

Full range of products tool book



ADDA Corporation

NEW AD 040 05 H B 56 7 3 00

AD

AB=Blower
AD=Dc Axial Fan
AG=Great Performance
AP=Chip Cooler
AQ=Waterproof Fan
AR=Round Frame
AS=Dynamic Static Strc.
AY=Rib Fan/no heat sink

040- Frame Size

1mmx1mm ~ 999mmx999mm

05-Voltage

03=3VDC
05=5VDC
12=12VDC
24=24VDC
48=48VDC

H-Speed

D=Ultra low
L=Low
M=Medium
H=High
U=Ultra High
X=Over Ultra High
V=Max. High Speed
E=Over Max. High Speed



B-Bearing Type

B=Two Ball
S=Sleeve
X=Hypro
F=FDB

56-Thickness

00mm~99mm / A0=100mm /
B0=110mm / C0=120mm

7-Impeller number

5= 5 blades 7= 7 blades 9= 9 blades
A=11 blades B=13 blades C=15 blades
D=17 blades E=19 blades F=21 blades
0=Blower blade shape
M=Multiple Fan

3-Function

0=By impedance 1=By IC 2=RD
3=FG
4=By IC with variable speed sensor(VS)
6=By transistor FG
7=two speed
8=VS+FG
9=PWM control
A=VS+RD
B=PWM+FG
C=FG+RD

00-Randomize



OLD AD 06 12 H X A 7 3 GL

AD

AB=Blower AD=Dc Axial Fan
AP=Chip Cooler AQ=Waterproof Fan
AW=CPU Cooler

06- Frame Size

15=15mm 20=20mm 02=25mm 03=30mm
35=35mm 04=40mm 45=45mm 50=55mm
05=52mm 06=60mm 07=70mm 08=80mm
09=92mm 12=120mm 17=172mm
A= 01mm B= 02mm C= 03mm D= 04mm E= 05mm
F= 06mm G= 07mm H= 08mm J= 09mm K= 10mm
L= 11mm M= 12mm N= 13mm P= 14mm S= 17mm
T= 18mm U= 19mm V= 20mm W= 21mm X= 22mm
Y= 23mm Z= 24mm

05-Voltage

05=5VDC 12=12VDC 24=24VDC 48=48VDC

H-Speed

D= Ultra Low L= Low M= Medium
H= High U= Ultra High
V= Max. High Speed
X= Over Ultra High

X-Bearing Type

B=Ball bearing S=Sleeve bearing
X=Hypro

A-Thickness

A=25mm B=28mm C=20mm D=15mm
E=12mm F=38mm G=10mm H=13mm
J= 8mm K= 6mm L=14mm M=23mm
P=18mm Q= 7mm R= 9mm S=16mm
T=11mm V= 4mm Y=32mm Z=33mm

7-Impeller number

5= 5 blades 7= 7 blades 9= 9 blades
A=11 blades B=13 blades C=15 blades
D=17 blades E=19 blades F=21 blades
0=Blower blade shape

3-Function

0=By impedance 1=By IC 2=RD
3=FG
4=By IC with variable speed sensor(VS)
6=By transistor FG 7=two speed
8=VS+FG 9=PWM control
A=VS+RD B=PWM+FG C=RD+FG

GL-Fan type

GL=Low Noise
Blank=Standard
GP=Great Performance
DS=Dynamic & Static



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VISIT US

New Technology of AC fan

Smart AC Fan 120x120x38

AA 1281HB-AWR2

- Low noise
- Low cost
- Low power consumption
- Super low speed operation
- Auto speed control by temperature
- Speed adjustment for the linear curve

Being restricted by the AC voltage and frequency, the max. and min. speed of AC Fan will be confined as well, which is especially true when running at lower speed. Therefore, it would be imperative on how to use low-energy consumption approach to achieve the design lower than the normal product. ADDA can be specifically designed as required by the customer:

A. Constant RPM: Slower than the rpm of normal commercial product.

B. Manual Adjusting Type: Min. speed can be set as required by the customer.

C. Automatic thermal control type.

EPaper

All about ADDA

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EPaper
All about ADDA

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Honors & Certifications



1995	Taiwan Excellence
1996	Elite Award Taiwan Excellence for two items
1997	Taiwan Excellence
1998	Rising Star Award Taiwan Excellence for three items
1999	Taiwan Excellence for five items
2000	Taiwan Excellence for three items Gold Award of National Symbol of Excellence
2001~2003	Taiwan Excellence for eleven items
2004	Taiwan Excellence for three items
2005	Taiwan Excellence for three items
2006	Taiwan Excellence for three items
2007~2008	Taiwan Excellence for three items
2009	Taiwan Excellence
2010	Taiwan Excellence for two items

AWARDS

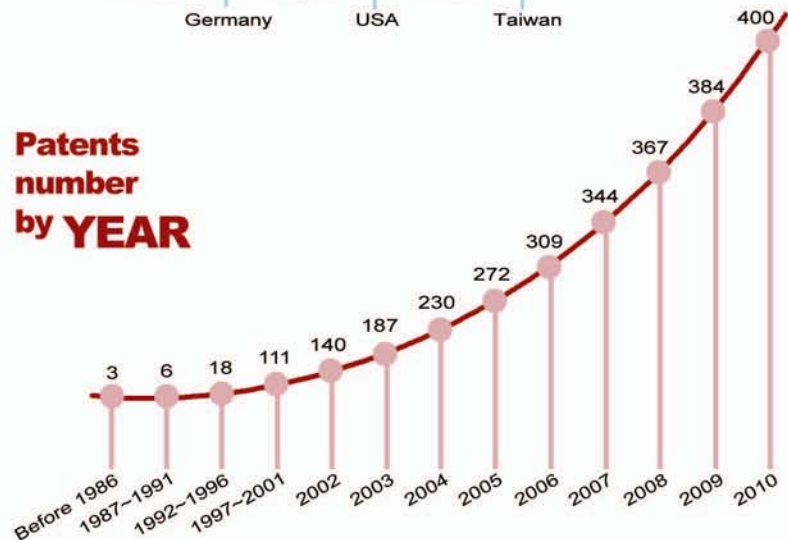
Safety Approvals



Patents number by COUNTRY



Patents number by YEAR



Cooling technology in vehicle.

ADDA will not only design the IT thermal solution but also extend our products & services to the applications of non-IT market.
www.adda.com.tw



For refrigerator
Size: AD9225



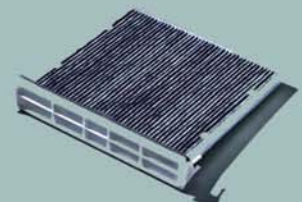
For seat cushion
Size: AD5020



For audio
Size: AD4510



For air filter
Size: AD4010



CLOUD COMPUTING



COMMUNICATION

TRAVEL

AMUSEMENT

INFORMATION SECURITY

HEALTH

	MODEL NO.	BEARING TYPE	SPEED (RPM)	AIR FLOW (CFM)	STATIC PRESSURE (Inch-H2O)	ACOUSTIC (dB/A)	PRODUCT FEATURES
AS4056	AS04012UB565BB1	2 Ball	In:19000/ Out:21000	27.32	2.76	66.9	High performance High Efficiency
AS6038	AS06012UB385BB0	2 Ball	17500	65	3.35	68.0	High Efficiency
AD8025	AD08012HB2576A0	Ball / Hypro	3700	44.76	0.25	37.9	Supersilent
	AD08012MB2576A0		3000	35.42	0.16	32.9	
	AD08012LB2576A0		2000	23.31	0.08	23.6	
AS8038	AS08012DB385BB1	2 Ball	10000	73.82	1.74	59.1	High Efficiency
	AS08012LB385BB1		12000	87.40	2.30	63.6	
	AS08012MB385BB1		14000	102.28	2.75	67.2	
	AS08012HB385BB1		16000	121.69	4.39	69.5	
AS9238	AS09212UB389BB0	2 Ball	8000	174	1.71	67.8	High Efficiency
	AS09248UB389BB0		8000	174	1.71	67.8	



AS8038



AS9238



AS6038



AS4056



AD8025

3 reasons to Choose ADDA Green FAN

- Energy saving more than 35% than before.
- The best electronics overheating resolution for 3C product.
- Providing you great protection without extra cost.



Energy saving & Low cost





NEW ENERGY-SAVING axial fan

	MODEL NO.	BEARING TYPE	SPEED (RPM)	AIR FLOW (CFM)	STATIC PRESSURE (Inch-H2O)	ACOUSTIC (dB/A)
 AD8025	AD08012UB257000	2 Ball Sleeve Hypro Bearing	3400	46.132	0.201	38.5
	AD08012HB257000		3000	40.259	0.154	33.4
	AD08012MB257000		2500	33.400	0.117	28.3
	AD08012LB257000		2100	28.387	0.075	22.1
	AD08024HB257000		3000	40.259	0.154	33.4
	AD08024MB257000		2500	33.400	0.117	28.3
	AD08024LB257000		2100	28.387	0.075	22.1
 AD9225	AD09212UB257000	2 Ball Sleeve Hypro Bearing	3300	61.929	0.187	42.2
	AD09212HB257000		2900	56.069	0.146	37.5
	AD09212MB257000		2400	45.577	0.101	31.2
	AD09212LB257000		2100	40.689	0.081	29.2
	AD09212DB257000		1600	30.303	0.034	19.1
	AD09224HB257000		2900	56.069	0.146	37.5
	AD09224MB257000		2400	45.577	0.101	31.2
AD09224LB257000	2100	40.689	0.081	29.2		
 AD12025	AD12012DB257100	2 Ball Sleeve Hypro Bearing	1500	57.205	0.074	27.2
	AD12012LB257100		1800	71.806	0.093	34.4
	AD12012MB257100		2050	81.054	0.113	38
	AD12012HB257100		2200	87.87	0.134	39.1
	AD12012UB257100		2500	98.965	0.174	43.3
 AD12032	AD12012DB325100	2 Ball Sleeve Hypro Bearing	1450	59.461	0.075	26.9
	AD12012LB325100		2000	82.981	0.123	36.2
	AD12012MB325100		2400	99.069	0.167	41.1
	AD12012HB325100		2750	111.71	0.241	43.3
	AD12012UB325100		3200	133.44	0.317	48.4
 AD12038	AD12012DB385100	2 Ball Sleeve Hypro Bearing	1500	57.292	0.085	28.4
	AD12012LB385100		1950	71.635	0.128	36.2
	AD12012MB385100		2540	96.3	0.228	45
	AD12012HB385100		2800	105.461	0.265	46.7
	AD12012UB385100		3200	120.109	0.335	48
 AD13525	AD13512DB259100	2 Ball Sleeve Hypro Bearing	1500	65.337	0.08	28.5
	AD13512LB259100		1800	77.949	0.107	33.6
	AD13512MB259100		2050	90.149	0.138	37.8
	AD13512HB259100		2200	95.373	0.19	39
	AD13512UB259100		2500	108.629	0.233	42.5



I can't believe that it is
amazing in water.



From now on, AC can be dived into deep ocean...

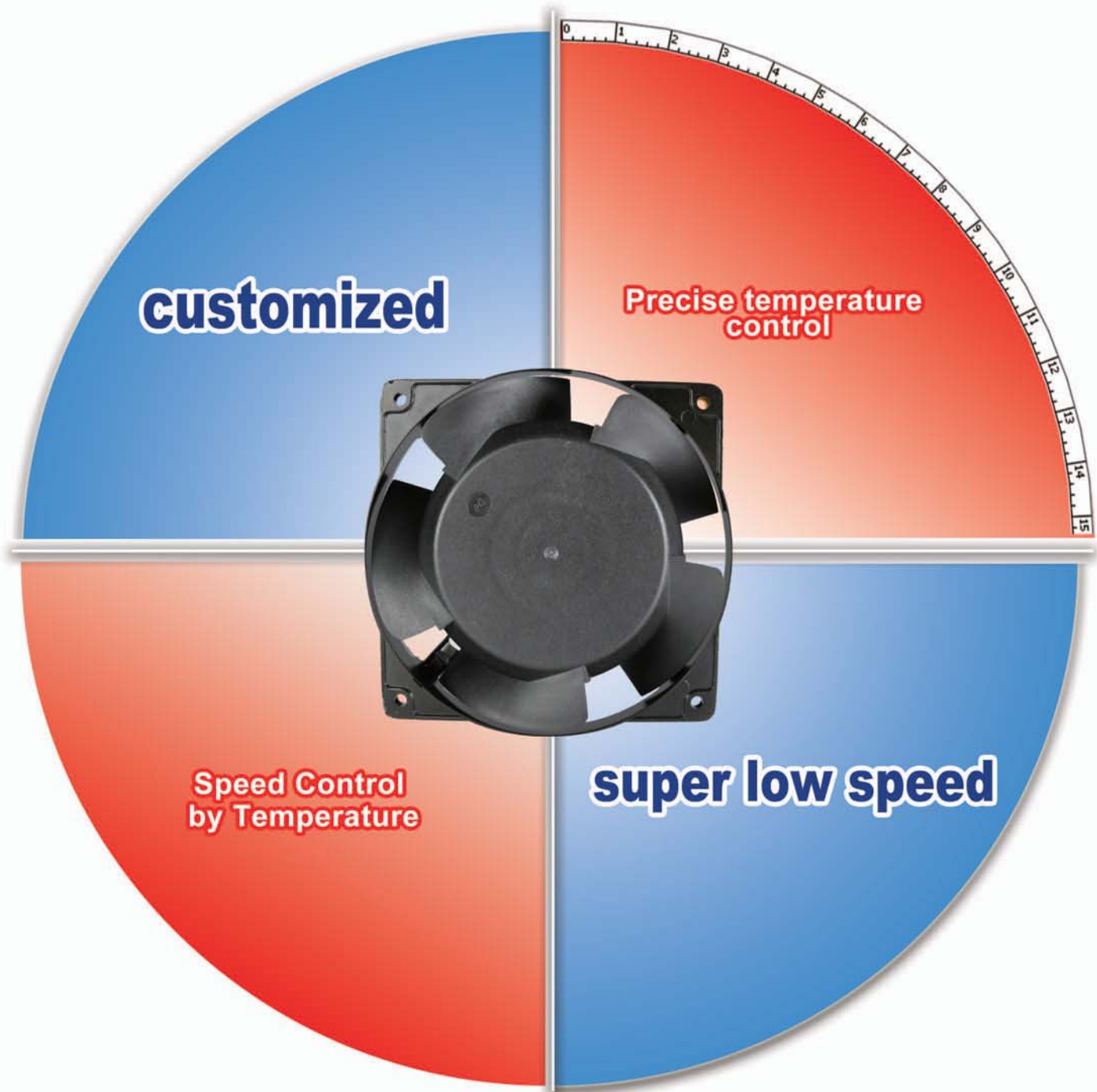


AC in water

AQ1282HB-AWR2

Smart AC fan

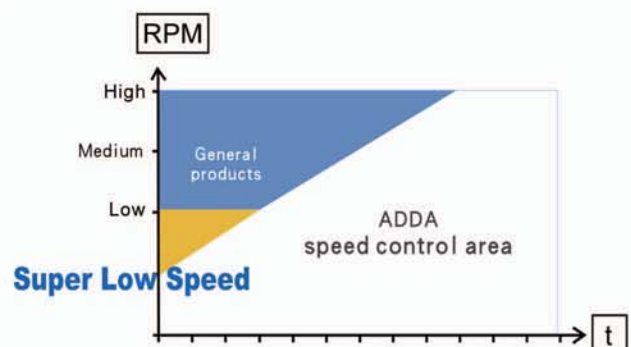
With your will, with your speed



AA1281HB-AWR2(T) SIZE: 120x120x38mm



- Low Noise
- Lower Cost
- Lower Power Consumption
- Low-speed Operation
- Temperature-oriented Auto-Speed Adjustment
- Customer-adjustable RPM
- Adjustable RPM-to-Linear Curve





With ADDA, you are guaranteed to get
5 promises.

1. Full range products.
2. Promptly delivery.
3. Customized technology.
4. Consignment with your need.
5. Excellent services.



DC FAN	AC FAN	Blower	Waterproof & Dustproof	DC chipcooler
				

DC Fan

AD 15mm ~ 172mm / Thickness : min 04mm ~ max 76mm

AS 38mm ~ 140mm / Thickness : min 25mm ~ max 76mm

AG 20mm ~ 127mm / Thickness : min 10mm ~ max 38mm



80x80x76



40x40x28



40x40x56



120x120x38

●=Ball ☆=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AD1504	15x15x04	AD1502LX-471(XD)	●	2.5	0.07	0.19	16000	0.009 0.33	0.040 1.016	15.0	1.9
	15x15x06	AD1505LX-K90(X)	●	5	0.04	0.20	9000	0.003 0.10	0.020 0.510	9.6	1.4
	15x15x06	AD1505MX-K90(X)	●	5	0.04	0.20	12000	0.005 0.16	0.029 0.726	12.0	1.4
	15x15x06	AD1505HX-K90(X)	●	5	0.04	0.20	15000	0.006 0.22	0.045 1.155	19.0	1.4
	15x15x06	AD1512LX-K90(X)	●	12	0.03	0.36	9000	0.003 0.10	0.020 0.510	9.6	1.4
	15x15x06	AD1512MX-K90(X)	●	12	0.04	0.48	12000	0.005 0.16	0.029 0.726	12.0	1.4
AD1506	15x15x06	AD1512HX-K90(X)	●	12	0.05	0.60	15000	0.006 0.22	0.045 1.155	19.0	1.4
AD2006	20x20x06	AD2005DX-K70	○●	5	0.06	0.28	7000	0.01 0.30	0.02 0.51	12.0	4
	20x20x06	AD2005LX-K70	○●	5	0.10	0.48	10500	0.01 0.50	0.05 1.27	20.0	4
	20x20x10	AD2005LB-G70	◎○●	5	0.06	0.30	9000	0.01 0.50	0.04 1.02	15.0	6
AD2010	20x20x10	AD2005MB-G70	◎○●	5	0.09	0.47	11500	0.02 0.60	0.06 1.52	22.0	6
	20x20x10	AD2012LB-G70	◎○●	12	0.04	0.50	9000	0.01 0.50	0.04 1.02	15.0	6
	20x20x10	AD2012MB-G70	◎○●	12	0.05	0.60	11500	0.02 0.60	0.06 1.52	22.0	6
AG2010	20x20x10	AG02005LX107100	●	5	0.08	0.39	12000	0.04 1.50	0.21 5.33	21.0	4.8
	20x20x10	AG02005MX107100	●	5	0.09	0.45	14000	0.05 1.80	0.25 6.35	26.0	4.8
	20x20x10	AG02005HX107100	●	5	0.13	0.65	17000	0.06 2.10	0.38 9.65	30.0	4.8
AD2506	25x25x06	AD0205DX-K50	○●	5	0.05	0.26	7000	0.04 1.40	0.06 1.52	14.0	5
	25x25x06	AD0205LX-K50	○●	5	0.09	0.43	9000	0.05 1.80	0.11 2.79	21.5	5
	25x25x06	AD0205MX-K50	○●	5	0.11	0.57	12000	0.07 2.40	0.19 4.70	29.0	5
	25x25x06	AD0205HX-K50	○●	5	0.15	0.74	14000	0.07 2.60	0.20 5.08	35.0	5
	25x25x06	AD0212LX-K50	○●	12	0.05	0.55	9000	0.05 1.80	0.11 2.79	21.5	5
	25x25x06	AD0212MX-K50	○●	12	0.05	0.64	12000	0.07 2.40	0.19 4.70	29.0	5
AD2510	25x25x10	AD0205LB-G50GL	◎○●	5	0.08	0.40	8000	0.05 1.60	0.09 2.29	18.3	8
	25x25x10	AD0205MB-G50GL	◎○●	5	0.08	0.50	10000	0.06 2.10	0.15 3.81	23.0	8
	25x25x10	AD0212DB-G50GL	◎○●	12	0.04	0.48	6000	0.04 1.31	0.07 1.65	12.5	8
	25x25x10	AD0212LB-G50GL	◎○●	12	0.05	0.84	8000	0.05 1.60	0.09 2.29	18.3	8
AD2515	25x25x15	AD0212MB-G50GL	◎○●	12	0.06	0.72	10000	0.06 2.10	0.15 3.81	23.0	8
AD2515	25x25x15	AD0205LX-D50	◎●	5	0.04	0.19	5000	0.03 1.12	0.03 0.76	14.0	8
	25x25x15	AD0205MX-D50	◎●	5	0.05	0.23	6000	0.04 1.48	0.07 1.78	17.5	8
	25x25x15	AD0205HX-D50	◎●	5	0.11	0.55	8000	0.05 1.87	0.11 2.90	20.0	8
AD3006	25x25x15	AD0205HX-D51	◎●	5	0.07	0.35	8000	0.05 1.87	0.11 2.90	20.0	8
	30x30x06	AD0305DX-K70	○●	5	0.05	0.23	6000	0.06 2.00	0.06 1.52	18.0	6
	30x30x06	AD0305LX-K70	○●	5	0.06	0.32	7500	0.07 2.40	0.08 2.03	22.0	6
	30x30x06	AD0305MX-K70	○●	5	0.10	0.52	9000	0.08 3.00	0.11 2.79	26.5	6
	30x30x06	AD0305HX-K70	○●	5	0.12	0.60	10500	0.10 3.50	0.15 3.81	32.0	6

DC Fan



60x60x25



140x140x51

*:Noise is measured at the distance of 1 meter from the axis of intake.
Specifications are subject to change without prior notice.

⊙=Ball ⊖=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AD3006	30x30x06	AD0312LX-K70	○●	12	0.04	0.46	7500	0.07 2.40	0.08 2.03	22.0	6
	30x30x06	AD0312HX-K70	○●	12	0.06	0.77	10500	0.10 3.50	0.15 3.81	32.0	6
	30x30x10	AD0305DB-G50	⊙○●	5	0.45	0.23	6000	0.06 2.20	0.07 1.73	19.0	8
	30x30x10	AD0305LB-G50	⊙○●	5	0.07	0.35	8000	0.08 3.00	0.12 2.92	26.0	8
	30x30x10	AD0305MB-G50	⊙○●	5	0.10	0.51	9000	0.09 3.30	0.15 3.76	30.0	8
	30x30x10	AD0305HB-G50	⊙○●	5	0.10	0.48	10500	0.11 4.00	0.20 5.08	34.0	8
	30x30x10	AD0312DB-G50	⊙○●	12	0.04	0.42	6000	0.06 2.20	0.07 1.73	19.0	8
	30x30x10	AD0312LB-G50	⊙○●	12	0.05	0.60	8000	0.08 3.00	0.12 2.92	26.0	8
AD3010	30x30x10	AD0312MB-G50	⊙○●	12	0.05	0.54	9000	0.09 3.30	0.15 3.76	30.0	8
	30x30x10	AD0312HB-G50	⊙○●	12	0.05	0.64	10500	0.11 4.00	0.20 5.08	34.0	8
	30x30x10	AG03005LX105100	●	5	0.07	0.35	6500	0.10 3.46	0.10 2.52	17.5	6.5
	30x30x10	AG03005MX105100	●	5	0.11	0.55	8000	0.12 4.34	0.14 3.48	22.3	6.5
AG3010	30x30x10	AG03005HX105100	●	5	0.12	0.60	9500	0.15 5.45	0.20 5.18	27.0	6.5
	30x30x15	AD0305LB-D50	⊙	5	0.04	0.19	4500	0.06 2.20	0.05 1.13	10.0	10
	30x30x15	AD0305MB-D50	⊙○	5	0.06	0.28	5500	0.07 2.60	0.07 1.50	16.0	10
AD3015	30x30x15	AD0305HB-D50	⊙○	5	0.11	0.55	7000	0.10 3.70	0.11 2.75	22.5	10
	35x35x06	AD3505LX-K70	○●	5	0.06	0.31	6500	0.10 3.50	0.08 2.03	24.0	7
	35x35x06	AD3505MX-K70	○●	5	0.10	0.48	8000	0.12 4.20	0.10 2.54	33.0	7
AD3506	35x35x06	AD3512LX-K70	○●	12	0.05	0.55	6500	0.10 3.50	0.08 2.03	24.0	7
	35x35x06	AD3512MX-K70	○●	12	0.05	0.59	8000	0.12 4.20	0.10 2.54	33.0	7
	35x35x10	AD3505DB-G50	⊙○●	5	0.04	0.21	4500	0.08 3.00	0.05 1.27	17.0	9
	35x35x10	AD3505LB-G50	⊙○●	5	0.09	0.44	7000	0.14 5.00	0.10 2.54	28.0	9
AD3510	35x35x10	AD3505MB-G50	⊙○●	5	0.13	0.63	8000	0.17 6.00	0.17 4.32	32.0	9
	35x35x10	AD3505HB-G50	⊙○●	5	0.15	0.73	9500	0.20 7.20	0.20 5.08	36.0	9
	35x35x10	AD3512LB-G50	⊙○●	12	0.05	0.60	7000	0.14 5.00	0.10 2.54	28.0	9
	35x35x10	AD3512MB-G50	⊙○●	12	0.05	0.62	8000	0.17 6.00	0.17 4.32	32.0	9
	35x35x10	AD3512HB-G50	⊙○●	12	0.09	1.08	9500	0.20 7.20	0.20 5.08	36.0	9
	35x35x10	AG03512MX105300	●	12	0.09	1.08	7500	0.18 6.30	0.14 3.56	27.0	9.1
	35x35x10	AG03512HX105300	●	12	0.83	1.00	9500	0.23 8.13	0.25 6.30	34.0	9.1
AD3828DS	38x38x28	AD3812UB-B5BDS(P)	⊙	12	0.18	2.10	10000	0.37 13.20	0.76 19.30	45.5	40
	38x38x28	AD3812XB-B5BDS(P)	⊙	12	0.39	4.72	13000	0.50 17.50	1.29 32.77	52.0	40
	38x38x28	AD3812VB-B5BDS(P)	⊙	12	0.45	5.35	15000	0.57 20.00	1.68 42.67	54.0	40
	38x38x28	AD3812MB-B51GP(TP)	⊙	12	0.11	1.32	7000	0.21 7.50	0.26 6.70	28.5	38
	38x38x28	AD3812HB-B51GP(TP)	⊙	12	0.22	2.64	9000	0.28 10.00	0.44 11.10	36.5	38
AD3828GP	38x38x28	AD3812UB-B51GP(TP)	⊙	12	0.26	3.12	11000	0.35 12.40	0.66 16.70	41.0	38

