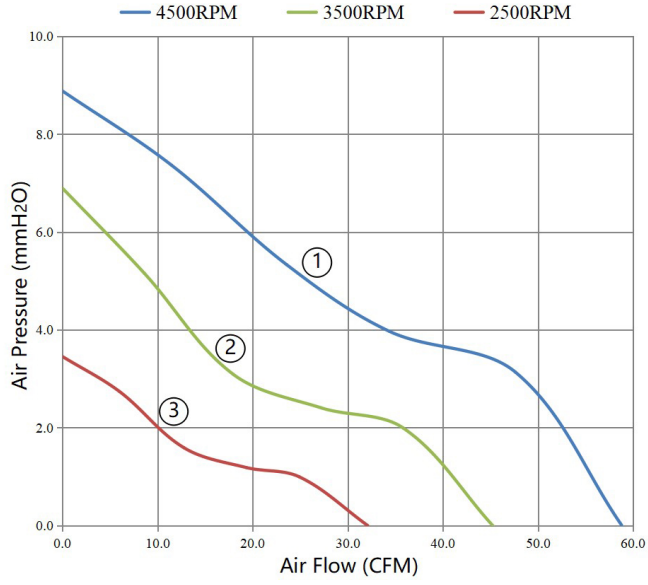
Unit: mm



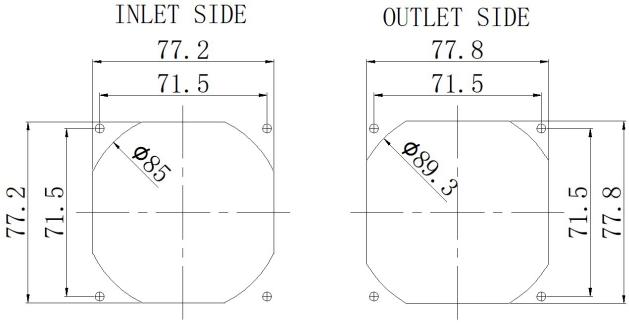
General Specifications

- Impeller: Plastic(Black)94V-0
- Frame: Plastic(Black)94V-0
- Bearing: Sleeve or Ball Bearing
- Life Expectancy: 30000hrs or 70000hrs at 40°C
- Operating Temp: -20°C ~80 °C
- Wire/Terminal type: According to the customer's requests
- Mass Weight: 88g (Ref)
- IP Protection Level: IP50~ IP68

Performance P&Q Curves

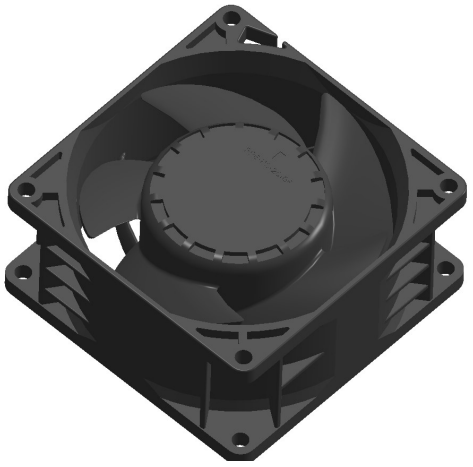


Mounting Panel Cut-outs



Model	Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Pressure (mmH2O)	Noise (db(A))	Curve
A8025BBLNF2300SR	12	0.08	0.96	2500	32.00	3.40	28.0	3
A8025BBMNF2300SR	12	1.80	1.80	3500	45.20	6.80	37.0	2
A8025BHMNF2300SR	12	0.29	3.48	4500	58.50	8.90	43.0	1

