

DC fan

Old

New

AD|06|12|H|X - A|7|3|GL

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

AD|040|05|H|B|56|7|3|00

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① AD

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

② 06- Frame Size

15=15mm 20=20mm 02=25mm 03=30mm
35=35mm 04=40mm 45=45mm 50=50mm
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

③ 12-Voltage

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

④ H-Speed

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

⑤ X-Bearing Type

B=Ball bearing S=Sleeve bearing
X=Hypro

⑥ 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 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

⑧ 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
D=PWM+VS E=By Transistor RD(T+RD) F=PWM+RD
G=By Transistor FG+PWM (T+PWM+FG)
H=By Transistor RD+PWM (T+PWM+RD)

⑨ GL-Fan type

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

① AD

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

② 040- Frame Size

1mmx1mm ~ 999mmx999mm

③ 05-Voltage

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

④ 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

⑤ B-Bearing Type

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

⑥ 56-Thickness

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

⑦ 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

⑧ 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
D=PWM+VS E=By Transistor RD(T+RD)
F=PWM+RD G=By Transistor FG+PWM (T+PWM+FG)
H=By Transistor RD+PWM (T+PWM+RD)

⑨ 00-Randomize

DC Fan

- **AD 15mm ~ 172mm** / Thickness : min 04mm ~ max 51mm
- **AS 40mm ~ 140mm** / Thickness : min 28mm ~ max 51mm
- **AG 20mm ~ 127mm** / Thickness : min 10mm ~ max 38mm

Bearing type: ●=Ball ○=Sleeve ●=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	AD01502LX047000(00TX)	●	2.5	0.080	0.200	17000	0.014 0.493	0.067 1.702	18.5	1.9
AD2006	20x20x06	AD2005DX-K70(TX)	●	5	0.05	0.25	7000	0.01 0.30	0.02 0.51	12.0	4
	20x20x06	AD2005LX-K70(TX)	●	5	0.08	0.40	10500	0.01 0.50	0.05 1.27	20.0	4
AD2010	20x20x10	AD2005LB-G70(T)	○●	5	0.06	0.30	9000	0.01 0.50	0.04 1.02	15.0	6
	20x20x10	AD2005MB-G70(T)	○●	5	0.08	0.40	11500	0.02 0.60	0.06 1.52	22.0	6
	20x20x10	AD2012LB-G70(T)	○●	12	0.06	0.72	9000	0.01 0.50	0.04 1.02	15.0	6
	20x20x10	AD2012MB-G70(T)	○●	12	0.07	0.84	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	23.0	4.8
	20x20x10	AG02005MX107100	●	5	0.10	0.50	14000	0.05 1.80	0.26 6.60	26.0	4.8
	20x20x10	AG02005HX107100	●	5	0.15	0.75	16000	0.06 2.10	0.38 9.68	30.0	4.8
AD2506	25x25x06	AD0205DX-K50(TX)	●	5	0.05	0.26	7000	0.04 1.40	0.06 1.52	14.0	5
	25x25x06	AD0205LX-K50(TX)	●	5	0.07	0.35	9000	0.05 1.80	0.11 2.79	21.5	5
	25x25x06	AD0205MX-K50(TX)	●	5	0.12	0.60	12000	0.07 2.40	0.19 4.70	29.0	5
	25x25x06	AD0205HX-K50(TX)	●	5	0.15	0.75	14000	0.07 2.60	0.20 5.08	35.0	5
	25x25x06	AD0212LX-K50(TX)	●	12	0.05	0.60	9000	0.05 1.80	0.11 2.79	21.5	5
	25x25x06	AD0212MX-K50(TX)	●	12	0.06	0.72	12000	0.07 2.40	0.19 4.70	29.0	5
AD2510	25x25x10	AD0205LB-G50(GLT)	○●	5	0.08	0.40	8000	0.05 1.60	0.09 2.29	18.3	8
	25x25x10	AD0205MB-G50(GLT)	○●	5	0.09	0.45	10000	0.06 2.10	0.15 3.81	23.0	8
	25x25x10	AD0212DB-G50(GLT)	○●	12	0.04	0.48	6000	0.03 1.10	0.04 1.02	13.0	8
	25x25x10	AD0212LB-G50(GLT)	○●	12	0.05	0.60	8000	0.05 1.60	0.09 2.29	18.3	8
	25x25x10	AD0212MB-G50(GLT)	○●	12	0.07	0.84	10000	0.06 2.10	0.15 3.81	23.0	8
AD2515	25x25x15	AD0205LB-D50(T)	○	5	0.04	0.20	5000	0.03 1.20	0.04 0.76	14.0	8
	25x25x15	AD0205MB-D50(T)	○	5	0.10	0.50	6000	0.04 1.40	0.05 1.37	17.5	8
	25x25x15	AD0205HB-D50(T)	○	5	0.12	0.60	8000	0.05 1.60	0.10 2.90	20.0	8
	25x25x15	AD0205HB-D51(T)	○	5	0.07	0.35	8000	0.05 1.60	0.10 2.90	20.0	8
AD3006	30x30x06	AD0305DX-K70(TX)	●	5	0.05	0.25	6000	0.06 2.00	0.06 1.52	18.0	6
	30x30x06	AD0305LX-K70(TX)	●	5	0.06	0.30	7500	0.07 2.40	0.08 2.03	22.0	6
	30x30x06	AD0305MX-K70(TX)	●	5	0.08	0.40	9000	0.08 3.00	0.11 2.79	26.5	6
	30x30x06	AD0305HX-K70(TX)	●	5	0.12	0.60	10500	0.10 3.50	0.15 3.81	32.0	6
	30x30x06	AD0312LX-K70(TX)	●	12	0.05	0.60	7500	0.07 2.40	0.08 2.03	22.0	6
	30x30x06	AD0312HX-K70(TX)	●	12	0.08	0.96	10500	0.10 3.50	0.15 3.81	32.0	6
AD3010	30x30x10	AD0305DB-G50(T)	○●	5	0.05	0.25	6000	0.06 2.00	0.06 1.52	19.0	8
	30x30x10	AD0305LB-G50(T)	○●	5	0.07	0.35	8000	0.08 3.00	0.12 2.92	26.0	8
	30x30x10	AD0305MB-G50(T)	○●	5	0.10	0.51	9000	0.09 3.30	0.15 3.76	30.0	8
	30x30x10	AD0305HB-G50(T)	○●	5	0.13	0.65	10500	0.11 4.00	0.20 5.08	34.0	8

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- **AD 15mm ~ 172mm** / Thickness : min 04mm ~ max 51mm
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- **AG 20mm ~ 127mm** / Thickness : min 10mm ~ max 38mm

Bearing type: ☉=Ball ☿=Sleeve ●=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)
AD3010	30x30x10	AD0312DB-G50(T)	☉ ●	12	0.04	0.48	6000	0.06 2.00	0.06 1.52	19.0	8
	30x30x10	AD0312LB-G50(T)	☉ ●	12	0.05	0.60	8000	0.08 3.00	0.12 2.92	26.0	8
	30x30x10	AD0312MB-G50(T)	☉ ●	12	0.06	0.72	9000	0.09 3.30	0.15 3.76	30.0	8
	30x30x10	AD0312HB-G50(T)	☉ ●	12	0.10	1.20	10500	0.11 4.00	0.20 5.08	34.0	8
AG3010	30x30x10	AG03005LX105100	☉ ●	5	0.07	0.35	6500	0.10 3.40	0.09 2.52	18.0	6.5
	30x30x10	AG03005MX105100	☉ ●	5	0.11	0.55	8000	0.12 4.30	0.13 3.30	23.0	6.5
	30x30x10	AG03005HX105100	☉ ●	5	0.13	0.65	9500	0.15 5.40	0.20 5.18	29.0	6.5
	30x30x10	AG03012HX105100	☉ ●	12	0.12	1.44	11000	0.17 5.85	0.24 6.10	32.0	6.5
AD3015	30x30x15	AD0305LB-D50(T)	☉	5	0.05	0.25	4500	0.06 2.40	0.05 1.13	14.0	10
	30x30x15	AD0305MB-D50(T)	☉	5	0.08	0.40	5500	0.07 2.60	0.07 1.50	16.0	10
	30x30x15	AD0305HB-D50(T)	☉	5	0.12	0.60	7000	0.10 3.70	0.11 2.75	22.5	10
AD3506	35x35x06	AD3505LX-K70(TX)	●	5	0.07	0.35	6500	0.10 3.50	0.08 2.03	24.0	7
	35x35x06	AD3505MX-K70(TX)	●	5	0.10	0.50	8000	0.12 4.20	0.10 2.54	33.0	7
	35x35x06	AD3512LX-K70(TX)	●	12	0.06	0.72	6500	0.10 3.50	0.08 2.03	24.0	7
	35x35x06	AD3512MX-K70(TX)	●	12	0.07	0.84	8000	0.12 4.20	0.10 2.54	33.0	7
AD3510	35x35x10	AD3505DB-G50(T)	☉ ●	5	0.04	0.21	4500	0.08 3.00	0.05 1.27	17.0	9
	35x35x10	AD3505LB-G50(T)	☉ ●	5	0.09	0.44	7000	0.14 5.00	0.10 2.54	28.0	9
	35x35x10	AD3505MB-G50(T)	☉ ●	5	0.10	0.50	8000	0.17 6.00	0.17 4.32	32.0	9
	35x35x10	AD3505HB-G50(T)	☉ ●	5	0.15	0.73	9500	0.20 7.20	0.20 5.08	36.0	9
	35x35x10	AD3512LB-G50(T)	☉ ●	12	0.05	0.60	7000	0.14 5.00	0.10 2.54	28.0	9
	35x35x10	AD3512MB-G50(T)	☉ ●	12	0.07	0.84	8000	0.17 6.00	0.17 4.32	32.0	9
	35x35x10	AD3512HB-G50(T)	☉ ●	12	0.11	1.32	9500	0.20 7.20	0.20 5.08	36.0	9
AG3510	35x35x10	AG03512MX105300	●	12	0.07	0.84	7500	0.18 6.30	0.14 3.56	27.0	9
	35x35x10	AG03512HX105300	●	12	0.12	1.42	9500	0.21 7.50	0.22 5.59	35.0	9
AD3828DS	38x38x28	AD3812UB-B5BDS(P)	☉	12	0.18	2.16	10000	0.37 13.20	0.76 19.30	45.5	40
	38x38x28	AD3812XB-B5BDS(P)	☉	12	0.40	4.80	13000	0.50 17.50	1.29 32.77	52.0	40
	38x38x28	AD3812VB-B5BDS(P)	☉	12	0.45	5.40	15000	0.57 20.00	1.68 42.67	54.0	40
AD3828GP	38x38x28	AD3812MB-B51GP(TP)	☉	12	0.11	1.32	7000	0.21 7.50	0.26 6.60	28.5	38
	38x38x28	AD3812HB-B51GP(TP)	☉	12	0.22	2.64	9000	0.28 10.00	0.44 11.10	38.5	38
	38x38x28	AD3812UB-B51GP(TP)	☉	12	0.29	3.48	11000	0.35 12.40	0.66 16.70	41.0	38
AD4006	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



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

Bearing type: ●=Ball ○=Sleeve ●=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)
AD4006	40x40x06	AD0412HX-K90(X)	●	12	0.06	0.72	6600	0.16 5.80	0.09 2.28	31.0	9
	40x40x10	AG04005DB107100	○●	5	0.06	0.30	4000	0.12 4.20	0.06 1.52	15.0	17
	40x40x10	AG04005LB107100	○●	5	0.08	0.40	5000	0.15 5.46	0.09 2.18	23.2	17
	40x40x10	AG04005MB107100	○●	5	0.10	0.50	6000	0.19 6.81	0.12 3.05	26.5	17
	40x40x10	AG04005HB107100	○●	5	0.15	0.75	7000	0.23 8.04	0.16 4.14	31.0	17
	40x40x10	AG04005UB107100	○●	5	0.20	1.00	8000	0.26 9.19	0.19 4.83	35.1	17
	40x40x10	AG04005XB107100	○●	5	0.26	1.30	9000	0.29 10.31	0.23 5.94	37.2	17
AG4010	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 9.19	0.19 4.83	35.1	17
	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
AD4010	40x40x10(T)	AD0405DB-G70(T)	○※●	5	0.05	0.25	3300	0.09 3.30	0.04 1.12	14.0	17
	40x40x10(T)	AD0405LB-G70(T)	○※●	5	0.07	0.35	4200	0.12 4.20	0.06 1.52	21.0	17
	40x40x10(T)	AD0405MB-G70(T)	○※●	5	0.11	0.55	4800	0.14 5.00	0.08 1.98	22.0	17
	40x40x10(T)	AD0405HB-G70(T)	○※●	5	0.16	0.80	6000	0.18 6.20	0.10 2.54	26.0	17
	40x40x10(T)	AD0412DB-G70(T)	○※●	12	0.04	0.48	3300	0.09 3.30	0.04 1.12	14.0	17
	40x40x10(T)	AD0412LB-G70(T)	○※●	12	0.06	0.72	4200	0.12 4.20	0.06 1.52	21.0	17
	40x40x10(T)	AD0412MB-G70(T)	○※●	12	0.06	0.72	4800	0.14 5.00	0.08 1.98	22.0	17
	40x40x10(T)	AD0412HB-G70(T)	○※●	12	0.09	1.08	6000	0.18 6.20	0.10 2.54	26.0	17
	40x40x10(T)	AD0412UB-G70(T)	○※●	12	0.09	1.08	6800	0.20 7.00	0.17 4.32	29.0	17
	40x40x10(T)	AD0424LB-G70(T)	○※●	24	0.03	0.72	4200	0.12 4.20	0.06 1.52	21.0	17
	40x40x10(T)	AD0424MB-G70(T)	○※●	24	0.04	0.96	4800	0.14 5.00	0.08 1.98	22.0	17
	40x40x10(T)	AD0424HB-G70(T)	○※●	24	0.06	1.44	6000	0.18 6.20	0.10 2.54	26.0	17
	40x40x10(T)	AD0424UB-G70(T)	○※●	24	0.08	1.92	6800	0.20 7.00	0.17 4.32	29.0	17
	40x40x15	AD0412LB-D51	○	12	0.07	0.84	6000	0.18 6.47	0.16 4.09	25.8	27
AD4015	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
	40x40x15	AD0412LB-D71GP(P)	○	12	0.12	1.44	7000	0.25 9.00	0.27 6.86	31.5	24
AD4015	40x40x15	AD0412MB-D71GP(P)	○	12	0.16	1.92	8300	0.30 10.60	0.38 9.65	37.0	24
	40x40x15	AD0412HB-D71GP(P)	○	12	0.19	2.28	9500	0.34 12.10	0.51 12.95	40.5	24
	40x40x15	AD0412UB-D71GP(P)	○	12	0.23	2.76	11000	0.30 14.20	0.66 16.76	44.0	24
AG4015	40x40x15	AG04012DB157300	○	12	0.06	0.72	6000	0.22 7.95	0.16 4.14	29.3	21