DC Fan

AD 15mm ~ 172mm / Thickness : min 04mm ~ max 76mm

AS 38mm ~ 140mm / Thickness : min 25mm ~ max 76mm

AG 20mm ~ 127mm / Thickness : min 10mm ~ max 38mm



80x80x76



40x40x28



40x40x56



120x120x38

⊙=Ball ※=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AS3848	38x38x48	AS03812UB485300	⊙	12	1.50	18.00	in:22400/ out:13000	0.75 26.64	2.68 68.10	64.0	83
	40x40x06	AD0405LX-K90(X)	○●	5	0.04	0.20	4800	0.12 4.22	0.05 1.21	22.0	9
	40x40x06	AD0405MX-K90(X)	○●	5	0.07	0.35	5800	0.14 5.10	0.07 1.77	27.6	9
	40x40x06	AD0405HX-K90(X)	○●	5	0.10	0.50	6600	0.16 5.80	0.09 2.28	31.0	9
	40x40x06	AD0412LX-K90(X)	○●	12	0.04	0.48	4800	0.12 4.22	0.05 1.21	22.0	9
	40x40x06	AD0412MX-K90(X)	○●	12	0.05	0.60	5800	0.14 5.10	0.07 1.77	27.6	9
AD4006	40x40x06	AD0412HX-K90(X)	○●	12	0.06	0.72	6600	0.16 5.80	0.09 2.28	31.0	9
	40x40x10	AG04012DB107100	⊙	12	0.05	0.60	4000	0.12 4.20	0.06 1.52	15.0	17
	40x40x10	AG04012LB107100	⊙	12	0.06	0.72	5000	0.15 5.46	0.09 2.18	23.2	17
	40x40x10	AG04012MB107100	⊙	12	0.07	0.84	6000	0.19 6.81	0.12 3.05	26.5	17
	40x40x10	AG04012HB107100	⊙	12	0.08	0.96	7000	0.23 8.04	0.16 4.14	31.0	17
	40x40x10	AG04012UB107100	⊙	12	0.10	1.20	8000	0.26 9.21	0.20 5.08	35.7	17
AG4010	40x40x10	AG04012XB107100	⊙	12	0.13	1.56	9000	0.29 10.31	0.23 5.94	37.2	17
	40x40x10	AG04012VB107100	⊙	12	0.17	2.04	10000	0.32 11.40	0.33 8.43	39.1	17
	40x40x10	AD0405DB-G70(T)	⊙※○●	5	0.05	0.25	3300	0.09 3.30	0.04 1.12	14.0	17
	40x40x10	AD0405LB-G70(T)	⊙※○●	5	0.07	0.35	4200	0.12 4.20	0.06 1.52	21.0	17
	40x40x10	AD0405MB-G70(T)	⊙※○●	5	0.11	0.55	4800	0.14 5.00	0.08 1.98	22.0	17
	40x40x10	AD0405HB-G70(T)	⊙※○●	5	0.16	0.80	6000	0.18 6.20	0.10 2.54	26.0	17
AD4010	40x40x10	AD0405UB-G70(T)	⊙※○●	5	0.19	0.95	6800	0.20 7.00	0.17 4.32	29.0	17
	40x40x10	AD0412DB-G70(T)	⊙※○●	12	0.04	0.48	3300	0.09 3.30	0.04 1.12	14.0	17
	40x40x10	AD0412LB-G70(T)	⊙※○●	12	0.06	0.72	4200	0.12 4.20	0.06 1.52	21.0	17
	40x40x10	AD0412MB-G70(T)	⊙※○●	12	0.06	0.72	4800	0.14 5.00	0.08 1.98	22.0	17
	40x40x10	AD0412HB-G70(T)	⊙※○●	12	0.09	1.08	6000	0.18 6.20	0.10 2.54	26.0	17
	40x40x10	AD0412UB-G70(T)	⊙※○●	12	0.09	1.08	6800	0.20 7.00	0.17 4.32	29.0	17
	40x40x10	AD0424DB-G70(T)	⊙※○●	24	0.02	0.48	3300	0.09 3.30	0.04 1.12	14.0	17
	40x40x10	AD0424LB-G70(T)	⊙※○●	24	0.03	0.72	4200	0.12 4.20	0.06 1.52	21.0	17
	40x40x10	AD0424MB-G70(T)	⊙※○●	24	0.04	0.96	4800	0.14 5.00	0.08 1.98	22.0	17
	40x40x10	AD0424HB-G70(T)	⊙※○●	24	0.06	1.44	6000	0.18 6.20	0.10 2.54	26.0	17
	40x40x10	AD0424UB-G70(T)	⊙※○●	24	0.08	1.92	6800	0.20 7.00	0.17 4.32	29.0	17
	AD4010(8)	40x40x10	AD0405LB-G70(8)	⊙○※●	5	0.07	0.35	4200	0.12 4.20	0.06 1.52	21.0
40x40x10		AD0405MB-G70(8)	⊙○※●	5	0.11	0.55	4800	0.14 5.00	0.08 1.98	22.0	17
40x40x10		AD0405HB-G70(8)	⊙○※●	5	0.16	0.80	6000	0.18 6.20	0.10 2.54	26.0	17
40x40x10		AD0412LB-G70(8)	⊙○※●	12	0.06	0.72	4200	0.12 4.20	0.06 1.52	21.0	17
40x40x10		AD0412MB-G70(8)	⊙○※●	12	0.06	0.72	4800	0.14 5.00	0.08 1.98	22.0	17



60x60x25



140x140x51

*:Noise is measured at the distance of 1 meter from the axis of intake.
Specifications are subject to change without prior notice.

⊙=Ball ※=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AD4010(8)	40x40x10	AD0424LB-G70(8)	⊙○※●	24	0.03	0.72	4200	0.12 4.20	0.06 1.52	21.0	17
	40x40x10	AD0424MB-G70(8)	⊙○※●	24	0.04	0.96	4800	0.14 5.00	0.08 1.98	22.0	17
	40x40x10	AD0424HB-G70(8)	⊙○※●	24	0.06	1.44	6000	0.18 6.20	0.10 2.54	26.0	17
AD4015	40x40x15	AD0412LB-D51	⊙	12	0.07	0.84	6000	0.18 6.47	0.16 4.09	25.8	27
	40x40x15	AD0412MB-D51	⊙	12	0.09	1.08	7000	0.22 7.60	0.20 5.08	31.8	27
	40x40x15	AD0412HB-D51	⊙	12	0.11	1.32	8000	0.24 8.48	0.25 6.32	36.0	27
AG4015	40x40x15	AG04012DB157300	⊙	12	0.06	0.72	6000	0.22 7.98	0.16 4.14	29.3	21
	40x40x15	AG04012LB157300	⊙	12	0.07	0.84	7000	0.26 9.36	0.22 5.69	33.2	21
	40x40x15	AG04012MB157300	⊙	12	0.09	1.08	8000	0.30 10.56	0.29 7.29	36.9	21
	40x40x15	AG04012HB157300	⊙	12	0.12	1.44	9000	0.34 11.99	0.35 8.94	39.6	21
	40x40x15	AG04012UB157300	⊙	12	0.17	2.04	10000	0.38 13.31	0.42 10.69	41.7	21
	40x40x15	AG04012XB157300	⊙	12	0.21	2.52	11000	0.42 14.69	0.52 13.08	43.5	21
AD4020	40x40x20	AD0405DB-C50	⊙※●	5	0.09	0.45	4200	0.13 4.49	0.08 2.03	17.5	28
	40x40x20	AD0405LB-C50	⊙※●	5	0.14	0.70	6200	0.20 7.00	0.17 4.19	30.0	28
	40x40x20	AD0405MB-C50	⊙※●	5	0.16	0.80	6900	0.22 7.74	0.20 5.08	33.0	28
	40x40x20	AD0405HB-C50	⊙※●	5	0.25	1.25	7800	0.25 8.80	0.28 7.11	36.0	28
	40x40x20	AD0412DB-C50	⊙※●	12	0.04	0.48	4200	0.13 4.49	0.08 2.03	17.5	28
	40x40x20	AD0412LB-C50	⊙※●	12	0.07	0.84	6200	0.20 7.00	0.17 4.19	30.0	28
	40x40x20	AD0412MB-C50	⊙※●	12	0.08	0.96	6900	0.22 7.74	0.20 5.08	33.0	28
	40x40x20	AD0412HB-C50	⊙※●	12	0.10	1.20	7800	0.25 8.80	0.28 7.11	36.0	28
	40x40x20	AD0412UB-C50	⊙※●	12	0.14	1.68	8500	0.27 9.58	0.32 8.13	37.5	28
	40x40x20	AD0424DB-C50	⊙※●	24	0.14	1.68	4200	0.13 4.49	0.08 2.03	17.5	28
	40x40x20	AD0424LB-C50	⊙※●	24	0.05	1.20	6200	0.20 7.00	0.17 4.19	30.0	28
	40x40x20	AD0424MB-C50	⊙※●	24	0.06	1.44	6900	0.22 7.74	0.20 5.08	33.0	28
	40x40x20	AD0424HB-C50	⊙※●	24	0.07	1.68	7800	0.25 8.80	0.28 7.11	36.0	28
		40x40x20	AD0412LB-C73GP(P)	⊙	12	0.08	0.96	5000	0.18 6.40	0.15 3.81	19.0
	40x40x20	AD0412MB-C73GP(P)	⊙	12	0.12	1.44	6200	0.23 8.00	0.23 5.84	26.0	28
	40x40x20	AD0412HB-C73GP(P)	⊙	12	0.14	1.68	7200	0.27 9.40	0.32 8.13	30.0	28
	40x40x20	AD0412UB-C73GP(P)	⊙	12	0.15	1.80	8200	0.31 11.00	0.40 10.16	33.0	28
AD4020GP	40x40x20	AD0412XB-C73GP(P)	⊙	12	0.24	2.88	10000	0.37 13.00	0.54 13.72	42.0	28
AD4028	40x40x28	AD0412DB-B31	⊙	12	0.05	0.60	4500	0.17 5.90	0.09 2.34	19.2	38
	40x40x28	AD0412LB-B31	⊙	12	0.08	0.93	6000	0.21 7.70	0.17 4.32	31.0	38
	40x40x28	AD0412MB-B31	⊙	12	0.10	1.20	7500	0.27 9.60	0.22 5.59	34.6	38
	40x40x28	AD0412HB-B31	⊙	12	0.16	1.92	9000	0.35 12.20	0.35 8.76	39.0	38
	40x40x28	AD0412UB-B31	⊙	12	0.20	2.40	10000	0.37 13.10	0.45 11.43	42.5	38

DC Fan

AD 15mm ~ 172mm / Thickness : min 04mm ~ max 76mm

AS 38mm ~ 140mm / Thickness : min 25mm ~ max 76mm

AG 20mm ~ 127mm / Thickness : min 10mm ~ max 38mm



80x80x76



40x40x28



40x40x56



120x120x38

⊙=Ball ※=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AD4028	40x40x28	AD0424HB-B31	⊙	24	0.08	1.92	8100	0.31 10.80	0.27 6.96	36.2	38
	40x40x28	AD0412HB-B5BDS(HFP)	⊙	12	0.30	3.60	11000	0.51 18.10	0.87 22.45	48.0	42
	40x40x28	AD0412UB-B5BDS(HFP)	⊙	12	0.40	4.80	13000	0.62 22.00	1.20 30.48	52.5	42
	40x40x28	AD0412XB-B5BDS(HFP)	⊙	12	0.59	7.08	15000	0.72 25.20	1.60 40.64	56.0	42
AD4028DS(HFP)	40x40x28	AD0412VB-B5BDS(HFP)	⊙	12	0.70	8.40	16000	0.76 27.00	1.85 46.99	58.0	42
	40x40x28	AD0412MB-B53GP(P)	⊙	12	0.14	1.68	8000	0.31 11.00	0.34 8.50	36.0	38
	40x40x28	AD0412HB-B53GP(P)	⊙	12	0.15	1.80	9000	0.37 13.00	0.41 10.50	41.0	38
	40x40x28	AD0412UB-B53GP(P)	⊙	12	0.20	2.40	11000	0.45 16.00	0.63 16.00	45.0	38
AD4028GP	40x40x28	AD0412XB-B53GP(P)	⊙	12	0.45	5.40	13000	0.54 19.00	0.87 20.00	49.0	38
	40x40x28	AD0412VB-B53GP(P)	⊙	12	0.50	6.00	15000	0.59 21.00	1.14 29.00	53.0	38
	40x40x28	AD04012DB285300(OOLAP)	⊙	12	0.13	1.56	8000	0.25 8.75	0.43 10.94	27.4	57
	40x40x28	AD04012LB285300(OOLAP)	⊙	12	0.21	2.52	11000	0.36 12.63	0.72 18.40	36.8	57
AD4028	40x40x28	AD04012MB285300(OOLAP)	⊙	12	0.32	3.84	14000	0.45 15.89	1.24 31.50	46.6	57
	40x40x28	AD04012HB285300(OOLAP)	⊙	12	0.50	6.00	16500	0.54 19.23	1.71 43.50	48.8	57
	40x40x28	AD04012UB285300(OOLAP)	⊙	12	0.60	7.20	18000	0.59 20.72	1.95 49.80	50.8	57
	40x40x48	AD0412UB-N5BDS(48P)	⊙	12	0.84	10.08	in:12800/ out:10200	0.71 25.20	1.20 30.48	59.0	74
AD4048DS	40x40x48	AD0412XB-N5BDS(48P)	⊙	12	0.99	11.88	in:14000/ out:11000	0.76 27.00	1.41 35.81	60.5	74
AS4056	40x40x56	AS04012XB565B00	⊙	12	1.00	12.00	in:16000/ out:8000	0.78 27.50	2.00 50.00	60.5	84
	40x40x56	AS04012LB565B01	⊙	12	0.80	9.60	in:14000/ out:13000	0.69 24.27	1.58 40.13	62.3	103
	40x40x56	AS04012MB565B01	⊙	12	1.00	12.00	in:15000/ out:14000	0.78 27.42	1.82 46.32	63.6	103
	40x40x56	AS04012HB565B01	⊙	12	1.10	13.20	in:16000/ out:15000	0.83 29.47	2.11 53.46	65.0	103
AS4056	40x40x56	AS04012UB565B01	⊙	12	1.30	15.60	in:17000/ out:16000	0.90 31.70	2.49 63.18	66.1	103
AD4506	45x45x06	AD4505LX-K90(X)	○●	5	0.05	0.25	4500	0.16 5.80	0.06 1.42	23.0	11
	45x45x06	AD4505MX-K90(X)	○●	5	0.07	0.35	5500	0.20 7.20	0.08 2.03	27.4	11
	45x45x06	AD4505HX-K90(X)	○●	5	0.10	0.50	6200	0.23 8.25	0.10 2.54	32.6	11
	45x45x06	AD4512LX-K90(X)	○●	12	0.04	0.48	4500	0.16 5.80	0.06 1.42	23.0	11
	45x45x06	AD4512MX-K90(X)	○●	12	0.05	0.60	5500	0.20 7.20	0.08 2.03	27.4	11
	45x45x06	AD4512HX-K90(X)	○●	12	0.06	0.72	6200	0.23 8.25	0.10 2.54	32.6	11
AD4510	45x45x10	AD4505LB-G70(T)	⊙○※●	5	0.09	0.45	3800	0.16 5.82	0.05 1.36	17.5	17
	45x45x10	AD4505MB-G70(T)	⊙○※●	5	0.12	0.60	4500	0.20 7.01	0.07 1.79	22.0	17
	45x45x10	AD4505HB-G70(T)	⊙○※●	5	0.18	0.90	5500	0.24 8.67	0.10 2.57	27.4	17
	45x45x10	AD4512LB-G70(T)	⊙○※●	12	0.06	0.72	3800	0.16 5.82	0.05 1.36	17.5	17
	45x45x10	AD4512MB-G70(T)	⊙○※●	12	0.06	0.72	4500	0.20 7.01	0.07 1.79	22.0	17
	45x45x10	AD4512HB-G70(T)	⊙○※●	12	0.09	1.08	5500	0.24 8.67	0.10 2.57	27.4	17
	45x45x10	AD4524LB-G70(T)	⊙○※●	24	0.03	0.72	3800	0.16 5.82	0.05 1.36	17.5	17



60x60x25



140x140x51

*: Noise is measured at the distance of 1 meter from the axis of intake.
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⊙=Ball ※=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AD4510	45x45x10	AD4524MB-G70(T)	⊙○※●	24	0.05	1.20	4500	0.20 7.01	0.07 1.79	22.0	17
	45x45x10	AD4524HB-G70(T)	⊙○※●	24	0.06	1.44	5500	0.24 8.67	0.10 2.57	27.4	17
	50x50x10	AD0505LB-G70(T)	⊙○※●	5	0.10	0.45	3700	0.23 8.00	0.05 1.27	20.0	18
	50x50x10	AD0505MB-G70(T)	⊙○※●	5	0.13	0.65	4300	0.25 9.00	0.08 2.03	24.0	18
	50x50x10	AD0505HB-G70(T)	⊙○※●	5	0.22	1.10	5000	0.29 10.30	0.10 2.54	27.5	18
	50x50x10	AD0512LB-G70(T)	⊙○※●	12	0.08	0.96	3700	0.23 8.00	0.05 1.27	20.0	18
	50x50x10	AD0512MB-G70(T)	⊙○※●	12	0.10	1.20	4300	0.25 9.00	0.08 2.03	24.0	18
	50x50x10	AD0512HB-G70(T)	⊙○※●	12	0.12	1.44	5000	0.29 10.30	0.10 2.54	27.5	18
AD5010	50x50x10	AD0524LB-G70(T)	⊙○※●	24	0.05	1.20	3700	0.23 8.00	0.05 1.27	20.0	18
	50x50x10	AD0524MB-G70(T)	⊙○※●	24	0.06	1.44	4300	0.25 9.00	0.08 2.03	24.0	18
	50x50x10	AD0524HB-G70(T)	⊙○※●	24	0.08	1.92	5000	0.29 10.30	0.10 2.54	27.5	18
	50x50x10	AD0505LB-G70(8)	⊙○※●	5	0.10	0.45	3900	0.25 9.00	0.06 1.52	20.0	18
	50x50x10	AD0505MB-G70(8)	⊙○※●	5	0.15	0.75	4600	0.29 10.40	0.10 2.54	25.0	18
	50x50x10	AD0505HB-G70(8)	⊙○※●	5	0.23	1.15	5200	0.32 11.20	0.12 3.05	28.0	18
	50x50x10	AD0512LB-G70(8)	⊙○※●	12	0.08	0.96	3900	0.25 9.00	0.06 1.52	20.0	18
	50x50x10	AD0512MB-G70(8)	⊙○※●	12	0.09	1.08	4600	0.29 10.40	0.10 2.54	25.0	18
AD5010(8)	50x50x10	AD0512HB-G70(8)	⊙○※●	12	0.12	1.44	5200	0.32 11.00	0.12 3.05	28.0	18
	50x50x10	AD0524LB-G70(8)	⊙○※●	24	0.05	1.20	3900	0.24 8.40	0.07 1.78	21.0	18
	50x50x10	AD0524MB-G70(8)	⊙○※●	24	0.06	1.44	4600	0.29 10.40	0.10 2.54	25.0	18
	50x50x10	AD0524HB-G70(8)	⊙○※●	24	0.08	1.92	5200	0.31 11.00	0.12 3.05	28.0	18
	50x50x15	AD5005HB-D70	⊙※●	5	0.21	1.05	4800	0.40 14.30	0.13 3.28	34.0	27
	50x50x15	AD5012LB-D70	⊙※●	12	0.07	0.84	3600	0.31 11.00	0.07 1.78	25.0	27
	50x50x15	AD5012MB-D70	⊙※●	12	0.08	0.96	4300	0.37 13.00	0.10 2.54	30.0	27
	50x50x15	AD5012HB-D70	⊙※●	12	0.11	1.32	4800	0.40 14.30	0.13 3.28	34.0	27
AD5015	50x50x15	AD5012UB-D70	⊙※●	12	0.14	1.68	5500	0.47 16.50	0.18 4.57	37.5	27
AD5020-5	50x50x20	AD5012UB-C50(T)	⊙●	12	0.19	2.22	6300	0.49 17.40	0.26 6.50	37.5	43
	50x50x20	AD5012LB-C71	⊙※●	12	0.08	0.96	3600	0.34 12.00	0.08 2.03	24.0	32
	50x50x20	AD5012MB-C71	⊙※●	12	0.10	1.20	4300	0.42 15.00	0.11 2.79	29.0	32
	50x50x20	AD5012HB-C71	⊙※●	12	0.13	1.56	5000	0.50 17.50	0.15 3.81	33.7	32
	50x50x20	AD5012UB-C71	⊙※●	12	0.19	2.22	6000	0.57 20.00	0.21 5.33	38.4	32
	50x50x20	AD5024LB-C71	⊙※●	24	0.06	1.44	3600	0.34 12.00	0.08 2.03	24.0	32
	50x50x20	AD5024MB-C71	⊙※●	24	0.08	1.92	4300	0.42 15.00	0.11 2.79	29.0	32
	50x50x20	AD5024HB-C71	⊙※●	24	0.11	2.64	5000	0.50 17.50	0.15 3.81	33.7	32
AD5020-7	50x50x20	AD5024UB-C71	⊙※●	24	0.15	3.60	6000	0.57 20.00	0.21 5.33	38.4	32
AD6010(11)	60x60x10	AD0605LB-GA0(GL)	⊙○※●	5	0.26	1.30	3400	0.41 14.50	0.09 2.39	26.0	30

DC Fan

AD 15mm ~ 172mm / Thickness : min 04mm ~ max 76mm

AS 38mm ~ 140mm / Thickness : min 25mm ~ max 76mm

AG 20mm ~ 127mm / Thickness : min 10mm ~ max 38mm



80x80x76



40x40x28



40x40x56



120x120x38

⊙=Ball ※=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)	
AD6010(11)	60x60x10	AD0605MB-GA0(GL)	⊙○※●	5	0.33	1.65	4000	0.49 17.30	0.13 3.23	31.7	30	
	60x60x10	AD0612LB-GA0(GL)	⊙○※●	12	0.10	1.20	3400	0.41 14.50	0.09 2.39	26.0	30	
	60x60x10	AD0612MB-GA0(GL)	⊙○※●	12	0.16	1.92	4000	0.49 17.30	0.13 3.23	31.7	30	
	60x60x10	AD0612HB-GA0(GL)	⊙○※●	12	0.25	3.00	4600	0.59 21.00	0.17 4.19	35.8	30	
AD6010(7)	60x60x10	AD0605LB-G70(T)	⊙○※●	5	0.11	0.55	3500	0.28 9.76	0.06 1.50	23.0	23	
	60x60x10	AD0605MB-G70(T)	⊙○※●	5	0.13	0.65	4200	0.34 12.00	0.09 2.29	28.0	23	
	60x60x10	AD0612LB-G70(T)	⊙○※●	12	0.09	1.08	3500	0.28 9.76	0.06 1.51	23.0	23	
	60x60x10	AD0612MB-G70(T)	⊙○※●	12	0.11	1.32	4200	0.34 12.00	0.09 2.29	28.0	23	
AG6015	60x60x15	AD0612HB-G70(T)	⊙○※●	12	0.12	1.44	4900	0.42 14.82	0.12 3.00	35.0	23	
AD6015(7)	60x60x15	AG06012HB159000	⊙	12	0.14	1.68	4500	0.55 19.44	0.15 3.73	32.4	38	
	60x60x15	AD0605LB-D70GL(T)	⊙○※●	5	0.12	0.60	3500	0.35 12.33	0.08 2.06	24.8	40	
	60x60x15	AD0605MB-D70GL(T)	⊙○※●	5	0.18	0.90	3900	0.41 14.32	0.12 3.10	28.8	40	
	60x60x15	AD0605HB-D70GL(T)	⊙○※●	5	0.22	1.10	4500	0.45 15.82	0.15 3.71	33.4	40	
	60x60x15	AD0612DB-D70GL(T)	⊙○※●	12	0.06	0.72	3100	0.31 10.80	0.06 1.63	21.3	40	
	60x60x15	AD0612LB-D70GL(T)	⊙○※●	12	0.07	0.84	3500	0.35 12.33	0.08 2.06	24.8	40	
	60x60x15	AD0612MB-D70GL(T)	⊙○※●	12	0.08	0.96	3900	0.41 14.32	0.12 3.10	28.8	40	
	60x60x15	AD0612HB-D70GL(T)	⊙○※●	12	0.09	1.08	4500	0.45 15.82	0.15 3.71	33.4	40	
	60x60x15	AD0612UB-D70GL(T)	⊙○※●	12	0.12	1.44	5100	0.52 18.36	0.17 4.29	38.6	40	
	60x60x15	AD0624HB-D70GL(T)	⊙○※●	24	0.05	1.20	4500	0.45 15.82	0.15 3.71	33.4	40	
	AD6015(9)	60x60x15	AD0612DB-D90(T)	⊙○※●	12	0.07	0.84	3100	0.43 15.00	0.07 1.65	23.0	38
		60x60x15	AD0612LB-D90(T)	⊙○※●	12	0.08	0.96	3500	0.48 17.10	0.09 2.16	27.9	38
60x60x15		AD0612MB-D90(T)	⊙○※●	12	0.12	1.44	3900	0.52 18.61	0.10 2.59	30.2	38	
AD6020(T)	60x60x20	AD0612HB-D90(T)	⊙○※●	12	0.17	2.04	4500	0.63 22.24	0.14 3.58	32.7	38	
AD6020(T)	60x60x20	AD0605DB-C70GL(T)	⊙※●	5	0.07	0.35	3000	0.30 10.74	0.05 1.37	18.4	49	
	60x60x20	AD0605LB-C70GL(T)	⊙※●	5	0.12	0.60	3500	0.35 12.50	0.08 2.08	23.5	49	
	60x60x20	AD0605MB-C70GL(T)	⊙※●	5	0.16	0.80	3900	0.40 14.28	0.11 2.84	28.0	49	
	60x60x20	AD0605HB-C70GL(T)	⊙※●	5	0.18	0.90	4600	0.46 16.46	0.14 3.40	31.0	49	
	60x60x20	AD0612DB-C70GL(T)	⊙※●	12	0.05	0.60	3000	0.30 10.74	0.05 1.37	18.4	49	
	60x60x20	AD0612LB-C70GL(T)	⊙※●	12	0.06	0.72	3500	0.35 12.50	0.08 2.08	23.5	49	
	60x60x20	AD0612MB-C70GL(T)	⊙※●	12	0.08	0.96	3900	0.40 14.28	0.11 2.84	28.0	49	
	60x60x20	AD0612HB-C70GL(T)	⊙※●	12	0.10	1.44	4600	0.46 16.46	0.14 3.40	31.0	49	
	60x60x20	AD0612UB-C70GL(T)	⊙※●	12	0.13	1.56	5100	0.53 18.93	0.18 4.06	35.5	49	
	60x60x20	AD0612XB-C70GL(T)	⊙※●	12	0.20	2.40	6100	0.67 23.55	0.28 7.19	39.0	49	
	60x60x20	AD0624MB-C70GL(T)	⊙※●	24	0.04	0.96	3900	0.40 14.28	0.11 2.84	28.0	49	
	60x60x20	AD0624HB-C70GL(T)	⊙※●	24	0.05	1.44	4600	0.46 16.46	0.14 3.40	31.0	49	

DC Fan



60x60x25



140x140x51

*: Noise is measured at the distance of 1 meter from the axis of intake.
Specifications are subject to change without prior notice.