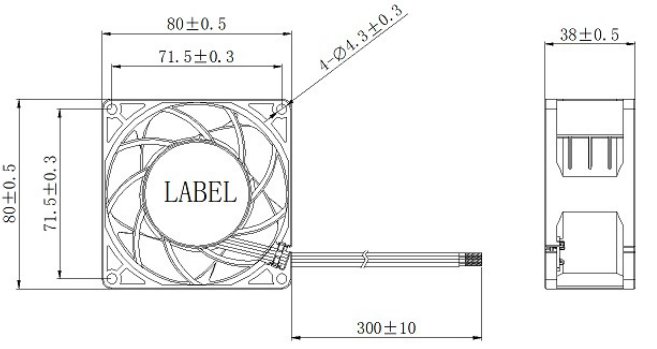
DC Axial Fan - 8038



80 x 80 x 38 MM SERIES

External Dimensions

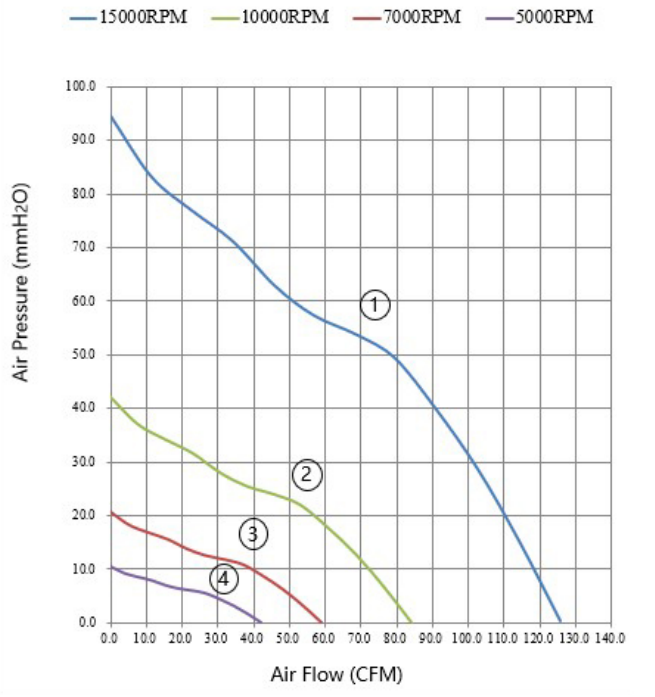
Unit: mm



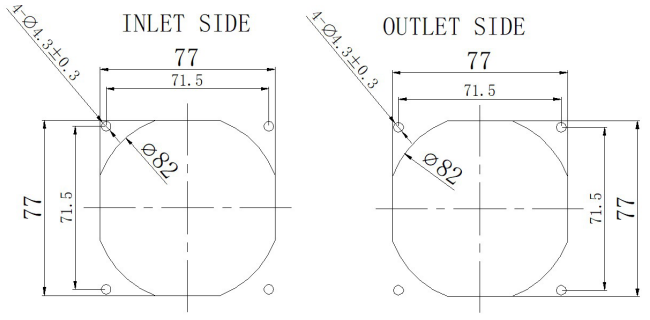
General Specifications

- Impeller: Plastic(Black)94V-0
- Frame: Plastic(Black)94V-0
- Bearing: Ball Bearing
- Life Expectancy: 70000hrs at 40°C
- Operating Temp: -10°C ~70 °C
- Wire/Terminal type: According to the customer's requests
- Mass Weight: 200g (Ref)
- IP Protection Level: IP50~ IP54

Performance P&Q Curves



Mounting Panel Cut-outs



Model	Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Pressure (mmH2O)	Noise (db(A))	Curve
A8038BBUNF2300SR	12	3.00	36.00	15000	125.66	94.60	69.0	1
A8038BBUNF2301SR	12	1.10	13.20	10000	83.85	42.12	61.0	2
A8038BBUNF2302SR	12	0.50	6.00	7000	58.69	20.64	53.0	3
A8038BBUNF2303SR	12	0.18	2.16	5000	11.47	11.87	46.0	4