DC Fan

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- **AS 40mm ~ 140mm** / Thickness : min 28mm ~ max 51mm
- **AG 20mm ~ 127mm** / Thickness : min 10mm ~ max 38mm

Bearing type: ◎=Ball ⦿=Sleeve ●=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)
AG4015	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 13.09	43.5	21
AD4020	40x40x20	AD0405DB-C50(T1)	◎※●	5	0.09	0.45	4200	0.13 4.49	0.08 2.03	17.5	28
	40x40x20	AD0405LB-C50(T1)	◎※●	5	0.14	0.70	6200	0.20 7.00	0.17 4.19	30.0	28
	40x40x20	AD0405MB-C50(T1)	◎※●	5	0.16	0.80	6900	0.22 7.74	0.20 5.08	33.0	28
	40x40x20	AD0405HB-C50(T1)	◎※●	5	0.25	1.25	7800	0.25 8.80	0.28 7.11	36.0	28
	40x40x20	AD0412DB-C50(T1)	◎※●	12	0.04	0.48	4200	0.13 4.49	0.08 2.03	17.5	28
	40x40x20	AD0412LB-C50(T1)	◎※●	12	0.07	0.84	6200	0.20 7.00	0.17 4.19	30.0	28
	40x40x20	AD0412MB-C50(T1)	◎※●	12	0.08	0.96	6900	0.22 7.74	0.20 5.08	33.0	28
	40x40x20	AD0412HB-C50(T1)	◎※●	12	0.10	1.20	7800	0.25 8.80	0.28 7.11	36.0	28
	40x40x20	AD0412UB-C50(T1)	◎※●	12	0.14	1.68	8500	0.27 9.58	0.32 8.13	37.5	28
	40x40x20	AD0424DB-C50(T1)	◎※●	24	0.14	1.68	4200	0.13 4.49	0.08 2.03	17.5	28
	40x40x20	AD0424LB-C50(T1)	◎※●	24	0.05	1.20	6200	0.20 7.00	0.17 4.19	30.0	28
	40x40x20	AD0424MB-C50(T1)	◎※●	24	0.06	1.44	6900	0.22 7.74	0.20 5.08	33.0	28
	40x40x20	AD0424HB-C50(T1)	◎※●	24	0.07	1.68	7800	0.25 8.80	0.28 7.11	36.0	28
	40x40x20	AG04012XB205100	◎	12	0.11	1.32	8500	0.31 11.00	0.28 7.01	35.0	28
	40x40x20	AG04012VB205100	◎	12	0.22	2.64	10000	0.43 15.10	0.45 11.43	39.4	28
AD4020GP	40x40x20	AD0412LB-C73GP(P)	◎	12	0.08	0.96	5000	0.18 6.40	0.15 3.81	19.0	28
	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
	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	0.96	6000	0.22 7.70	0.17 4.32	32.0	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
	40x40x28	AD0424HB-B31	◎	24	0.08	1.92	8100	0.31 10.80	0.27 6.96	36.2	38
AS4028	40x40x28	AS04012DB2856A0(00LAP)	◎	12	0.15	1.80	10000	0.31 10.95	0.69 17.63	40.3	41
	40x40x28	AS04012LB2856A0(00LAP)	◎	12	0.16	1.92	11000	0.34 12.08	0.85 21.64	43.9	41
	40x40x28	AS04012MB2856A0(00LAP)	◎	12	0.20	2.40	12000	0.38 13.41	1.00 25.45	46.3	41
	40x40x28	AS04012HB2856A0(00LAP)	◎	12	0.26	3.12	13000	0.42 14.77	1.16 29.49	48.5	41



40x40x56



120x120x38



60x60x25



140x140x51

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

Bearing type: =Ball =Sleeve =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)
AS4028	40x40x28	AS04012HB285BA0(00LAP)		12	0.45	5.40	16500	0.54 18.92	1.82 46.21	53.8	41
	40x40x28	AS04012UB285BA0(00LAP)		12	0.52	6.24	18000	0.60 21.00	2.09 53.15	56.7	41
	40x40x28	AD04012DB285300(00LAP)		12	0.13	1.56	8000	0.25 8.75	0.43 10.94	27.4	57
	40x40x28	AD04012LB285300(00LAP)		12	0.21	2.52	11000	0.36 12.63	0.72 18.40	36.8	57
AD4028	40x40x28	AD04012MB285300(00LAP)		12	0.32	3.84	14000	0.45 15.89	1.24 31.50	46.6	57
	40x40x28	AD04012HB285300(00LAP)		12	0.50	6.00	16500	0.54 19.23	1.71 43.50	48.8	57
	40x40x28	AD04012UB285300(00LAP)		12	0.60	7.20	18000	0.59 20.72	1.95 49.80	50.8	57
	40x40x28	AD0412HB-B5BDS(HFP)		12	0.30	3.60	11000	0.51 18.10	0.87 22.45	48.0	42
AD4028DS(HFP)	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	0.60	7.20	15000	0.72 25.20	1.60 40.64	56.0	42
	40x40x28	AD0412VB-B5BDS(HFP)		12	0.73	8.76	16000	0.76 27.00	1.85 46.99	58.0	42
	40x40x28	AD0412MB-B53GP(P)		12	0.16	1.92	8000	0.31 11.00	0.34 8.64	37.0	40
AD4028GP	40x40x28	AD0412HB-B53GP(P)		12	0.25	3.00	9000	0.37 13.00	0.42 10.67	41.5	40
	40x40x28	AD0412UB-B53GP(P)		12	0.35	4.20	11000	0.45 16.00	0.64 16.26	45.0	40
	40x40x28	AD0412XB-B53GP(P)		12	0.55	6.60	13000	0.54 19.00	0.86 20.35	50.0	40
	40x40x28	AD0412VB-B53GP(P)		12	0.80	9.60	15000	0.59 21.00	1.14 28.96	53.0	40
AD4048DS	40x40x48	AD0412UB-N5BDS(48P)		12	0.85	10.20	In:12800/ Out:10200	0.71 25.20	1.20 30.48	59.0	74
	40x40x48	AD0412XB-N5BDS(48P)		12	1.00	12.00	In:14000/ Out:11000	0.76 27.00	1.41 35.81	60.5	74
AS4056	40x40x56	AS04012LB565BA1		12	0.70	8.40	In:17000/ Out:18000	0.67 23.68	2.23 56.59	62.4	103
	40x40x56	AS04012MB565BA1		12	0.80	9.60	In:18000/ Out:19000	0.71 25.26	2.48 63.05	65.1	103
	40x40x56	AS04012HB565BA1		12	0.90	10.80	In:19000/ Out:20000	0.76 26.86	2.75 69.75	65.5	103
	40x40x56	AS04012UB565BA1		12	1.00	12.00	In:20000/ Out:21000	0.81 28.52	3.01 76.34	66.5	103
AS4056	40x40x56	AS04012LB565BA2		12	1.03	12.36	In:16500/ Out:21000	0.81 28.80	2.68 67.95	71.0	103
	40x40x56	AS04012MB565BA2		12	1.16	13.92	In:17500/ Out:22000	0.87 30.87	2.97 75.53	71.7	103
	40x40x56	AS04012HB565BA2		12	1.32	15.84	In:18500/ Out:23000	0.92 32.67	3.40 86.44	72.5	103

DC Fan

- **AD 15mm ~ 172mm** / Thickness : min 04mm ~ max 51mm
- **AS 40mm ~ 140mm** / Thickness : min 28mm ~ max 51mm
- **AG 20mm ~ 127mm** / Thickness : min 10mm ~ max 38mm

Bearing type: ◎=Ball ⦿=Sleeve ●=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)
AS4056	40x40x56	AS04012UB565BA2	◎	12	1.60	19.20	In:19500/ Out:24000	0.96 34.05	3.72 94.60	73.5	103
	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
	40x40x56	AS04012UB565B01	◎	12	1.30	15.60	in:17000/ out:16000	0.90 31.70	2.49 63.18	66.1	103
AD4506	40x40x56	AS04012XB565B00	◎	12	1.00	12.00	in:16000/ out:8000	0.78 27.50	2.00 50.00	60.5	84
	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
	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
AD5010(8)	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
	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
AD5010	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



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

Bearing type: ●=Ball ○=Sleeve ●=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)
AD5010	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
	50x50x10	AD0512UB-G70(T)	◎※●	12	0.10	1.20	5600	0.34	12.00	0.12	3.15	32.0	18
	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
AD5015	50x50x15	AD5005LB-D70(T1)	◎※●	5	0.13	0.65	3600	0.31	11.00	0.07	1.78	25.0	27
	50x50x15	AD5005MB-D70(T1)	◎※●	5	0.19	0.95	4300	0.37	13.00	0.10	2.54	30.0	27
	50x50x15	AD5005HB-D71	◎※●	5	0.21	1.05	4800	0.40	14.30	0.13	3.30	34.0	27
	50x50x15	AD5012LB-D70(T1)	◎※●	12	0.07	0.84	3600	0.31	11.00	0.07	1.78	25.0	27
	50x50x15	AD5012MB-D70(T1)	◎※●	12	0.08	0.96	4300	0.37	13.00	0.10	2.54	30.0	27
	50x50x15	AD5012HB-D70(T1)	◎※●	12	0.11	1.32	4800	0.40	14.30	0.13	3.30	34.0	27
	50x50x15	AD5012UB-D70(T1)	◎※●	12	0.14	1.68	5500	0.47	16.50	0.18	4.57	37.5	27
	50x50x15	AD5024LB-D71	◎※●	24	0.04	0.96	3600	0.31	11.00	0.07	1.78	25.0	27
	50x50x15	AD5024MB-D71	◎※●	24	0.05	1.20	4300	0.37	13.00	0.10	2.54	30.0	27
	50x50x15	AD5024HB-D71	◎※●	24	0.06	1.44	4800	0.40	14.30	0.13	3.30	34.0	27
	50x50x15	AD5024UB-D71	◎※●	24	0.08	1.90	5500	0.47	16.50	0.18	4.57	37.5	27
	50x50x15	AD5024XB-D71	◎※●	24	0.10	2.40	6300	0.53	18.90	0.20	5.08	39.1	27
	50x50x15	AD5024VB-D71	◎※●	24	0.12	2.88	7000	0.63	22.30	0.27	6.81	42.3	27
AG5020	50x50x20	AG05012LB205100	◎●	12	0.06	0.72	4300	0.32	11.18	0.13	3.32	25.7	39
	50x50x20	AG05012MB205100	◎●	12	0.08	0.96	4800	0.35	12.54	0.16	4.07	28.0	39
	50x50x20	AG05012HB205100	◎●	12	0.09	1.08	5500	0.41	14.63	0.21	5.42	31.8	39
	50x50x20	AG05012UB205100	◎●	12	0.12	1.44	6500	0.49	17.26	0.29	7.48	35.6	39
	50x50x20	AG05012XB205100	◎●	12	0.15	1.80	7300	0.55	19.34	0.36	9.27	38.6	39
AD5020-7	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
	50x50x20	AD5024UB-C71	◎※●	24	0.15	3.60	6000	0.57	20.00	0.21	5.33	38.4	32
AD5020 -5	50x50x20	AD5012UB-C50(T)	◎●	12	0.19	2.22	6300	0.49	17.40	0.26	6.50	37.5	43

DC Fan

- **AD 15mm ~ 172mm** / Thickness : min 04mm ~ max 51mm
- **AS 40mm ~ 140mm** / Thickness : min 28mm ~ max 51mm
- **AG 20mm ~ 127mm** / Thickness : min 10mm ~ max 38mm

Bearing type: ●=Ball ⦿=Sleeve ●=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	AD0605LB-GA0(GLT1)	⦿※●	5	0.17	0.85	3400	0.41 14.50	0.09 2.39	26.0	30
	60x60x10	AD0605MB-GA0(GLT1)	⦿※●	5	0.33	1.65	4000	0.52 18.49	0.11 2.67	32.8	30
	60x60x10	AD0612LB-GA0(GLT1)	⦿※●	12	0.08	0.96	3400	0.41 14.50	0.09 2.39	26.0	30
	60x60x10	AD0612MB-GA0(GLT1)	⦿※●	12	0.15	1.80	4000	0.52 18.49	0.11 2.67	32.8	30
	60x60x10	AD0612HB-GA0(GLT1)	⦿※●	12	0.25	3.00	4600	0.60 21.37	0.14 3.61	35.8	30
	60x60x10	AD0624LB-GA0(GLT1)	⦿※●	24	0.04	0.96	3400	0.41 14.50	0.09 2.39	26.0	30
	60x60x10	AD0624MB-GA0(GLT1)	⦿※●	24	0.10	2.40	4000	0.52 18.49	0.11 2.67	32.8	30
	60x60x10	AD0624HB-GA0(GLT1)	⦿※●	24	0.18	4.32	4600	0.60 21.37	0.14 3.61	35.8	30
AD6010(T)-7	60x60x10	AD0605DB-G70(T)	⦿※●	5	0.05	0.25	2800	0.24 8.39	0.05 1.19	16.1	23
	60x60x10	AD0605LB-G70(T)	⦿※●	5	0.09	0.45	3500	0.30 10.64	0.07 1.83	22.9	23
	60x60x10	AD0605MB-G70(T)	⦿※●	5	0.12	0.60	4200	0.34 12.00	0.09 2.29	28.0	23
	60x60x10	AD0605HB-G70(T)	⦿※●	5	0.22	1.10	4900	0.42 14.82	0.12 3.00	35.0	23
	60x60x10	AD0612DB-G70(T)	⦿※●	12	0.04	0.48	2800	0.24 8.39	0.05 1.19	16.1	23
	60x60x10	AD0612LB-G70(T)	⦿※●	12	0.09	1.08	3500	0.30 10.64	0.07 1.83	22.9	23
	60x60x10	AD0612MB-G70(T)	⦿※●	12	0.11	1.32	4200	0.34 12.00	0.09 2.29	28.0	23
	60x60x10	AD0612HB-G70(T)	⦿※●	12	0.12	1.44	4900	0.42 14.82	0.12 3.00	35.0	23
	60x60x10	AD0624LB-G70(T)	⦿※●	24	0.03	0.72	3500	0.30 10.64	0.07 1.83	22.9	23
	60x60x10	AD0624MB-G70(T)	⦿※●	24	0.06	1.44	4200	0.34 12.00	0.09 2.29	28.0	23
AD6010-7	60x60x10	AD0624HB-G70(T)	⦿※●	24	0.07	1.68	4900	0.42 14.82	0.12 3.00	35.0	23
	60x60x10	AD0612DB-G71	⦿※●	12	0.03	0.36	2800	0.24 8.39	0.05 1.19	16.1	23
	60x60x10	AD0612LB-G71	⦿※●	12	0.04	0.48	3500	0.30 10.64	0.07 1.83	22.9	23
	60x60x10	AD0612MB-G71	⦿※●	12	0.05	0.60	4200	0.34 12.00	0.09 2.29	28.0	23
	60x60x10	AD0612HB-G71	⦿※●	12	0.06	0.72	4900	0.42 14.82	0.12 3.00	35.0	23
AG6015	60x60x15	AG06005DB159100	⦿※●	5	0.10	0.05	3000	0.37 13.13	0.08 1.93	21.0	39
	60x60x15	AG06005LB159100	⦿※●	5	0.13	0.65	3500	0.42 14.82	0.10 2.54	25.3	39
	60x60x15	AG06005MB159100	⦿※●	5	0.19	0.95	4000	0.49 17.25	0.13 3.38	28.7	39
	60x60x15	AG06005HB159100	⦿※●	5	0.28	1.40	4500	0.58 20.39	0.16 4.14	32.1	39
	60x60x15	AG06012DB159100	⦿※●	12	0.04	0.48	3000	0.37 13.13	0.08 1.93	21.0	39
	60x60x15	AG06012LB159100	⦿※●	12	0.06	0.72	3500	0.42 14.82	0.10 2.54	25.3	39
	60x60x15	AG06012MB159100	⦿※●	12	0.08	0.96	4000	0.49 17.25	0.13 3.38	28.7	39
	60x60x15	AG06012HB159100	⦿※●	12	0.10	1.20	4500	0.58 20.39	0.16 4.14	32.1	39
	60x60x15	AG06012UB159100	⦿※●	12	0.14	1.68	5000	0.61 21.47	0.20 5.13	35.8	39
	60x60x15	AG06012XB159100	⦿※●	12	0.26	3.12	6000	0.76 27.01	0.29 7.26	40.7	39
	60x60x15	AG06024DB159100	⦿※●	24	0.04	0.96	3000	0.37 13.13	0.08 1.93	21.0	39
	60x60x15	AG06024LB159100	⦿※●	24	0.05	1.20	3500	0.42 14.82	0.10 2.54	25.3	39