⊙=Ball ※=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AG6020	60x60x20	AG06012DB207600	⊙●	12	0.16	1.92	4000	0.56 19.75	0.17 4.32	31.8	47.6
	60x60x20	AG06012LB207600	⊙●	12	0.18	2.16	4500	0.64 22.74	0.21 5.42	35.4	47.6
	60x60x20	AG06012MB207600	⊙●	12	0.20	2.40	5000	0.72 25.32	0.26 6.64	38.6	47.6
	60x60x20	AG06012HB207600	⊙●	12	0.23	2.76	5500	0.83 29.14	0.32 8.21	40.8	47.6
	60x60x20	AG06012UB207600	⊙●	12	0.28	3.36	6000	0.87 30.82	0.37 9.42	43.2	47.6
	60x60x20	AD0605DB-C71GL	⊙※●	5	0.07	0.35	3000	0.31 10.94	0.08 1.93	18.4	49
	60x60x20	AD0605LB-C71GL	⊙※●	5	0.10	0.60	3500	0.37 13.00	0.10 2.57	23.6	49
	60x60x20	AD0605MB-C71GL	⊙※●	5	0.13	0.80	3900	0.42 14.75	0.13 3.20	25.2	49
	60x60x20	AD0605HB-C71GL	⊙※●	5	0.18	0.90	4500	0.50 17.66	0.17 4.29	30.2	49
	60x60x20	AD0612DB-C71GL	⊙※●	12	0.04	0.60	3000	0.31 10.94	0.08 1.93	18.4	49
AD6020	60x60x20	AD0612LB-C71GL	⊙※●	12	0.05	0.72	3500	0.37 13.00	0.10 2.57	23.6	49
	60x60x20	AD0612MB-C71GL	⊙※●	12	0.06	0.96	3900	0.42 14.75	0.13 3.20	25.2	49
	60x60x20	AD0612HB-C71GL	⊙※●	12	0.08	1.44	4500	0.50 17.66	0.17 4.29	30.2	49
	60x60x20	AD0612UB-C71GL	⊙※●	12	0.09	1.56	5100	0.54 19.01	0.21 5.36	34.1	49
	60x60x20	AD0612XB-C71GL	⊙※●	12	0.13	2.40	6100	0.67 23.58	0.30 7.52	38.0	49
	60x60x20	AD0624MB-C71GL	⊙※●	24	0.05	0.96	3900	0.42 14.75	0.13 3.20	25.2	49
	60x60x20	AD0624HB-C71GL	⊙※●	24	0.06	1.44	4500	0.50 17.66	0.17 4.29	30.2	49
	60x60x25	AD0605LB-A71GL	⊙※○●	5	0.08	0.40	2500	0.37 13.20	0.06 1.60	18.1	53
	60x60x25	AD0605MB-A71GL	⊙※○●	5	0.17	0.85	3500	0.51 17.88	0.13 3.18	27.9	53
	60x60x25	AD0605HB-A71GL	⊙※○●	5	0.35	1.75	4500	0.69 24.33	0.21 5.26	36.3	53
AD6025	60x60x25	AD0612LB-A71GL	⊙※○●	12	0.04	0.48	2500	0.37 13.20	0.06 1.60	18.1	53
	60x60x25	AD0612MB-A71GL	⊙※○●	12	0.08	0.96	3500	0.51 17.88	0.13 3.18	27.9	53
	60x60x25	AD0612HB-A71GL	⊙※○●	12	0.13	1.56	4500	0.69 24.33	0.21 5.26	36.3	53
	60x60x25	AD0612UB-A71GL	⊙※○●	12	0.21	2.52	5000	0.79 27.88	0.24 6.15	37.6	53
	60x60x25	AD0612XB-A71GL	⊙	12	0.30	3.60	6100	0.89 31.40	0.32 8.13	42.9	53
	60x60x25	AD0624LB-A71GL	⊙※○●	24	0.07	1.68	2500	0.37 13.20	0.06 1.60	18.1	53
	60x60x25	AD0624MB-A71GL	⊙※○●	24	0.06	1.44	3500	0.51 17.88	0.13 3.18	27.9	53
	60x60x25	AD0624HB-A71GL	⊙※○●	24	0.08	2.88	4500	0.69 24.33	0.21 5.26	36.3	53
	60x60x25	AD0624UB-A71GL	⊙※○●	24	0.10	2.40	5000	0.79 27.88	0.24 6.15	37.6	53
	AD6025GP	60x60x25	AD0612LB-A71GP(P)	⊙	12	0.05	0.60	2500	0.32 11.34	0.07 1.83	20.0
60x60x25		AD0612MB-A71GP(P)	⊙	12	0.07	0.84	3500	0.44 15.60	0.14 3.66	29.7	77
60x60x25		AD0612HB-A71GP(P)	⊙	12	0.11	1.32	4500	0.61 21.59	0.24 5.97	35.3	77
60x60x25		AD0612UB-A71GP(P)	⊙	12	0.21	2.52	5500	0.75 26.56	0.35 8.81	40.4	77
60x60x25		AD0612XB-A71GP(P)	⊙	12	0.28	3.60	6500	0.90 31.77	0.49 12.21	44.3	77
60x60x25		AD0612VB-A71GP(P)	⊙	12	0.45	4.32	7500	1.06 37.31	0.69 17.48	53.3	77

DC Fan

AD 15mm ~ 172mm / Thickness : min 04mm ~ max 76mm

AS 38mm ~ 140mm / Thickness : min 25mm ~ max 76mm

AG 20mm ~ 127mm / Thickness : min 10mm ~ max 38mm



80x80x76



40x40x28



40x40x56



120x120x38

⊙=Ball ※=Sleeve ○=1B1S ●=Hypro bearing

Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)	
AD6025	60x60x25	AD06012DB257000	⊙※●	12	0.03	0.36	2000	0.28 9.98	0.05 1.24	12.4	53
	60x60x25	AD06012LB257000	⊙※●	12	0.04	0.48	2500	0.36 12.71	0.08 1.93	15.9	53
	60x60x25	AD06012MB257000	⊙※●	12	0.08	0.96	3500	0.49 17.34	0.13 3.33	26.9	53
	60x60x25	AD06012HB257000	⊙※●	12	0.12	1.44	4500	0.66 23.34	0.23 5.92	33.8	53
	60x60x25	AD06012UB257000	⊙※●	12	0.18	2.16	5000	0.73 25.97	0.28 7.19	37.1	53
	60x60x25	AD06012DB257100	⊙※●	12	0.03	0.36	2000	0.28 9.98	0.05 1.24	12.4	53
	60x60x25	AD06012LB257100	⊙※●	12	0.05	0.60	2500	0.36 12.71	0.08 1.93	15.9	53
	60x60x25	AD06012MB257100	⊙※●	12	0.08	0.96	3500	0.49 17.34	0.13 3.33	26.9	53
	60x60x25	AD06012HB257100	⊙※●	12	0.13	1.56	4500	0.66 23.34	0.23 5.92	33.8	53
	60x60x25	AD06012UB257100	⊙※●	12	0.16	1.92	5000	0.73 25.97	0.28 7.19	37.1	53
	60x60x25	AD06012XB257100	⊙※●	12	0.26	3.24	6000	0.89 31.38	0.37 9.30	42.8	53
	60x60x25	AD06012VB257100	⊙	12	0.28	3.36	6600	0.98 34.70	0.44 11.13	46.8	53
AD6025(T)	60x60x25	AD0605LB-A70GL(T)	⊙※○●	5	0.10	0.50	2500	0.37 13.20	0.06 1.60	18.1	53
	60x60x25	AD0605MB-A70GL(T)	⊙※○●	5	0.19	0.95	3500	0.51 18.18	0.12 3.10	28.6	53
	60x60x25	AD0612LB-A70GL(T)	⊙※○●	12	0.06	0.72	2500	0.37 13.20	0.06 1.60	18.1	53
	60x60x25	AD0612MB-A70GL(T)	⊙※○●	12	0.10	1.20	3500	0.51 18.18	0.12 3.10	28.6	53
	60x60x25	AD0612HB-A70GL(T)	⊙※○●	12	0.19	2.28	4500	0.69 24.49	0.20 5.11	36.0	53
	60x60x25	AD0612UB-A70GL(T)	⊙※○●	12	0.25	3.00	5000	0.76 27.00	0.23 5.84	40.0	53
	60x60x25	AD0624MB-A70GL(T)	⊙※○●	24	0.06	1.44	3500	0.51 18.18	0.12 3.10	28.6	53
	60x60x25	AD0624HB-A70GL(T)	⊙※○●	24	0.12	2.88	4500	0.69 24.49	0.20 5.11	36.0	53
AD6038	60x60x38	AD0612MB-F73DS	⊙	12	0.28	3.36	6000	1.02 36.00	0.56 14.29	50.5	109
	60x60x38	AD0612HB-F73DS	⊙	12	0.64	7.68	8000	1.36 48.00	0.98 25.00	58.0	109
AS6038	60x60x38	AS06012XB387100	⊙	12	2.59	31.08	16000	2.25 89.00	2.96 75.18	68.6	120.6
AS6076	60x60x76	AS06012HB765300	⊙	12	1.60	19.20	in:11500/ out:7000	1.88 66.54	2.01 51.00	64.5	260
	60x60x76	AS06012UB765300	⊙	12	2.60	31.20	in:11000/ out:13000	2.30 81.07	2.44 61.90	67.9	260
AD7015(11)	70x70x15	AD0712DB-DA0(T)	⊙○※●	12	0.07	0.84	2500	0.53 18.83	0.07 1.85	28.7	54
	70x70x15	AD0712LB-DA0(T)	⊙○※●	12	0.08	0.96	3000	0.61 21.50	0.09 2.34	32.7	54
	70x70x15	AD0712MB-DA0(T)	⊙○※●	12	0.12	1.44	3500	0.72 25.10	0.12 3.10	35.3	54
	70x70x15	AD0712HB-DA0(T)	⊙○※●	12	0.18	2.16	4000	0.84 29.30	0.18 4.45	39.0	54
	70x70x15	AD0712UB-DA0(T)	⊙○※●	12	0.28	3.36	4500	0.99 34.80	0.20 4.91	43.4	54
AD7510(T-7)	70x70x15	AD0712DB-D70(T)	⊙○※●	12	0.07	0.84	2500	0.56 19.90	0.08 1.91	26.3	54
	70x70x15	AD0712LB-D70(T)	⊙○※●	12	0.11	1.32	3000	0.70 24.90	0.11 2.68	30.1	54
	70x70x15	AD0712MB-D70(T)	⊙○※●	12	0.15	1.80	3500	0.82 29.23	0.14 3.64	34.5	54
	70x70x15	AD0712HB-D70(T)	⊙○※●	12	0.23	2.76	4000	0.95 33.65	0.19 4.66	39.4	54

DC Fan



60x60x25



140x140x51

*: Noise is measured at the distance of 1 meter from the axis of intake.
Specifications are subject to change without prior notice.

⊙=Ball ※=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AG7020-9	70x70x20	AG07012HB209300(0PJ)	⊙	12	0.30	3.60	4500	1.15 40.78	0.26 6.60	41.5	61
	70x70x20	AG07012UB209300(0PJ)	⊙	12	0.35	4.20	5000	1.26 44.50	0.31 7.87	43.5	61
AG7025	70x70x25	AG07012XB257100	⊙	12	1.03	12.36	7500	2.17 76.85	0.98 24.89	54.3	90
AD7025GP	70x70x25	AD0712LB-A73GP	⊙	12	0.17	2.04	3700	1.06 37.30	0.18 4.52	36.8	90
	70x70x25	AD0712MB-A73GP	⊙	12	0.22	2.62	4200	1.19 42.00	0.22 5.64	40.6	90
	70x70x25	AD0712HB-A73GP	⊙	12	0.30	3.60	4700	1.33 46.90	0.30 7.62	43.0	90
	70x70x25	AD0712UB-A73GP	⊙	12	0.33	3.96	5000	1.41 49.70	0.38 9.65	44.0	90
AD7025(T)	70x70x25	AD0712DB-A70GL(T)	⊙※●○	12	0.68	0.84	2500	0.62 21.90	0.08 2.03	21.0	61
	70x70x25	AD0712LB-A70GL(T)	⊙※●○	12	0.10	1.20	3300	0.80 28.20	0.15 3.45	31.6	61
	70x70x25	AD0712MB-A70GL(T)	⊙※●○	12	0.12	1.44	3800	0.91 32.30	0.18 4.47	33.6	61
	70x70x25	AD0712HB-A70GL(T)	⊙※●○	12	0.18	2.16	4200	1.01 35.50	0.22 5.51	38.0	61
	70x70x25	AD0712UB-A70GL(T)	⊙※●○	12	0.20	2.40	4500	1.10 38.90	0.25 6.15	38.9	61
	70x70x25	AD0724MB-A70GL(T)	⊙※●○	24	0.09	2.40	3800	0.91 32.30	0.18 4.47	33.6	61
	70x70x25	AD0724HB-A70GL(T)	⊙※●○	24	0.11	3.12	4200	1.01 35.50	0.22 5.51	38.0	61
AD7038	70x70x38	AD0712UB-F7BDS	⊙	12	0.62	7.44	6500	1.71 60.30	0.67 17.48	57.6	95
AD7530	75x75x30	AD7512LB	⊙※●	12	0.08	0.96	2200	0.20 6.89	0.19 4.83	29.0	80
	75x75x30	AD7512MB	⊙※●	12	0.11	1.32	2600	0.22 7.78	0.23 5.79	34.9	80
	75x75x30	AD7512HB	⊙※●	12	0.22	2.64	3000	0.29 10.29	0.35 8.89	38.5	80
	75x75x30	AD7512UB	⊙※●	12	0.50	6.00	4200	0.37 13.08	0.82 20.88	44.7	80
	75x75x30	AD7524LB	⊙※●	24	0.07	1.68	2200	0.20 6.89	0.19 4.83	29.0	80
	75x75x30	AD7524MB	⊙※●	24	0.10	2.40	2600	0.22 7.78	0.23 5.79	34.9	80
	75x75x30	AD7524HB	⊙※●	24	0.14	3.36	3000	0.29 10.29	0.35 8.89	38.5	80
AD7530	75x75x30	AD7524UB	⊙※●	24	0.25	6.00	4200	0.37 13.08	0.82 20.88	44.7	80
AD8015-7	80x80x15	AD0805MB-D71	⊙※○●	5	0.13	0.65	2440	0.62 21.81	0.08 1.98	24.9	62
	80x80x15	AD0805HB-D71	⊙※○●	5	0.22	1.10	3200	0.84 29.72	0.12 3.10	34.4	62
	80x80x15	AD0812LB-D71	⊙※○●	12	0.04	0.48	2000	0.52 18.34	0.05 1.32	18.8	62
	80x80x15	AD0812MB-D71	⊙※○●	12	0.05	0.60	2440	0.62 21.81	0.08 1.98	24.9	62
	80x80x15	AD0812HB-D71	⊙※○●	12	0.11	1.32	3200	0.84 29.72	0.12 3.10	34.4	62
	80x80x15	AD0812UB-D71	⊙※○●	12	0.16	1.92	3800	0.97 34.34	0.17 4.39	38.1	62
	80x80x15	AD0824MB-D71	⊙※○●	24	0.05	1.20	2440	0.62 21.81	0.08 1.98	24.9	62
AD8015-7	80x80x15	AD0824HB-D71	⊙※○●	24	0.08	1.92	3200	0.84 29.72	0.12 3.10	34.4	62
AD8015-7	80x80x15(7)	AD0812LB-D7B	⊙※●	12	0.09	1.08	2500	0.64 22.50	0.08 2.03	26.5	63
	80x80x15(7)	AD0812MB-D7B	⊙※●	12	0.12	1.44	3000	0.81 28.69	0.13 3.25	31.0	63
	80x80x15(7)	AD0812HB-D7B	⊙※●	12	0.15	1.80	3500	0.89 31.50	0.15 3.81	36.5	63
	80x80x15(7)	AD0812UB-D7B	⊙※●	12	0.27	3.24	4000	1.03 36.50	0.20 4.95	40.0	63

DC Fan

AD 15mm ~ 172mm / Thickness : min 04mm ~ max 76mm

AS 38mm ~ 140mm / Thickness : min 25mm ~ max 76mm

AG 20mm ~ 127mm / Thickness : min 10mm ~ max 38mm



80x80x76



40x40x28



40x40x56



120x120x38

⊙=Ball ※=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AD8015-7	80x80x15(7)	AD0812XB-D7B	⊙※●	12	0.33	3.96	4500	1.17 41.50	0.24 6.10	44.0	63
	80x80x15(7)	AD0812VB-D7B	⊙※●	12	0.40	4.80	5000	1.30 46.00	0.29 7.37	46.0	63
AD8015-7(T)	80x80x15	AD0812LB-D70(T)	⊙※●	12	0.06	0.72	2000	0.52 18.34	0.05 1.32	18.8	62
	80x80x15	AD0812MB-D70(T)	⊙※●	12	0.08	0.96	2440	0.62 21.81	0.08 1.98	24.9	62
	80x80x15	AD0812HB-D70(T)	⊙※●	12	0.14	1.68	3200	0.84 29.72	0.12 3.10	34.4	62
	80x80x15	AD0824MB-D70(T)	⊙※●	24	0.04	0.96	2440	0.62 21.81	0.08 1.98	24.9	62
	80x80x15	AD0824HB-D70(T)	⊙※●	24	0.08	1.92	3200	0.84 29.72	0.12 3.10	34.4	62
	AG8015	80x80x15	AG08012UB159000	⊙	12	0.28	3.36	4000	1.33 46.82	0.25 6.30	42.5
AD8015GP	80x80x15	AD0812LB-D9*GP	⊙●	12	0.05	0.60	2000	0.65 23.00	0.05 1.27	23.5	63
	80x80x15	AD0812MB-D9*GP	⊙●	12	0.10	1.20	2500	0.81 28.50	0.08 2.03	30.0	63
	80x80x15	AD0812HB-D9*GP	⊙●	12	0.13	1.56	3000	0.99 35.00	0.12 3.05	36.0	63
	80x80x15	AD0812UB-D9*GP	⊙●	12	0.18	2.16	3500	1.15 40.50	0.16 4.06	40.5	63
	80x80x15	AD0812XB-D9*GP	⊙●	12	0.28	3.36	4000	1.30 46.00	0.20 5.08	44.0	63
AD8015-9(T)	80x80x15	AD0812DB-D90(T)	⊙※●	12	0.07	0.84	2500	0.71 24.96	0.09 2.18	30.2	63
	80x80x15	AD0812LB-D90(T)	⊙※●	12	0.10	1.20	3000	0.84 29.58	0.12 2.97	36.0	63
	80x80x15	AD0812MB-D90(T)	⊙※●	12	0.14	1.68	3500	0.99 34.90	0.16 3.93	40.4	63
	80x80x15	AD0812HB-D90(T)	⊙※●	12	0.20	2.40	4000	1.14 40.11	0.20 4.96	44.5	63
	80x80x15	AD0812UB-D90(T)	⊙※●	12	0.26	3.12	4500	1.27 45.02	0.25 6.31	48.0	63
	80x80x15	AD0824DB-D90(T)	⊙※●	24	0.04	0.96	2500	0.71 24.96	0.09 2.18	30.2	63
	80x80x15	AD0824LB-D90(T)	⊙※●	24	0.05	1.20	3000	0.84 29.58	0.12 2.97	36.0	63
	80x80x15	AD0824MB-D90(T)	⊙※●	24	0.06	1.44	3500	0.99 34.90	0.16 3.93	40.4	63
	80x80x15	AD0824HB-D90(T)	⊙※●	24	0.10	2.40	4000	1.14 40.11	0.20 4.96	44.5	63
	80x80x15	AD0824UB-D90(T)	⊙※●	24	0.14	3.36	4500	1.27 45.02	0.25 6.31	48.0	63
AD8020	80x80x20	AD0805MB-C71(N)	⊙※●	5	0.17	0.85	2440	0.63 22.27	0.10 2.49	28.1	68
	80x80x20	AD0805HB-C71(N)	⊙※●	5	0.24	1.20	3000	0.78 27.55	0.16 4.02	34.0	68
	80x80x20	AD0812MB-C71(N)	⊙※●	12	0.07	0.84	2440	0.63 22.27	0.10 2.49	28.1	68
	80x80x20	AD0812HB-C71(N)	⊙※●	12	0.13	1.56	3000	0.78 27.55	0.16 4.02	34.0	68
	80x80x20	AD0812UB-C71(N)	⊙※●	12	0.25	3.00	4200	1.10 38.89	0.27 6.93	43.5	68
	80x80x20	AD0824HB-C71(N)	⊙※●	24	0.07	1.68	3000	0.78 27.55	0.16 4.02	34.0	68
AD8020	80x80x20	AD0812LB-C7B	⊙※●	12	0.09	1.08	2000	0.51 17.91	0.07 1.80	22.9	69
	80x80x20	AD0812MB-C7B	⊙※●	12	0.12	1.44	2500	0.64 22.78	0.11 2.84	28.4	69
	80x80x20	AD0812HB-C7B	⊙※●	12	0.15	1.80	3000	0.79 28.00	0.15 3.81	33.0	69
	80x80x20	AD0812UB-C7B	⊙※●	12	0.20	2.40	3500	0.92 32.50	0.20 5.08	37.5	69
	80x80x20	AD0812XB-C7B	⊙※●	12	0.25	3.00	4000	1.05 37.17	0.26 6.55	41.0	69
	80x80x20	AD0812VB-C7B	⊙※●	12	0.32	3.84	4500	1.18 41.57	0.33 8.31	45.0	69



60x60x25



140x140x51

*: Noise is measured at the distance of 1 meter from the axis of intake.
Specifications are subject to change without prior notice.