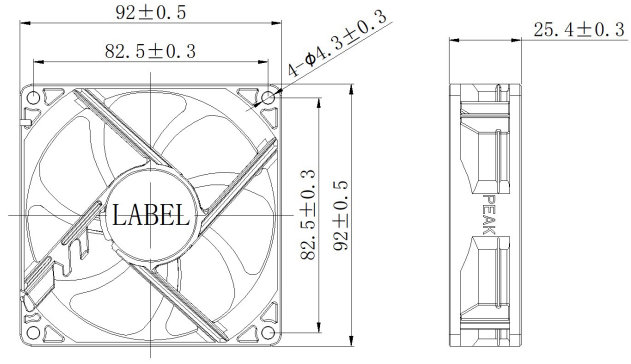
DC Axial Fan - 9225



92 x 92 x 25.4 MM SERIES

External Dimensions

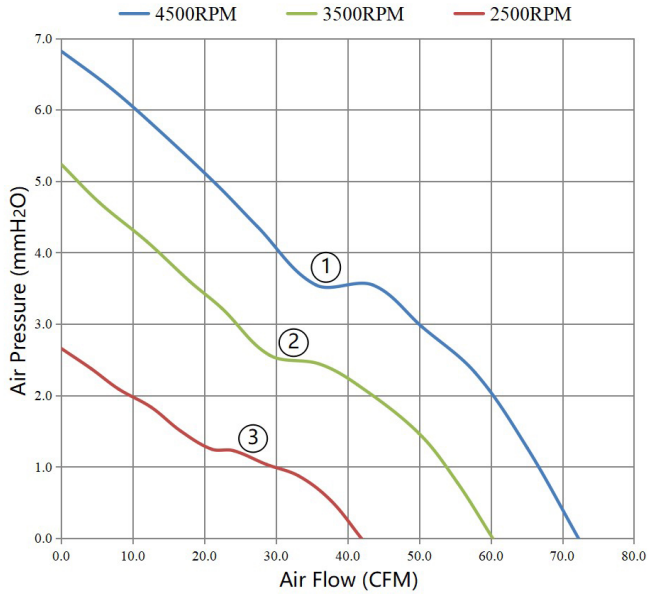
Unit: mm



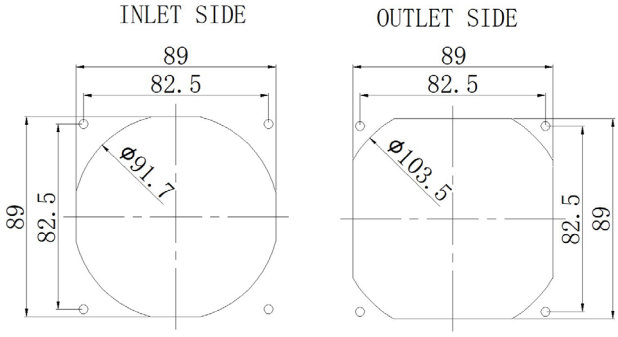
General Specifications

- Impeller: Plastic(Black)94V-0
- Frame: Plastic(Black)94V-0
- Bearing: Sleeve or Ball Bearing
- Life Expectancy: 30000hrs or 70000hrs at 40°C
- Operating Temp: -20°C ~80 °C
- Wire/Terminal type: According to the customer's requests
- Mass Weight: 96g (Ref)
- IP Protection Level: IP50~ IP68

Performance P&Q Curves

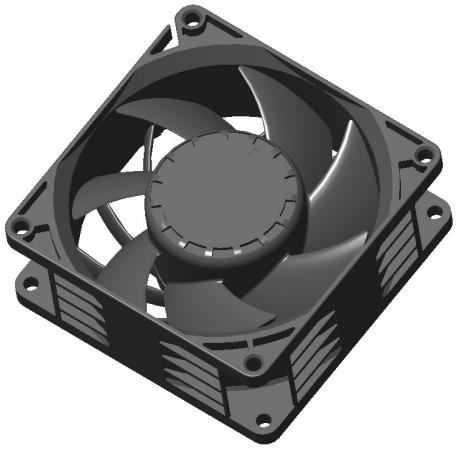


Mounting Panel Cut-outs



Model	Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Pressure (mmH2O)	Noise (db(A))	Curve
A9225BBLNF2300SR	12	0.10	1.20	2500	42.00	2.70	30.0	3
A9225BBMNF2300SR	12	0.26	3.12	3500	60.30	5.20	39.0	2
A9225BHMNF2300SR	12	0.50	6.00	4500	72.30	6.80	46.0	1