40x40x56



120x120x38



60x60x25



140x140x51

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

Bearing type: ●=Ball ○=Sleeve ●=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)
AG6015	60x60x15	AG06024MB159100	◎※●	24	0.07	1.68	4000	0.49	17.25	0.13	3.38	28.7	39
	60x60x15	AG06024HB159100	◎※●	24	0.08	1.92	4500	0.58	20.39	0.16	4.14	32.1	39
	60x60x15	AG06024UB159100	◎※●	24	0.10	2.40	5000	0.61	21.47	0.20	5.13	35.8	39
AD6015(T)-7	60x60x15	AD0605LB-D70GL(T)	◎※●	5	0.10	0.50	3500	0.35	12.33	0.08	2.06	24.8	38
	60x60x15	AD0605MB-D70GL(T)	◎※●	5	0.18	0.90	3900	0.41	14.32	0.12	3.10	28.8	38
	60x60x15	AD0605HB-D70GL(T)	◎※●	5	0.19	0.95	4500	0.45	15.82	0.15	3.71	33.4	38
	60x60x15	AD0612DB-D70GL(T)	◎※●	12	0.06	0.72	3100	0.31	10.80	0.06	1.63	21.3	38
	60x60x15	AD0612LB-D70GL(T)	◎※●	12	0.07	0.84	3500	0.35	12.33	0.08	2.06	24.8	38
	60x60x15	AD0612MB-D70GL(T)	◎※●	12	0.08	0.96	3900	0.41	14.32	0.12	3.10	28.8	38
	60x60x15	AD0612HB-D70GL(T)	◎※●	12	0.09	1.08	4500	0.45	15.82	0.15	3.71	33.4	38
	60x60x15	AD0612UB-D70GL(T)	◎※●	12	0.12	1.44	5100	0.52	18.36	0.17	2.29	38.6	38
	60x60x15	AD0624LB-D70GL(T)	◎※●	24	0.03	0.72	3500	0.35	12.33	0.08	2.06	24.8	38
	60x60x15	AD0624MB-D70GL(T)	◎※●	24	0.04	0.96	3900	0.41	14.32	0.12	3.10	28.8	38
	60x60x15	AD0624HB-D70GL(T)	◎※●	24	0.05	1.20	4500	0.45	15.82	0.15	3.71	33.4	38
	60x60x15	AD0624UB-D70GL(T)	◎※●	24	0.06	1.44	5100	0.52	18.36	0.17	4.29	38.6	38
AD6015(T)-9	60x60x15	AD0605DB-D90(T)	◎※●	5	0.09	0.45	3100	0.43	15.05	0.07	1.65	22.8	38
	60x60x15	AD0605LB-D90(T)	◎※●	5	0.17	0.85	3500	0.48	17.03	0.08	2.01	25.8	38
	60x60x15	AD0605MB-D90(T)	◎※●	5	0.20	1.00	3900	0.53	18.88	0.10	2.62	29.7	38
	60x60x15	AD0605HB-D90(T)	◎※●	5	0.23	1.15	4500	0.64	22.67	0.14	3.63	32.7	38
	60x60x15	AD0612DB-D90(T)	◎※●	12	0.06	0.72	3100	0.43	15.05	0.07	1.65	22.8	38
	60x60x15	AD0612LB-D90(T)	◎※●	12	0.08	0.96	3500	0.48	17.03	0.08	2.01	25.8	38
	60x60x15	AD0612MB-D90(T)	◎※●	12	0.13	1.56	3900	0.53	18.88	0.10	2.62	29.7	38
	60x60x15	AD0612HB-D90(T)	◎※●	12	0.17	2.04	4500	0.64	22.67	0.14	3.63	32.7	38
	60x60x15	AD0624LB-D90(T)	◎※●	24	0.04	0.96	3500	0.48	17.03	0.08	2.01	25.8	38
	60x60x15	AD0624MB-D90(T)	◎※●	24	0.06	1.44	3900	0.53	18.88	0.10	2.62	29.7	38
	60x60x15	AD0624HB-D90(T)	◎※●	24	0.08	1.92	4500	0.64	22.67	0.14	3.63	32.7	38
AG6020	60x60x20	AG06012DB207300	◎●	12	0.16	1.92	4000	0.56	19.75	0.17	4.32	31.8	56
	60x60x20	AG06012LB207300	◎●	12	0.18	2.16	4500	0.61	21.42	0.20	5.16	33.1	56
	60x60x20	AG06012MB207300	◎●	12	0.20	2.40	5000	0.71	25.00	0.26	6.60	38.6	56
	60x60x20	AG06012HB207300	◎●	12	0.23	2.76	5500	0.82	29.14	0.32	8.21	40.8	56
	60x60x20	AG06012UB207300	◎●	12	0.28	3.36	6000	0.86	30.50	0.37	9.42	43.5	56
	60x60x20	AG06024DB207300	◎●	24	0.10	2.40	4000	0.56	19.75	0.17	4.32	31.8	56
	60x60x20	AG06024LB207300	◎●	24	0.12	2.88	4500	0.64	22.74	0.21	5.42	35.4	56
	60x60x20	AG06024MB207300	◎●	24	0.14	3.36	5000	0.70	24.60	0.26	6.64	38.6	56
	60x60x20	AG06024HB207300	◎●	24	0.16	3.84	5500	0.82	29.14	0.32	8.21	40.8	56

DC Fan

- **AD 15mm ~ 172mm** / Thickness : min 04mm ~ max 51mm
- **AS 40mm ~ 140mm** / Thickness : min 28mm ~ max 51mm
- **AG 20mm ~ 127mm** / Thickness : min 10mm ~ max 38mm

Bearing type: ◎=Ball ⦿=Sleeve ●=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	AG06024UB207300	◎ ●	24	0.19	4.56	6000	0.85 30.82	0.34 8.64	41.3	56
	60x60x20	AG06012DX207600	◎ ●	12	0.16	1.92	4000	0.56 19.73	0.16 4.17	33.1	56
	60x60x20	AG06012LX207600	◎ ●	12	0.18	2.16	4500	0.64 22.74	0.21 5.42	35.4	56
AG6020	60x60x20	AG06012MX207600	◎ ●	12	0.22	2.64	5000	0.72 25.32	0.26 6.64	38.6	56
	60x60x20	AG06012HX207600	◎ ●	12	0.26	3.12	5500	0.82 29.14	0.32 8.21	40.8	56
	60x60x20	AG06012UX207600	◎ ●	12	0.32	3.84	6000	0.87 30.82	0.37 9.42	43.2	56
AD6020	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	AD0605UB-C71GL	◎※●	5	0.23	1.15	5100	0.54 19.01	0.21 5.36	34.1	49
	60x60x20	AD0612DB-C71GL	◎※●	12	0.04	0.48	3000	0.31 10.94	0.08 1.93	18.4	49
	60x60x20	AD0612LB-C71GL	◎※●	12	0.05	0.60	3500	0.37 13.00	0.10 2.57	23.6	49
	60x60x20	AD0612MB-C71GL	◎※●	12	0.06	0.72	3900	0.42 14.75	0.13 3.20	25.2	49
	60x60x20	AD0612HB-C71GL	◎※●	12	0.08	0.96	4500	0.50 17.66	0.17 4.29	30.2	49
	60x60x20	AD0612UB-C71GL	◎※●	12	0.09	1.08	5100	0.54 19.01	0.21 5.36	34.1	49
	60x60x20	AD0612XB-C71GL	◎※●	12	0.13	1.56	6100	0.67 23.58	0.30 7.52	38.0	49
	60x60x20	AD0624LB-C71GL	◎※●	24	0.04	0.96	3500	0.37 13.00	0.10 2.57	23.6	49
	60x60x20	AD0624MB-C71GL	◎※●	24	0.05	1.20	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
	60x60x20	AD0624UB-C71GL	◎※●	24	0.07	1.68	5100	0.54 19.01	0.21 5.36	34.1	49
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	AD0624LB-C70GL(T)	◎※●	24	0.04	0.96	3500	0.35 12.50	0.08 2.08	23.5	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	1.20	4500	0.46 16.31	0.13 3.40	31.0	49
AD6025	60x60x25	AD06012DB257100	◎※●	12	0.03	0.36	2000	0.28 9.98	0.05 1.24	12.4	53



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

Bearing type: ●=Ball ◉=Sleeve ●=Hypro Bearing

	Frame size (mm)	Model No.	Bearing Type	Rated Voltage (VDC)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM)	Maximum AirFlow (CFM)	Maximum Pressure (InAq)	Maximum Pressure (mmAq)	*Noise Level (dB/A)	Weight (g)
AD6025	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	0.12	1.44	4500	0.66	23.34	0.23	5.92	33.8	53
	60x60x25	AD06012UB257100	◉※●	12	0.17	2.04	5000	0.74	25.97	0.28	7.19	37.1	53
	60x60x25	AD06012XB257100	◉※●	12	0.26	3.12	6000	0.89	31.38	0.37	9.30	42.8	53
	60x60x25	AD06012VB257100	◉	12	0.33	3.96	6600	0.98	34.70	0.44	11.13	46.8	53
	60x60x25	AD06024LB257100	◉※●	24	0.04	0.96	2500	0.36	12.71	0.08	1.93	15.9	53
	60x60x25	AD06024MB257100	◉※●	24	0.05	1.20	3500	0.49	17.34	0.13	3.33	26.9	53
	60x60x25	AD06024HB257100	◉※●	24	0.08	1.92	4500	0.66	23.34	0.23	5.92	33.8	53
	60x60x25	AD06024UB257100	◉※●	24	0.10	2.40	5000	0.74	25.97	0.28	7.19	37.1	53
	60x60x25	AD06024XB257100	◉※●	24	0.14	3.36	6000	0.89	31.38	0.37	9.30	42.8	53
	60x60x25	AD06024VB257100	◉	24	0.20	4.80	6600	0.98	34.70	0.44	11.13	46.8	53
AD6025-3PHASES	60x60x25	AD06012HB257BZ0	◉※●	12	0.13	1.56	4500	0.65	22.85	0.21	5.36	35.5	57
	60x60x25	AD06012UB257BZ0	◉※●	12	0.16	1.92	5000	0.72	25.30	0.25	6.40	39.2	57
	60x60x25	AD06012XB257BZ0	◉※●	12	0.24	2.88	6000	0.86	30.55	0.37	9.45	43.4	57
AD6025GP	60x60x25	AD0612HB-A71GP(P)	◉	12	0.11	1.32	4500	0.61	21.60	0.24	5.97	35.3	77
	60x60x25	AD0612UB-A71GP(P)	◉	12	0.22	2.64	5500	0.75	26.57	0.35	8.81	41.4	77
	60x60x25	AD0612XB-A71GP(P)	◉	12	0.28	3.60	6500	0.90	31.77	0.49	12.42	44.3	77
	60x60x25	AD0612VB-A71GP(P)	◉	12	0.38	4.56	7500	1.06	37.31	0.69	17.48	50.0	77
	60x60x25	AD0612EB-A71GP(PCU)	◉	12	0.60	7.20	9000	1.26	44.40	0.95	24.00	52.5	77
	60x60x25	AD0624HB-A71GP(P)	◉	24	0.08	1.92	4500	0.61	21.60	0.24	5.97	35.3	77
	60x60x25	AD0624UB-A71GP(P)	◉	24	0.11	2.64	5500	0.75	26.57	0.35	8.81	41.4	77
	60x60x25	AD0624XB-A71GP(P)	◉	24	0.14	3.36	6500	0.90	31.77	0.49	12.42	44.3	77
	60x60x25	AD0624VB-A71GP(P)	◉	24	0.20	4.80	7500	1.06	37.31	0.69	17.48	50.0	77
	60x60x25	AD0624EB-A71GP(PCU)	◉	24	0.28	6.72	9000	1.26	44.40	0.95	24.00	52.5	77
	60x60x25	AD0648HB-A71GP(P)	◉	48	0.04	1.92	4500	0.61	21.60	0.24	5.97	35.3	77
	60x60x25	AD0648UB-A71GP(P)	◉	48	0.06	2.88	5500	0.75	26.57	0.35	8.81	41.4	77
	60x60x25	AD0648XB-A71GP(P)	◉	48	0.07	3.36	6500	0.90	31.77	0.49	12.42	44.3	77
	60x60x25	AD0648VB-A71GP(P)	◉	48	0.09	4.32	7500	1.06	37.31	0.69	17.48	50.0	77
AD6025(T)	60x60x25	AD06005LB257000	◉※●	5	0.07	0.35	2500	0.36	12.71	0.08	1.93	15.9	53
	60x60x25	AD06005MB257000	◉※●	5	0.14	0.70	3500	0.49	17.34	0.13	3.33	26.9	53
	60x60x25	AD06005HB257000	◉※●	5	0.28	1.40	4500	0.66	23.34	0.23	5.92	33.8	53
	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	0.06	0.72	3500	0.49	17.34	0.13	3.33	26.9	53