⊙=Ball ※=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AD8020(T)	80x80x20	AD0812LB-C70(T)	⊙※●	12	0.06	0.72	2100	0.53 18.86	0.07 1.88	23.8	68
	80x80x20	AD0812MB-C70(T)	⊙※●	12	0.08	0.96	2500	0.66 23.35	0.09 2.31	27.4	68
	80x80x20	AD0812HB-C70(T)	⊙※●	12	0.13	1.56	3100	0.81 28.57	0.15 3.78	34.9	68
	80x80x20	AD0812UB-C70(T)	⊙※●	12	0.22	2.64	3750	1.00 35.17	0.22 5.54	40.1	68
	80x80x20	AD0824MB-C70(T)	⊙※●	24	0.04	0.96	2500	0.66 23.35	0.09 2.31	27.4	68
	80x80x20	AD0824HB-C70(T)	⊙※●	24	0.06	1.44	3100	0.81 28.57	0.15 3.78	34.9	68
	80x80x25	AD0812DB-A71GL(N)	⊙※●	12	0.04	0.48	1600	0.61 21.61	0.05 1.17	14.0	86
	80x80x25	AD0812LB-A71GL(N)	⊙※●	12	0.06	0.72	2000	0.76 26.80	0.08 1.98	21.6	86
	80x80x25	AD0812MB-A71GL(N)	⊙※●	12	0.09	1.08	2500	0.95 33.40	0.12 2.97	28.3	86
	80x80x25	AD0812HB-A71GL(N)	⊙※●	12	0.16	1.92	3000	1.14 40.26	0.15 3.91	33.4	86
AD8025	80x80x25	AD0812UB-A71GL(N)	⊙※●	12	0.30	3.60	3900	1.49 52.49	0.27 6.73	40.8	86
	80x80x25	AD0812XB-A71GL(N)	⊙※●	12	0.33	3.96	4200	1.61 56.77	0.30 7.70	43.4	86
	80x80x25	AD0824MB-A71GL(N)	⊙※●	24	0.06	1.44	2500	0.95 33.40	0.12 2.97	28.3	86
	80x80x25	AD0824HB-A71GL(N)	⊙※●	24	0.09	2.16	3000	1.14 40.26	0.15 3.91	33.4	86
	80x80x25	AD0824UB-A71GL(N)	⊙※●	24	0.15	3.60	3900	1.49 52.49	0.27 6.73	40.8	86
	80x80x25	AD0812LB-A70GL(HTCA)	⊙○※●	12	0.08	1.96	2100	0.80 28.39	0.08 1.91	22.1	86
	80x80x25	AD0812MB-A70GL(HTCA)	⊙○※●	12	0.12	1.44	2500	0.95 33.40	0.12 2.97	28.3	86
	80x80x25	AD0812HB-A70GL(HTCA)	⊙○※●	12	0.21	2.52	3000	1.14 40.26	0.15 3.91	33.4	86
	80x80x25	AD0812UB-A70GL(HTCA)	⊙○※●	12	0.23	2.76	3400	1.31 46.13	0.20 5.11	38.5	86
	AD8025	80x80x25	AD08012MB2570AQ(OHT)	⊙	12	0.14	1.68	3000	1.02 36.15	0.18 4.61	32.9
AD8025GP	80x80x25	AD0812HB-A73GP	⊙	12	0.17	2.04	3500	1.42 50.00	0.19 4.83	38.5	95
	80x80x25	AD0812UB-A73GP	⊙	12	0.27	3.24	4000	1.58 56.00	0.25 6.35	43.5	95
	80x80x25	AD0812XB-A73GP	⊙	12	0.38	4.56	4500	1.90 67.00	0.30 7.62	46.0	95
	80x80x25	AD0812VB-A73GP	⊙	12	0.55	6.60	5000	2.04 72.00	0.36 9.14	49.0	95
	80x80x25	AD0824HB-A73GP	⊙	24	0.10	2.40	3500	1.42 50.00	0.19 4.83	38.5	95
	80x80x25	AD0824UB-A73GP	⊙	24	0.13	3.12	4000	1.58 56.00	0.25 6.35	43.5	95
	80x80x25	AD0824XB-A73GP	⊙	24	0.18	4.32	4500	1.90 67.00	0.30 7.62	46.0	95
	80x80x25	AD0824VB-A73GP	⊙	24	0.26	6.24	5000	2.04 72.00	0.36 9.14	49.0	95
	80x80x25	AD0848HB-A73GP	⊙	48	0.05	2.40	3500	1.42 50.00	0.19 4.83	38.5	95
	80x80x25	AD0848UB-A73GP	⊙	48	0.08	3.84	4000	1.58 56.00	0.25 6.35	43.5	95
AD8025(T)	80x80x25	AD0812DB-A70GL(HT)	⊙○※●	12	0.05	0.60	1600	0.58 20.57	0.04 1.09	16.5	86
	80x80x25	AD0812LB-A70GL(HT)	⊙○※●	12	0.08	0.96	2100	0.76 27.02	0.07 1.83	22.3	86
AD8025(T)	80x80x25	AD0812MB-A70GL(HT)	⊙○※●	12	0.12	1.44	2500	0.92 32.38	0.10 2.59	29.4	86

DC Fan

AD 15mm ~ 172mm / Thickness : min 04mm ~ max 76mm

AS 38mm ~ 140mm / Thickness : min 25mm ~ max 76mm

AG 20mm ~ 127mm / Thickness : min 10mm ~ max 38mm



80x80x76



40x40x28



40x40x56



120x120x38

⊙=Ball ※=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)	
AD8025(T)	80x80x25	AD0812HB-A70GL(HT)	⊙○※●	12	0.21	2.52	3000	1.09 38.65	0.14 3.61	35.2	86	
	80x80x25	AD0812UB-A70GL(HT)	⊙○※●	12	0.23	2.76	3400	1.23 43.29	0.17 4.24	37.4	86	
	80x80x25	AD0824LB-A70GL(HT)	⊙○※●	24	0.04	0.96	2100	0.76 27.02	0.07 1.83	22.3	86	
	80x80x25	AD0824MB-A70GL(HT)	⊙○※●	24	0.07	1.68	2500	0.92 32.38	0.10 2.59	29.4	86	
	80x80x25	AD0824HB-A70GL(HT)	⊙○※●	24	0.10	2.40	3000	1.09 38.65	0.14 3.61	35.2	86	
AD8025	80x80x25	AD08012MX2570A0(QXHT)	⊙●	12	0.14	1.68	3000	1.02 36.15	0.18 4.61	32.9	84	
AG8025	80x80x25	AG08012DB257000	⊙※●	12	0.05	0.60	1500	0.48 17.00	0.04 1.13	16.0	92.8	
	80x80x25	AG08012LB257000	⊙※●	12	0.03	0.72	2000	0.66 23.30	0.08 2.06	23.0	92.8	
	80x80x25	AG08012MB257000	⊙※●	12	0.09	1.08	2500	0.83 29.20	0.12 3.13	30.0	92.8	
	80x80x25	AG08012HB257000	⊙※●	12	0.15	1.80	3000	0.99 35.00	0.17 4.35	35.0	92.8	
	80x80x25	AG08012UB257000	⊙※●	12	0.24	2.88	3600	1.20 42.00	0.22 5.95	40.0	92.8	
	80x80x25	AG08012XB257100	⊙※●	12	0.33	3.96	4500	1.53 54.00	0.38 9.66	45.0	92.8	
	80x80x25	AG08024DB257000	⊙※●	24	0.02	0.48	1500	0.48 17.00	0.04 1.13	16.0	92.8	
	80x80x25	AG08024LB257000	⊙※●	24	0.03	0.72	2000	0.66 23.30	0.08 2.06	23.0	92.8	
	80x80x25	AG08024MB257000	⊙※●	24	0.05	1.20	2500	0.83 29.20	0.12 3.13	30.0	92.8	
	80x80x25	AG08024HB257000	⊙※●	24	0.10	2.40	3000	0.99 35.00	0.17 4.35	35.0	92.8	
AG8025	80x80x25	AG08024UB257000	⊙※●	24	0.13	3.12	3600	1.20 42.00	0.22 5.95	40.0	92.8	
AG8025	80x80x25	AG08012UB257010	⊙	12	0.19	2.28	3500	1.30 45.95	0.24 6.20	39.7	86	
AS8025	80x80x25	AS08012XB259100	⊙	12	0.48	5.76	4500	1.97 68.20	0.35 8.86	52.0	86	
AD8032	80x80x32	AD0812LB-Y51(N)	⊙	12	0.11	1.32	3000	1.12 39.58	0.19 4.75	35.5	108	
	80x80x32	AD0812MB-Y51(N)	⊙	12	0.16	1.92	3400	1.27 44.76	0.24 6.12	36.7	108	
	80x80x32	AD0812HB-Y51(N)	⊙	12	0.19	2.28	3800	1.41 50.00	0.29 7.42	42.4	108	
	80x80x32	AD0812UB-Y51(NCU)	⊙	12	0.23	2.76	4200	1.57 55.39	0.32 8.03	44.0	108	
	80x80x32	AD0824LB-Y51(N)	⊙	24	0.07	1.68	3000	1.12 39.58	0.19 4.75	35.5	108	
	80x80x32	AD0824MB-Y51(N)	⊙	24	0.10	2.40	3400	1.27 44.76	0.24 6.12	36.7	108	
	80x80x32	AD0824HB-Y51(N)	⊙	24	0.12	2.88	3800	1.41 50.00	0.29 7.42	42.4	108	
	80x80x32	AD0824UB-Y51(NCU)	⊙	24	0.15	3.60	4200	1.57 55.39	0.32 8.03	44.0	108	
	80x80x32	AD0848LB-Y51(N)	⊙	48	0.06	2.88	3000	1.12 39.58	0.19 4.75	35.5	108	
	80x80x32	AD0848MB-Y51(N)	⊙	48	0.07	3.36	3400	1.27 44.76	0.24 6.12	36.7	108	
	80x80x32	AD0848HB-Y51(N)	⊙	48	0.08	3.84	3800	1.41 50.00	0.29 7.42	42.4	108	
	80x80x32	AD0848UB-Y51(NCU)	⊙	48	0.11	5.28	4200	1.57 55.39	0.32 8.03	44.0	108	
	AD8032	80x80x32	AD08012DB327B00	⊙	12	0.13	1.56	3000	1.17 41.20	0.21 5.21	34.0	135
	AD8032	80x80x32	AD08012LB327B00	⊙	12	0.25	3.00	3800	1.48 52.20	0.32 8.13	40.4	135
	AD8032	80x80x32	AD08012MB327B00	⊙	12	0.35	4.20	4600	1.82 64.40	0.48 12.19	45.6	135
AD8032	80x80x32	AD08012HB327B00	⊙	12	0.50	6.00	5400	2.12 74.80	0.64 16.26	50.2	135	

DC Fan



60x60x25



140x140x51

*: Noise is measured at the distance of 1 meter from the axis of intake.
Specifications are subject to change without prior notice.

☉=Ball ⚙=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)	
AD8032	80x80x32	AD08012UB327B00	☉	12	0.76	9.12	6200	2.49 87.90	0.84 21.34	53.5	135	
	80x80x32	AD08012XB327B00	☉	12	1.15	13.80	7000	2.75 97.00	1.04 26.42	58.0	135	
	80x80x38	AD0812DB-F71(N)	☉	12	0.07	0.84	2000	0.87 30.66	0.09 2.21	25.5	120	
	80x80x38	AD0812LB-F71(N)	☉	12	0.10	1.20	2500	1.10 38.73	0.13 3.35	32.3	120	
	80x80x38	AD0812MB-F71(N)	☉	12	0.17	2.04	3000	1.30 46.06	0.17 4.24	36.0	120	
	80x80x38	AD0812HB-F71(N)	☉	12	0.26	3.12	3500	1.51 53.31	0.22 5.64	39.9	120	
	80x80x38	AD0812UB-F71(N)	☉	12	0.34	4.08	4000	1.76 62.16	0.32 8.10	43.7	120	
AD8038	80x80x38	AD0824LB-F71(N)	☉	24	0.08	1.92	2500	1.10 38.73	0.13 3.35	32.3	120	
	80x80x38	AD0824MB-F71(N)	☉	24	0.10	2.40	3000	1.30 46.06	0.17 4.24	36.0	120	
	80x80x38	AD0824HB-F71(N)	☉	24	0.14	3.36	3500	1.51 53.31	0.22 5.64	39.9	120	
	80x80x38	AD0812HB-F73DS	☉	12	0.54	6.48	4800	2.12 75.00	0.49 12.45	50.5	180	
	80x80x38	AD0812UB-F73DS	☉	12	0.81	9.72	5500	2.49 88.00	0.66 16.76	55.0	180	
	80x80x38	AD0812XB-F73DS	☉	12	1.18	14.16	6200	2.75 97.00	0.80 20.32	57.0	180	
	80x80x38	AD0812VB-F73DS	☉	12	1.86	22.32	7000	3.11 110.00	1.05 26.67	60.5	180	
AD8038DS	80x80x38	AD0824HB-F73DS	☉	24	0.30	7.20	4800	2.12 75.00	0.49 12.45	50.5	180	
	80x80x38	AD0824UB-F73DS	☉	24	0.42	10.08	5500	2.49 88.00	0.66 16.76	55.0	180	
	80x80x38	AD0824XB-F73DS	☉	24	0.54	12.96	6200	2.75 97.00	0.80 20.32	57.0	180	
	80x80x38	AD0848HB-F73DS	☉	48	0.15	7.20	4800	2.12 75.00	0.49 12.45	50.5	180	
	80x80x38	AD0848UB-F73DS	☉	48	0.20	9.60	5500	2.49 88.00	0.66 16.76	55.0	180	
	80x80x38	AD0848XB-F73DS	☉	48	0.30	14.40	6200	2.75 97.00	0.80 20.32	57.0	180	
	80x80x38	AS08012DB389B00	☉	12	0.80	9.60	6000	2.30 82.23	0.90 22.96	55.0	212	
	80x80x38	AS08012LB389B00	☉	12	1.25	15.00	7000	2.78 99.44	1.21 30.78	58.9	212	
	80x80x38	AS08012MB389B00	☉	12	1.80	21.60	8000	3.19 114.01	1.62 41.02	61.9	212	
	80x80x38	AS08012HB389B00	☉	12	2.50	30.00	9000	3.79 133.70	2.01 51.06	64.6	212	
AS8038	80x80x38	AS08024DB389B00	☉	24	0.37	8.88	6000	2.30 82.23	0.90 22.96	55.0	212	
	80x80x38	AS08024LB389B00	☉	24	0.59	14.16	7000	2.78 99.44	1.21 30.78	58.9	212	
	80x80x38	AS08024MB389B00	☉	24	0.80	19.20	8000	3.19 114.01	1.62 41.02	61.9	212	
	80x80x38	AS08024HB389B00	☉	24	1.12	26.88	9000	3.79 133.70	2.01 51.06	64.6	212	
	80x80x38	AS08048DB389B00	☉	48	0.21	10.08	6000	2.30 82.23	0.90 22.96	55.0	212	
	80x80x38	AS08048LB389B00	☉	48	0.32	15.36	7000	2.78 99.44	1.21 30.78	58.9	212	
	80x80x38	AS08048MB389B00	☉	48	0.43	20.64	8000	3.19 114.01	1.62 41.02	61.9	212	
	80x80x38	AS08048HB389B00	☉	48	0.57	27.36	9000	3.79 133.70	2.01 51.06	64.6	212	
	AS8076	80x80x76	AS08012DB765300	☉	12	1.40	16.80	in:5500/ out:5700	2.63 93.01	0.98 24.81	63.7	395
		80x80x76	AS08012LB765300	☉	12	1.90	22.80	in:6400/ out:7000	3.15 111.42	1.39 35.26	67.2	395
80x80x76		AS08012HB765300	☉	12	4.60	55.20	in:8500/ out:10000	4.32 152.62	2.59 65.82	77.1	395	

DC Fan

AD 15mm ~ 172mm / Thickness : min 04mm ~ max 76mm

AS 38mm ~ 140mm / Thickness : min 25mm ~ max 76mm

AG 20mm ~ 127mm / Thickness : min 10mm ~ max 38mm



80x80x76



40x40x28



40x40x56



120x120x38

⊙=Ball ※=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)	
AD9215	92x92x15	AD0912DB-D9B(L1)	⊙	12	0.10	1.20	1900	0.91 32.00	0.06 1.52	25.0	70	
	92x92x20	AD0912MB-C71(N)	⊙※●	12	0.08	0.96	2430	0.80 28.36	0.10 2.58	34.0	81	
	92x92x20	AD0912HB-C71(N)	⊙※●	12	0.11	1.32	2700	0.90 31.66	0.12 3.11	36.7	81	
	92x92x20	AD0924MB-C71(N)	⊙※●	24	0.07	1.68	2430	0.80 28.36	0.10 2.58	34.0	81	
AD9220	92x92x20	AD0924HB-C71(N)	⊙※●	24	0.09	2.16	2700	0.90 31.66	0.12 3.11	36.7	81	
AG9220	92x92x20	AG09012UB207100	⊙	12	0.25	3.00	3300	1.85 65.30	0.18 4.68	39.0	92	
	92x92x20	AD0912MB-C70(T)	⊙※●	12	0.12	1.44	2430	0.80 28.36	0.10 2.58	34.0	81	
	92x92x20	AD0912HB-C70(T)	⊙※●	12	0.15	1.80	2700	0.90 31.66	0.12 3.11	36.7	81	
	92x92x20	AD0924MB-C70(T)	⊙※●	24	0.06	1.44	2430	0.80 28.36	0.10 2.58	34.0	81	
AD9220(T)	92x92x20	AD0924HB-C70(T)	⊙※●	24	0.09	2.16	2700	0.90 31.66	0.12 3.11	36.7	81	
	92x92x25	AD0912DB-A71GL(N)	⊙※●	12	0.05	0.60	1600	0.86 30.30	0.03 0.88	19.1	92	
	92x92x25	AD0912LB-A71GL(N)	⊙※●	12	0.09	1.08	2300	1.25 43.99	0.09 2.37	30.0	92	
	92x92x25	AD0912MB-A71GL(N)	⊙※●	12	0.14	1.68	2600	1.40 49.36	0.12 3.15	34.5	92	
	92x92x25	AD0912HB-A71GL(N)	⊙※●	12	0.18	2.16	2900	1.59 56.07	0.15 3.72	37.5	92	
	92x92x25	AD0912UB-A71GL(N)	⊙※●	12	0.27	3.24	3300	1.75 61.93	0.19 4.75	42.2	92	
	92x92x25	AD0924LB-A71GL(N)	⊙※●	24	0.08	1.92	2300	1.25 43.99	0.09 2.37	30.0	92	
	92x92x25	AD0924MB-A71GL(N)	⊙※●	24	0.09	2.16	2600	1.40 49.36	0.12 3.15	34.5	92	
	92x92x25	AD0924HB-A71GL(N)	⊙※●	24	0.11	2.64	2900	1.59 56.07	0.15 3.72	37.5	92	
	AD9225	92x92x25	AD0924UB-A71GL(N)	⊙	24	0.16	3.84	3300	1.75 61.93	0.19 4.75	42.2	92
	AD9225	92x92x25	AD0948HB-A71GL	⊙	48	0.11	5.28	2900	1.59 56.07	0.15 3.72	37.5	92
AD9225(T)	92x92x25	AD0912UB2573A0(0TXHT)	⊙●	12	0.20	2.40	3300	1.54 54.50	0.17 4.39	36.4	104	
	92x92x25	AD0912DB-A70GL(HT)	⊙※●	12	0.06	0.72	1600	0.86 30.30	0.03 0.89	19.1	92	
	92x92x25	AD0912LB-A70GL(HT)	⊙※●	12	0.10	1.20	2100	1.15 40.69	0.08 2.06	29.2	92	
	92x92x25	AD0912MB-A70GL(HT)	⊙※●	12	0.15	1.80	2400	1.26 44.66	0.10 2.57	31.2	92	
	92x92x25	AD0912HB-A70GL(HT)	⊙※●	12	0.24	2.88	2900	1.59 56.07	0.15 3.72	37.5	92	
	92x92x25	AD0912UB-A70GL(HT)	⊙※●	12	0.28	3.36	3300	1.75 61.93	0.19 4.76	42.2	92	
	92x92x25	AD0924LB-A70GL(HT)	⊙※●	24	0.05	1.20	2100	1.15 40.69	0.08 2.06	29.2	92	
	92x92x25	AD0924MB-A70GL(HT)	⊙※●	24	0.08	1.92	2400	1.26 44.66	0.10 2.57	31.2	92	
	AD9225(T)	92x92x25	AD0924HB-A70GL(HT)	⊙※●	24	0.15	3.60	2900	1.59 56.07	0.15 3.72	37.5	92
		92x92x25	AG09212DB257000	⊙※●	12	0.05	0.60	1500	0.78 27.70	0.06 1.41	26.0	108
92x92x25		AG09212LB257000	⊙※●	12	0.09	1.08	2000	1.05 37.00	0.09 2.35	31.2	108	
92x92x25		AG09212MB257000	⊙※●	12	0.17	2.04	2500	1.30 45.80	0.14 3.50	37.5	108	
92x92x25		AG09212HB257000	⊙※●	12	0.24	2.88	3000	1.56 55.00	0.20 5.06	43.3	108	
92x92x25		AG09212UB257000	⊙※●	12	0.31	3.72	3300	1.71 60.70	0.24 5.98	46.0	108	
AG9225	92x92x25	AG09212XB257000	⊙※●	12	0.45	5.40	3800	1.99 70.56	0.30 7.62	50.0	108	

DC Fan



60x60x25



140x140x51

*: Noise is measured at the distance of 1 meter from the axis of intake.
Specifications are subject to change without prior notice.

⊙=Ball ⊛=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AG9225	92x92x25	AG09224DB257000	⊙⊛●	24	0.03	0.72	1500	0.78 27.70	0.06 1.41	26.0	108
	92x92x25	AG09224LB257000	⊙⊛●	24	0.06	1.44	2000	1.05 37.00	0.09 2.35	31.2	108
	92x92x25	AG09224MB257000	⊙⊛●	24	0.11	2.64	2500	1.30 45.80	0.14 3.50	37.5	108
	92x92x25	AG09224HB257000	⊙⊛●	24	0.14	3.36	3000	1.56 55.00	0.20 5.06	43.3	108
	92x92x25	AG09224UB257000	⊙⊛●	24	0.18	4.32	3300	1.71 60.70	0.24 5.98	46.0	108
AD9225GP	92x92x25	AD0912HB-A73GP	⊙	12	0.19	2.28	3000	1.70 60.00	0.18 4.57	39.5	103
	92x92x25	AD0912UB-A73GP	⊙	12	0.35	4.20	3500	2.04 72.00	0.23 5.84	44.0	103
	92x92x25	AD0912XB-A73GP	⊙	12	0.47	5.64	4000	2.36 83.50	0.28 7.11	48.0	103
	92x92x25	AD0924HB-A73GP	⊙	24	0.12	2.88	3000	1.70 60.00	0.18 4.57	39.5	103
	92x92x25	AD0924UB-A73GP	⊙	24	0.18	4.32	3500	2.04 72.00	0.23 5.84	44.0	103
	92x92x25	AD0924XB-A73GP	⊙	24	0.24	5.76	4000	2.36 83.50	0.28 7.11	48.0	103
	92x92x25	AD0948HB-A73GP	⊙	48	0.08	3.84	3000	1.70 60.00	0.18 4.57	39.5	103
	92x92x25	AD0948UB-A73GP	⊙	48	0.12	5.76	3500	2.04 72.00	0.23 5.84	44.0	103
AG9225G2	92x92x25	AG09212DB257010	⊙	12	0.13	1.56	2000	1.09 38.37	0.08 2.15	26.3	108
	92x92x25	AG09212LB257010	⊙	12	0.16	1.92	2500	1.37 48.23	0.13 3.27	32.1	108
	92x92x25	AG09212MB257010	⊙	12	0.22	2.64	3000	1.64 57.77	0.20 5.09	36.5	108
	92x92x25	AG09212HB257010	⊙	12	0.31	3.72	3300	1.83 64.56	0.24 6.06	39.2	108
AD9232	92x92x32	AD0912LB-Y71GL(N)	⊙	12	0.16	1.92	2500	1.36 48.05	0.14 3.61	34.7	140
	92x92x32	AD0912MB-Y71GL(N)	⊙	12	0.24	2.88	3000	1.67 58.97	0.19 4.80	39.5	140
	92x92x32	AD0912HB-Y71GL(N)	⊙	12	0.36	4.32	3500	1.95 68.95	0.28 7.21	44.0	140
	92x92x32	AD0912UB-Y71GL(N)	⊙	12	0.45	5.40	3900	2.18 77.19	0.37 9.42	50.0	140
	92x92x32	AD0924LB-Y71GL(N)	⊙	24	0.08	1.92	2500	1.36 48.05	0.14 3.61	34.7	140
	92x92x32	AD0924MB-Y71GL(N)	⊙	24	0.14	3.36	3000	1.67 58.97	0.19 4.80	39.5	140
AD9238DS	92x92x38	AD0912HB-F93DS	⊙	12	0.71	8.52	4400	3.06 108.00	0.50 12.70	52.5	190
	92x92x38	AD0912UB-F93DS	⊙	12	0.91	10.92	4800	3.34 118.00	0.59 14.99	55.0	190
	92x92x38	AD0912XB-F93DS	⊙	12	1.33	15.96	5400	3.82 135.00	0.74 18.80	58.5	190
	92x92x38	AD0912VB-F93DS	⊙	12	2.20	26.40	6000	4.22 149.00	0.93 23.62	62.0	190
	92x92x38	AD0924HB-F93DS	⊙	24	0.33	7.92	4400	3.06 108.00	0.50 12.70	52.5	190
	92x92x38	AD0924UB-F93DS	⊙	24	0.47	11.28	4800	3.34 118.00	0.59 14.99	55.0	190
	92x92x38	AD0924XB-F93DS	⊙	24	0.65	15.60	5400	3.82 135.00	0.74 18.80	58.5	190
	92x92x38	AD0948HB-F93DS	⊙	48	0.18	8.64	4400	3.06 108.00	0.50 12.70	52.5	190
	92x92x38	AD0948UB-F93DS	⊙	48	0.25	12.00	4800	3.34 118.00	0.59 14.99	55.0	190

DC Fan

AD 15mm ~ 172mm / Thickness : min 04mm ~ max 76mm

AS 38mm ~ 140mm / Thickness : min 25mm ~ max 76mm

AG 20mm ~ 127mm / Thickness : min 10mm ~ max 38mm



80x80x76



40x40x28



40x40x56



120x120x38

⊙=Ball ⊛=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)	
AD9238DS	92x92x38	AD0948XB-F93DS	⊙	48	0.35	16.80	5400	3.82 135.00	0.74 18.80	58.5	190	
	92x92x38	AD0912HB-F9BGP	⊙	12	0.71	8.52	4400	2.97 105.00	0.45 11.43	53.0	190	
	92x92x38	AD0912UB-F9BGP	⊙	12	0.91	10.92	4800	3.26 115.00	0.53 13.46	56.5	190	
	92x92x38	AD0912XB-F9BGP	⊙	12	1.33	15.96	5400	3.68 130.00	0.67 17.02	59.5	190	
	92x92x38	AD0912VB-F9BGP	⊙	12	2.20	26.40	6000	4.19 148.00	0.85 21.59	63.0	190	
	92x92x38	AD0924HB-F9BGP	⊙	24	0.33	7.92	4400	2.97 105.00	0.45 11.43	53.0	190	
	92x92x38	AD0924UB-F9BGP	⊙	24	0.47	11.28	4800	3.26 115.00	0.53 13.46	56.5	190	
	92x92x38	AD0924XB-F9BGP	⊙	24	0.65	15.60	5400	3.68 130.00	0.67 17.02	59.5	190	
	92x92x38	AD0948HB-F9BGP	⊙	48	0.18	8.64	4400	2.97 105.00	0.45 11.43	53.0	190	
	92x92x38	AD0948UB-F9BGP	⊙	48	0.25	12.00	4800	3.26 115.00	0.53 13.46	56.5	190	
AD9238GP	92x92x38	AD0948XB-F9BGP	⊙	48	0.35	16.80	5400	3.68 130.00	0.67 17.02	59.5	190	
AS9238	92x92x38	AS09212UB389BB0	⊙	12	3.85	46.20	8000	5.06 178.60	1.71 43.30	67.8	285	
	120x120x25	AD1212DB-A71GL	⊙⊛●	12	0.11	1.32	1500	1.62 57.21	0.07 1.88	27.2	156	
	120x120x25	AD1212LB-A71GL	⊙⊛●	12	0.15	1.80	1800	2.03 71.81	0.09 2.36	34.4	156	
	120x120x25	AD1212MB-A71GL	⊙⊛●	12	0.16	1.92	2050	2.29 81.05	0.11 2.87	38.0	156	
	120x120x25	AD1212HB-A71GL	⊙⊛●	12	0.29	3.48	2200	2.49 87.87	0.13 3.40	39.1	156	
	120x120x25	AD1212UB-A71GL	⊙⊛●	12	0.39	4.68	2500	2.80 98.97	0.17 4.42	43.3	156	
	120x120x25	AD1224DB-A71GL	⊙⊛●	24	0.07	1.68	1500	1.62 57.21	0.07 1.88	27.2	156	
	120x120x25	AD1224LB-A71GL	⊙⊛●	24	0.10	2.40	1800	2.03 71.81	0.09 2.36	34.4	156	
	120x120x25	AD1224MB-A71GL	⊙⊛●	24	0.13	3.12	2050	2.29 81.05	0.11 2.87	38.0	156	
	120x120x25	AD1224HB-A71GL	⊙⊛●	24	0.13	3.12	2200	2.49 87.87	0.13 3.40	39.1	156	
	120x120x25	AD1224UB-A71GL	⊙⊛●	24	0.19	4.56	2500	2.80 98.97	0.17 4.42	43.3	156	
	120x120x25	AD1248HB-A71GL	⊙⊛●	48	0.10	4.80	2200	2.49 87.87	0.13 3.40	39.1	156	
	AD12025	120x120x25	AD1248UB-A71GL	⊙⊛●	48	0.12	5.76	2500	2.80 98.97	0.17 4.42	43.3	156
		120x120x25	AG12012DB257100	⊙⊛●	12	0.12	1.44	1900	1.63 57.66	0.12 3.15	31.1	185
120x120x25		AG12012LB257100	⊙⊛●	12	0.15	1.80	2200	1.90 67.02	0.17 4.29	34.6	185	
120x120x25		AG12012MB257100	⊙⊛●	12	0.21	2.52	2500	2.15 76.08	0.21 5.38	38.4	185	
120x120x25		AG12012HB257100	⊙⊛●	12	0.30	3.60	3100	2.68 94.69	0.31 7.87	44.8	185	
120x120x25		AG12012UB257100	⊙⊛●	12	0.48	5.76	3600	3.01 106.27	0.39 9.96	49.1	185	
120x120x25		AG12012XB257100	⊙⊛●	12	0.80	9.60	4100	3.48 122.92	0.48 12.19	52.0	185	
120x120x25		AG12024DB257100	⊙⊛●	24	0.07	1.68	1900	1.63 57.66	0.12 3.15	31.1	185	
120x120x25		AG12024LB257100	⊙⊛●	24	0.08	1.92	2200	1.90 67.02	0.17 4.29	34.6	185	
120x120x25		AG12024MB257100	⊙⊛●	24	0.11	2.64	2500	2.15 76.08	0.21 5.38	38.4	185	
120x120x25		AG12024HB257100	⊙⊛●	24	0.16	3.84	3100	2.68 94.69	0.31 7.87	44.8	185	
AG12025		120x120x25	AG12024UB257100	⊙⊛●	24	0.25	6.00	3600	3.01 106.27	0.39 9.96	49.1	185



60x60x25



140x140x51

*: Noise is measured at the distance of 1 meter from the axis of intake.
Specifications are subject to change without prior notice.