DC Axial Fan - 9238-A

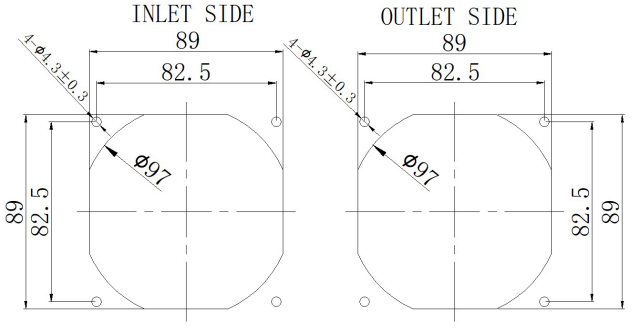


92 x 92 x 38 MM SERIES

General Specifications

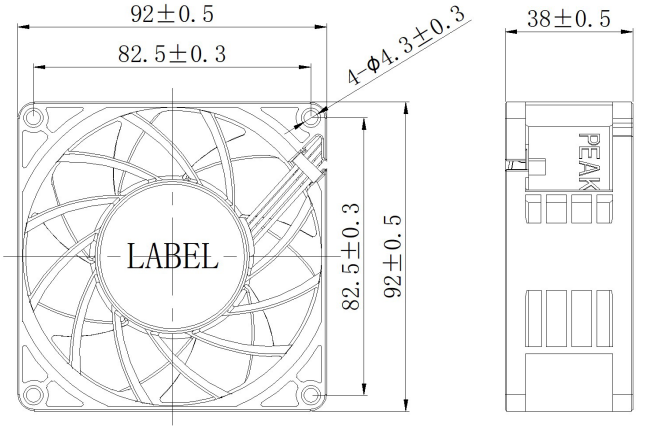
- Impeller: Plastic(Black)94V-0
- Frame: Plastic(Black)94V-0
- Bearing: Ball Bearing
- Life Expectancy: 70000hrs at 40°C
- Operating Temp: -10°C ~70 °C
- Wire/Terminal type: According to the customer's requests
- Mass Weight: 290g (Ref)
- IP Protection Level: IP50~ IP68

Mounting Panel Cut-outs

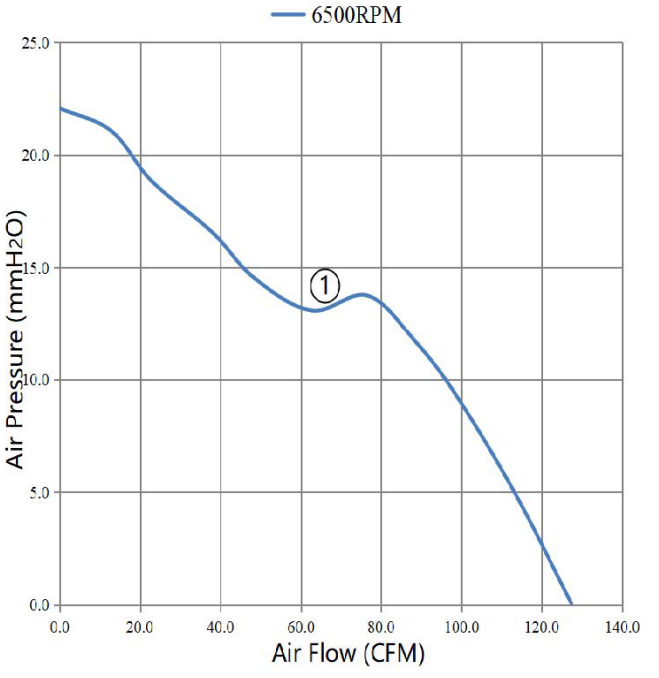


External Dimensions

Unit: mm

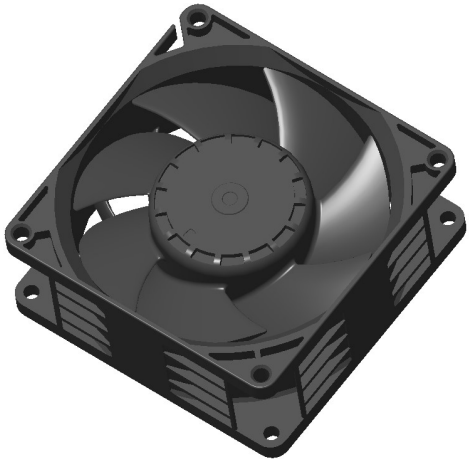


Performance P&Q Curves



Model	Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Pressure (mmH2O)	Noise (db(A))	Curve
A9238CBMNF2300SR	24	0.56	13.44	6500	127.40	22.00	56.5	1