DC Fan

- **AD 15mm ~ 172mm** / Thickness : min 04mm ~ max 51mm
- **AS 40mm ~ 140mm** / Thickness : min 28mm ~ max 51mm
- **AG 20mm ~ 127mm** / Thickness : min 10mm ~ max 38mm

Bearing type: ☉=Ball ☉=Sleeve ●=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(T)	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	0.74 25.97	0.28 7.19	37.1	53
	60x60x25	AD06024MB257000	☉※●	24	0.03	0.72	3500	0.49 17.34	0.13 3.33	26.9	53
	60x60x25	AD06024HB257000	☉※●	24	0.06	1.44	4500	0.66 23.34	0.23 5.92	33.8	53
	60x60x25	AD06024UB257000	☉※●	24	0.08	1.92	5000	0.74 25.97	0.28 7.19	37.1	53
	60x60x25	AD06024XB257000	☉※●	24	0.14	3.36	6000	0.89 31.38	0.37 9.30	42.8	53
AS6038	60x60x38	AS06012HB387100	☉	12	1.45	17.40	13000	1.93 68.37	1.95 49.63	61.4	125
	60x60x38	AS06012UB387100	☉	12	2.10	25.20	14500	2.16 76.18	2.42 61.34	64.1	125
	60x60x38	AS06012XB387100	☉	12	2.70	32.40	16000	2.42 85.54	2.95 74.93	66.7	125
	60x60x38	AS06024HB387100	☉	24	0.73	17.52	13000	1.93 68.37	1.95 49.63	61.4	125
	60x60x38	AS06024UB387100	☉	24	0.92	22.08	14500	2.16 76.18	2.42 61.34	64.1	125
	60x60x38	AS06024XB387100	☉	24	1.25	30.00	16000	2.42 85.54	2.95 74.93	66.7	125
	60x60x38	AS06048HB387100	☉	48	0.36	17.28	13000	1.93 68.37	1.95 49.63	61.4	125
	60x60x38	AS06048UB387100	☉	48	0.47	22.56	14500	2.16 76.18	2.42 61.34	64.1	125
	60x60x38	AS06048XB387100	☉	48	0.63	30.24	16000	2.42 85.54	2.95 74.93	66.7	125
AS6038	60x60x38	AS06012LB385BB0	☉	12	0.45	5.40	10000	1.06 37.40	1.20 30.40	50.4	143
	60x60x38	AS06012MB385BB0	☉	12	0.70	8.40	12500	1.32 46.50	1.79 45.70	56.1	143
	60x60x38	AS06012HB385BB0	☉	12	1.13	13.50	15000	1.61 56.70	2.51 63.80	60.9	143
	60x60x38	AS06012UB385BB0	☉	12	1.70	20.40	17500	1.86 65.60	3.19 80.90	65.3	143
AD6038DS	60x60x38	AD0612MB-F73DS	☉	12	0.28	3.36	6000	1.03 36.56	0.56 14.27	49.8	109
	60x60x38	AD0612HB-F73DS	☉	12	0.64	7.68	8000	1.37 48.37	0.98 24.99	58.0	109
	60x60x38	AD0612UB-F73DS	☉	12	1.40	16.80	10000	1.73 61.00	1.20 30.48	63.6	109
	60x60x38	AD0624MB-F73DS	☉	24	0.16	3.84	6000	1.03 36.56	0.56 14.27	49.8	109
	60x60x38	AD0624HB-F73DS	☉	24	0.34	8.16	8000	1.37 48.37	0.98 24.99	58.0	109
	60x60x38	AD0624UB-F73DS	☉	24	0.70	16.80	10000	1.73 61.00	1.20 30.48	63.6	109
	60x60x38	AD0648MB-F73DS	☉	48	0.09	4.32	6000	1.03 36.56	0.56 14.27	49.8	109
	60x60x38	AD0648HB-F73DS	☉	48	0.20	9.60	8000	1.37 48.37	0.98 24.99	58.0	109
	60x60x38	AD0648UB-F73DS	☉	48	0.38	18.24	10000	1.73 61.00	1.20 30.48	63.6	109
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-DA1	☉※●	12	0.07	0.84	2500	0.53 18.83	0.07 1.85	28.7	54
	70x70x15	AD0712LB-DA1	☉※●	12	0.08	0.96	3000	0.61 21.50	0.09 2.34	32.7	54
	70x70x15	AD0712MB-DA1	☉※●	12	0.12	1.44	3500	0.72 25.10	0.12 3.10	35.3	54



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

Bearing type: ●=Ball ○=Sleeve ●=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)
AD7015-11	70x70x15	AD0712HB-DA1	◎※●	12	0.18	2.16	4000	0.84	29.30	0.18	4.45	39.0	54
	70x70x15	AD0712UB-DA1	◎※●	12	0.28	3.36	4500	0.98	34.80	0.20	4.91	43.4	54
AD7015-7	70x70x15	AD0712DB-D71	◎※●	12	0.06	0.72	2500	0.55	19.34	0.07	1.78	25.6	54
	70x70x15	AD0712LB-D71	◎※●	12	0.08	0.96	3000	0.66	23.41	0.10	2.49	30.2	54
	70x70x15	AD0712MB-D71	◎※●	12	0.10	1.22	3500	0.81	28.61	0.15	3.71	36.9	54
	70x70x15	AD0712HB-D71	◎※●	12	0.15	1.76	4000	0.91	32.17	0.17	4.24	40.3	54
	70x70x15	AD0712UB-D71	◎※●	12	0.22	2.64	4500	1.01	35.80	0.23	5.79	41.9	54
	70x70x15	AD0712DB-D91	◎※●	12	0.05	0.60	2500	0.48	17.60	0.07	1.78	23.8	50
AD7015-9	70x70x15	AD0712LB-D91	◎※●	12	0.06	0.72	3000	0.59	21.40	0.10	2.49	27.6	50
	70x70x15	AD0712MB-D91	◎※●	12	0.11	1.32	3700	0.74	26.30	0.15	3.76	33.7	50
	70x70x15	AD0712HB-D91	◎※●	12	0.18	2.16	4600	0.93	32.70	0.22	5.64	40.6	50
	70x70x15	AD0712UB-D91	◎※●	12	0.26	3.12	5500	1.14	40.45	0.26	6.71	44.4	50
	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
AD7015(T)-11	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	0.98	34.80	0.20	4.91	43.4	54
	70x70x15	AD0712DB-D70(T)	◎※●	12	0.07	0.84	2500	0.55	19.34	0.07	1.78	25.6	54
	70x70x15	AD0712LB-D70(T)	◎※●	12	0.11	1.32	3000	0.66	23.41	0.10	2.49	30.2	54
AD7015(T)-7	70x70x15	AD0712MB-D70(T)	◎※●	12	0.15	1.80	3500	0.81	28.61	0.15	3.71	36.9	54
	70x70x15	AD0712HB-D70(T)	◎※●	12	0.23	2.76	4000	0.91	32.17	0.17	4.24	40.3	54
	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
AD7025GL	70x70x25	AD0712DB-A70GL(T)	◎※●	12	0.07	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	1.00	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	1.00	35.50	0.22	5.51	38.0	61
	70x70x25	AD0712LB-A73GP	◎	12	0.17	2.04	3700	1.06	37.30	0.18	4.52	36.8	90
AD7025GP	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
AD8015-7	80x80x15	AD0805MB-D73(N)	◎※●	5	0.13	0.65	2440	0.62	21.81	0.08	1.98	24.9	62

DC Fan

- **AD 15mm ~ 172mm** / Thickness : min 04mm ~ max 51mm
- **AS 40mm ~ 140mm** / Thickness : min 28mm ~ max 51mm
- **AG 20mm ~ 127mm** / Thickness : min 10mm ~ max 38mm

Bearing type: ◎=Ball ⦿=Sleeve ●=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	AD0805HB-D73(N)	◎※●	5	0.22	1.10	3200	0.84 29.72	0.12 3.10	34.4	62
	80x80x15	AD0812LB-D73(N)	◎※●	12	0.04	0.48	2000	0.52 18.34	0.05 1.32	18.8	62
	80x80x15	AD0812MB-D73(N)	◎※●	12	0.05	0.60	2440	0.62 21.81	0.08 1.98	24.9	62
	80x80x15	AD0812HB-D73(N)	◎※●	12	0.11	1.32	3200	0.84 29.72	0.12 3.10	34.4	62
	80x80x15	AD0812UB-D73(N)	◎※●	12	0.16	1.92	3800	0.97 34.34	0.17 4.39	38.1	62
	80x80x15	AD0824MB-D73(N)	◎※●	24	0.05	1.20	2440	0.62 21.81	0.08 1.98	24.9	62
	80x80x15	AD0824HB-D73(N)	◎※●	24	0.08	1.92	3200	0.84 29.72	0.12 3.10	34.4	62
AD8015-7(PWM)	80x80x15	AD0812LB-D7B(NS)	◎※●	12	0.08	0.96	2500	0.65 22.95	0.08 2.10	25.8	63
	80x80x15	AD0812MB-D7B(NS)	◎※●	12	0.10	1.20	3000	0.81 28.63	0.13 3.25	30.9	63
	80x80x15	AD0812HB-D7B(NS)	◎※●	12	0.11	1.32	3500	0.89 31.50	0.15 3.81	36.5	63
	80x80x15	AD0812UB-D7B(NS)	◎※●	12	0.17	2.04	4000	1.04 36.75	0.20 5.00	39.6	63
	80x80x15	AD0812XB-D7B(NS)	◎※●	12	0.22	2.64	4500	1.18 41.78	0.25 6.25	43.4	63
	80x80x15	AD0812VB-D7B(NS)	◎	12	0.26	3.12	5000	1.30 46.00	0.29 7.37	46.5	63
	80x80x15	★AG08012UB159000	◎	12	0.28	3.36	4000	1.33 46.82	0.25 6.30	42.5	63
AD8015GP	80x80x15	AD0812LB-D93GP	◎※●	12	0.07	0.84	2000	0.64 22.64	0.06 1.45	22.1	63
	80x80x15	AD0812MB-D93GP	◎※●	12	0.11	1.32	2500	0.82 28.91	0.09 2.16	29.6	63
	80x80x15	AD0812HB-D93GP	◎※●	12	0.13	1.56	3000	1.01 35.52	0.13 3.33	35.3	63
	80x80x15	AD0812UB-D93GP	◎※●	12	0.18	2.16	3500	1.15 40.69	0.16 4.14	39.7	63
	80x80x15	AD0812XB-D93GP	◎※●	12	0.29	3.48	4000	1.31 46.35	0.20 5.00	42.7	63
	80x80x15	AD0812LB-D76(T)	◎※●	12	0.06	0.72	2000	0.52 18.34	0.05 1.32	18.8	62
AD8015-7(T)	80x80x15	AD0812MB-D76(T)	◎※●	12	0.08	0.96	2440	0.62 21.81	0.08 1.98	24.9	62
	80x80x15	AD0812HB-D76(T)	◎※●	12	0.11	1.32	3200	0.84 29.72	0.12 3.10	34.4	62
	80x80x15	AD0812DB-D96(T)	◎※●	12	0.07	0.84	2500	0.71 24.96	0.09 2.18	30.2	63
AD8015-9(T)	80x80x15	AD0812LB-D96(T)	◎※●	12	0.10	1.20	3000	0.84 29.58	0.12 2.97	36.0	63
	80x80x15	AD0812MB-D96(T)	◎※●	12	0.14	1.68	3500	0.99 34.90	0.16 3.93	40.4	63
	80x80x15	AD0812HB-D96(T)	◎※●	12	0.20	2.40	4000	1.14 40.11	0.20 4.96	44.5	63
	80x80x15	AD0812UB-D96(T)	◎※●	12	0.26	3.12	4500	1.27 45.02	0.25 6.31	48.0	63
	80x80x15	AD0824DB-D96(T)	◎※●	24	0.04	0.96	2500	0.71 24.96	0.09 2.18	30.2	63
	80x80x15	AD0824LB-D96(T)	◎※●	24	0.05	1.20	3000	0.84 29.58	0.12 2.97	36.0	63
	80x80x15	AD0824MB-D96(T)	◎※●	24	0.06	1.44	3500	0.99 34.90	0.16 3.93	40.4	63
	80x80x15	AD0824HB-D96(T)	◎※●	24	0.10	2.40	4000	1.14 40.11	0.20 4.96	44.5	63
	80x80x15	AD0824UB-D96(T)	◎※●	24	0.14	3.36	4500	1.27 45.02	0.25 6.31	48.0	63
	80x80x20	AD0812LB-C7B	◎※●	12	0.05	0.60	2000	0.51 17.91	0.07 1.80	22.9	69
AD8020	80x80x20	AD0812MB-C7B	◎※●	12	0.07	0.84	2500	0.65 23.00	0.11 2.79	28.0	69
	80x80x20	AD0812HB-C7B	◎※●	12	0.10	1.20	3000	0.78 27.72	0.16 3.99	32.2	69