☉=Ball ※=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AG12025	120x120x25	AG12024XB257100	☉※●	24	0.32	7.68	4100	3.48 122.92	0.48 12.19	52.0	185
	120x120x25	AG12048LB257100	☉※●	48	0.05	2.40	2200	1.90 67.02	0.17 4.29	34.6	185
	120x120x25	AG12048MB257100	☉※●	48	0.06	2.88	2500	2.15 76.08	0.21 5.38	38.4	185
	120x120x25	AG12048HB257100	☉※●	48	0.11	5.28	3100	2.68 94.69	0.31 7.87	44.8	185
	120x120x25	AG12048UB257100	☉※●	48	0.14	6.72	3600	3.01 106.27	0.39 9.96	49.1	185
	120x120x25	AS12012LB25A100	☉	12	0.66	7.92	2900	3.56 125.82	0.28 7.04	51.0	220
	120x120x25	AS12012MB25A100	☉	12	0.84	10.08	3400	4.27 150.77	0.39 9.83	54.7	220
	120x120x25	AS12012HB25A100	☉	12	1.06	12.72	3700	4.57 161.51	0.44 11.25	57.8	220
	120x120x25	AS12012UB25A100	☉	12	1.42	17.04	4000	4.98 175.90	0.52 13.28	58.6	220
	120x120x25	AS12024LB25A100	☉	24	0.28	6.72	2900	3.56 125.82	0.28 7.04	51.0	220
	120x120x25	AS12024MB25A100	☉	24	0.43	10.32	3400	4.27 150.77	0.39 9.83	54.7	220
	120x120x25	AS12024HB25A100	☉	24	0.55	13.20	3700	4.57 161.51	0.44 11.25	57.8	220
	120x120x25	AS12024UB25A100	☉	24	0.71	17.04	4000	4.98 175.90	0.52 13.28	58.6	220
	120x120x25	AS12048LB25A100	☉	48	0.17	8.16	2900	3.56 125.82	0.28 7.04	51.0	220
AS12025	120x120x25	AS12048MB25A100	☉	48	0.23	11.04	3400	4.27 150.77	0.39 9.83	54.7	220
	120x120x25	AS12048HB25A100	☉	48	0.30	14.40	3700	4.57 161.51	0.44 11.25	57.8	220
	120x120x25	AS12048UB25A100	☉	48	0.37	17.76	4000	4.98 175.90	0.52 13.28	58.6	220
	120x120x32	AD1212DB-Y51	☉※●	12	0.08	0.96	1450	1.68 59.46	0.08 1.91	26.9	213
	120x120x32	AD1212LB-Y51	☉※●	12	0.19	2.28	2000	2.35 82.98	0.12 3.12	36.2	213
	120x120x32	AD1212MB-Y51	☉※●	12	0.26	3.12	2400	2.80 99.07	0.17 4.24	41.1	213
	120x120x32	AD1212HB-Y51	☉※●	12	0.32	3.84	2750	3.16 111.71	0.24 6.12	43.3	213
	120x120x32	AD1212UB-Y51	☉※●	12	0.51	6.12	3200	3.78 133.44	0.32 8.05	48.4	213
	120x120x32	AD1224DB-Y51	☉※●	24	0.05	1.20	1450	1.68 59.46	0.08 1.91	26.9	213
	120x120x32	AD1224LB-Y51	☉※●	24	0.10	2.40	2000	2.35 82.98	0.12 3.12	36.2	213
	120x120x32	AD1224MB-Y51	☉※●	24	0.16	3.84	2400	2.80 99.07	0.17 4.24	41.1	213
	120x120x32	AD1224HB-Y51	☉※●	24	0.21	5.04	2750	3.16 111.71	0.24 6.12	43.3	213
	120x120x32	AD1224UB-Y51	☉※●	24	0.32	7.68	3200	3.78 133.44	0.32 8.05	48.4	213
	120x120x32	AD1248HB-Y51	☉※●	48	0.11	5.28	2750	3.16 111.71	0.24 6.12	43.3	213
AD12032	120x120x32	AD1248UB-Y51	☉※●	48	0.15	7.20	3200	3.78 133.44	0.32 8.05	48.4	213
AD12038	120x120x38	AD1212DB-F51	☉※●	12	0.12	1.44	1500	1.62 57.29	0.09 2.16	28.4	235.0 /Plastic 297.0 /Aluminum
	120x120x38	AD1212LB-F51	☉※●	12	0.22	2.64	1950	2.03 71.64	0.13 3.25	36.2	
	120x120x38	AD1212MB-F51	☉※●	12	0.34	4.08	2540	2.73 96.30	0.23 5.79	45.0	
	120x120x38	AD1212HB-F51	☉※●	12	0.39	4.68	2800	2.98 105.46	0.27 6.73	46.7	
	120x120x38	AD1212UB-F51	☉※●	12	0.62	7.44	3200	3.40 120.11	0.34 8.51	48.0	
	AD12038	120x120x38	AD1224DB-F51	☉※●	24	0.07	1.68	1500	1.62 57.29	0.09 2.16	

DC Fan

AD 15mm ~ 172mm / Thickness : min 04mm ~ max 76mm

AS 38mm ~ 140mm / Thickness : min 25mm ~ max 76mm

AG 20mm ~ 127mm / Thickness : min 10mm ~ max 38mm



80x80x76



40x40x28



40x40x56



120x120x38

⊙=Ball ※=Sleeve ○=1B1S ●=Hypro bearing

Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)	
120x120x38	AD1224LB-F51	⊙※●	24	0.10	2.40	1950	2.03 71.64	0.13 3.25	36.2	235 /Plastic 297 /Aluminum	
120x120x38	AD1224MB-F51	⊙※●	24	0.20	4.80	2540	2.73 96.30	0.23 5.79	45.0		
120x120x38	AD1224HB-F51	⊙※●	24	0.26	6.24	2800	2.98 105.46	0.27 6.73	46.7		
120x120x38	AD1224UB-F51	⊙※●	24	0.38	9.12	3200	3.40 120.11	0.34 8.51	48.0		
120x120x38	AD1248LB-F51	⊙※●	48	0.09	4.32	1950	2.03 71.64	0.13 3.25	36.2		
120x120x38	AD1248MB-F51	⊙※●	48	0.13	6.24	2540	2.73 96.30	0.23 5.79	45.0		
120x120x38	AD1248HB-F51	⊙※●	48	0.18	8.64	2800	2.98 105.46	0.27 6.73	46.7		
120x120x38	AD1248UB-F51	⊙※●	48	0.22	10.56	3200	3.40 120.11	0.34 8.51	48.0		
120x120x38	AS12012DB389B00	⊙	12	0.60	7.20	3000	3.44 121.62	0.41 10.46	49.1		375
120x120x38	AS12012LB389B00	⊙	12	1.30	15.60	4000	4.59 162.05	0.68 17.34	56.9		375
120x120x38	AS12012MB389B00	⊙	12	2.30	27.60	5000	5.87 207.23	1.04 26.36	62.6	375	
120x120x38	AS12012HB389B00	⊙	12	3.70	44.40	6000	7.08 250.02	1.48 37.59	68.6	375	
120x120x38	AS12024DB389B00	⊙	24	0.35	8.40	3000	3.44 121.62	0.41 10.46	49.1	375	
120x120x38	AS12024LB389B00	⊙	24	0.65	15.60	4000	4.59 162.05	0.68 17.34	56.9	375	
120x120x38	AS12024MB389B00	⊙	24	1.05	25.20	5000	5.87 207.23	1.04 26.36	62.6	375	
120x120x38	AS12024HB389B00	⊙	24	1.75	42.00	6000	7.08 250.02	1.48 37.59	68.6	375	
120x120x38	AS12048DB389B00	⊙	48	0.20	9.60	3000	3.44 121.62	0.41 10.46	49.1	375	
120x120x38	AS12048LB389B00	⊙	48	0.35	16.80	4000	4.59 162.05	0.68 17.34	56.9	375	
120x120x38	AS12048MB389B00	⊙	48	0.55	26.40	5000	5.87 207.23	1.04 26.36	62.6	375	
120x120x38	AS12048HB389B00	⊙	48	0.85	40.80	6000	7.08 250.02	1.48 37.59	68.6	375	
120x120x38	AD1212DB-F91GP(F)	⊙	12	0.49	5.88	2800	3.69 130.54	0.30 7.49	48.5	335 /Plastic 390 /Aluminum	
120x120x38	AD1212LB-F91GP(FCU)	⊙	12	0.70	8.40	3200	4.25 150.12	0.38 9.73	52.5		
120x120x38	AD1212MB-F92GP(FCU)	⊙	12	0.96	11.52	3800	5.14 181.60	0.53 13.46	57.5		
120x120x38	AD1212HB-F91GP(FCU)	⊙	12	1.62	19.44	4300	5.65 199.73	0.63 15.88	61.0		
120x120x38	AD1224DB-F91GP(F)	⊙	24	0.23	5.52	2800	3.69 130.54	0.30 7.49	48.5		
120x120x38	AD1224LB-F91GP(FCU)	⊙	24	0.36	8.64	3200	4.25 150.12	0.38 9.73	52.5		
120x120x38	AD1224MB-F91GP(FCU)	⊙	24	0.58	13.92	3800	5.14 181.60	0.53 13.46	57.5		
120x120x38	AD1224HB-F91GP(FCU)	⊙	24	0.80	19.20	4300	5.65 199.73	0.63 15.88	61.0		
120x120x38	AD1224UB-F91GP(FCU)	⊙	24	1.15	27.60	4700	6.27 221.40	0.75 18.97	63.0		
120x120x38	AD1248DB-F91GP(F)	⊙	48	0.16	7.68	2800	3.69 130.54	0.30 7.49	48.5		
120x120x38	AD1248LB-F91GP(FCU)	⊙	48	0.18	8.64	3200	4.25 150.12	0.38 9.73	52.5		
120x120x38	AD1248MB-F91GP(FCU)	⊙	48	0.28	13.44	3800	5.14 181.60	0.53 13.46	57.5		
120x120x38	AD1248HB-F91GP(FCU)	⊙	48	0.44	21.12	4300	5.65 199.73	0.63 15.88	61.0		
120x120x38	AD1248UB-F91GP(FCU)	⊙	48	0.58	27.84	4700	6.27 221.40	0.75 18.97	63.0		
127x127x38	AD1312LB-F51	⊙	12	0.25	3.00	2000	3.04 107.49	0.16 4.11	41.0	370	



60x60x25



140x140x51

*: Noise is measured at the distance of 1 meter from the axis of intake.
Specifications are subject to change without prior notice.

⊙=Ball ⊛=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)	
AD12738	127x127x38	AD1312MB-F51	⊙	12	0.38	4.56	2500	3.78 133.66	0.24 6.07	47.5	370	
	127x127x38	AD1312HB-F51	⊙	12	0.65	7.80	2950	4.56 161.17	0.35 8.89	53.0	370	
	127x127x38	AD1312UB-F51(CU)	⊙	12	1.06	12.72	3500	5.47 193.37	0.46 11.73	56.0	370	
	127x127x38	AD1312XB-F51(CU)	⊙	12	1.95	23.40	4100	6.41 226.63	0.56 14.15	62.0	370	
	127x127x38	AD1324LB-F51	⊙	24	0.15	3.60	2000	3.04 107.49	0.16 4.11	41.0	370	
	127x127x38	AD1324MB-F51	⊙	24	0.22	5.28	2500	3.78 133.66	0.24 6.07	47.5	370	
	127x127x38	AD1324HB-F51	⊙	24	0.36	8.64	2950	4.56 161.17	0.35 8.89	53.0	370	
	127x127x38	AD1324UB-F51(CU)	⊙	24	0.50	12.00	3500	5.47 193.37	0.46 11.73	56.0	370	
	127x127x38	AD1324XB-F51(CU)	⊙	24	0.94	22.56	4100	6.41 226.63	0.56 14.15	62.0	370	
	127x127x38	AD1324VB-F51(CU)	⊙	24	1.10	26.40	4500	6.85 242.15	0.63 16.00	64.5	370	
AD12738	127x127x38	AD1348LB-F51	⊙	48	0.11	5.28	2000	3.04 107.49	0.16 4.11	41.0	370	
	127x127x38	AD1348MB-F51	⊙	48	0.15	7.20	2500	3.78 133.66	0.24 6.07	47.5	370	
	127x127x38	AD1348HB-F51	⊙	48	0.21	10.08	2950	4.56 161.17	0.35 8.89	53.0	370	
	127x127x38	AD1348UB-F51(CU)	⊙	48	0.31	14.88	3500	5.47 193.37	0.46 11.73	56.0	370	
	127x127x38	AD1348XB-F51(CU)	⊙	48	0.50	24.00	4100	6.41 226.63	0.56 14.15	62.0	370	
	127x127x38	AD1348VB-F51(CU)	⊙	48	0.64	30.72	4500	6.85 242.15	0.63 16.00	64.5	370	
	AG12738	127x127x38	AG12712LB385B00(OCU)	⊙	12	0.29	3.48	3000	3.25 114.76	0.47 11.94	46.4	360
		127x127x38	AG12712MB385B00(OCU)	⊙	12	0.63	7.56	4000	4.37 154.48	0.73 18.54	53.4	360
		127x127x38	AG12712HB385B00(OCU)	⊙	12	0.83	9.96	4500	4.88 172.52	0.91 23.19	56.6	360
		127x127x38	AG12712UB385B00(OCU)	⊙	12	1.16	13.92	5000	5.48 193.55	1.06 26.97	59.5	360
127x127x38		AG12724LB385B00(OCU)	⊙	24	0.15	3.60	3000	3.25 114.76	0.47 11.94	46.4	360	
127x127x38		AG12724MB385B00(OCU)	⊙	24	0.30	7.20	4000	4.37 154.48	0.73 18.54	53.4	360	
127x127x38		AG12724HB385B00(OCU)	⊙	24	0.43	10.32	4500	4.88 172.52	0.91 23.19	56.6	360	
127x127x38		AG12724UB385B00(OCU)	⊙	24	0.55	13.20	5000	5.48 193.55	1.06 26.97	59.5	360	
127x127x38		AG12724XB385B00(OCU)	⊙	24	0.73	17.52	5500	6.01 212.45	1.26 32.03	61.7	360	
127x127x38		AG12748LB385B00(OCU)	⊙	48	0.09	4.32	3000	3.25 114.76	0.47 11.94	46.4	360	
127x127x38		AG12748MB385B00(OCU)	⊙	48	0.17	8.16	4000	4.37 154.48	0.73 18.54	53.4	360	
127x127x38		AG12748HB385B00(OCU)	⊙	48	0.23	11.04	4500	4.88 172.52	0.91 23.19	56.6	360	
127x127x38		AG12748UB385B00(OCU)	⊙	48	0.29	13.92	5000	5.48 193.55	1.06 26.97	59.5	360	
127x127x38		AG12748XB385B00(OCU)	⊙	48	0.38	18.24	5500	6.01 212.45	1.26 32.03	61.7	360	
AD13525	135x135x25	ADN512DB-A91	⊙	12	0.12	1.44	1500	1.85 65.34	0.08 2.05	28.5	220	
	135x135x25	ADN512LB-A91	⊙	12	0.18	2.16	1800	2.21 77.95	0.11 2.72	33.6	220	
	135x135x25	ADN512MB-A91	⊙	12	0.20	2.40	2050	2.55 90.15	0.14 3.51	37.8	220	
	135x135x25	ADN512HB-A91	⊙	12	0.28	3.36	2200	2.70 95.37	0.19 4.83	39.0	220	
	135x135x25	ADN512UB-A91	⊙	12	0.31	3.72	2500	3.07 108.63	0.23 5.92	42.5	220	

DC Fan

AD 15mm ~ 172mm / Thickness : min 04mm ~ max 76mm

AS 38mm ~ 140mm / Thickness : min 25mm ~ max 76mm

AG 20mm ~ 127mm / Thickness : min 10mm ~ max 38mm



80x80x76



40x40x28



40x40x56



120x120x38

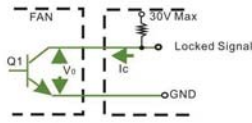
⊙=Ball ⊛=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AD13525	135x135x25	ADN512XB-A91	⊙	12	0.47	5.64	3100	3.82 134.85	0.32 8.00	49.7	220
	140x140x51	AS14012LB519B00	⊙	12	1.80	21.60	2800	6.72 237.50	0.52 13.10	56.0	710
	140x140x51	AS14012MB519B00	⊙	12	2.80	33.60	3200	7.84 276.80	0.67 17.00	60.0	710
	140x140x51	AS14012HB519B00	⊙	12	3.20	38.40	3600	8.97 316.90	0.83 21.20	64.0	710
	140x140x51	AS14024LB519B00	⊙	24	0.80	19.20	2800	6.72 237.50	0.52 13.10	56.0	710
	140x140x51	AS14024MB519B00	⊙	24	1.10	26.40	3200	7.84 276.80	0.67 17.00	60.0	710
	140x140x51	AS14024HB519B00	⊙	24	1.50	36.00	3600	8.97 316.90	0.83 21.20	64.0	710
	140x140x51	AS14048LB519B00	⊙	48	0.36	17.28	2800	6.73 237.50	0.52 13.10	56.0	710
	140x140x51	AS14048MB519B00	⊙	48	0.51	24.48	3200	7.84 276.80	0.67 17.00	60.0	710
AS14051	140x140x51	AS14048HB519B00	⊙	48	0.73	35.04	3600	8.97 316.90	0.83 21.20	64.0	710
	172x150x51	AD17212DB5151M0(0CW)	⊙	12	1.55	18.60	3500	7.50 265.00	0.75 19.00	58.8	762
	172x150x51	AD17212LB5151M0(0CW)	⊙	12	2.30	27.60	3900	8.35 295.00	0.89 22.60	60.6	762
	172x150x51	AD17224DB5151M0(0CW)	⊙	24	0.80	19.20	3500	7.50 265.00	0.75 19.00	58.8	762
	172x150x51	AD17224LB5151M0(0CW)	⊙	24	1.10	26.40	3900	8.35 295.00	0.89 22.61	60.6	762
	172x150x51	AD17224MB5151M0(0CW)	⊙	24	1.45	34.80	4300	9.25 327.00	1.07 27.30	64.0	762
	172x150x51	AD17224HB5151M0(0CW)	⊙	24	2.00	48.00	4800	10.24 362.00	1.33 33.90	65.7	762
	172x150x51	AD17224UB5151M0(0CW)	⊙	24	2.60	62.40	5300	11.80 417.00	1.69 43.00	67.9	762
	172x150x51	AD17248DB5151M0(0CW)	⊙	48	0.40	19.20	3500	7.50 265.00	0.75 19.00	58.8	762
	172x150x51	AD17248LB5151M0(0CW)	⊙	48	0.57	27.36	3900	8.35 295.00	0.89 22.60	60.6	762
	172x150x51	AD17248MB5151M0(0CW)	⊙	48	0.70	33.60	4300	9.25 327.00	1.07 27.30	64.0	762
	172x150x51	AD17248HB5151M0(0CW)	⊙	48	0.95	45.60	4800	10.24 362.00	1.33 33.90	65.7	762
AD17251	172x150x51	AD17248UB5151M0(0CW)	⊙	48	1.25	60.00	5300	11.80 417.00	1.69 43.00	67.9	762

DC Fan

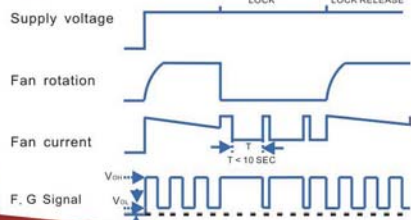
Signal Control Models

Output of locked signal
 *Output type.....Open collector type
 *Electrical specification:



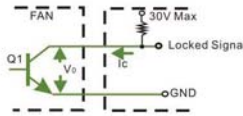
*Transistor Q1 at "ON" position
 Collector current..... $I_c=10\text{mA Max}$
 Saturation Voltage..... $V_{ce}=1.0\text{V Max}$
 (Between Collector and Emitter at $I_c=10\text{mA}$)
 *Transistor Q1 at "OFF" position
 Release Voltage..... $V_{oh}=30\text{V Max}$

*Output waveform



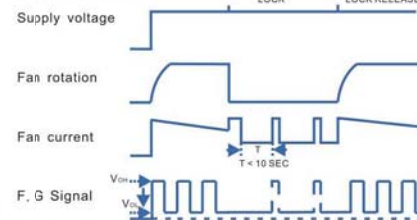
FG 3A

Output of locked signal
 *Output type.....Open collector type
 *Electrical specification:



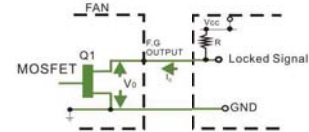
*Transistor Q1 at "ON" position
 Collector current..... $I_c=10\text{mA Max}$
 Saturation Voltage..... $V_{ce}=1.0\text{V Max}$
 (Between Collector and Emitter at $I_c=10\text{mA}$)
 *Transistor Q1 at "OFF" position
 Release Voltage..... $V_{oh}=30\text{V Max}$

*Output waveform



FG 3B

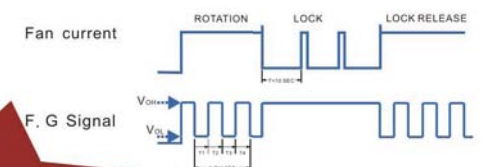
Output of locked signal
 *Output type.....Open Drain type
 *Electrical specification:



*Mosfet Q1 at "ON" position
 Drain current..... $I_D=10\text{mA Max}$
 Saturation Voltage..... $V_{ds}=0.5\text{V Max}$

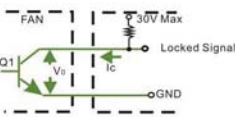
*Mosfet Q1 at "OFF" position
 Release Voltage..... $V_{oh}=6\text{V Max}$
 *Fan supply Voltage..... $V_{cc}=6\text{V Max}$

*Output waveform



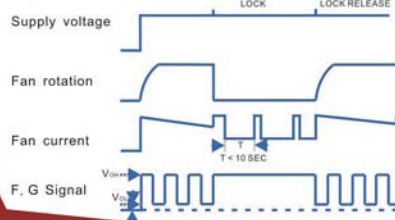
FG 3C

Output of locked signal
 *Output type.....Open collector type
 *Electrical design suggestion:



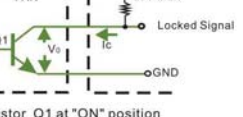
*Transistor Q1 at "ON" position
 Collector current..... $I_c=10\text{mA Max}$
 Saturation Voltage..... $V_{ce}=1.0\text{V Max}$
 (Between Collector and Emitter at $I_c=10\text{mA}$)
 *Transistor Q1 at "OFF" position
 Release Voltage..... $V_{oh}=30\text{V Max}$

*Output waveform



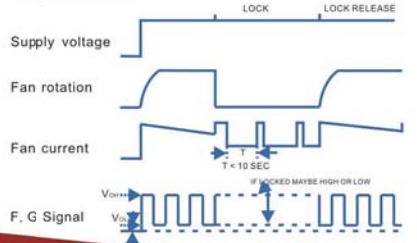
FG 3D

Output of locked signal
 *Output type.....Open collector type
 *Electrical design suggestion:



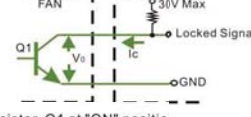
*Transistor Q1 at "ON" position
 Collector current..... $I_c=10\text{mA Max}$
 Saturation Voltage..... $V_{ce}=1.0\text{V Max}$
 (Between Collector and Emitter at $I_c=10\text{mA}$)
 *Transistor Q1 at "OFF" position
 Release Voltage..... $V_{oh}=30\text{V Max}$