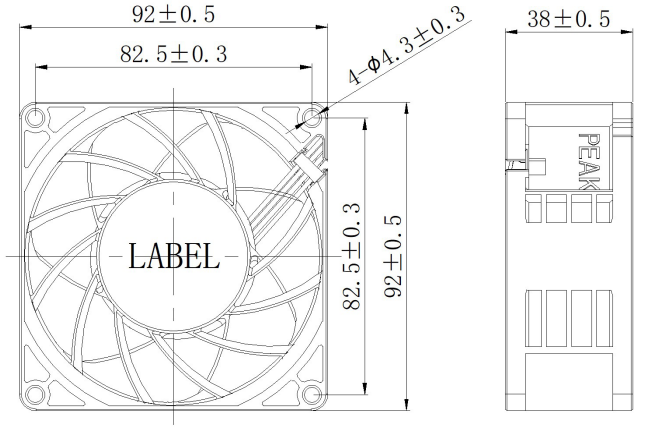
DC Axial Fan - 9238-B



92 x 92 x 38 MM SERIES

External Dimensions

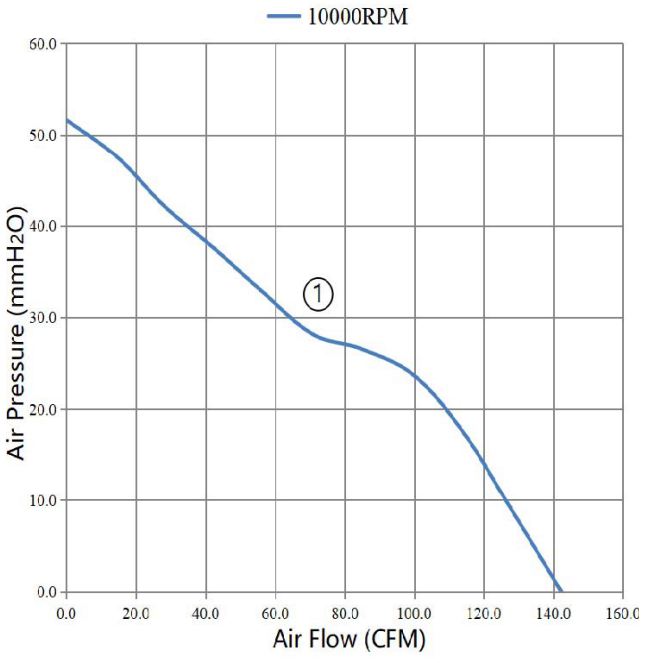
Unit: mm



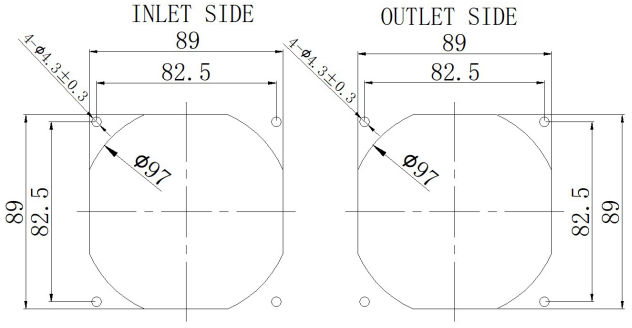
General Specifications

- Impeller: Plastic(Black)94V-0
- Frame: Plastic(Black)94V-0
- Bearing: Ball Bearing
- Life Expectancy: 70000hrs at 40°C
- Operating Temp: -10°C ~70 °C
- Wire/Terminal type: According to the customer's requests
- Mass Weight: 290g (Ref)
- IP Protection Level: IP50~ IP68