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

Bearing type: ●=Ball ○=Sleeve ●=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	80x80x20	AD0812UB-C7B	◎※●	12	0.14	1.68	3500	0.92	32.50	0.20	5.08	37.5	69
	80x80x20	AD0812XB-C7B	◎※●	12	0.18	2.16	4000	1.05	37.17	0.26	6.55	41.0	69
	80x80x20	AD0812VB-C7B	◎※●	12	0.20	2.40	4500	1.18	41.57	0.33	8.31	45.0	69
AD8020	80x80x20	AD08012MX207600	※●	12	0.08	0.96	2500	0.78	27.72	0.12	3.12	26.9	75
	80x80x20	AD08012HX207600	※●	12	0.12	1.44	3000	0.97	34.13	0.18	4.60	33.1	75
	80x80x20	AD08012UX207600	※●	12	0.22	2.64	3600	1.15	40.70	0.26	6.50	38.3	75
AD8020	80x80x20	AD0805MB-C73(N)	◎※●	5	0.17	0.85	2440	0.63	22.27	0.10	2.49	28.1	68
	80x80x20	AD0805HB-C73(N)	◎※●	5	0.24	1.20	3000	0.78	27.55	0.16	4.02	34.0	68
	80x80x20	AD0812MB-C73(N)	◎※●	12	0.07	0.84	2440	0.63	22.27	0.10	2.49	28.1	68
	80x80x20	AD0812HB-C73(N)	◎※●	12	0.13	1.56	3000	0.78	27.55	0.16	4.02	34.0	68
	80x80x20	AD0812UB-C73(N)	◎※●	12	0.25	3.00	4200	1.10	38.89	0.27	6.93	43.5	68
	80x80x20	AD0824MB-C73(N)	◎※●	24	0.05	1.20	2440	0.63	22.27	0.10	2.49	28.1	68
	80x80x20	AD0824HB-C73(N)	◎※●	24	0.08	1.92	3000	0.78	27.55	0.16	4.02	34.0	68
AD8020(T)	80x80x20	AD0812LB-C76(T)	◎※●	12	0.06	0.72	2100	0.53	18.86	0.07	1.88	23.8	68
	80x80x20	AD0812MB-C76(T)	◎※●	12	0.08	0.96	2500	0.66	23.35	0.09	2.31	27.4	68
	80x80x20	AD0812HB-C76(T)	◎※●	12	0.13	1.56	3100	0.81	28.57	0.15	3.78	34.9	68
	80x80x20	AD0812UB-C76(T)	◎※●	12	0.18	2.16	3750	1.00	35.17	0.22	5.54	40.1	68
	80x80x20	AD0824MB-C76(T)	◎※●	24	0.04	0.96	2500	0.66	23.35	0.09	2.31	27.4	68
	80x80x20	AD0824HB-C76(T)	◎※●	24	0.06	1.44	3100	0.81	28.57	0.15	3.78	34.9	68
AD8025(PWM)	80x80x25	AD0812DB-A7BGL	◎※●	12	0.05	0.60	1500	0.58	20.36	0.05	1.14	15.6	76
	80x80x25	AD0812LB-A7BGL	◎※●	12	0.07	0.84	2000	0.74	26.00	0.08	1.91	22.0	76
	80x80x25	AD0812MB-A7BGL	◎※●	12	0.10	1.20	2500	0.95	33.50	0.10	2.54	29.0	76
	80x80x25	AD0812HB-A7BGL	◎※●	12	0.16	1.92	3000	1.13	40.00	0.15	3.81	34.0	76
	80x80x25	AD0812UB-A7BGL	◎※●	12	0.21	2.52	3600	1.36	48.00	0.22	5.59	39.0	76
	80x80x25	AD0812XB-A7BGL	◎※●	12	0.36	4.32	4500	1.73	61.00	0.35	8.89	46.0	76
AD8025-3 PHASES	80x80x25	AD08012XB257BZ0	◎	12	0.29	3.48	4500	1.64	58.07	0.35	8.81	46.3	85
AD8025	80x80x25	AD08012LB2576A0(OHT)	◎	12	0.08	0.96	2000	0.66	23.31	0.08	2.09	23.6	93.5
	80x80x25	AD08012MB2576A0(OHT)	◎	12	0.14	1.68	3000	1.02	36.29	0.18	4.46	32.9	93.5
	80x80x25	AD08012HB2576A0(OHT)	◎	12	0.21	2.52	3700	1.27	44.76	0.25	6.28	37.9	93.5
AG8025	80x80x25	AG08012DB257600	◎※●	12	0.05	0.60	1500	0.49	17.33	0.05	1.15	15.0	86
	80x80x25	AG08012LB257600	◎※●	12	0.06	0.72	2000	0.67	23.60	0.08	1.99	22.4	86
	80x80x25	AG08012MB257600	◎※●	12	0.09	1.08	2500	0.84	29.81	0.13	3.19	29.3	86
	80x80x25	AG08012HB257600	◎※●	12	0.15	1.80	3000	1.01	35.70	0.17	4.44	34.0	86
	80x80x25	AG08012UB257600	◎※●	12	0.24	2.88	3600	1.22	43.11	0.24	6.07	38.9	86
	80x80x25	AG08024DB257600	◎※●	24	0.02	0.48	1500	0.49	17.33	0.05	1.15	15.0	86

DC Fan

- **AD 15mm ~ 172mm** / Thickness : min 04mm ~ max 51mm
- **AS 40mm ~ 140mm** / Thickness : min 28mm ~ max 51mm
- **AG 20mm ~ 127mm** / Thickness : min 10mm ~ max 38mm

Bearing type: ◎=Ball ⦿=Sleeve ●=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)
AG8025	80x80x25	AG08024LB257600	◎※●	24	0.03	0.72	2000	0.67 23.60	0.08 1.99	22.4	86
	80x80x25	AG08024MB257600	◎※●	24	0.05	1.20	2500	0.84 29.81	0.13 3.19	29.3	86
	80x80x25	AG08024HB257600	◎※●	24	0.10	2.40	3000	1.01 35.70	0.17 4.44	34.0	86
	80x80x25	AG08024UB257600	◎※●	24	0.13	3.12	3600	1.22 43.11	0.24 6.07	38.9	86
AG8025	80x80x25	AG08012LB257300	◎※●	12	0.07	0.84	2000	0.67 23.60	0.08 1.99	22.4	86
	80x80x25	AG08012MB257300	◎※●	12	0.11	1.32	2500	0.84 29.81	0.13 3.19	29.3	86
	80x80x25	AG08012HB257300	◎※●	12	0.14	1.68	3000	1.01 35.70	0.17 4.44	34.0	86
	80x80x25	AG08012UB257300	◎※●	12	0.20	2.40	3600	1.22 43.11	0.24 6.07	38.9	86
	80x80x25	AG08012XB257300	◎	12	0.33	3.12	4500	1.53 54.06	0.38 9.67	45.0	86
AS8025	80x80x25	AS08012XB259B00	◎	12	0.48	5.76	4500	1.97 68.20	0.35 8.86	52.0	86
AD8025	80x80x25	AD0812DB-A73GL(LN)	◎※●	12	0.04	0.48	1600	0.61 21.61	0.05 1.17	14.0	86
	80x80x25	AD0812LB-A73GL(LN)	◎※●	12	0.06	0.72	2000	0.76 26.80	0.08 1.98	21.6	86
	80x80x25	AD0812MB-A73GL(LN)	◎※●	12	0.09	1.08	2500	0.95 33.40	0.12 2.97	28.3	86
	80x80x25	AD0812HB-A73GL(LN)	◎※●	12	0.16	1.92	3000	1.14 40.26	0.15 3.91	33.4	86
	80x80x25	AD0812UB-A73GL(LN)	◎※●	12	0.30	3.60	3900	1.49 52.49	0.27 6.73	40.8	86
	80x80x25	AD0812XB-A73GL(LN)	◎※●	12	0.33	3.96	4200	1.61 56.77	0.30 7.70	43.4	86
	80x80x25	AD0824MB-A73GL(LN)	◎※●	24	0.06	1.44	2500	0.95 33.40	0.12 2.97	28.3	86
	80x80x25	AD0824HB-A73GL(LN)	◎※●	24	0.09	2.16	3000	1.14 40.26	0.15 3.91	33.4	86
	80x80x25	AD0824UB-A73GL(LN)	◎※●	24	0.15	3.60	3900	1.49 52.49	0.27 6.73	40.8	86
AD8025GP	80x80x25	AD0812HB-A73GP(11)	◎	12	0.17	2.04	3500	1.41 49.70	0.20 5.08	38.5	95
	80x80x25	AD0812UB-A7BGP(11)	◎	12	0.27	3.24	4000	1.58 56.00	0.25 6.35	43.5	95
	80x80x25	AD0812XB-A7BGP(11)	◎	12	0.35	4.20	4500	1.90 67.00	0.30 7.62	46.0	95
	80x80x25	AD0812VB-A7BGP(11)	◎	12	0.53	6.36	5000	2.04 72.00	0.36 9.14	49.0	95
	80x80x25	AD0824HB-A73GP	◎	24	0.10	2.40	3500	1.41 49.70	0.20 5.08	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-A7BGP	◎	48	0.07	3.36	3500	1.41 49.70	0.20 5.08	38.5	95
	80x80x25	AD0848UB-A7BGP	◎	48	0.10	4.80	4000	1.58 56.00	0.25 6.35	43.5	95
	80x80x25	AD0848XB-A7BGP	◎	48	0.12	5.76	4500	1.90 67.00	0.30 7.62	46.0	95
	80x80x25	AD0848VB-A7BGP	◎	48	0.13	6.24	5000	2.04 72.00	0.36 9.14	49.0	95
AD8025(T)	80x80x25	AD0812DB-A76GL(LTC)	◎※●	12	0.05	0.60	1600	0.61 21.60	0.05 1.17	14.0	86
	80x80x25	AD0812LB-A76GL(LTC)	◎※●	12	0.08	0.96	2100	0.80 28.39	0.08 1.91	22.1	86
	80x80x25	AD0812MB-A76GL(LTC)	◎※●	12	0.12	1.44	2500	0.95 33.40	0.12 2.97	28.3	86
	80x80x25	AD0812HB-A76GL(LTC)	◎※●	12	0.21	2.52	3000	1.14 40.26	0.15 3.91	33.4	86



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

Bearing type: ●=Ball ○=Sleeve ●=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	AD0812UB-A76GL(LTC)	◎※●	12	0.23	2.76	3400	1.31	46.13	0.20	5.11	38.5	86
	80x80x25	AD0824LB-A76GL(LTC)	◎※●	24	0.04	0.96	2100	0.80	28.39	0.08	1.91	22.1	86
	80x80x25	AD0824MB-A76GL(LTC)	◎※●	24	0.07	1.68	2500	0.95	33.40	0.12	2.97	28.3	86
	80x80x25	AD0824HB-A76GL(LTC)	◎※●	24	0.10	2.40	3200	1.24	43.99	0.18	4.52	35.4	86
AD8032	80x80x32	AD08012DB327B00	◎	12	0.13	1.56	3000	1.17	41.20	0.21	5.21	34.0	135
	80x80x32	AD08012LB327B00	◎	12	0.25	3.00	3800	1.48	52.20	0.32	8.13	40.4	135
	80x80x32	AD08012MB327B00	◎	12	0.35	4.20	4600	1.82	64.40	0.48	12.19	45.6	135
	80x80x32	AD08012HB327B00	◎	12	0.50	6.00	5400	2.12	74.80	0.64	16.26	50.2	135
	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
	80x80x32	AD08024DB327B00	◎	24	0.10	2.40	3000	1.17	41.20	0.21	5.21	34.0	135
	80x80x32	AD08024LB327B00	◎	24	0.12	2.88	3800	1.48	52.20	0.32	8.13	40.4	135
	80x80x32	AD08024MB327B00	◎	24	0.18	4.32	4600	1.82	64.40	0.48	12.19	45.6	135
	80x80x32	AD08024HB327B00	◎	24	0.28	6.72	5400	2.12	74.80	0.64	16.26	50.2	135
	80x80x32	AD08024UB327B00	◎	24	0.44	10.56	6200	2.49	87.90	0.84	21.34	53.5	135
	80x80x32	AD08024XB327B00	◎	24	0.56	13.44	7000	2.75	97.00	1.04	26.42	58.0	135
AD8032	80x80x32	AD0812LB-Y5B(N)	◎	12	0.11	1.32	3000	1.12	39.58	0.19	4.75	35.5	108
	80x80x32	AD0812MB-Y5B(N)	◎	12	0.16	1.92	3400	1.27	44.76	0.24	6.12	36.7	108
	80x80x32	AD0812HB-Y5B(N)	◎	12	0.19	2.28	3800	1.39	49.00	0.29	7.42	42.4	108
	80x80x32	AD0812UB-Y5B(NCU)	◎	12	0.23	2.76	4200	1.57	55.39	0.32	8.03	44.0	108
	80x80x32	AD0824LB-Y53(N)	◎	24	0.07	1.68	3000	1.12	39.58	0.19	4.75	35.5	108
	80x80x32	AD0824MB-Y53(N)	◎	24	0.10	2.40	3400	1.27	44.76	0.24	6.12	36.7	108
	80x80x32	AD0824HB-Y53(N)	◎	24	0.12	2.88	3800	1.39	49.00	0.29	7.42	42.4	108
	80x80x32	AD0824UB-Y53(NCU)	◎	24	0.15	3.60	4200	1.57	55.39	0.32	8.03	44.0	108
	80x80x32	AD0848LB-Y53	◎	48	0.06	2.88	3000	1.12	39.58	0.19	4.75	35.5	108
	80x80x32	AD0848MB-Y53	◎	48	0.07	3.36	3400	1.27	44.76	0.24	6.12	36.7	108
	80x80x32	AD0848HB-Y53	◎	48	0.08	3.84	3800	1.39	49.00	0.29	7.42	42.4	108
	80x80x32	AD0848UB-Y53(CU)	◎	48	0.11	5.28	4200	1.57	55.39	0.32	8.03	44.0	108
AS8038(5)	80x80x38	AS08012LB385BB2	◎	12	1.45	17.40	9500	2.84	100.37	2.08	52.84	65.4	219
	80x80x38	AS08012MB385BB2	◎	12	2.30	27.60	11500	3.45	121.83	2.91	73.91	67.6	219
	80x80x38	AS08012HB385BB2	◎	12	4.10	49.20	13500	3.99	140.85	3.93	99.78	71.6	219
	80x80x38	AS08024LB385BB2	◎	24	0.75	18.00	9500	2.84	100.37	2.08	52.84	65.4	219
	80x80x38	AS08024MB385BB2	◎	24	1.19	28.56	11500	3.45	121.83	2.91	73.91	67.6	219
	80x80x38	AS08024HB385BB2	◎	24	1.88	45.12	13500	3.99	140.85	3.93	99.78	71.6	219
	80x80x38	AS08048LB385BB2	◎	48	0.40	19.20	9500	2.84	100.37	2.08	52.84	65.4	219

DC Fan

- **AD 15mm ~ 172mm** / Thickness : min 04mm ~ max 51mm
- **AS 40mm ~ 140mm** / Thickness : min 28mm ~ max 51mm
- **AG 20mm ~ 127mm** / Thickness : min 10mm ~ max 38mm