*Output waveform



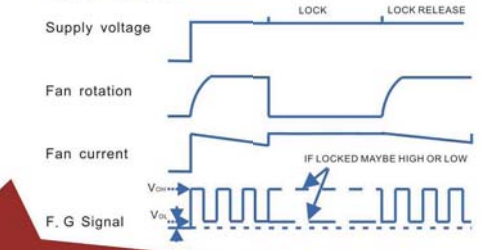
FG 3E

Output of locked signal
 *Output type.....Open collector type
 *Electrical design suggestion:



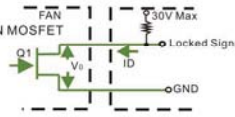
*Transistor Q1 at "ON" position
 Collector current..... $I_c=10\text{mA Max}$
 Saturation Voltage..... $V_{ce}=1.0\text{V Max}$
 (Between Collector and Emitter at $I_c=10\text{mA}$)
 *Transistor Q1 at "OFF" position
 Release Voltage..... $V_{oh}=30\text{V Max}$

*Output waveform



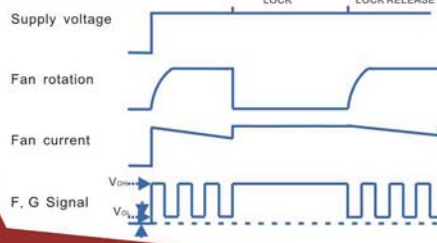
FG 6A

Output of locked signal
 *Output type.....Open collector type
 *Electrical specification:



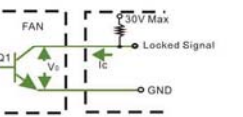
*Mosfet Q1 at "ON" position
 Drain current..... $I_D=10\text{mA Max}$
 Saturation Voltage..... $V_{ds}=0.5\text{V Max}$
 *Mosfet Q1 at "OFF" position
 Release Voltage..... $V_{oh}=30\text{V Max}$

*Output waveform



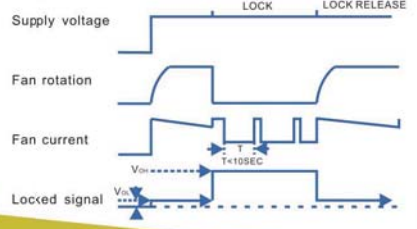
FG 6B

Output of locked signal
 *Output type.....Open collector type
 *Electrical specification:



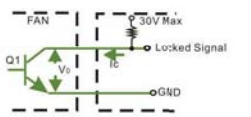
*Transistor Q1 at "ON" position
 Collector current..... $I_c=10\text{mA Max}$
 Saturation Voltage..... $V_{ce}=1.0\text{V Max}$
 (Between Collector and Emitter at $I_c=10\text{mA}$)
 *Transistor Q1 at "OFF" position
 Release Voltage..... $V_{oh}=30\text{V Max}$

*Output waveform



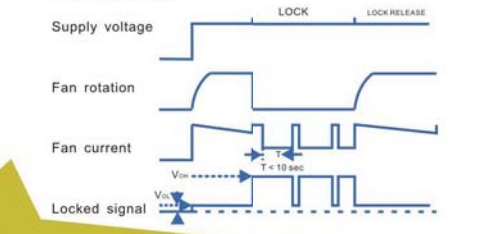
RD 2A

Output of locked signal
 *Output type.....Open collector type
 *Electrical specification:



*Transistor Q1 at "ON" position
 Collector current..... $I_c=10\text{mA Max}$
 Saturation Voltage..... $V_{ce}=1.0\text{V Max}$
 (Between Collector and Emitter at $I_c=10\text{mA}$)
 *Transistor Q1 at "OFF" position
 Release Voltage..... $V_{oh}=30\text{V Max}$

*Output waveform

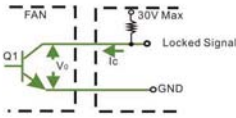


RD 2B

DC Fan

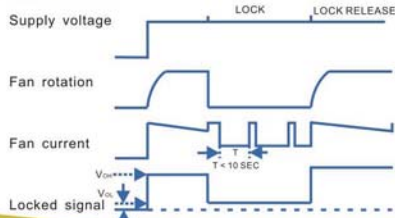
Signal Control Models

Output of locked signal
 *Output type.....Open collector type
 *Electrical specification:



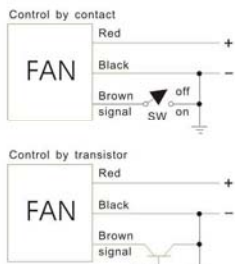
*Transistor Q1 at "ON" position
 Collector current..... $I_c=10\text{mA Max}$
 Saturation Voltage..... $V_{ce}=1.0\text{V Max}$
 (Between Collector and Emitter at $I_c=10\text{mA}$)
 *Transistor Q1 at "OFF" position
 Release Voltage..... $V_{ce}=30\text{V Max}$

*Output waveform



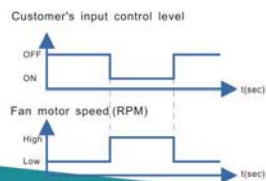
RD 2C

Two speed control
 *For example, AD0812HX-C77
 *Diagram:



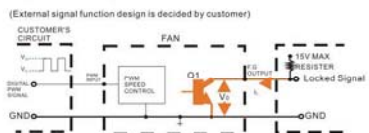
*Constant level

(Constant level)

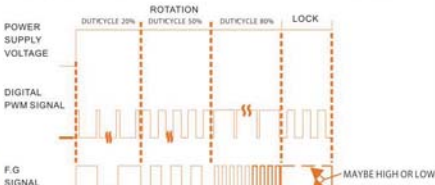


Version 7(TS)

PROVISION OF DIGITAL PWM SPEED CONTROL & LOCKED SIGNAL(F.G)
 Output of locked signal.....OPEN COLLECTOR TYPE
 (External signal function design is decided by customer)

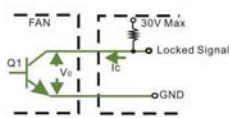


*TRANSISTOR Q1 AT "ON" POSITION
 COLLECTOR CURRENT..... $I_c=10\text{mA MAX}$
 SATURATION VOLTAGE..... $V_{ce}=1\text{V MAX}$
 *TRANSISTOR Q1 AT "OFF" POSITION
 RELEASE VOLTAGE..... $V_{ce}=15\text{V MAX}$
 *DIGITAL PWM SPEED CONTROL POSITION
 PWM INPUT VOLTAGE HIGH..... $V_{in}=5.5\text{V MAX}$
 PWM INPUT VOLTAGE LOW..... $V_{in}=0.5\text{V MAX}$
 *PWM INPUT FREQUENCY..... $F_{PWM}=18\text{KHZ}-30\text{KHZ}$



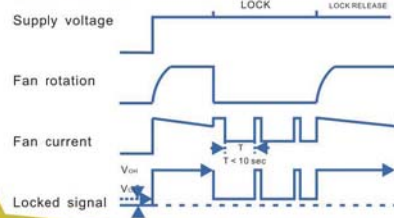
PWM 9A

Output of locked signal
 *Output type.....Open collector type
 *Electrical specification:



*Transistor Q1 at "ON" position
 Collector current..... $I_c=10\text{mA Max}$
 Saturation Voltage..... $V_{ce}=1.0\text{V Max}$
 (Between Collector and Emitter at $I_c=10\text{mA}$)
 *Transistor Q1 at "OFF" position
 Release Voltage..... $V_{ce}=30\text{V Max}$

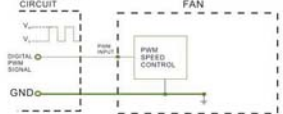
*Output waveform



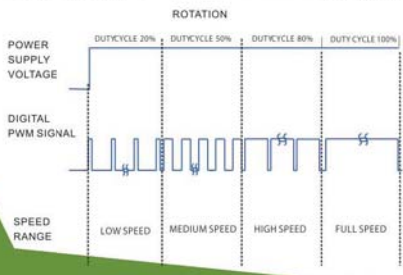
RD 2D

PROVISION OF DIGITAL PWM SPEED CONTROL

(External signal function design is decided by customer)



*DIGITAL PWM SPEED CONTROL POSITION
 PWM INPUT VOLTAGE HIGH..... $V_{in}=5.5\text{V MAX}$
 PWM INPUT VOLTAGE LOW..... $V_{in}=0.5\text{V MAX}$
 *PWM INPUT FREQUENCY..... $F_{PWM}=18\text{KHZ}-30\text{KHZ}$

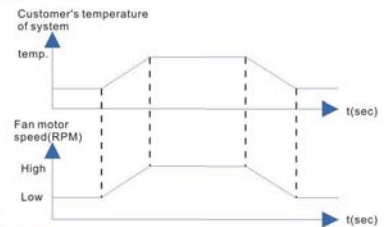


PWM 9A

Variable Speed by Thermistor
 For example, AD0812HX-A74
 Diagram:

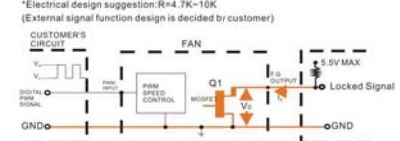


*Variable degree

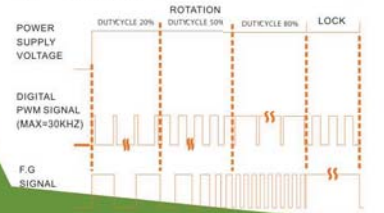


Version 4(VS)

PROVISION OF DIGITAL PWM SPEED CONTROL & LOCKED SIGNAL(F.G)
 Output of locked signal.....OPEN DRAIN TYPE
 *Electrical design suggestion: $R=4.7\text{K}-10\text{K}$
 (External signal function design is decided by customer)



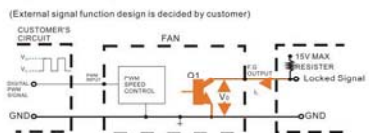
*MOSFET Q1 AT "ON" POSITION
 DRAIN CURRENT..... $I_d=10\text{mA MAX}$
 SATURATION VOLTAGE..... $V_{ce}=0.5\text{V MAX}$
 *MOSFET Q1 AT "OFF" POSITION
 RELEASE VOLTAGE..... $V_{ce}=5.5\text{V MAX}$
 *DIGITAL PWM SPEED CONTROL POSITION
 PWM INPUT VOLTAGE HIGH..... $V_{in}=5.5\text{V MAX}$
 PWM SINK CURRENT..... $I_{in}=10\text{mA (MAX)}$
 *PWM INPUT FREQUENCY..... $F_{PWM}=30\text{KHZ (MAX)}$



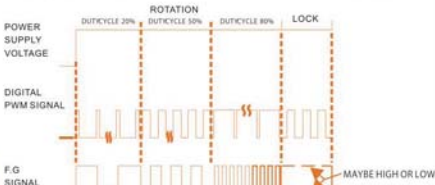
PWM BA

Fourth Lead Wire Design

PROVISION OF DIGITAL PWM SPEED CONTROL & LOCKED SIGNAL(F.G)
 Output of locked signal.....OPEN COLLECTOR TYPE
 (External signal function design is decided by customer)



*TRANSISTOR Q1 AT "ON" POSITION
 COLLECTOR CURRENT..... $I_c=10\text{mA MAX}$
 SATURATION VOLTAGE..... $V_{ce}=1\text{V MAX}$
 *TRANSISTOR Q1 AT "OFF" POSITION
 RELEASE VOLTAGE..... $V_{ce}=15\text{V MAX}$
 *DIGITAL PWM SPEED CONTROL POSITION
 PWM INPUT VOLTAGE HIGH..... $V_{in}=5.5\text{V MAX}$
 PWM INPUT VOLTAGE LOW..... $V_{in}=0.5\text{V MAX}$
 *PWM INPUT FREQUENCY..... $F_{PWM}=18\text{KHZ}-30\text{KHZ}$



PWM BB

Fourth Lead Wire Design

DC FAN GENERAL SPECIFICATION

ELECTRIC STRENGTH

..5mA max at 1500VAC for 1 min between lead wire and frame

INSULATION RESISTANCE

.....10M ohm between lead wire and frame(DC 500V)

LIFE EXPECTANCY(BALL BEARING)

...70,000hrs min at 40 degree C/L10 relative humidity 65%+/-20%

LIFE EXPECTANCY(HYPRO BEARING)

...>40,000hrs min at 40 degree C/L10 relative humidity 65%+/-20%

LIFE EXPECTANCY(FDB)

...>60,000hrs min at 40 degree C/L10 relative humidity 65%+/-20%

OPERATION TEMPERATURE

.....-10 to +70 degree c(+14 to +167 degree F), normal

.....-10 to 90 degree c(+14 to +194 degree F), specification

STORAGE TEMPERATURE

...-40 to 70 degree C(-40 to +167 degree F)

PROTECTION

...Motor protection and polarity protection

LEAD WIRE

.....UL1571AWG28,30

.....UL1007AWG24,26

.....UL1061AWG26

PLASTIC MATERIAL

.....Black PBT(UL 94V-0) with glass fiber

The technical characteristics given in this catalogue are standard plastic version, 12VDC unless specified.

Blower

AB 30mm ~ 120mm

Thickness : min 07mm ~ max 33mm



51x51x15



97x97x33



120x120x32

⊙=Ball ※=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AB3010	30X30X10	AB0305MB-GA0	⊙○●	5	0.08	0.42	7500	0.03 0.99	0.17 4.42	29.8	12
	30X30X10	AB0312MB-GA0	⊙○●	12	0.07	0.78	7500	0.03 0.99	0.17 4.42	29.8	12
	30X30X10	AB0312HB-GA0	⊙○●	12	0.09	1.04	9000	0.03 1.10	0.22 5.59	34.0	12
AB3507	35X35X07	AB3505LX-QB0	○●	5	0.10	0.52	5500	0.03 0.90	0.13 3.20	20.0	13
	35X35X07	AB3505MX-QB0	○●	5	0.14	0.70	6500	0.03 1.00	0.17 4.42	25.5	13
	35X35X07	AB3512MX-QB0	○●	12	0.10	1.14	6500	0.03 1.00	0.17 4.42	25.5	13
AB3510	35X35X10	AB3505LB-GA0	⊙○●	5	0.08	0.38	5000	0.03 1.00	0.15 1.05	23.0	16
	35X35X10	AB3505MB-GA0	⊙○●	5	0.08	0.41	6000	0.04 1.22	0.16 3.84	27.5	16
	35X35X10	AB3505HB-GA0	⊙○●	5	0.15	0.73	7000	0.04 1.52	0.22 4.98	30.7	16
	35X35X10	AB3512MB-GA0	⊙○●	12	0.06	0.74	6000	0.04 1.22	0.16 3.84	27.5	16
	35X35X10	AB3512HB-GA0	⊙○●	12	0.07	0.89	7000	0.04 1.52	0.22 4.98	30.7	16
AB4507	45x45x07	AB4505LB-QA0(S)	○●	5	0.07	0.35	4700	0.04 1.50	0.20 5.13	23.3	23
	45x45x07	AB4505MB-QA0(S)	○●	5	0.08	0.40	5500	0.05 1.70	0.29 7.33	27.9	23
	45x45x07	AB4505HB-QA0(S)	○●	5	0.12	0.60	6200	0.06 2.10	0.39 9.93	31.2	23
	45x45x07	AB4512LB-QA0(S)	○	12	0.04	0.48	4700	0.04 1.50	0.20 5.13	23.3	23
	45x45x07	AB4512MB-QA0(S)	○	12	0.06	0.72	5500	0.05 1.70	0.29 7.33	27.9	23
AB4510	45x45x10	AB4505LB-GD1(B)	⊙※●	5	0.07	0.35	4000	0.05 1.79	0.16 4.06	26.7	26
	45x45x10	AB4505MB-GD1(B)	⊙※●	5	0.09	0.45	5000	0.07 2.30	0.25 6.35	31.1	26
	45x45x10	AB4512LB-GD0(B)	⊙※●	12	0.06	0.72	4000	0.05 1.79	0.16 4.06	26.7	26
	45x45x10	AB4512MB-GD0(B)	⊙※●	12	0.07	0.84	5000	0.07 2.30	0.25 6.35	31.1	26
	45x45x10	AB4512HB-GD0(B)	⊙※●	12	0.09	1.08	5800	0.08 2.70	0.34 8.64	37.0	26
AB5009	50x50x09	AB0505LB-RB1	⊙※●	5	0.06	0.30	4000	0.06 2.09	0.17 4.32	26.5	28
	50x50x09	AB0505MB-RB1	⊙※●	5	0.10	0.50	5000	0.07 2.37	0.31 7.87	34.0	28
AB5015	50x50x15	AB05012MX150100	⊙	12	0.13	1.56	5500	0.14 4.88	0.43 10.90	38.8	27
AB5020	50x50x20	AB5012LB-C01	⊙※●	12	0.06	0.72	4000	0.09 3.29	0.21 5.33	26.4	28
	50x50x20	AB5012MB-C01	⊙※●	12	0.09	1.08	5000	0.12 4.28	0.36 9.12	32.5	28
	50x50x20	AB5012HB-C01	⊙※●	12	0.14	1.68	6000	0.15 5.20	0.51 12.90	37.0	28
AB5020	50x50x20	AB05012UB200300	⊙	12	0.25	3.00	5700	0.18 6.30	0.78 19.81	37.5	30
AB5115	51x51x15	AB05105HB150300	⊙	5	0.20	1.00	5500	0.12 4.17	0.50 12.80	38.0	26
	51x51x15	AB05112UB150300	⊙	12	0.18	2.16	6500	0.14 5.07	0.93 23.68	43.0	26
AB6015	60x60x15	AB0612UB-D03	⊙	12	0.26	3.12	5000	0.23 8.26	0.91 23.09	47.2	1.9
	60x60x25	AB06012DB250300	⊙	12	0.05	0.60	2300	0.12 4.30	0.16 4.06	21.5	45.6
	60x60x25	AB06012LB250300	⊙	12	0.09	1.03	2800	0.15 5.30	0.29 7.37	28.5	45.6
	60x60x25	AB06012MB250300	⊙	12	0.13	1.50	3300	0.18 6.30	0.38 9.65	34.5	45.6

Blower



45x45x10



30x30x10

*:Noise is measured at the distance of 1 meter from the axis of intake.
Specifications are subject to change without prior notice.

●=Ball ⚙=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AB7012	70x70x12	AB7012LB-E01	◎	12	0.06	0.72	2900	0.14 4.77	0.16 4.06	24.0	35
	70x70x12	AB7012HB-E01	◎	12	0.15	1.80	3800	0.19 6.68	0.44 11.07	34.0	35
AB7025	70x70x25	AB07012LB250300	◎●	12	0.06	0.72	2000	0.15 5.40	0.18 4.45	22.0	62
	70x70x25	AB07012MB250300	◎●	12	0.09	1.08	2600	0.20 7.20	0.35 8.76	26.5	62
	70x70x25	AB07012HB250300	◎●	12	0.18	2.16	3200	0.25 8.90	0.59 14.86	33.5	62
	70x70x25	AB07012UB250300	◎●	12	0.28	3.36	3800	0.30 10.50	0.95 24.13	39.0	62
	75x75x30	AB7512DB-W01	◎●	12	0.10	1.16	2200	0.25 8.90	0.20 5.08	28.7	80
AB7530	75x75x30	AB7512LB-W01	◎●	12	0.18	2.16	2800	0.32 11.40	0.35 8.89	37.6	80
	75x75x30	AB7512MB-W01	◎●	12	0.25	3.00	3400	0.39 13.80	0.56 14.22	41.7	80
	75x75x30	AB7512HB-W01	◎●	12	0.32	3.84	3900	0.45 15.90	0.77 19.56	45.4	80
	75x75x30	AB7512UB-W01	◎●	12	0.48	5.76	4500	0.52 18.50	1.02 25.91	49.1	80
	75x75x30	AD7512LB	◎※●	12	0.08	0.96	2200	0.20 6.90	0.19 4.83	29.0	80
AD7530	75x75x30	AD7512MB	◎※●	12	0.11	1.32	2600	0.22 7.80	0.23 5.79	34.9	80
	75x75x30	AD7512HB	◎※●	12	0.22	2.64	3000	0.29 10.29	0.35 8.89	38.5	80
	75x75x30	AD7512UB	◎※●	12	0.50	6.00	4200	0.37 13.10	0.82 20.88	44.7	80
	75x75x30	AD7524LB	◎※●	24	0.07	1.68	2200	0.20 6.89	0.19 4.83	29.0	80
	75x75x30	AD7524MB	◎※●	24	0.10	2.40	2600	0.22 7.78	0.23 5.79	34.9	80
	75x75x30	AD7524HB	◎※●	24	0.14	3.36	3000	0.29 10.29	0.35 8.89	38.5	80
	75x75x30	AD7524UB	◎※●	24	0.25	6.00	4200	0.37 13.08	0.82 20.88	44.7	80
	AB9433	94X94X33	AB0912DB-Z01(N)	◎	12	0.32	3.84	2800	0.64 22.58	0.47 11.94	44.0
94X94X33		AB0912LB-Z01(N)	◎	12	0.48	5.76	3200	0.76 26.70	0.74 18.80	48.4	157
94X94X33		AB0912MB-Z01(N)	◎	12	0.67	8.04	3600	0.83 29.23	0.87 22.12	52.2	157
94X94X33		AB0912HB-Z01(N)	◎	12	0.78	9.36	4000	0.93 32.83	1.12 28.32	56.3	157
94X94X33		AB0924LB-Z01(N)	◎	24	0.23	5.52	3200	0.76 26.70	0.74 18.80	48.4	157
94X94X33		AB0924MB-Z01(N)	◎	24	0.27	6.48	3600	0.83 29.23	0.87 22.12	52.2	157
AB9733	97x97x33	AB0924HB-Z01(N)	◎	24	0.35	8.40	4000	0.93 32.83	1.12 28.32	56.3	157
	97x97x33	AB09712LB330B01	◎	12	0.22	2.64	2500	0.54 19.10	0.35 8.89	43.6	193
	97x97x33	AB09712MB330B01	◎	12	0.42	5.04	3200	0.73 25.70	0.58 14.73	49.4	193
	97x97x33	AB09712HB330B01	◎	12	0.70	8.40	3900	0.91 32.10	0.94 23.88	53.8	193
	97x97x33	AB09712UB330B01	◎	12	1.15	13.80	4600	1.06 37.50	1.39 35.31	58.0	193
AB12032	97x97x33	AB09712XB330B01	◎	12	1.90	22.80	5300	1.23 43.30	2.35 59.69	62.8	193
	97x97x33	AB09712VB330B01	◎	12	2.80	33.60	6000	1.40 49.50	3.36 85.34	63.6	193
AB12032	120X120X32	AB1212DB-Y01	◎※●	12	0.26	3.12	1800	0.60 21.09	0.42 10.62	46.6	251
	120X120X32	AB1212LB-Y01	◎※●	12	0.41	4.92	2100	0.71 25.20	0.62 15.85	48.0	251
	120X120X32	AB1212MB-Y01	◎※●	12	0.53	6.36	2300	0.80 28.20	0.89 22.58	49.0	251

Blower

AB 30mm ~ 120mm

Thickness : min 07mm ~ max 33mm



51x51x15



97x97x33



120x120x32

●=Ball ※=Sleeve ○=1B1S ●=Hypro bearing

Frame Size (mm)	Model No.	Bearing System Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)		Maximum Pressure (InAq) (mmAq)		*Noise Level (dB/A)	Weight (g)	
120X120X32	AB1212HB-Y01	◎※●	12	0.79	9.48	2600	0.88	31.21	1.22	31.01	55.0	251	
120X120X32	AB1212UB-Y01	◎※●	12	0.94	11.28	2800	0.95	33.62	1.45	36.78	53.3	251	
120X120X32	AB1212XB-Y01	◎	12	1.12	13.44	3100	1.03	36.32	1.60	40.69	57.0	251	
120X120X32	AB1224DB-Y01	◎※●	24	0.19	4.56	1800	0.60	21.09	0.42	10.62	46.6	251	
120X120X32	AB1224LB-Y01	◎※●	24	0.25	6.00	2100	0.71	25.20	0.62	15.85	48.0	251	
120X120X32	AB1224MB-Y01	◎※●	24	0.36	8.64	2300	0.80	28.20	0.89	22.58	49.0	251	
120X120X32	AB1224HB-Y01	◎※●	24	0.43	10.32	2600	0.88	31.21	1.22	31.01	55.0	251	
120X120X32	AB1224UB-Y01	◎※●	24	0.50	12.00	2800	0.95	33.62	1.45	36.78	53.3	251	
120X120X32	AB1224XB-Y01	◎	24	0.68	16.32	3100	1.03	36.32	1.60	40.69	57.0	251	
120X120X32	AB1248DB-Y01	◎※●	48	0.09	4.32	1800	0.60	21.09	0.42	10.62	46.6	251	
120X120X32	AB1248LB-Y01	◎※●	48	0.16	7.68	2100	0.71	25.20	0.62	15.85	48.0	251	
120X120X32	AB1248MB-Y01	◎※●	48	0.18	8.64	2300	0.80	28.20	0.89	22.58	49.0	251	
120X120X32	AB1248HB-Y01	◎※●	48	0.22	10.56	2600	0.88	31.21	1.22	31.01	55.0	251	
AB12032	120X120X32	AB1248UB-Y01	◎※●	48	0.29	13.92	2800	0.95	33.62	1.45	36.78	53.3	251