Performance P&Q Curves

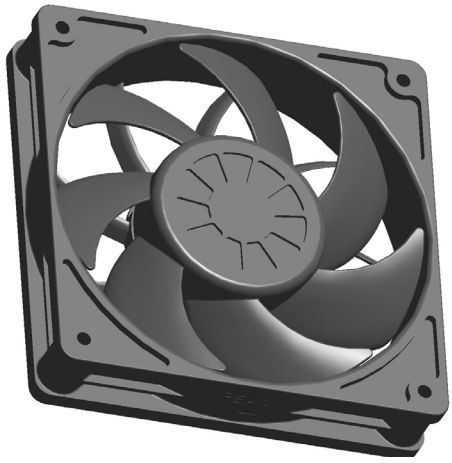


Mounting Panel Cut-outs



Model	Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Pressure (mmH2O)	Noise (db(A))	Curve
A9238CBMNF2300SR	24	1.00	24.00	10000	142.20	51.60	65.0	1

DC Axial Fan - 12025

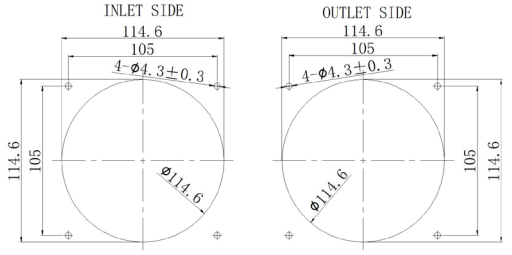


120 x 120 x 25.4 MM SERIES

General Specifications

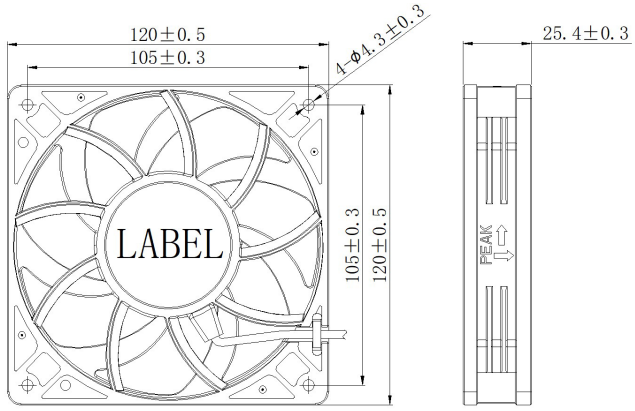
- Impeller: Plastic(Black)94V-0
- Frame: Plastic(Black)94V-0
- Bearing: Ball Bearing
- Life Expectancy: 70000hrs at 40°C
- Operating Temp: -20°C ~80 °C
- Wire/Terminal type: According to the customer's requests
- Mass Weight: 240g (Ref)
- IP Protection Level: IP50~ IP68

Mounting Panel Cut-outs

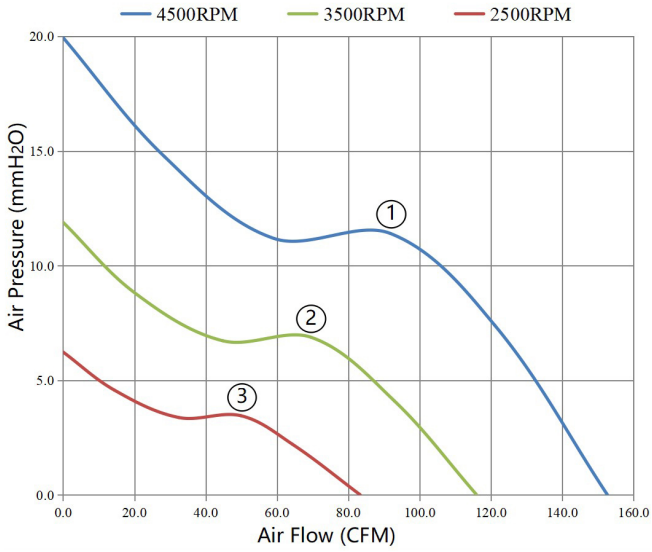


External Dimensions

Unit: mm



Performance P&Q Curves



Model	Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Pressure (mmH2O)	Noise (db(A))	Curve
AC025BBLNF2100SS	12	0.26	3.12	2500	83.20	6.20	40.0	3
AC025BBMNF2100SS	12	0.56	6.72	3500	115.90	11.90	50.5	2
AC025BBHNF2100SS	12	1.17	14.04	4500	152.70	19.90	56.0	1
AC025CBHNF2100SR	24	0.12	2.88	2500	83.20	6.20	40.0	3
AC025CBHNF2100SR	24	0.24	5.76	3500	115.90	11.90	50.5	2
AC025CBHNF2100SR	24	0.53	12.72	4500	152.70	19.90	56.0	1
AC025EBLNF2100ST	48	0.08	3.84	2500	83.20	6.20	40.0	3
AC025EBMNF2100ST	48	0.15	7.20	3500	115.90	11.90	50.5	2
AC025EBHNF2100ST	48	0.28	13.44	4500	152.70	19.90	56.0	1