Bearing type: ☉=Ball ☈=Sleeve ●=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)
AS8038(5)	80x80x38	AS08048MB385BB2	☉	48	0.64	30.72	11500	3.45	121.83	2.91	73.91	67.6	219
	80x80x38	AS08048HB385BB2	☉	48	1.14	54.72	13500	3.99	140.85	3.93	99.78	71.6	219
AS8038(9)	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
	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
AS8038(5)	80x80x38	AS08012LB385BB1	☉	12	1.15	13.80	12000	2.47	87.40	2.30	58.53	64.6	208
	80x80x38	AS08012MB385BB1	☉	12	1.70	20.40	14000	2.89	102.28	2.75	69.84	68.3	208
	80x80x38	AS08012HB385BB1	☉	12	2.34	28.08	16000	3.45	121.69	4.39	111.59	71.8	208
	80x80x38	AS08012UB385BB1	☉	12	3.55	42.60	18000	3.74	132.07	4.63	117.50	74.5	208
	80x80x38	AD0812HB-F7BDS(M)	☉	12	0.54	6.48	4800	2.12	75.00	0.49	12.45	50.5	195
AD8038DS	80x80x38	AD0812UB-F7BDS(M)	☉	12	0.86	10.32	5500	2.49	88.00	0.66	16.76	55.0	195
	80x80x38	AD0812XB-F7BDS(M)	☉	12	1.25	15.00	6200	2.75	97.00	0.80	20.32	57.0	195
	80x80x38	AD0812VB-F7BDS(M)	☉	12	2.05	24.60	7000	3.11	110.00	1.05	26.67	60.5	195
	80x80x38	AD0824HB-F7BDS(M)	☉	24	0.30	7.20	4800	2.12	75.00	0.49	12.45	50.5	195
	80x80x38	AD0824UB-F7BDS(M)	☉	24	0.44	10.56	5500	2.49	88.00	0.66	16.76	55.0	195
	80x80x38	AD0824XB-F7BDS(M)	☉	24	0.54	12.96	6200	2.75	97.00	0.80	20.32	57.0	195
	80x80x38	AD0848HB-F7BDS(M)	☉	48	0.15	7.20	4800	2.12	75.00	0.49	12.45	50.5	195
	80x80x38	AD0848UB-F7BDS(M)	☉	48	0.23	11.04	5500	2.49	88.00	0.66	16.76	55.0	195
	80x80x38	AD0848XB-F7BDS(M)	☉	48	0.36	17.28	6200	2.75	97.00	0.80	20.32	57.0	195
	80x80x38	AD0812DB-F73(N)	☉	12	0.07	0.84	2000	0.87	30.66	0.09	2.21	25.5	120
	80x80x38	AD0812LB-F73(N)	☉	12	0.10	1.20	2500	1.10	38.73	0.13	3.35	32.3	120
	80x80x38	AD0812MB-F73(N)	☉	12	0.17	2.04	3000	1.30	46.06	0.17	4.24	36.0	120
AD8038	80x80x38	AD0812HB-F73(N)	☉	12	0.24	2.88	3500	1.51	53.31	0.22	5.64	39.9	120
	80x80x38	AD0812UB-F73(N)	☉	12	0.34	4.08	4000	1.76	62.16	0.32	8.10	43.7	120
	80x80x38	AD0824LB-F73(N)	☉	24	0.08	1.92	2500	1.10	38.73	0.13	3.35	32.3	120
	80x80x38	AD0824MB-F73(N)	☉	24	0.10	2.40	3000	1.30	46.06	0.17	4.24	36.0	120
	80x80x38	AD0824MB-F73(N)	☉	24	0.10	2.40	3000	1.30	46.06	0.17	4.24	36.0	120



40x40x56



120x120x38



60x60x25



140x140x51

*:Noise is measured at the distance of 1 meter from the axis of intake.
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Bearing type: ●=Ball ○=Sleeve ●=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)
AD8038	80x80x38	AD0824HB-F73(N)	○	24	0.14	3.36	3500	1.51 53.31	0.22 5.64	39.9	120
	80x80x76	AS08012DB765300	○	12	1.40	16.80	in:5500/ out:5700	2.63 93.01	0.94 23.90	63.7	395
	80x80x76	AS08012LB765300	○	12	1.90	22.80	in:6400/ out:7000	3.16 111.42	1.39 35.40	67.2	395
	80x80x76	AS08012MB765300	○	12	3.10	37.20	in:7200/ out:8300	3.64 128.57	1.89 67.90	72.4	395
	80x80x76	AS08012HB765300	○	12	4.60	55.20	in:8500/ out:10000	4.55 160.69	2.72 69.00	77.1	395
AD9220	92x92x20	AD0912MB-C73(N)	○※●	12	0.09	1.08	2430	0.80 28.36	0.10 2.57	34.0	81
	92x92x20	AD0912HB-C73(N)	○※●	12	0.12	1.44	2700	0.90 31.66	0.12 3.10	36.7	81
	92x92x20	AD0924MB-C73(N)	○※●	24	0.07	1.68	2430	0.80 28.36	0.10 2.57	34.0	81
	92x92x20	AD0924HB-C73(N)	○※●	24	0.09	2.16	2700	0.90 31.66	0.12 3.10	36.7	81
AD9220(T)	92x92x20	AD0912MB-C76(T)	○※●	12	0.12	1.44	2430	0.80 28.36	0.10 2.57	34.0	81
	92x92x20	AD0912HB-C76(T)	○※●	12	0.15	1.80	2700	0.90 31.66	0.12 3.10	36.7	81
	92x92x20	AD0924MB-C76(T)	○※●	24	0.06	1.44	2430	0.80 28.36	0.10 2.57	34.0	81
	92x92x20	AD0924HB-C76(T)	○※●	24	0.09	2.16	2700	0.90 31.66	0.12 3.10	36.7	81
AD9225-3 PHASES	92x92x25	AD09212UB257BZ0	○	12	0.33	3.96	4000	1.97 69.37	0.31 7.91	47.0	100
	92x92x25	AG09212DB257600	○※●	12	0.05	0.60	1500	0.78 27.70	0.06 1.41	26.0	108
	92x92x25	AG09212LB257600	○※●	12	0.09	1.08	2000	1.05 37.00	0.09 2.35	31.2	108
	92x92x25	AG09212MB257600	○※●	12	0.17	2.04	2500	1.30 45.80	0.14 3.50	37.5	108
	92x92x25	AG09212HB257600	○※●	12	0.24	2.88	3000	1.56 55.00	0.20 5.06	43.3	108
	92x92x25	AG09212UB257600	○※●	12	0.31	3.72	3300	1.71 60.70	0.24 5.98	46.0	108
	92x92x25	AG09212XB257600	○	12	0.45	5.40	3800	1.99 70.56	0.30 7.62	50.0	108
	92x92x25	AG09224DB257600	○※●	24	0.03	0.72	1500	0.78 27.70	0.06 1.41	26.0	108
	92x92x25	AG09224LB257600	○※●	24	0.06	1.44	2000	1.05 37.00	0.09 2.35	31.2	108
	92x92x25	AG09224MB257600	○※●	24	0.11	2.64	2500	1.30 45.80	0.14 3.50	37.5	108
	92x92x25	AG09224HB257600	○※●	24	0.14	3.36	3000	1.56 55.00	0.20 5.06	43.3	108
	92x92x25	AG09224UB257600	○※●	24	0.18	4.32	3300	1.71 60.70	0.24 5.98	46.0	108
AG9225G2	92x92x25	AG09212DB257610	○	12	0.13	1.56	2000	1.09 38.37	0.08 2.15	26.3	108
	92x92x25	AG09212LB257610	○	12	0.16	1.92	2500	1.36 48.23	0.13 3.27	32.1	108
	92x92x25	AG09212MB257610	○	12	0.22	2.64	3000	1.63 57.77	0.20 5.09	36.5	108
	92x92x25	AG09212HB257610	○	12	0.31	3.72	3300	1.83 64.56	0.24 6.06	39.2	108
	92x92x25	AG09212UB257610	○	12	0.35	4.20	3600	2.01 71.00	0.28 7.17	42.0	108
	92x92x25	AG09224DB257610	○	24	0.05	1.20	2000	1.09 38.37	0.08 2.15	26.3	108

DC Fan

- **AD 15mm ~ 172mm** / Thickness : min 04mm ~ max 51mm
- **AS 40mm ~ 140mm** / Thickness : min 28mm ~ max 51mm
- **AG 20mm ~ 127mm** / Thickness : min 10mm ~ max 38mm

Bearing type: ◎=Ball ⦿=Sleeve ●=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)
AG9225G2	92x92x25	AG09224LB257610	◎	24	0.09	2.16	2500	1.36 48.23	0.13 3.27	32.1	108
	92x92x25	AG09224MB257610	◎	24	0.14	3.36	3000	1.63 57.77	0.20 5.09	36.5	108
	92x92x25	AG09224HB257610	◎	24	0.17	4.08	3300	1.83 64.56	0.24 6.06	39.2	108
	92x92x25	AG09224UB257610	◎	24	0.18	4.32	3600	2.01 71.00	0.28 7.17	42.0	108
AD9225	92x92x25	AD0912DB-A73GL(N)	◎※●	12	0.05	0.60	1600	0.86 30.30	0.03 0.86	19.1	92
	92x92x25	AD0912LB-A73GL(N)	◎※●	12	0.09	1.08	2300	1.25 43.99	0.09 2.36	30.0	92
	92x92x25	AD0912MB-A73GL(N)	◎※●	12	0.14	1.68	2600	1.40 49.36	0.12 3.15	34.5	92
	92x92x25	AD0912HB-A73GL(N)	◎※●	12	0.18	2.16	2900	1.59 56.07	0.15 3.71	37.5	92
	92x92x25	AD0912UB-A73GL(N)	◎※●	12	0.27	3.24	3300	1.75 61.93	0.19 4.75	42.2	92
	92x92x25	AD0924LB-A73GL(N)	◎※●	24	0.08	1.92	2300	1.25 43.99	0.09 2.36	30.0	92
	92x92x25	AD0924MB-A73GL(N)	◎※●	24	0.09	2.16	2600	1.40 49.36	0.12 3.15	34.5	92
	92x92x25	AD0924HB-A73GL(N)	◎※●	24	0.11	2.64	2900	1.59 56.07	0.15 3.71	37.5	92
	92x92x25	AD0924UB-A73GL(N)	◎※●	24	0.16	3.84	3300	1.75 61.93	0.19 4.75	42.2	92
	92x92x25	AD0948HB-A73GL	◎	48	0.11	5.28	2900	1.59 56.07	0.15 3.71	37.5	92
AD9225(T)	92x92x25	AD0912DB-A76GL(HT)	◎※●	12	0.06	0.72	1600	0.86 30.30	0.03 0.86	19.1	92
	92x92x25	AD0912LB-A76GL(HT)	◎※●	12	0.11	1.32	2100	1.15 40.69	0.08 2.06	29.2	92
	92x92x25	AD0912MB-A76GL(HT)	◎※●	12	0.15	1.80	2400	1.26 44.66	0.10 2.57	31.2	92
	92x92x25	AD0912HB-A76GL(HT)	◎※●	12	0.24	2.88	2900	1.59 56.07	0.15 3.71	37.5	92
	92x92x25	AD0912UB-A76GL(HT)	◎※●	12	0.28	3.36	3300	1.75 61.93	0.19 4.75	42.2	92
	92x92x25	AD0924DB-A76GL(HT)	◎※●	24	0.04	0.96	1600	0.86 30.30	0.03 0.86	19.1	92
	92x92x25	AD0924LB-A76GL(HT)	◎※●	24	0.05	1.20	2100	1.15 40.69	0.08 2.06	29.2	92
	92x92x25	AD0924MB-A76GL(HT)	◎※●	24	0.09	2.16	2400	1.26 44.66	0.10 2.57	31.2	92
	92x92x25	AD0924HB-A76GL(HT)	◎※●	24	0.15	3.60	2900	1.59 56.07	0.15 3.71	37.5	92
	92x92x25	AD0948HB-A73GP	◎	48	0.08	3.84	3000	1.77 62.50	0.19 4.70	39.5	103
AD9225GP	92x92x25	AD0912UB-A73GP	◎	12	0.37	4.44	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	1.77 62.50	0.19 4.70	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	1.77 62.50	0.19 4.70	39.5	103
	92x92x25	AD0948UB-A73GP	◎	48	0.12	5.76	3500	2.04 72.00	0.23 5.84	44.0	103
	92x92x25	AD0948XB-A73GP	◎	48	0.17	8.16	4000	2.36 83.50	0.28 7.11	48.0	103
	92x92x32	AD0912LB-Y73GL(N)	◎	12	0.16	1.92	2500	1.36 48.05	0.14 3.61	34.7	140
	92x92x32	AD0912MB-Y73GL(N)	◎	12	0.24	2.88	3000	1.67 58.97	0.19 4.80	39.5	140
AD9232	92x92x32	AD0912HB-Y73GL(N)	◎	12	0.38	4.56	3500	1.95 68.95	0.28 7.21	44.0	140