DC Chip cooler

AP 35mm ~ 52mm

Thickness : min 08mm ~ max 12mm



45x45x10



40x40x08



35x35x08



52x52x12

●=Ball ☆=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AP3508	35x35x08	AP3505LB-J70	○●	5	0.06	0.30	7500	0.07 2.50	0.08 2.05	20.0	6
	35x35x08	AP3505MB-J70	○●	5	0.11	0.55	9000	0.09 3.30	0.14 3.45	27.9	6
	35x35x08	AP3505HB-J70	○●	5	0.11	0.55	10500	0.12 4.10	0.15 3.78	32.0	6
	35x35x08	AP3512MB-J70	○●	12	0.05	0.60	9000	0.09 3.30	0.14 3.45	27.9	6
	35x35x08	AP3512HB-J70	○●	12	0.08	0.96	10500	0.12 4.10	0.15 3.78	32.0	6
AP4008	40x40x08	AP0405MX-J70	○●	5	0.10	0.50	7000	0.13 4.70	0.11 2.78	28.0	15
	40x40x08	AP0412MX-J70	○●	12	0.06	0.72	7000	0.13 4.70	0.11 2.78	28.0	15
AP4010	40x40x10	AP0405MX-G70	●	5	0.13	0.65	8000	0.13 4.70	0.11 2.78	28.0	19.2
	40x40x10	AP0412LX-G70	○●	12	0.05	0.60	6500	0.10 3.50	0.06 1.58	19.0	19.2
	40x40x10	AP0412MX-G70	○●	12	0.06	0.72	8000	0.13 4.70	0.11 2.78	28.0	19.2
AP4508	45x45x08	AP4505LB-J90(S)	○●	5	0.04	0.20	4500	0.12 4.20	0.04 1.12	19.5	18
	45x45x08	AP4505MB-J90(S)	○●	5	0.07	0.35	5500	0.15 5.20	0.06 1.63	23.8	18
	45x45x08	AP4505HB-J90(S)	○●	5	0.09	0.45	6200	0.17 6.00	0.09 2.29	30.0	18
	45x45x08	AP4512LB-J90(S)	○●	12	0.04	0.48	4500	0.12 4.20	0.04 1.12	19.5	18
	45x45x08	AP4512MB-J90(S)	○●	12	0.05	0.60	5500	0.15 5.20	0.06 1.63	23.8	18
45x45x08	AP4512HB-J90(S)	○●	12	0.05	0.60	6200	0.17 6.00	0.09 2.29	30.0	18	
AP4510	45x45x10	AP4505LB-G90(S)	●	5	0.05	0.25	4800	0.13 4.50	0.05 1.30	19.9	18
	45x45x10	AP4505MB-G90(S)	●	5	0.08	0.40	5800	0.16 5.50	0.07 1.70	25.0	18
	45x45x10	AP4505HB-G90(S)	●	5	0.09	0.45	6500	0.17 6.00	0.09 2.29	30.0	18
	45x45x10	AP4512LB-G90(S)	●	12	0.04	0.48	4800	0.13 4.50	0.05 1.30	19.9	18
	45x45x10	AP4512MB-G90(S)	●	12	0.05	0.60	5800	0.16 5.50	0.07 1.70	25.0	18
45x45x10	AP4512HB-G90(S)	●	12	0.05	0.60	6500	0.17 6.00	0.09 2.29	30.0	18	
AP5008	50x50x08	AP0505LX-J90	○●	5	0.05	0.25	4300	0.18 6.20	0.06 1.40	23.0	24
	50x50x08	AP0505MX-J90	○●	5	0.08	0.40	5000	0.20 7.10	0.07 1.85	25.5	24
	50x50x08	AP0505HX-J90	○●	5	0.08	0.40	6300	0.26 9.20	0.10 2.60	32.6	24
	50x50x08	AP0512LX-J90	○●	12	0.05	0.60	4300	0.18 6.20	0.06 1.40	23.0	24
	50x50x08	AP0512MX-J90	○●	12	0.05	0.60	5000	0.20 7.10	0.07 1.85	25.5	24
50x50x08	AP0512HX-J90	○●	12	0.08	0.96	6300	0.26 9.20	0.10 2.58	32.6	24	
AP5212	52x52x12	AP0512MX-E70(8)	◎○●	12	0.06	0.72	4300	0.30 10.50	0.10 2.50	24.0	24.5

Water Dust & proof

AQ 60mm ~ 120mm

Thickness : min 25mm ~ max 38mm



60x60x25



70x70x25



80x80x25



92x92x25

●=Ball ◐=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AQ6025	60x60x25	AQ0612LB-A70GL(T)	◎	12	0.07	0.84	2500	0.37 13.20	0.06 1.60	18.1	64
	60x60x25	AQ0612MB-A71GL(T)	◎	12	0.10	1.20	3500	0.51 18.00	0.12 3.00	28.0	64
	60x60x25	AQ0612HB-A71GL(T)	◎	12	0.19	2.28	4500	0.71 25.00	0.18 4.78	36.9	64
	60x60x25	AQ0612UB-A71GL(T)	◎	12	0.26	3.12	5000	0.77 27.00	0.23 5.84	40.0	64
	60x60x25	AQ0624HB-A70GL(T)	◎	24	0.12	2.88	4500	0.71 25.00	0.19 4.78	36.9	64
	60x60x25	AQ0624UB-A71GL(T)	◎	24	0.14	3.36	5000	0.77 27.00	0.23 5.84	40.0	64
AQ7025	70x70x25	AQ0712LB-A70GL(T)	◎	12	0.10	1.20	3300	0.80 28.20	0.15 3.81	31.6	61
	70x70x25	AQ0712MB-A70GL(T)	◎	12	0.12	1.44	3800	0.91 32.30	0.18 4.47	33.6	61
	70x70x25	AQ0712HB-A70GL(T)	◎	12	0.18	2.16	4200	1.01 35.50	0.22 5.51	38.0	61
AQ8025	80x80x25	AQ0812LB-A70GL(T)	◎	12	0.08	0.96	2100	0.76 27.02	0.07 1.83	22.3	86
	80x80x25	AQ0812MB-A70GL(T)	◎	12	0.12	1.44	2500	0.92 32.38	0.10 2.59	29.4	86
	80x80x25	AQ0824LB-A70GL(T)	◎	24	0.04	0.96	2100	0.76 27.02	0.07 1.83	22.3	86
	80x80x25	AQ0824MB-A70GL(T)	◎	24	0.07	1.68	2500	0.92 32.38	0.10 2.59	29.4	86
AQ9225	92x92x25	AQ0912LB-A70GL(T)	◎	12	0.10	1.20	2100	1.15 40.69	0.08 2.06	29.2	92
	92x92x25	AQ0912MB-A70GL(T)	◎	12	0.15	1.80	2400	1.26 44.66	0.10 2.57	31.2	92
AQ12025	120x120x25	AQ1212DB-A71GL	◎	12	0.11	1.32	1500	1.62 57.21	0.07 1.88	27.4	156
	120x120x25	AQ1212LB-A71GL	◎	12	0.15	1.80	1800	2.03 71.81	0.09 2.36	34.4	156
	120x120x25	AQ1212MB-A71GL	◎	12	0.16	1.92	2050	2.29 81.05	0.11 2.87	38.0	156
	120x120x25	AQ1212HB-A71GL	◎	12	0.29	3.48	2200	2.49 87.87	0.13 3.40	39.1	156
	120x120x25	AQ1224DB-A71GL	◎	24	0.06	1.44	1500	1.62 57.21	0.07 1.88	27.4	156
	120x120x25	AQ1224LB-A71GL	◎	24	0.08	1.92	1800	2.03 71.81	0.09 2.36	34.3	156
	120x120x25	AQ1224MB-A71GL	◎	24	0.11	2.64	2050	2.29 81.05	0.11 2.87	38.0	156
	120x120x25	AQ1224HB-A71GL	◎	24	0.13	3.12	2200	2.49 87.87	0.13 3.40	39.1	156
AQ12038	120x120x38	AQ1212DB-F51(FN)	◎	12	0.11	1.32	1500	1.62 57.29	0.09 2.16	28.4	290
	120x120x38	AQ1212LB-F51(FN)	◎	12	0.19	2.28	1950	2.03 71.64	0.13 3.25	36.2	290
	120x120x38	AQ1212MB-F51(FN)	◎	12	0.33	3.96	2540	2.72 96.30	0.23 5.79	45.0	290
	120x120x38	AQ1212HB-F51(FN)	◎	12	0.45	5.40	2800	2.98 105.46	0.27 6.73	46.7	290
	120x120x38	AQ1224DB-F51(FN)	◎	24	0.08	1.92	1500	1.62 57.29	0.09 2.16	28.4	290
	120x120x38	AQ1224LB-F51(FN)	◎	24	0.12	2.88	1950	2.03 71.64	0.13 3.25	36.2	290
	120x120x38	AQ1224MB-F51(FN)	◎	24	0.19	4.56	2540	2.73 96.30	0.23 5.79	45.0	290
	120x120x38	AQ1224HB-F51(FN)	◎	24	0.24	5.76	2800	2.98 105.46	0.27 6.73	46.7	290
	120x120x38	AQ1248LB-F51(FN)	◎	48	0.06	2.88	1950	2.03 71.64	0.13 3.25	36.2	290
	120x120x38	AQ1248MB-F51(FN)	◎	48	0.10	4.80	2540	2.73 96.30	0.23 5.79	45.0	290
	120x120x38	AQ1248HB-F51(FN)	◎	48	0.18	8.64	2800	2.98 105.46	0.27 6.73	46.7	290

AC Fan

AX 80mm ~ 273mm / Thickness : min 38mm ~ max 89mm

AK 172mm ~ 288mm / Thickness : min 51mm ~ max 789mm

AA 80mm ~ 172mm / Thickness : min 25mm ~ max 55mm



172x150x51



254x89



280x89



162x55

●=Ball ⦿=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Volt / Freq. (VCA / Hz)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)	
AA8025	80x80x25	AA8251HB-AT	⦿※	115/50	0.07	6.90	2300	0.48 17.00	0.10 2.52	21.2	210	
	80x80x25	AA8251HB-AT	⦿※	115/60	0.06	5.80	2800	0.59 21.00	0.13 3.60	27.8	210	
	80x80x25	AA8252HB-AT	⦿※	230/50	0.07	12.30	2300	0.48 17.00	0.10 2.52	21.2	210	
	80x80x25	AA8252HB-AT	⦿※	230/60	0.06	9.50	2800	0.59 21.00	0.13 3.60	27.8	210	
	80x80x25	AA8251MB-AT	⦿※	115/50	0.07	6.90	1900	0.42 15.00	0.08 1.91	18.3	210	
	80x80x25	AA8251MB-AT	⦿※	115/60	0.06	5.80	2500	0.54 19.00	0.12 3.00	24.0	210	
	80x80x25	AA8252MB-AT	⦿※	230/50	0.07	13.20	1900	0.42 15.00	0.08 1.91	18.3	210	
	80x80x25	AA8252MB-AT	⦿※	230/60	0.06	9.50	2500	0.54 19.00	0.12 3.00	24.0	210	
AA8038	80x80x38	AA8381HB-AT	⦿※●	115/50	0.14	10.40	2400	0.68 24.00	0.11 2.79	26.2	320	
	80x80x38	AA8381HB-AT	⦿※●	115/60	0.11	7.80	2800	0.84 29.60	0.17 4.22	31.6	320	
	80x80x38	AA8382HB-AT	⦿※●	230/50	0.06	8.40	2400	0.68 24.00	0.11 2.79	26.2	320	
	80x80x38	AA8382HB-AT	⦿※●	230/60	0.05	6.50	2800	0.84 29.60	0.17 4.22	31.6	320	
	80x80x38	AA8381MB-AT	⦿※●	115/50	0.07	7.60	2300	0.62 22.00	0.11 2.72	25.3	320	
	80x80x38	AA8381MB-AT	⦿※●	115/60	0.06	6.50	2400	0.68 24.00	0.11 2.79	26.2	320	
	80x80x38	AA8382MB-AT	⦿※●	230/50	0.04	8.10	2300	0.62 22.00	0.11 2.72	25.3	320	
	80x80x38	AA8382MB-AT	⦿※●	230/60	0.03	6.40	2400	0.68 24.00	0.11 2.79	26.2	320	
AA9225	92x92x25	AA9251HB-AT	⦿※	115/50	0.07	7.90	2000	0.79 28.00	0.08 1.93	24.1	230	
	92x92x25	AA9251HB-AT	⦿※	115/60	0.06	6.40	2400	0.96 34.00	0.12 2.95	30.1	230	
	92x92x25	AA9252HB-AT	⦿※	230/50	0.07	14.9	2000	0.79 28.00	0.08 1.93	24.1	230	
	92x92x25	AA9252HB-AT	⦿※	230/60	0.06	12.90	2400	0.96 34.00	0.12 2.95	30.1	230	
	92x92x25	AA9251MB-AT	⦿※	115/50	0.07	7.90	1800	0.71 25.00	0.06 1.50	21.1	230	
	92x92x25	AA9251MB-AT	⦿※	115/60	0.06	6.50	2200	0.86 30.50	0.09 2.26	26.8	230	
	92x92x25	AA9252MB-AT	⦿※	230/50	0.07	14.90	1800	0.71 25.00	0.06 1.50	21.1	230	
	92x92x25	AA9252MB-AT	⦿※	230/60	0.06	12.90	2200	0.86 30.50	0.09 2.26	26.8	230	
AA12025	120x120x25	AA1251MB-AT	⦿※	115/50	0.23	25.30	2200	1.84 65.00	0.13 3.30	38.7	340	
	120x120x25	AA1251MB-AT	⦿※	115/60	0.18	19.60	2300	2.01 71.00	0.16 3.96	44.1	340	
	120x120x25	AA1252MB-AT	⦿※	230/50	0.10	20.70	2200	1.84 65.00	0.13 3.30	38.7	340	
	120x120x25	AA1252MB-AT	⦿※	230/60	0.09	18.40	2300	2.01 71.00	0.16 3.96	44.1	340	
	AA12038	120x120x38	AA1281HB-AT	⦿※	115/50	0.23	17.00	2700	2.35 83.00	0.30 7.62	42.2	550
		120x120x38	AA1281HB-AT	⦿※	115/60	0.18	14.00	3000	2.67 94.50	0.35 8.89	44.5	550
120x120x38		AA1282HB-AT	⦿※	230/50	0.13	30.40	2700	2.35 83.00	0.30 7.62	42.2	550	
120x120x38		AA1282HB-AT	⦿※	230/60	0.10	23.50	3000	2.67 94.50	0.35 8.89	44.5	550	
120x120x38		AA1281MB-AT	⦿※	115/50	0.16	18.80	2600	2.31 81.50	0.24 6.20	41.0	550	
120x120x38		AA1281MB-AT	⦿※	115/60	0.14	16.00	2800	2.46 87.00	0.21 5.33	43.0	550	
120x120x38	AA1282MB-AT	⦿※	230/50	0.08	18.40	2600	2.31 81.50	0.24 6.20	41.0	550		

AC Fan



172x38



175x126x40

*:Noise is measured at the distance of 1 meter from the axis of intake.
Specifications are subject to change without prior notice.

●=Ball ⦿=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Volt / Freq. (VCA / Hz)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AA12038	120x120x38	AA1282MB-AT	⦿※	230/60	0.07	16.00	2800	2.46 87.00	0.21 5.33	43.0	550
	120x120x38	AA1281LB-AT	⦿※	115/50	0.10	11.70	2400	2.15 76.00	0.18 4.57	40.1	550
	120x120x38	AA1281LB-AT	⦿※	115/60	0.09	10.80	2200	1.92 68.00	0.10 2.54	37.9	550
	120x120x38	AA1282LB-AT	⦿※	230/50	0.05	7.10	2400	2.15 76.00	0.18 4.57	40.1	550
	120x120x38	AA1282LB-AT	⦿※	230/60	0.04	6.60	2200	1.92 68.00	0.10 2.54	37.9	550
	120x120x38	AA1281DB-AT	⦿※	115/50	0.08	9.20	2300	1.98 70.00	0.13 3.30	39.2	550
	120x120x38	AA1281DB-AT	⦿※	115/60	0.07	8.60	1700	1.51 53.50	0.06 1.52	30.5	550
	120x120x38	AA1282DB-AT	⦿※	230/50	0.05	10.58	2300	1.98 70.00	0.13 3.30	39.2	550
	120x120x38	AA1282DB-AT	⦿※	230/60	0.04	8.51	1700	1.51 53.50	0.06 1.52	30.5	550
AA12038	120x120x38(A1)	AA1281HB-AW(A1)	⦿※●	115/50	0.22	24.20	2700	2.58 91.20	0.31 7.87	42.6	550
	120x120x38(A1)	AA1281HB-AW(A1)	⦿※●	115/60	0.18	19.60	3100	2.90 102.50	0.32 8.13	47.0	550
	120x120x38(A1)	AA1282HB-AW(A1)	⦿※●	230/50	0.13	27.60	2700	2.58 91.20	0.31 7.87	42.6	550
AA12038	120x120x38(A1)	AA1282HB-AW(A1)	⦿※●	230/60	0.10	20.70	3100	2.90 102.50	0.32 8.13	47.0	550
	120x120x38(AW)	AA1281UB-AW	⦿※●	115/50	0.30	33.40	2400	2.72 96.00	0.24 6.10	46.4	550
	120x120x38(AW)	AA1281UB-AW	⦿※●	115/60	0.25	27.60	2600	3.03 107.00	0.25 6.35	48.1	550
AA12038	120x120x38(AW)	AA1282UB-AW	⦿※●	230/50	0.14	29.90	2400	2.72 96.00	0.24 6.10	46.4	550
	120x120x38(AW)	AA1282UB-AW	⦿※●	230/60	0.12	25.30	2600	3.03 107.00	0.25 6.35	48.1	550
	120x120x38(AX)	AX12381HB-C	⦿	115/50	0.20	22.60	2700	3.05 108.00	0.32 8.10	43.0	504
AX12038	120x120x38(AX)	AX12381HB-C	⦿	115/60	0.19	21.80	3100	3.50 124.00	0.42 10.57	47.0	504
	120x120x38(AX)	AX12382HB-C	⦿	230/50	0.09	21.60	2600	3.02 107.00	0.31 7.87	43.0	504
	120x120x38(AX)	AX12382HB-C	⦿	230/60	0.09	20.70	3000	3.40 120.60	0.39 9.80	47.0	504
AXB1231	125x126x40(AXB)	AXB12311HB-C	⦿※	115/50	0.24	27.00	2650	1.08 38.00	0.62 15.85	55.0	668
	125x126x40(AXB)	AXB12311HB-C	⦿※	115/60	0.24	27.00	3000	1.20 42.50	0.91 23.09	57.0	668
AX16238	162x150x38	AX15382HB-C	⦿	230/50	0.14	29.90	2850	4.53 160.00	0.57 14.53	57.0	710
	162x150x38	AX15382HB-C	⦿	230/60	0.14	29.90	3400	5.21 184.00	0.71 18.08	61.0	710
AX16255	162x150x55	AX15552HB	⦿	230/50	0.25	36.00	2700	4.53 160.00	0.48 12.27	52.0	890
	162x150x55	AX15552HB	⦿	230/60	0.22	33.00	3000	4.92 174.00	0.40 10.21	56.0	890
	162x150x55	AX15551HB-C	⦿	115/50	0.36	40.00	2800	6.59 233.00	0.57 14.53	56.0	870
	162x150x55	AX15551HB-C	⦿	115/60	0.37	41.40	3200	7.61 270.00	0.71 17.98	61.0	870
	162x150x55	AX15552HB-C	⦿	230/50	0.16	34.50	2800	6.59 233.00	0.57 14.53	56.0	870
	162x150x55	AX15552HB-C	⦿	230/60	0.19	41.40	3200	7.61 270.00	0.71 17.98	61.0	870
	162x150x55	AX15552HB-C	⦿	230/60	0.19	41.40	3200	7.61 270.00	0.71 17.98	61.0	870
AX17238	172x150x38	AX17382HB-C	⦿	230/50	0.14	32.00	2850	4.67 165.00	0.64 16.33	57.0	760
	172x150x38	AX17382HB-C	⦿	230/60	0.14	32.00	3400	5.55 195.00	0.74 18.85	61.0	760
AK17251(AK175)	172x150x51	AA1751HB-AT	⦿	115/50	0.52	40.90	2500	5.55 196.00	0.43 10.80	52.3	930
	172x150x51	AA1751HB-AT	⦿	115/60	0.47	36.70	2800	5.94 210.00	0.27 6.76	53.0	930

AC Fan

AX 80mm ~ 273mm / Thickness : min 38mm ~ max 89mm

AK 172mm ~ 288mm / Thickness : min 51mm ~ max 789mm

AA 80mm ~ 172mm / Thickness : min 25mm ~ max 55mm



172x150x51



254x89



280x89



162x55

●=Ball ●=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Volt / Freq. (VCA / Hz)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AK17251(AK175)	172x150x51	AA1752HB-AT	◎	230/50	0.28	41.90	2500	5.55 196.00	0.43 10.80	52.3	930
	172x150x51	AA1752HB-AT	◎	230/60	0.24	37.60	2800	5.94 210.00	0.27 6.76	53.0	930
AK17251(AK165)	172x150x51	AK1651HB	◎	115/50	0.55	62.10	2600	4.87 172.00	0.43 11.00	55.5	1050
	172x150x51	AK1651HB	◎	115/60	0.46	51.80	2700	5.35 189.00	0.41 10.36	57.7	1050
	172x150x51	AK1651MB	◎	115/50	0.33	36.80	2400	4.53 160.00	0.34 8.64	53.0	1050
	172x150x51	AK1651MB	◎	115/60	0.31	34.50	2300	3.96 140.00	0.18 4.57	50.3	1050
	172x150x51	AK1652HB	◎	230/50	0.27	59.80	2600	4.87 172.00	0.43 11.00	55.5	1050
	172x150x51	AK1652HB	◎	230/60	0.23	50.60	2700	5.35 189.00	0.41 10.36	57.7	1050
	172x150x51	AK1652MB	◎	230/50	0.17	36.80	2400	4.53 160.00	0.34 8.64	53.0	1050
	172x150x51	AK1652MB	◎	230/60	0.17	36.80	2300	3.96 140.00	0.18 4.57	50.3	1050
AA17251-NSC	172x150x51	AA1751HB	◎	115/50	0.42	47	2800	7.02 248.00	0.74 18.69	57.6	970
	172x150x51	AA1751HB	◎	115/60	0.43	49	3200	8.12 287.00	0.85 21.67	60.4	970
AK17251(AK175)	172x150x51	AK1751HB	◎	115/50	0.25	27.60	2700	5.09 180.00	0.53 13.54	63.0	1050
	172x150x51	AK1751HB	◎	115/60	0.24	26.50	3100	5.94 210.00	0.70 17.78	65.0	1050
	172x150x51	AK1751MB	◎	115/50	0.15	16.10	2500	4.39 155.00	0.40 10.16	56.6	1050
	172x150x51	AK1751MB	◎	115/60	0.19	20.70	2500	4.39 155.00	0.40 10.16	56.6	1050
	172x150x51	AK1752HB	◎	230/50	0.11	23.00	2700	5.09 180.00	0.53 13.54	63.0	1050
	172x150x51	AK1752HB	◎	230/60	0.13	27.60	3100	5.94 210.00	0.70 17.78	65.0	1050
	172x150x51	AK1752MB	◎	230/50	0.08	16.10	2500	4.39 155.00	0.40 10.16	56.6	1050
	172x150x51	AK1752MB	◎	230/60	0.10	20.70	2500	4.39 155.00	0.40 10.16	56.6	1050
AX17251	172x150x51(AX)	AX17511HB-C	◎	115/50	0.36	40.00	2850	6.79 240.00	0.66 16.64	56.0	970
	172x150x51(AX)	AX17511HB-C	◎	115/60	0.37	41.40	3300	7.78 275.00	0.73 18.47	61.0	970
	172x150x51(AX)	AX17512HB-C	◎	230/50	0.16	34.50	2850	6.79 240.00	0.66 16.64	56.0	970
	172x150x51(AX)	AX17512HB-C	◎	230/60	0.19	42.00	3300	7.78 275.00	0.73 18.47	61.0	970
AK17689	176x176x89	AK1781HB	◎	115/50	0.57	64.40	2800	9.34 330.00	0.64 16.26	66.4	1800
	176x176x89	AK1781HB	◎	115/60	0.48	52.00	3200	10.75 380.00	0.81 20.57	70.0	1800
	176x176x89	AK1782HB	◎	230/50	0.21	40.90	2800	9.34 330.00	0.64 16.26	66.4	1800
	176x176x89	AK1782HB	◎	230/60	0.23	49.50	3200	10.75 380.00	0.81 20.57	70.0	1800
AK18065	180x180x65	AK1861HB	◎	115/50	0.53	59.80	2800	9.91 350.00	0.70 17.78	70.0	1800
	180x180x65	AK1861HB	◎	115/60	0.50	55.20	3200	11.60 410.00	0.85 21.59	72.0	1800
	180x180x65	AK1862HB	◎	230/50	0.23	46.50	2800	9.91 350.00	0.70 17.78	70.0	1800
AK18065	180x180x65	AK1862HB	◎	230/60	0.24	51.10	3200	11.60 410.00	0.85 21.59	72.0	1800
AK20572	205x205x72	AK2071HB	◎	115/50	0.60	67.90	2800	16.98 600.00	0.93 23.62	72.0	2100
	205x205x72	AK2071HB	◎	115/60	0.88	100.00	3200	18.82 665.00	0.50 12.70	75.4	2100
	205x205x72	AK2072HB	◎	230/50	0.32	63.20	2800	16.98 600.00	0.93 23.62	72.0	2100

AC Fan



172x38



175x126x40

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Specifications are subject to change without prior notice.