DC Axial Fan - 12038

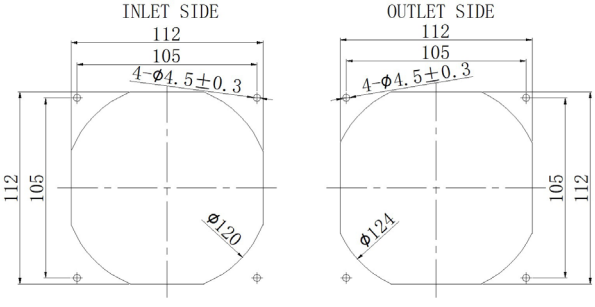


120 x 120 x 38 MM SERIES

General Specifications

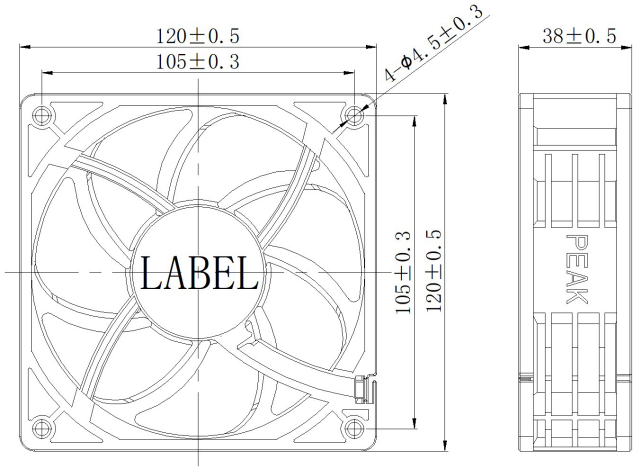
- Impeller: Plastic(Black)94V-0
- Frame: Plastic(Black)94V-0
- Bearing: Ball Bearing
- Life Expectancy: 70000hrs at 40°C
- Operating Temp: -10°C ~70 °C
- Wire/Terminal type: According to the customer's requests
- Mass Weight: 320g (Ref)
- IP Protection Level: IP50~ IP54

Mounting Panel Cut-outs

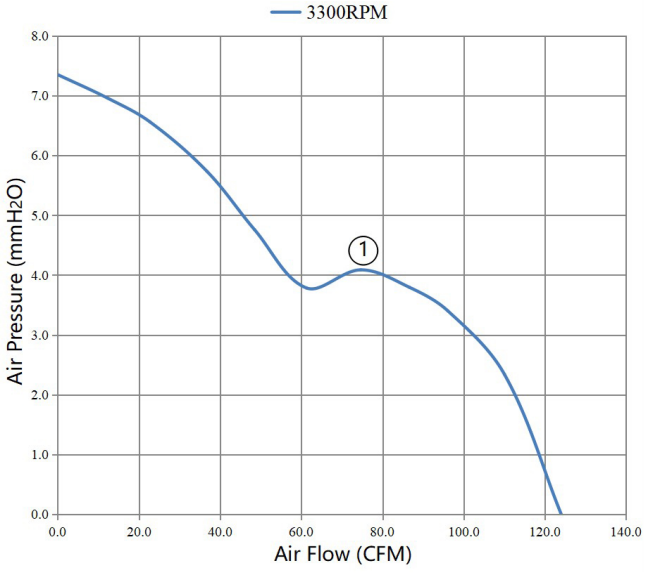


External Dimensions

Unit: mm



Performance P&Q Curves



Model	Voltage (VDC)	Current (A)	Power (W)	Speed (RPM)	Air Flow (CFM)	Air Pressure (mmH2O)	Noise (db(A))	Curve
A1238BBLNG2300SR	12	0.50	6.00	3300	124.00	7.35	45.0	1



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