40x40x56



120x120x38



60x60x25



140x140x51

*:Noise is measured at the distance of 1 meter from the axis of intake.
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Bearing type: ●=Ball ○=Sleeve ●=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)
AD9232	92x92x32	AD0912UB-Y73GL(N)	○	12	0.45	5.40	3900	2.18 77.18	0.37 9.42	50.0	140
	92x92x32	AD0924LB-Y73GL(N)	○	24	0.08	1.92	2500	1.36 48.05	0.14 3.61	34.7	140
	92x92x32	AD0924MB-Y73GL(N)	○	24	0.14	3.36	3000	1.67 58.97	0.19 4.80	39.5	140
	92x92x32	AD0924HB-Y73GL(N)	○	24	0.21	5.04	3500	1.95 68.95	0.28 7.21	44.0	140
	92x92x32	AD0924UB-Y73GL(N)	○	24	0.24	5.76	3900	2.18 77.18	0.37 9.42	50.0	140
	92x92x32	AD0948LB-Y73GL(N)	○	48	0.06	2.88	2500	1.36 48.05	0.14 3.61	34.7	140
	92x92x32	AD0948MB-Y73GL(N)	○	48	0.08	3.84	3000	1.67 58.97	0.19 4.80	39.5	140
	92x92x32	AD0948HB-Y73GL(N)	○	48	0.10	4.80	3500	1.95 68.95	0.28 7.21	44.0	140
	92x92x32	AD0948UB-Y73GL(N)	○	48	0.13	6.24	3900	2.18 77.18	0.37 9.42	50.0	140
AS9238	92x92x38	AS09212LB389BB0	○	12	0.98	12.00	5000	3.00 106.00	0.64 16.33	55.0	255
	92x92x38	AS09212MB389BB0	○	12	1.55	19.00	6000	3.59 127.00	0.93 23.52	61.0	255
	92x92x38	AS09212HB389BB0	○	12	2.24	27.00	7000	4.27 151.00	1.31 33.22	64.0	255
	92x92x38	AS09212UB389BB0	○	12	3.50	42.00	8000	4.92 174.00	1.71 43.38	68.0	255
	92x92x38	AS09224LB389BB0	○	24	0.55	13.00	5000	3.00 106.00	0.64 16.33	55.0	255
	92x92x38	AS09224MB389BB0	○	24	0.80	19.00	6000	3.59 127.00	0.93 23.52	61.0	255
	92x92x38	AS09224HB389BB0	○	24	1.15	28.00	7000	4.27 151.00	1.31 33.22	64.0	255
	92x92x38	AS09224UB389BB0	○	24	1.80	43.00	8000	4.92 174.00	1.71 43.38	68.0	255
	92x92x38	AS09248LB389BB0	○	48	0.30	14.00	5000	3.00 106.00	0.64 16.33	55.0	255
	92x92x38	AS09248MB389BB0	○	48	0.45	22.00	6000	3.59 127.00	0.93 23.52	61.0	255
	92x92x38	AS09248HB389BB0	○	48	0.60	29.00	7000	4.27 151.00	1.31 33.22	64.0	255
	92x92x38	AS09248UB389BB0	○	48	0.90	43.00	8000	4.92 174.00	1.71 43.38	68.0	255
AD9238DS	92x92x38	AD0912HB-F9BDS(M)	○	12	0.75	9.00	4400	3.06 108.00	0.50 12.70	52.5	210
	92x92x38	AD0912UB-F9BDS(M)	○	12	0.98	11.76	4800	3.34 118.00	0.59 14.99	55.0	210
	92x92x38	AD0912XB-F9BDS(M)	○	12	1.38	16.56	5400	3.82 135.00	0.74 18.80	58.5	210
	92x92x38	AD0912VB-F9BDS(M)	○	12	2.25	27.00	6000	4.22 149.00	0.93 23.62	62.0	210
	92x92x38	AD0924HB-F9BDS(M)	○	24	0.33	7.92	4400	3.06 108.00	0.50 12.70	52.5	210
	92x92x38	AD0924UB-F9BDS(M)	○	24	0.47	11.28	4800	3.34 118.00	0.59 14.99	55.0	210
	92x92x38	AD0924XB-F9BDS(M)	○	24	0.65	15.60	5400	3.82 135.00	0.74 18.80	58.5	210
	92x92x38	AD0948HB-F9BDS(M)	○	48	0.19	9.12	4400	3.06 108.00	0.50 12.70	52.5	210
	92x92x38	AD0948UB-F9BDS(M)	○	48	0.25	12.00	4800	3.34 118.00	0.59 14.99	55.0	210
	92x92x38	AD0948XB-F9BDS(M)	○	48	0.35	16.80	5400	3.82 135.00	0.74 18.80	58.5	210
AD9238GP	92x92x38	AD0912HB-F9BGP(M)	○	12	0.75	9.00	4400	2.97 105.00	0.45 11.43	53.0	210
	92x92x38	AD0912UB-F9BGP(M)	○	12	0.98	11.76	4800	3.25 115.00	0.53 13.46	56.5	210
	92x92x38	AD0912XB-F9BGP(M)	○	12	1.38	16.56	5400	3.68 130.00	0.67 17.02	59.5	210
	92x92x38	AD0912VB-F9BGP(M)	○	12	2.20	26.40	6000	4.19 148.00	0.85 21.59	63.0	210

DC Fan

- **AD 15mm ~ 172mm** / Thickness : min 04mm ~ max 51mm
- **AS 40mm ~ 140mm** / Thickness : min 28mm ~ max 51mm
- **AG 20mm ~ 127mm** / Thickness : min 10mm ~ max 38mm

Bearing type: ◎=Ball ⦿=Sleeve ●=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)
AD9238GP	92x92x38	AD0924HB-F9BGP(M)	◎	24	0.33	7.92	4400	2.97 105.00	0.45 11.43	53.0	210
	92x92x38	AD0924UB-F9BGP(M)	◎	24	0.47	11.28	4800	3.25 115.00	0.53 13.46	56.5	210
	92x92x38	AD0924XB-F9BGP(M)	◎	24	0.65	15.60	5400	3.68 130.00	0.67 17.02	59.5	210
	92x92x38	AD0948HB-F9BGP(M)	◎	48	0.19	9.12	4400	2.97 105.00	0.45 11.43	53.0	210
	92x92x38	AD0948UB-F9BGP(M)	◎	48	0.25	12.00	4800	3.25 115.00	0.53 13.46	56.5	210
	92x92x38	AD0948XB-F9BGP(M)	◎	48	0.35	16.80	5400	3.68 130.00	0.67 17.02	59.5	210
AD10538	105x105x38	AD1012DB-F91	◎	12	0.13	1.56	2000	1.64 58.10	0.14 3.53	35.5	231
	105x105x38	AD1012LB-F91	◎	12	0.25	3.00	2500	2.04 72.19	0.22 5.49	41.2	231
	105x105x38	AD1012MB-F91	◎	12	0.49	5.88	3000	2.54 89.73	0.31 7.87	46.2	231
	105x105x38	AD1012HB-F91	◎	12	0.71	8.52	3500	2.92 103.09	0.42 10.57	49.6	231
	105x105x38	AD1012UB-F91	◎	12	1.15	13.80	4000	3.36 118.66	0.55 13.92	53.5	231
AD11336	113x113x36	ADL312HB-X31	◎	12	0.22	2.64	2400	1.62 57.10	0.11 2.87	36.5	156
AD12025-3PHASES	120x120x25	AD12012DB257BZ0	◎	12	0.08	0.96	1500	1.62 57.21	0.07 1.88	28.0	156
	120x120x25	AD12012LB257BZ0	◎	12	0.11	1.32	1800	2.03 71.81	0.09 2.36	34.4	156
	120x120x25	AD12012MB257BZ0	◎	12	0.14	1.68	2050	2.29 81.05	0.11 2.87	38.0	156
	120x120x25	AD12012HB257BZ0	◎	12	0.16	1.92	2200	2.49 87.87	0.13 3.40	39.1	156
	120x120x25	AD12012UB257BZ0	◎	12	0.21	2.52	2500	2.80 98.97	0.17 4.42	43.3	156
AG12025	120x120x25	AG12012DB257B00	◎※●	12	0.12	1.44	1900	1.63 57.66	0.12 3.15	31.1	185
	120x120x25	AG12012LB257B00	◎※●	12	0.15	1.80	2200	1.90 67.02	0.17 4.29	34.6	185
	120x120x25	AG12012MB257B00	◎※●	12	0.21	2.52	2500	2.15 76.08	0.21 5.38	38.4	185
	120x120x25	AG12012HB257B00	◎※●	12	0.30	3.60	3100	2.68 94.69	0.31 7.87	44.8	185
	120x120x25	AG12012UB257B00	◎※●	12	0.48	5.76	3600	3.01 106.27	0.39 9.96	49.1	185
	120x120x25	AG12012XB257B00	◎※●	12	0.80	9.60	4100	3.48 122.92	0.48 12.19	52.0	185
	120x120x25	AG12024DB257B00	◎※●	24	0.07	1.68	1900	1.63 57.66	0.12 3.15	31.1	185
	120x120x25	AG12024LB257B00	◎※●	24	0.08	1.92	2200	1.90 67.02	0.17 4.29	34.6	185
	120x120x25	AG12024MB257B00	◎※●	24	0.11	2.64	2500	2.15 76.08	0.21 5.38	38.4	185
	120x120x25	AG12024HB257B00	◎※●	24	0.16	3.84	3100	2.68 94.69	0.31 7.87	44.8	185
	120x120x25	AG12024UB257B00	◎※●	24	0.25	6.00	3600	3.01 106.27	0.39 9.96	49.1	185
	120x120x25	AG12024XB257B00	◎※●	24	0.32	7.68	4100	3.48 122.92	0.48 12.19	52.0	185
	120x120x25	AG12048LB257B00	◎※●	48	0.05	2.40	2200	1.90 67.02	0.17 4.29	34.6	185
	120x120x25	AG12048MB257B00	◎※●	48	0.06	2.88	2500	2.15 76.08	0.21 5.38	38.4	185
	120x120x25	AG12048HB257B00	◎※●	48	0.11	5.28	3100	2.68 94.69	0.31 7.87	44.8	185
	120x120x25	AG12048UB257B00	◎※●	48	0.14	6.72	3600	3.01 106.27	0.39 9.96	49.1	185
AS12025	120x120x25	AS12012LB25AB00	◎	12	0.66	7.92	2900	3.56 125.82	0.28 7.04	51.0	220
	120x120x25	AS12012MB25AB00	◎	12	0.84	10.08	3400	4.27 150.77	0.39 9.83	54.7	220



40x40x56

120x120x38

60x60x25

140x140x51

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	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)
AS12025	120x120x25	AS12012HB25AB00	○	12	1.06	12.72	3700	4.57 161.51	0.44 11.25	57.8	220
	120x120x25	AS12012UB25AB00	○	12	1.42	17.04	4000	4.98 175.90	0.52 13.28	58.6	220
	120x120x25	AS12024LB25AB00	○	24	0.28	6.72	2900	3.56 125.82	0.28 7.04	51.0	220
	120x120x25	AS12024MB25AB00	○	24	0.43	10.32	3400	4.27 150.77	0.39 9.83	54.7	220
	120x120x25	AS12024HB25AB00	○	24	0.55	13.20	3700	4.57 161.51	0.44 11.25	57.8	220
	120x120x25	AS12024UB25AB00	○	24	0.71	17.04	4000	4.98 175.90	0.52 13.28	58.6	220
	120x120x25	AS12048LB25AB00	○	48	0.17	8.16	2900	3.56 125.82	0.28 7.04	51.0	220
	120x120x25	AS12048MB25AB00	○	48	0.23	11.04	3400	4.27 150.77	0.39 9.83	54.7	220
	120x120x25	AS12048HB25AB00	○	48	0.30	14.40	3700	4.57 161.51	0.44 11.25	57.8	220
	120x120x25	AS12048UB25AB00	○	48	0.37	17.76	4000	4.98 175.90	0.52 13.28	58.6	220
AD12025ES	120x120x25	AD12012DB257600	○	12	0.06	0.72	1500	1.47 52.08	0.07 1.80	27.4	156
	120x120x25	AD12012LB257600	○	12	0.12	1.44	1800	1.78 63.05	0.10 2.59	33.0	156
	120x120x25	AD12012MB257600	○	12	0.15	1.80	2050	2.02 71.30	0.13 3.35	36.3	156
	120x120x25	AD12012HB257600	○	12	0.19	2.28	2200	2.19 77.21	0.15 3.86	38.4	156
	120x120x25	AD12012UB257600	○	12	0.29	3.48	2500	2.54 89.84	0.19 4.85	41.6	156
AD12025	120x120x25	AD1212DB-A7BGL	○※●	12	0.11	1.32	1500	1.62 57.21	0.07 1.88	27.2	156
	120x120x25	AD1212LB-A7BGL	○※●	12	0.15	1.80	1800	2.03 71.81	0.09 2.36	34.4	156
	120x120x25	AD1212MB-A7BGL	○※●	12	0.16	1.92	2050	2.29 81.05	0.11 2.87	38.0	156
	120x120x25	AD1212HB-A7BGL	○※●	12	0.29	3.48	2200	2.49 87.87	0.13 3.40	39.1	156
	120x120x25	AD1212UB-A7BGL	○※●	12	0.39	4.68	2500	2.80 98.97	0.17 4.42	43.3	156
	120x120x25	AD1224DB-A7BGL	○※●	24	0.07	1.68	1500	1.62 57.21	0.07 1.88	27.2	156
	120x120x25	AD1224LB-A7BGL	○※●	24	0.10	2.40	1800	2.03 71.81	0.09 2.36	34.4	156
	120x120x25	AD1224MB-A7BGL	○※●	24	0.13	3.12	2050	2.29 81.05	0.11 2.87	38.0	156
	120x120x25	AD1224HB-A7BGL	○※●	24	0.13	3.12	2200	2.49 87.87	0.13 3.40	39.1	156
	120x120x25	AD1224UB-A7BGL	○※●	24	0.19	4.56	2500	2.80 98.97	0.17 4.42	43.3	156
	120x120x25	AD1248HB-A7BGL	○※●	48	0.10	4.80	2200	2.49 87.87	0.13 3.40	39.1	156
	120x120x25	AD1248UB-A7BGL	○※●	48	0.12	5.76	2500	2.80 98.97	0.17 4.42	43.3	156
AD12032	120x120x32	AD1212DB-Y5B	○※●	12	0.08	0.96	1450	1.68 59.46	0.08 1.91	26.9	213
	120x120x32	AD1212LB-Y5B	○※●	12	0.19	2.28	2000	2.35 82.98	0.12 3.12	36.2	213
	120x120x32	AD1212MB-Y5B	○※●	12	0.26	3.12	2400	2.80 99.07	0.17 4.24	41.1	213
	120x120x32	AD1212HB-Y5B	○※●	12	0.32	3.84	2750	3.16 111.71	0.24 6.12	43.3	213
	120x120x32	AD1212UB-Y5B	○※●	12	0.51	6.12	3200	3.78 133.44	0.32 8.05	48.4	213
	120x120x32	AD1224DB-Y5B	○※●	24	0.05	1.20	1450	1.68 59.46	0.08 1.91	26.9	213
	120x120x32	AD1224LB-Y5B	○※●	24	0.10	2.40	2000	2.35 82.98	0.12 3.12	36.2	213
	120x120x32	AD1224MB-Y5B	○※●	24	0.16	3.84	2400	2.80 99.07	0.17 4.24	41.1	213

DC Fan

- **AD 15mm ~ 172mm** / Thickness : min 04mm ~ max 51mm
- **AS 40mm ~ 140mm** / Thickness : min 28mm ~ max 51mm
- **AG 20mm ~ 127mm** / Thickness : min 10mm ~ max 38mm

