

# 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

# Blower

■ AB 30mm ~ 120mm / Thickness : min 07mm ~ max 33mm



51x51x15



97x97x33

\*: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)
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	0.11 2.79	23.8	16
	35x35x10	AB3505MB-GA0	◎ ●	5	0.09	0.45	6000	0.03 1.22	0.16 3.96	29.7	16
	35x35x10	AB3505HB-GA0	◎ ●	5	0.15	0.73	7000	0.04 1.45	0.22 5.49	30.5	16
	35x35x10	AB3512MB-GA0	◎ ●	12	0.06	0.74	6000	0.03 1.22	0.16 3.96	29.7	16
	35x35x10	AB3512HB-GA0	◎ ●	12	0.07	0.89	7000	0.04 1.45	0.22 5.49	35.0	16
AB4507	45x45x07	AB4505LB-QA0(S)	○ ●	5	0.07	0.35	4700	0.04 1.42	0.21 5.21	26.4	23
	45x45x07	AB4505MB-QA0(S)	○ ●	5	0.08	0.40	5500	0.05 1.60	0.26 6.68	31.0	23
	45x45x07	AB4505HB-QA0(S)	○ ●	5	0.12	0.60	6200	0.05 1.82	0.31 7.87	34.2	23
	45x45x07	AB4512LB-QA0(S)	○	12	0.04	0.48	4700	0.04 1.42	0.21 5.21	26.4	23
	45x45x07	AB4512MB-QA0(S)	○	12	0.06	0.72	5500	0.05 1.60	0.26 6.68	31.0	23
AB4510	45x45x07	AB4512HB-QA0(S)	○	12	0.07	0.84	6200	0.05 1.82	0.31 7.87	34.2	23
	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
AB5009	45x45x10	AB4512HB-GD0(B)	◎※ ●	12	0.09	1.08	5800	0.08 2.70	0.34 8.64	37.0	26
	50x50x09	AB0505LB-RB1	◎※ ●	5	0.06	0.30	4000	0.06 2.09	0.17 4.32	26.5	28
AB5015	50x50x09	AB0505MB-RB1	◎※ ●	5	0.10	0.50	5000	0.07 2.37	0.31 7.87	34.0	28
	50x50x15	AB05012MX150100	●	12	0.13	1.56	5500	0.14 4.88	0.43 10.92	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	AB05012DB200300	◎	12	0.08	0.96	3700	0.13 4.63	0.34 8.64	25.6	30
	50x50x20	AB05012LB200300	◎	12	0.12	1.44	4200	0.15 5.23	0.45 11.43	30.1	30
	50x50x20	AB05012MB200300	◎	12	0.16	1.92	4700	0.16 5.79	0.54 13.72	33.5	30
	50x50x20	AB05012HB200300	◎	12	0.19	2.28	5200	0.18 6.43	0.73 18.54	36.4	30
	50x50x20	AB05012UB200300	◎	12	0.25	3.00	5700	0.20 7.20	0.89 22.61	39.5	30
AB5115	51x51x15	AB05105LB150300	◎	5	0.08	0.40	3500	0.07 2.38	0.20 5.08	31.6	26
	51x51x15	AB05105MB150300	◎	5	0.14	0.70	4500	0.09 3.33	0.35 8.89	37.1	26