●=Ball ⦿=Sleeve ○=1B1S ●=Hypro bearing

	Frame Size (mm)	Model No.	Bearing Type	Volt / Freq. (VCA / Hz)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
AK20572	205x205x72	AK2072HB	⦿	230/60	0.47	95.20	3200	18.82 665.00	0.50 12.70	75.4	2100
	222x60	AX22602HB-C	⦿	230/50	0.25	56.60	2800	12.17 430.00	0.79 20.07	59.0	1540
AX22260	222x60	AX22602HB-C	⦿	230/60	0.27	61.20	3200	13.58 480.00	0.54 13.82	62.0	1540
	254x89	AK2581HB	⦿	115/50	0.55	56.00	2100	19.24 680.00	0.35 8.79	66.0	2000
	254x89	AK2581HB	⦿	115/60	0.62	67.80	2000	17.83 630.00	0.28 7.01	62.0	2000
	254x89	AK2582HB	⦿	230/50	0.26	55.40	2100	19.24 680.00	0.35 8.79	66.0	2000
	254x89	AK2582HB	⦿	230/60	0.30	62.80	2000	17.83 630.00	0.28 7.01	62.0	2000
	254x89	AK2581MB	⦿	115/50	0.22	24.20	1350	12.74 450.00	0.26 6.65	55.6	2000
	254x89	AK2581MB	⦿	115/60	0.24	26.50	1600	15.00 530.00	0.32 8.19	57.0	2000
	254x89	AK2582MB	⦿	230/50	0.16	32.20	1350	12.74 450.00	0.26 6.65	55.6	2000
AK25489	254x89	AK2582MB	⦿	230/60	0.14	28.80	1600	15.00 530.00	0.32 8.19	57.0	2000
	254x89(AX)	AX25891HB-C	⦿	115/50	0.68	78.40	2400	20.38 720.00	0.53 13.40	80.0	2150
	254x89(AX)	AX25891HB-C	⦿	115/60	0.85	98.30	2500	21.23 750.00	0.45 11.84	88.0	2150
	254x89(AX)	AX25892HB-C	⦿	230/50	0.35	79.60	2400	20.38 720.00	0.53 13.40	80.0	2150
AX25489	254x89(AX)	AX25892HB-C	⦿	230/60	0.42	97.60	2500	21.23 750.00	0.45 11.84	88.0	2150
	280x89	AK2881HB	⦿	115/50	1.80	180.00	2800	33.96 1200.00	0.05 1.26	75.0	3500
	280x89	AK2881HB	⦿	115/60	2.60	260.00	3000	39.62 1400.00	0.04 1.11	78.0	3500
	280x89	AK2882HB	⦿	230/50	0.78	177.10	2800	33.96 1200.00	0.05 1.26	75.0	3500
	280x89	AK2882HB	⦿	230/60	1.22	260.00	3000	39.62 1400.00	0.04 1.11	78.0	3500
	280x89	AK2881MB	⦿	115/50	0.75	52.70	1450	17.69 625.00	0.01 0.36	60.0	3500
	280x89	AK2881MB	⦿	115/60	0.66	51.30	1700	20.94 740.00	0.02 0.46	62.0	3500
	280x89	AK2882MB	⦿	230/50	0.26	52.10	1450	17.69 625.00	0.01 0.36	60.0	3500
AK28089	280x89	AK2882MB	⦿	230/60	0.27	54.30	1700	20.94 740.00	0.02 0.46	62.0	3500

THERMAL MODULE

32 years' experiences specializing in cooling solutions. Sustained by more than 100 R&D engineers team.

- ▶ *New thermal module design brings you into a fantastic 3D world.*
- ▶ *The most efficient cooling solution.* ▶ *State-of-the-art vapor chamber technology.*
- ▶ *Providing the super silent working status.*
- ▶ *Over 85% of the materials recyclable response to environment protection.*

Graphic Card Solution



1HP single slot
- 80w solution



2HP single slot
- 85w solution



3HP + VC
- 210w solution



4HP
- 150w solution



5HP
- 190w solution



5HP
- 160w solution



45w
single slot solution



65w
single slot solution

Chip Cooler



CPU cooler



Motherboard total solution with HP



Extrusion active solution



Extrusion passive solution



Extrusion with anodizing passive solution

NB module



NB module



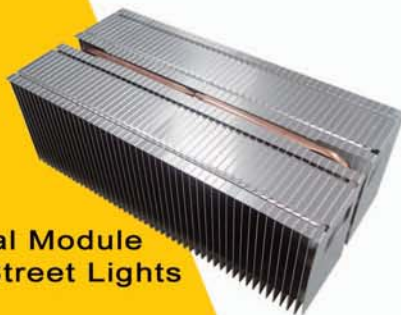
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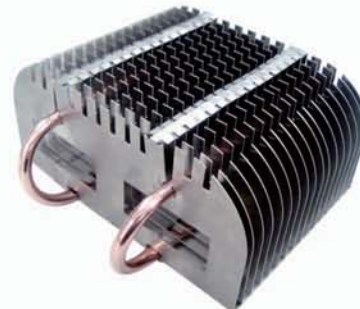
NB module



NB module



Thermal Module for LED Street Lights



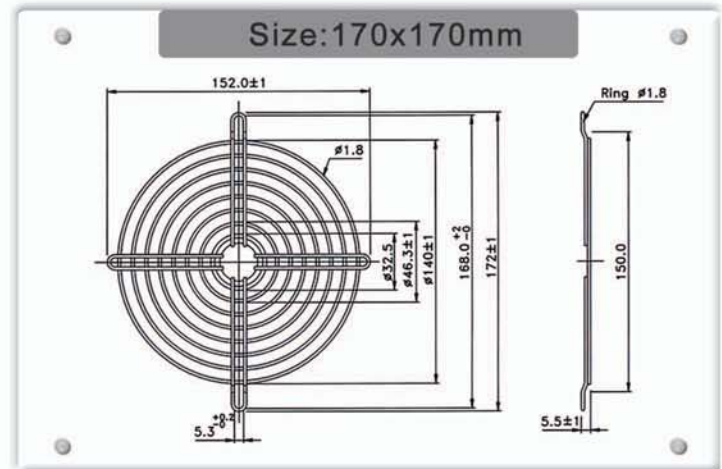
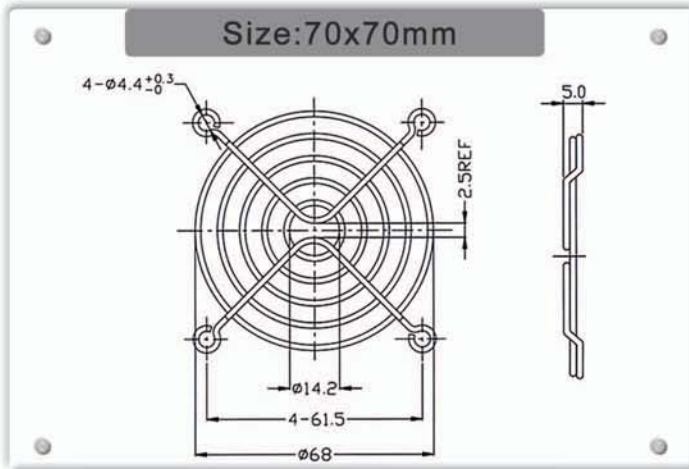
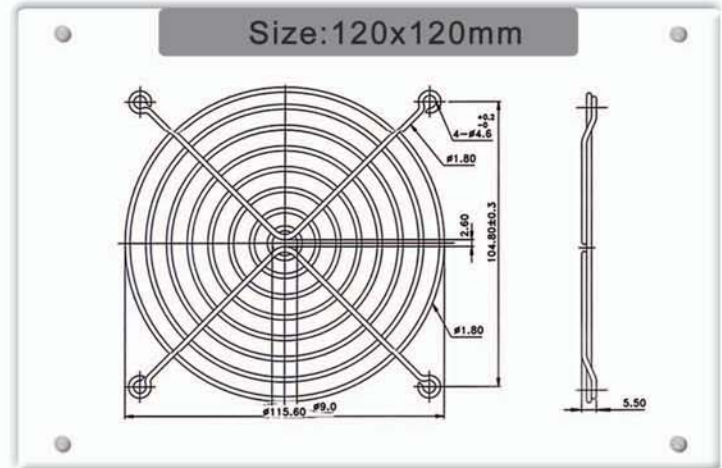
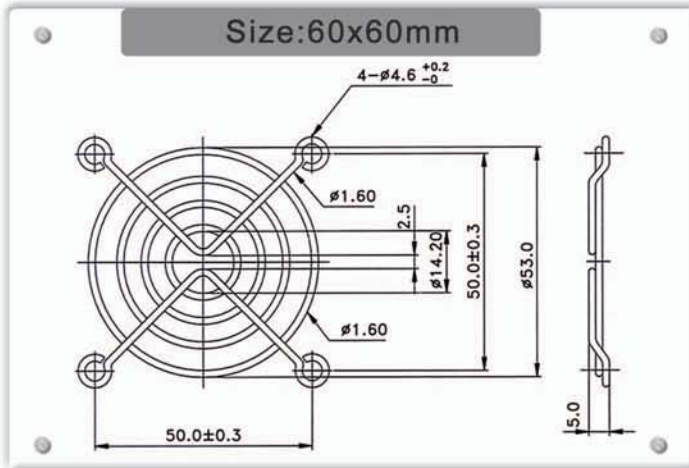
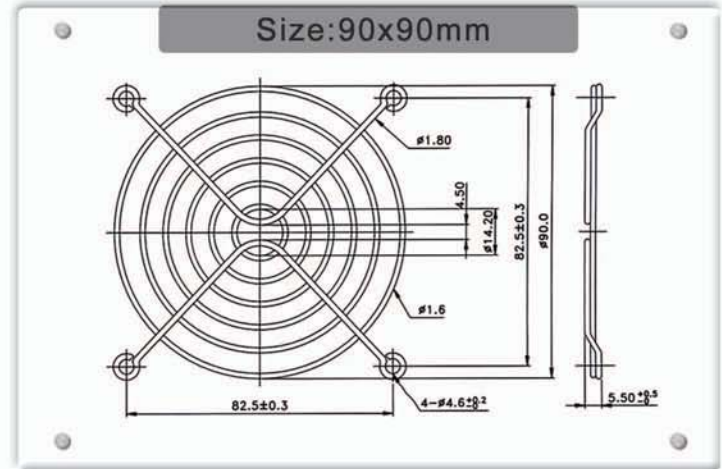
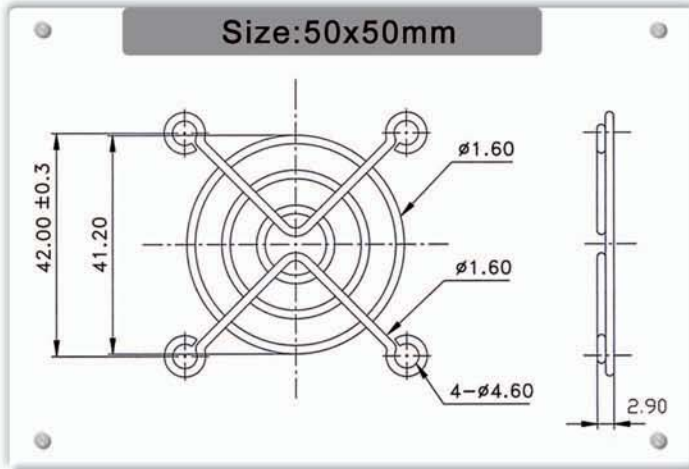
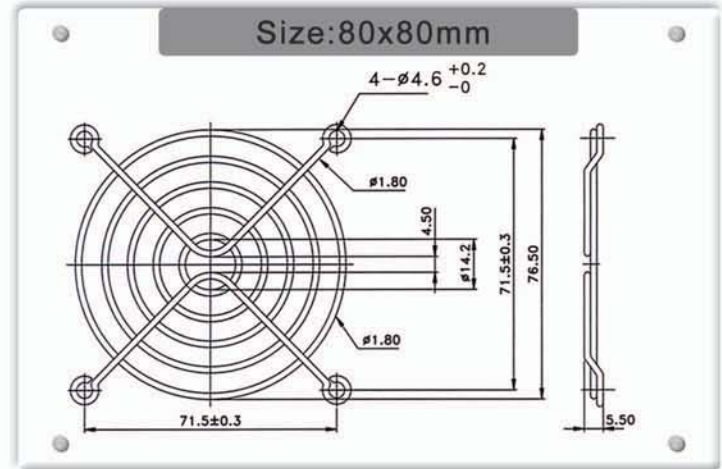
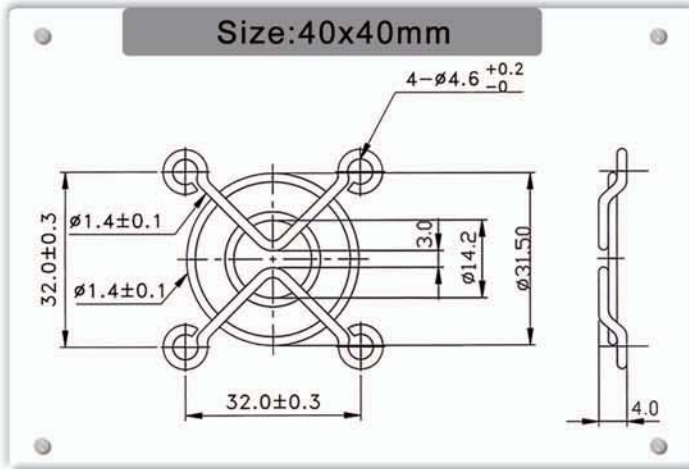
Thermal Module for LED Street Lights

Thermal Module for LED Street Lights

Metal Finger Guard

Welded, Nickel-Chrome Plated Steel

MFG 4cm-9cm, 12cm, 17cm



Plastic Filters

Consist of three parts

- Finger guard
- Filter media
- Filter cover

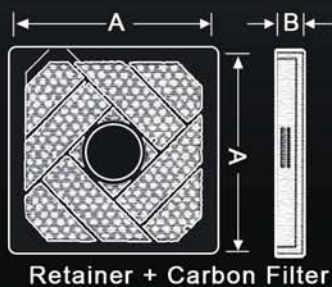
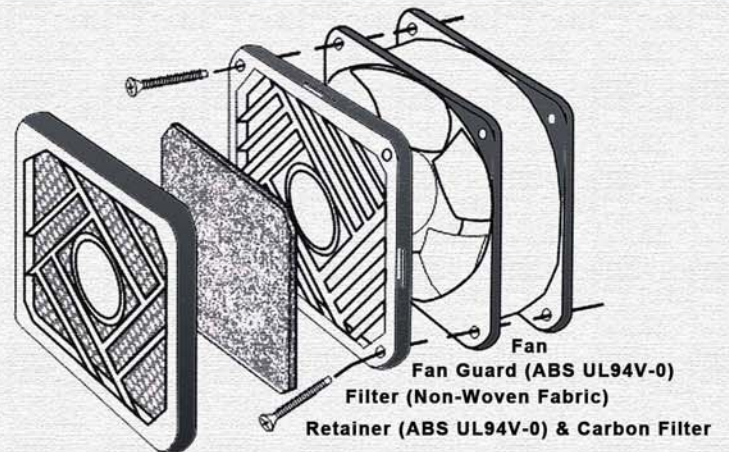
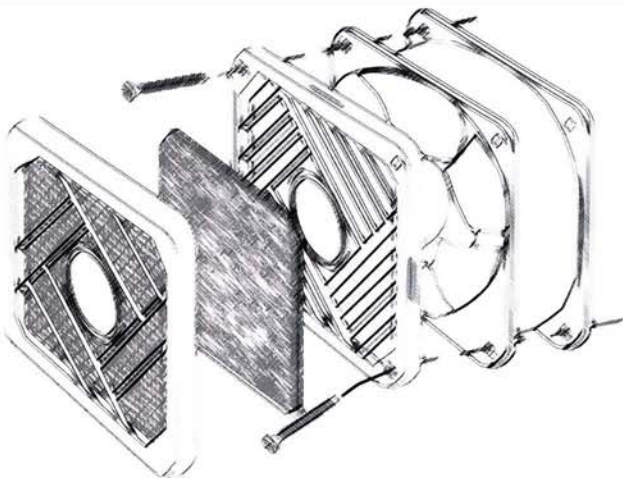


Dimension(unit in m/m)

P/N.	FAN SIZE	Dim.A	Dim.B	Dim.C	Dim.D	Dim.E	Mounting Hole Dia.
GRM-040	40mm	45.1	8.3	32.0	5.0	41.9	φ 3.8
GRM-060	60mm	65.1	9.5	50.0	5.0	61.9	φ 3.8
GRM-080	80mm	85.3	12.3	71.5	6.0	81.0	φ 3.8
GRM-090	92mm	95.8	12.3	82.5	6.0	92.5	φ 3.8
GRM-120	120mm	125.7	12.3	104.8	6.0	121.4	φ 5.1

Plastic material:ABS 94v-0,Flame Retardant.

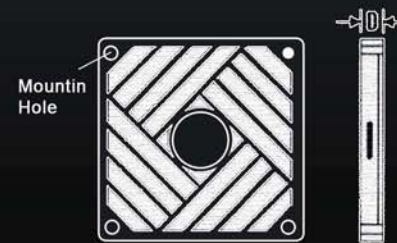
Color:Standard = Black.Other colors can be specified.



Retainer + Carbon Filter



Filter (Density=Low, Medium, or High)



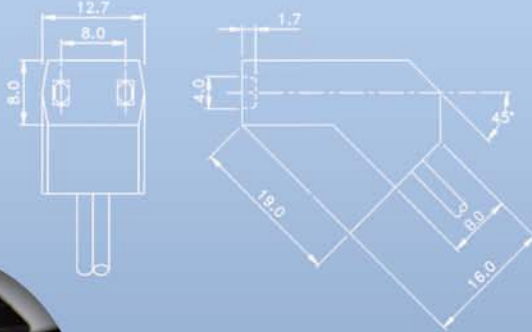
Fan Guard



Plugs & Cables

- Made of UL/CAS approved material
- Four configurations available
- The standard cord lengths.

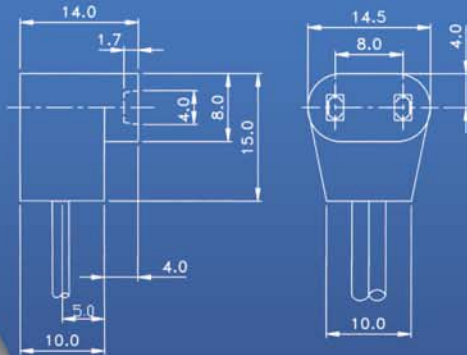
45°



MODEL NO. ACC002
 DESCRIPTION : PIUG = PVC UL 105 °C
 MATERIAL : LEAD WIRE = SPT-1 18 AWG 105°
 FINISH : TERMINAL= JISC5120 PBS
 TOLERANCE LINEAR +/- 50 MM
 ANGULAR +/- 0.5 DEG.

ITEM	SIZE	PART NO.
01	12 inches (304.8 mm)	MEP1549718510
02	24 inches (609.6 mm)	MEP1549718520
03	36 inches (914.4 mm)	MEP1549718530
04	40 inches (1016.0 mm)	MEP1549718540
05	50 inches (1270.0 mm)	MEP1549718550
06	60 inches (1524.0 mm)	MEP1549718560
07	80 inches (2032.0 mm)	MEP1549718570
08	314.961 inches (8000.0 mm)	MEP1549718580

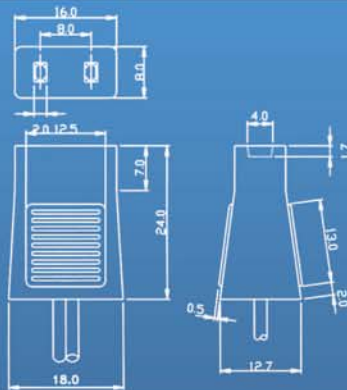
90°



MODEL NO. ACC003
 DESCRIPTION : PIUG = PVC UL 105 °C
 MATERIAL : LEAD WIRE = SPT-1 18 AWG 105°
 FINISH : TERMINAL= JISC5120 PBS
 TOLERANCE LINEAR +/- 20 MM
 ANGULAR +/- 0.5 DEG.

ITEM	SIZE	PART NO.
01	12 inches (304.8 mm)	MEP1549718610
02	24 inches (609.6 mm)	MEP1549718620
03	36 inches (914.4 mm)	MEP1549718630
04	40 inches (1016.0 mm)	MEP1549718640
05	50 inches (1270.0 mm)	MEP1549718650
06	60 inches (1524.0 mm)	MEP1549718660
07	80 inches (2032.0 mm)	MEP1549718670

180°



MODEL NO. ACC001
 DESCRIPTION : PIUG = PVC UL 105 °C
 MATERIAL : LEAD WIRE = SPT-1 18 AWG 105°
 FINISH : TERMINAL= JISC5120 PBS
 TOLERANCE LINEAR +/- 20 MM
 ANGULAR +/- 0.5 DEG.

ITEM	SIZE	PART NO.	AWG#
01	12 inches (304.8 mm)	MEP1549718410	18/105 °C
02	24 inches (609.6 mm)	MEP1549718420	18/105 °C
03	36 inches (914.4 mm)	MEP1549718430	18/105 °C
04	40 inches (1016.0 mm)	MEP1549718440	18/105 °C
05	50 inches (1270.0 mm)	MEP1549718450	18/105 °C
06	60 inches (1524.0 mm)	MEP1549718460	18/105 °C
07	80 inches (2032.0 mm)	MEP1549718470	18/105 °C
08	40 inches (1016.0 mm)	MEP1549718480	18/180 °C
09	314.961 inches (8000.0 mm)	MEP1549718490	18/180 °C

* The measured magnitude of leading wire has included the length of socket pin.



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NEW AA 128 1 M B - A W GL

AA

AA;AK= AC FAN AQ= Waterproof Fan
AR= Round Frame
AY= Rib Fan/no heat sink

128- Frame Size

825=80x80x25mm 838= 80x80x38mm
925=92x92x25mm 125=120x120x25mm
128=120x120x38mm 155=155x55x55mm
165=175=172x150x51mm
172=172x150x51mm 178=176X176X89mm
186=180x180x65mm 207=205x205x72mm
258=258x89mm 288=280x280x89mm

1-Voltage

1= 110~120VAC (115VAC)
2= 220~240VAC (230VAC)

M-Speed

D=Ultra Low H=High L=Low
M=Medium U=Ultra High

B-bearing Type

B=Two Ball S=Sleeve X=Hypro

A-Frame material

A= Aluminum P= Plastic

W- Lead wire type

T= Terminal W= Wires

GL- Fan type

GL=Low Noise
R2=Three Ribs Frame
SC=Shade Pole + CAP.
SP=Shade Pole -3
S2=Shade Pole -2

OLD AX 2589 2 H B - C (AT)

AX

AX= Axial Fan
AXB= Blower Fan
AXE= Motorized Fan

2589- Frame Size

Axial Fan:
1238=120x120x38mm 1555=162x150x55mm
1738=172x150x38mm 1751=172x150x51mm
1759=172x59mm

Blower Fan:
1231=125x126x40mm

Motorized Fan:
1361=133x91mm 1747=175x61mm 1849=180x68mm
1962=190x70mm 962=190x70mm 2263=220x71mm
2290=225x99mm 2584=252x102mm

2-AC Voltage

1=110~120VAC (115VAC)
2=220~240VAC (230VAC)

H-Speed

U= Ultra High H= High
M= Medium L= Low

B-Bearing Type

B=Ball Bearing S=Sleeve Bearing

C-Function

C=Capacitor-Run
CN=Capacitor-Run Induction and
External Plate

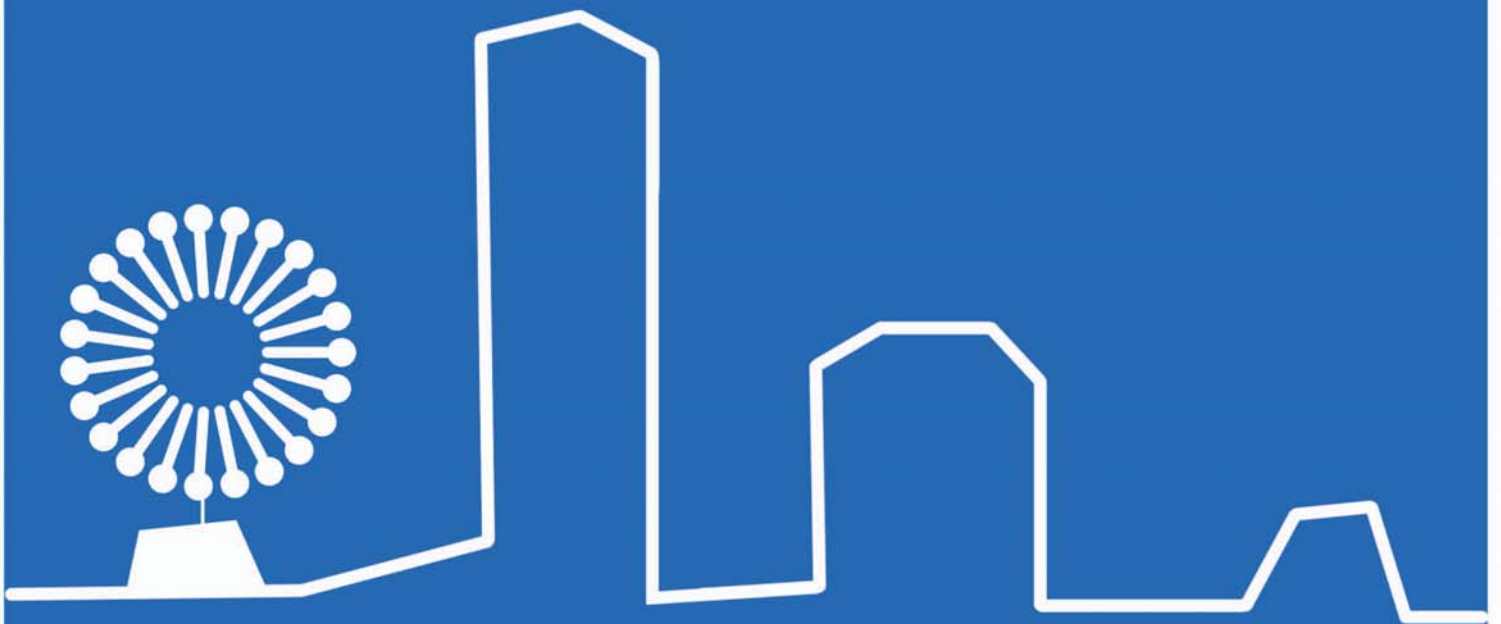
(AT)-Lead Wire Type

T=Terminal W= Wires

AC FAN GENERAL SPECIFICATION



- ELECTRIC STRENGTH : 1000VAC for 1 minute to base on UL507
- INSULATION RESISTANCE : 100M ohm between lead wire and frame (DC 500V)
- LIFE EXPECTANCY (BALL BEARING) : 50,000hrs min at 40 °C/ L10 relative humidity 60% +/- 20%
- LIFE EXPECTANCY (HYPRO BEARING) : 40,000hrs min at 40 °C/ L10 relative humidity 65% +/- 20%
- OPERATION TEMPERATURE : -10 to + 70 °C (+14 to 176 °F)
- STORAGE TEMPERATURE : -40 to + 70 °C (-40 to +167)°F
- PLASTIC MATERIAL : Black PBT (UL 94v-0) with glass fiber
- ALUMINUM MATERIAL : High quality aluminum die-casting frame flatted with black paint
- LEAD WIRE : U1430AWG22



Be  ur FANs!! www.adda.com.tw