Bearing type: ☉=Ball ☿=Sleeve ●=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)
AD12032	120x120x32	AD1224HB-Y5B	☉☿●	24	0.21	5.04	2750	3.16 111.71	0.24 6.12	43.3	213
	120x120x32	AD1224UB-Y5B	☉☿●	24	0.32	7.68	3200	3.78 133.44	0.32 8.05	48.4	213
	120x120x32	AD1248HB-Y5B	☉☿●	48	0.11	5.28	2750	3.16 111.71	0.24 6.12	43.3	213
	120x120x32	AD1248UB-Y5B	☉☿●	48	0.15	7.20	3200	3.78 133.44	0.32 8.05	48.4	213
AD12032ES	120x120x32	AD12012DB325600	☉	12	0.06	0.72	1450	1.55 54.81	0.08 2.01	25.7	213
	120x120x32	AD12012LB325600	☉	12	0.12	1.44	2000	2.18 76.91	0.15 3.76	35.3	213
	120x120x32	AD12012MB325600	☉	12	0.20	2.40	2400	2.59 91.61	0.19 4.80	40.0	213
	120x120x32	AD12012HB325600	☉	12	0.33	3.96	2750	3.01 106.49	0.23 5.94	45.4	213
AD12038	120x120x38	AD1212DB-F5B(N)	☉☿●	12	0.12	1.44	1500	1.62 57.29	0.09 2.16	28.4	235 /Plastic 297 /Aluminum
	120x120x38	AD1212LB-F5B(N)	☉☿●	12	0.22	2.64	1950	2.03 71.64	0.13 3.25	36.2	
	120x120x38	AD1212MB-F5B(N)	☉☿●	12	0.34	4.08	2540	2.73 96.30	0.23 5.79	45.0	
	120x120x38	AD1212HB-F5B(N)	☉☿●	12	0.39	4.68	2800	2.98 105.46	0.27 6.73	46.7	
	120x120x38	AD1212UB-F5B(N)	☉☿●	12	0.62	7.44	3200	3.40 120.11	0.34 8.51	48.0	
	120x120x38	AD1224DB-F5B(N)	☉☿●	24	0.07	1.68	1500	1.62 57.29	0.09 2.16	28.4	
	120x120x38	AD1224LB-F5B(N)	☉☿●	24	0.10	2.40	1950	2.03 71.64	0.13 3.25	36.2	
	120x120x38	AD1224MB-F5B(N)	☉☿●	24	0.20	4.80	2540	2.73 96.30	0.23 5.79	45.0	
	120x120x38	AD1224HB-F5B(N)	☉☿●	24	0.26	6.24	2800	2.98 105.46	0.27 6.73	46.7	
	120x120x38	AD1224UB-F5B(N)	☉☿●	24	0.38	9.12	3200	3.40 120.11	0.34 8.51	48.0	
	120x120x38	AD1248LB-F5B(N)	☉☿●	48	0.09	4.32	1950	2.03 71.64	0.13 3.25	36.2	
	120x120x38	AD1248MB-F5B(N)	☉☿●	48	0.13	6.24	2540	2.73 96.30	0.23 5.79	45.0	
	120x120x38	AD1248HB-F5B(N)	☉☿●	48	0.18	8.64	2800	2.98 105.46	0.27 6.73	46.7	
	120x120x38	AD1248UB-F5B(N)	☉☿●	48	0.22	10.56	3200	3.40 120.11	0.34 8.51	48.0	
AD12038GP	120x120x38	AD1212DB-F9BGP(F)	☉	12	0.49	5.88	2800	3.69 130.54	0.30 7.49	48.5	335 /Plastic 390 /Aluminum
	120x120x38	AD1212LB-F9BGP(FCU)	☉	12	0.70	8.40	3200	4.25 150.12	0.38 9.73	52.5	
	120x120x38	AD1212MB-F9BGP(FCU)	☉	12	0.96	11.52	3800	5.14 181.60	0.53 13.46	57.5	
	120x120x38	AD1212HB-F9BGP(FM)	☉	12	1.62	19.44	4300	5.65 199.73	0.63 15.88	61.0	
	120x120x38	AD1224DB-F9BGP(F)	☉	24	0.23	5.52	2800	3.69 130.54	0.30 7.49	48.5	
	120x120x38	AD1224LB-F9BGP(FCU)	☉	24	0.36	8.64	3200	4.25 150.12	0.38 9.73	52.5	
	120x120x38	AD1224MB-F9BGP(FCU)	☉	24	0.58	13.92	3800	5.14 181.60	0.53 13.46	57.5	
	120x120x38	AD1224HB-F9BGP(FM)	☉	24	0.80	19.20	4300	5.65 199.73	0.63 15.88	61.0	
	120x120x38	AD1224UB-F9BGP(FM)	☉	24	1.15	27.60	4700	6.27 221.40	0.75 18.97	63.0	
	120x120x38	AD1248DB-F9BGP(F)	☉	48	0.16	7.68	2800	3.69 130.54	0.30 7.49	48.5	
	120x120x38	AD1248LB-F9BGP(FCU)	☉	48	0.18	8.64	3200	4.25 150.12	0.38 9.73	52.5	
	120x120x38	AD1248MB-F9BGP(FCU)	☉	48	0.28	13.44	3800	5.14 181.60	0.53 13.46	57.5	
	120x120x38	AD1248HB-F9BGP(FM)	☉	48	0.44	21.12	4300	5.65 199.73	0.63 15.88	61.0	



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

Bearing type: ●=Ball ○=Sleeve ●=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)
AD12038GP	120x120x38	AD1248UB-F9BGP(FM)	○	48	0.58	27.84	4700	6.27 221.40	0.75 18.97	63.0	335/Plastic 390/Aluminum
	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
AD12038ES	120x120x38	AD12012DB385600(OF)	○	12	0.08	0.96	1500	1.52 53.68	0.09 2.18	28.0	235 /Plastic
	120x120x38	AD12012LB385600(OF)	○	12	0.15	1.80	1950	1.93 68.28	0.14 3.66	36.7	
	120x120x38	AD12012MB385600(OF)	○	12	0.33	3.96	2540	2.58 91.23	0.23 5.77	44.4	
	120x120x38	AD12012HB385600(OF)	○	12	0.48	5.76	2800	2.85 100.80	0.26 6.65	46.5	
AD12738	127x127x38	AD1312LB-F5B	○	12	0.25	3.00	2000	3.04 107.49	0.16 4.11	41.0	370
	127x127x38	AD1312MB-F5B	○	12	0.38	4.56	2500	3.78 133.66	0.24 6.07	47.5	370
	127x127x38	AD1312HB-F5B	○	12	0.65	7.80	2950	4.56 161.17	0.35 8.89	53.0	370
	127x127x38	AD1312UB-F5B(CU)	○	12	1.06	12.72	3500	5.47 193.37	0.46 11.73	56.0	370
	127x127x38	AD1312XB-F5B(M)	○	12	1.95	23.40	4100	6.41 226.63	0.56 14.15	62.0	370
	127x127x38	AD1324LB-F5B	○	24	0.15	3.60	2000	3.04 107.49	0.16 4.11	41.0	370
	127x127x38	AD1324MB-F5B	○	24	0.22	5.28	2500	3.78 133.66	0.24 6.07	47.5	370
	127x127x38	AD1324HB-F5B	○	24	0.36	8.64	2950	4.56 161.17	0.35 8.89	53.0	370
	127x127x38	AD1324UB-F5B(CU)	○	24	0.50	12.00	3500	5.47 193.37	0.46 11.73	56.0	370
	127x127x38	AD1324XB-F5B(M)	○	24	0.94	22.56	4100	6.41 226.63	0.56 14.15	62.0	370
	127x127x38	AD1324VB-F5B(M)	○	24	1.10	26.40	4500	6.85 242.15	0.63 16.00	64.5	370
	127x127x38	AD1348LB-F5B	○	48	0.11	5.28	2000	3.04 107.49	0.16 4.11	41.0	370
	127x127x38	AD1348MB-F5B	○	48	0.15	7.20	2500	3.78 133.66	0.24 6.07	47.5	370
AG12738	127x127x38	AD1348HB-F5B	○	48	0.21	10.08	2950	4.56 161.17	0.35 8.89	53.0	370
	127x127x38	AD1348UB-F5B(CU)	○	48	0.31	14.88	3500	5.47 193.37	0.46 11.73	56.0	370
	127x127x38	AD1348XB-F5B(M)	○	48	0.50	24.00	4100	6.41 226.63	0.56 14.15	62.0	370
	127x127x38	AD1348VB-F5B(M)	○	48	0.64	30.72	4500	6.85 242.15	0.63 16.00	64.5	370
	127x127x38	AG12712LB385B00(OCU)	○	12	0.29	3.48	3000	3.02 106.57	0.49 12.52	46.0	360

DC Fan

- **AD 15mm ~ 172mm** / Thickness : min 04mm ~ max 51mm
- **AS 40mm ~ 140mm** / Thickness : min 28mm ~ max 51mm
- **AG 20mm ~ 127mm** / Thickness : min 10mm ~ max 38mm

Bearing type: ◎=Ball ⦿=Sleeve ●=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)
AG12738	127x127x38	AG12712MB385B00(0M)	◎	12	0.63	7.56	4000	4.06 143.42	0.77 19.66	53.9	360
	127x127x38	AG12712HB385B00(0M)	◎	12	0.83	9.96	4500	4.56 161.10	0.93 23.62	57.0	360
	127x127x38	AG12712UB385B00(0M)	◎	12	1.16	13.92	5000	5.02 177.38	1.09 27.64	59.4	360
	127x127x38	AG12724LB385B00(0CU)	◎	24	0.15	3.60	3000	3.02 106.57	0.49 12.52	46.0	360
	127x127x38	AG12724MB385B00(0M)	◎	24	0.30	7.20	4000	4.06 143.42	0.77 19.66	53.9	360
	127x127x38	AG12724HB385B00(0M)	◎	24	0.43	10.32	4500	4.56 161.10	0.93 23.62	57.0	360
	127x127x38	AG12724UB385B00(0M)	◎	24	0.55	13.20	5000	5.02 177.38	1.09 27.64	59.4	360
	127x127x38	AG12724XB385B00(0M)	◎	24	0.73	17.52	5500	5.63 198.81	1.27 32.33	62.0	360
	127x127x38	AG12748LB385B00(0CU)	◎	48	0.09	4.32	3000	3.02 106.57	0.49 12.52	46.0	360
	127x127x38	AG12748MB385B00(0M)	◎	48	0.17	8.16	4000	4.06 143.42	0.77 19.66	53.9	360
	127x127x38	AG12748HB385B00(0M)	◎	48	0.23	11.04	4500	4.56 161.10	0.93 23.62	57.0	360
	127x127x38	AG12748UB385B00(0M)	◎	48	0.29	13.92	5000	5.02 177.38	1.09 27.64	59.4	360
	127x127x38	AG12748XB385B00(0M)	◎	48	0.38	18.24	5500	5.63 198.81	1.27 32.33	62.0	360
	135x135x25	ADN512DB-A9B	◎	12	0.12	1.44	1500	1.85 65.34	0.08 2.03	28.5	220
	135x135x25	ADN512LB-A9B	◎	12	0.18	2.16	1800	2.21 77.95	0.11 2.72	33.6	220
AD13525	135x135x25	ADN512MB-A9B	◎	12	0.20	2.40	2050	2.55 90.15	0.14 3.51	37.8	220
	135x135x25	ADN512HB-A9B	◎	12	0.28	3.36	2200	2.70 95.37	0.19 4.83	39.0	220
	135x135x25	ADN512UB-A9B	◎	12	0.31	3.72	2500	3.07 108.63	0.23 5.92	42.5	220
	135x135x25	ADN512XB-A9B	◎	12	0.47	5.64	3100	3.82 134.85	0.32 8.00	49.7	220
	135x135x25	AD13512DB259600	◎	12	0.07	0.84	1500	1.66 58.50	0.09 2.34	28.0	220
	135x135x25	AD13512LB259600	◎	12	0.12	1.44	1800	2.00 70.83	0.13 3.20	33.9	220
AD13525ES	135x135x25	AD13512MB259600	◎	12	0.16	1.92	2050	2.35 83.04	0.17 4.22	37.9	220
	135x135x25	AD13512HB259600	◎	12	0.18	2.16	2200	2.46 86.85	0.18 4.55	39.6	220
	135x135x25	AD13512UB259600	◎	12	0.29	3.48	2500	2.82 99.74	0.22 5.66	42.8	220
	140x140x38	AS14012LB387BB0(0L6)	◎	12	0.80	9.60	3600	4.19 148.00	0.68 17.20	56.7	551
	140x140x38	AS14012MB387BB0(0L6)	◎	12	1.26	15.12	4200	4.93 174.00	0.87 22.00	57.8	551
AS14038	140x140x38	AS14012HB387BB0(0L6)	◎	12	1.75	21.00	4800	5.66 200.00	1.10 28.00	61.4	551
	140x140x38	AS14012UB387BB0(0L6)	◎	12	2.20	26.40	5400	6.37 225.00	1.40 35.50	66.3	551
	140x140x38	AS14012XB387BB0(0L6)	◎	12	3.20	38.40	6000	7.08 250.00	1.69 43.00	68.2	551
	140x140x38	AS14012XB387BB0	◎	12	4.00	48.00	6600	7.68 271.50	2.02 51.00	70.2	551
	140x140x38	AS14024LB387BB0	◎	24	0.60	14.40	4200	4.93 174.00	0.87 22.00	57.8	551
	140x140x38	AS14024MB387BB0	◎	24	0.80	19.20	4800	5.66 200.00	1.10 28.00	61.4	551
	140x140x38	AS14024HB387BB0	◎	24	1.10	26.40	5400	6.37 225.00	1.40 35.50	66.3	551
	140x140x38	AS14024UB387BB0	◎	24	1.50	36.00	6000	7.08 250.00	1.69 43.00	68.2	551
	140x140x38	AS14024XB387BB0	◎	24	1.85	44.40	6600	7.68 271.50	2.02 51.00	70.2	551



40x40x56



120x120x38



60x60x25



140x140x51

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

Bearing type: ●=Ball ○=Sleeve ●=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)
AS14051	140x140x51	AS14012LB519B00	○	12	1.80	21.60	2800	6.73 237.50	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	6.73 237.50	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
	140x140x51	AS14048HB519B00	○	48	0.73	35.04	3600	8.97 316.90	0.83 21.20	64.0	710
	140x140x51	AS14048UB519BB0	○	48	1.10	52.80	4300	10.36 366.00	1.16 29.50	66.5	710
AD17251	172x150x51	AD17212DB5151M0(0CW)	○	12	1.65	19.80	3500	7.50 265.00	0.75 19.05	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	0.83	19.92	3500	7.50 265.00	0.75 19.05	58.8	762
	172x150x51	AD17224LB5151M0(0CW)	○	24	1.10	26.40	3900	8.35 295.00	0.89 22.60	60.6	762
	172x150x51	AD17224MB5151M0(0CW)	○	24	1.45	34.80	4300	9.25 327.00	1.07 27.18	64.0	762
	172x150x51	AD17224HB5151M0(0CW)	○	24	1.95	46.80	4800	10.24 362.00	1.33 33.78	65.7	762
	172x150x51	AD17224UB5151M0(0CW)	○	24	2.56	61.44	5300	11.80 417.00	1.69 42.93	67.9	762
	172x150x51	AD17248DB5151M0(0CW)	○	48	0.43	20.64	3500	7.50 265.00	0.75 19.05	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	0.77	36.96	4300	9.25 327.00	1.07 27.18	64.0	762
	172x150x51	AD17248HB5151M0(0CW)	○	48	1.05	50.40	4800	10.24 362.00	1.33 33.78	65.7	762
	172x150x51	AD17248UB5151M0(0CW)	○	48	1.25	60.00	5300	11.80 417.00	1.69 42.93	67.9	762