

# DC fan

Old

New

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

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

## ⑨ GL-Fan type

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

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

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

## ① AD

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

## 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

## ⑨ 00-Randomize



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 ◐=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)
AD3010(T)-5	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	0.11	0.55	10500	0.11	4.00	0.20	5.08	34.0	8
AD3010-5	30x30x10	AD0312DB-G50	○	●	12	0.04	0.42	6000	0.06	2.00	0.06	1.52	19.0	8
	30x30x10	AD0312LB-G50	○	●	12	0.05	0.60	8000	0.08	3.00	0.12	2.92	26.0	8
	30x30x10	AD0312MB-G50	○	●	12	0.06	0.72	9000	0.09	3.30	0.15	3.76	30.0	8
	30x30x10	AD0312HB-G50	○	●	12	0.07	0.84	10500	0.11	4.00	0.20	5.08	34.0	8
AG3010-5	30x30x10	AG03005LX105100	○	●	5	0.07	0.35	6500	0.10	3.46	0.10	2.51	17.5	6.5
	30x30x10	AG03005MX105100	○	●	5	0.11	0.55	8000	0.12	4.34	0.14	3.48	22.3	6.5
	30x30x10	AG03005HX105100	○	●	5	0.13	0.65	9500	0.15	5.45	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
AD3015-5	30x30x15	AD0305LB-D50	○		5	0.06	0.31	4500	0.06	2.20	0.05	1.14	14.0	10
	30x30x15	AD0305MB-D50	○		5	0.07	0.36	5500	0.07	2.60	0.07	1.88	16.0	10
	30x30x15	AD0305HB-D50	○		5	0.12	0.60	7000	0.10	3.70	0.11	2.79	22.5	10
AD3506-7	35x35x06	AD3505LX-K70(X)	○●		5	0.07	0.35	6500	0.10	3.50	0.08	2.03	24.0	7
	35x35x06	AD3505MX-K70(X)	○●		5	0.12	0.60	8000	0.12	4.20	0.10	2.54	33.0	7
	35x35x06	AD3512LX-K70(X)	○●		12	0.05	0.55	6500	0.10	3.50	0.08	2.03	24.0	7
	35x35x06	AD3512MX-K70(X)	○●		12	0.05	0.59	8000	0.12	4.20	0.10	2.54	33.0	7
AD3510(T)-5	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	0.13	0.63	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
AD3510-5	35x35x10	AD3512LB-G50	○	●	12	0.05	0.60	7000	0.14	5.00	0.10	2.54	28.0	9
	35x35x10	AD3512MB-G50	○	●	12	0.06	0.66	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
AG3510-5	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-5	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-5	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	11.18	38.5	38
	38x38x28	AD3812UB-B51GP(TP)	○		12	0.29	3.48	11000	0.35	12.40	0.66	16.76	41.0	38
AD4006-9	40x40x06	AD0405LX-K90(X)	○●		5	0.04	0.20	4800	0.12	4.22	0.05	1.22	22.0	9
	40x40x06	AD0405MX-K90(X)	○●		5	0.07	0.35	5800	0.14	5.10	0.07	1.78	27.6	9
	40x40x06	AD0405HX-K90(X)	○●		5	0.10	0.50	6600	0.16	5.80	0.09	2.29	31.0	9