

# 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**

# AC Fan

- AK 172mm ~ 280mm / Thickness : min 51mm ~ max 89mm
- AA 80mm ~ 172mm / Thickness : min 25mm ~ max 51mm



Bearing type: ◎=Ball ※=Sleeve ●=Hypro Bearing

	Frame size (mm)	Model No.	Bearing Type	Volt (VAC)	Freq (Hz)	Current (A)	Power (W)	Rated Speed (RPM)	Maximum AirFlow (CMM) (CFM)	Maximum Pressure (InAq) (mmAq)	*Noise Level (dB/A)	Weight (g)
<b>AA12038 R2</b>	120x120x38	AA1282HB-AWR2T(6N)	◎	230/60	0.07~0.12	8~19.5	1450~2800	2.70 95.00	0.31 7.75	43.6	570	
	120x120x38	AA1281HB-AT(A1CF)	◎※●	115/50	0.27	20.40	2700	2.41 91.20	0.31 8.17	42.6	550	
<b>AA12038(A1CF)</b>	120x120x38	AA1281HB-AT(A1CF)	◎※●	115/60	0.22	17.20	3100	2.75 103.50	0.35 9.07	47.0	550	
	120x120x38	AA1282HB-AT(A1CF)	◎※●	230/50	0.13	20.80	2700	2.41 91.20	0.31 8.17	42.6	550	
	120x120x38	AA1282HB-AT(A1CF)	◎※●	230/60	0.11	17.60	3100	2.75 103.50	0.35 9.07	47.0	550	
	120x120x38	AA1281DB-AT(CF)	◎※●	115/50	0.08	7.00	2300	1.98 70.00	0.13 3.30	39.2	550	
<b>AA12038(CF)</b>	120x120x38	AA1281DB-AT(CF)	◎※●	115/60	0.08	6.60	1700	1.52 53.50	0.06 1.52	30.5	550	
	120x120x38	AA1281LB-AT(CF)	◎※●	115/50	0.12	9.00	2400	2.15 76.00	0.18 4.57	40.1	550	
	120x120x38	AA1281LB-AT(CF)	◎※●	115/60	0.11	8.70	2200	2.02 71.50	0.10 2.54	37.9	550	
	120x120x38	AA1281MB-AT(CF)	◎※●	115/50	0.18	13.80	2600	2.31 81.50	0.24 6.20	41.0	550	
	120x120x38	AA1281MB-AT(CF)	◎※●	115/60	0.15	12.40	2800	2.46 87.00	0.21 5.33	42.0	550	
	120x120x38	AA1281HB-AT(CF)	◎※●	115/50	0.24	17.00	2600	2.41 85.00	0.31 7.90	42.2	550	
	120x120x38	AA1281HB-AT(CF)	◎※●	115/60	0.19	14.00	2900	2.75 97.00	0.35 8.87	44.5	550	
	120x120x38	AA1282DB-AT(CF)	◎※●	230/50	0.04	8.10	2300	1.98 70.00	0.13 3.30	39.2	550	
	120x120x38	AA1282DB-AT(CF)	◎※●	230/60	0.04	7.70	1700	1.52 53.50	0.06 1.52	30.5	550	
	120x120x38	AA1282LB-AT(CF)	◎※●	230/50	0.06	9.80	2400	2.15 76.00	0.18 4.57	40.1	550	
	120x120x38	AA1282LB-AT(CF)	◎※●	230/60	0.05	9.40	2200	2.02 71.50	0.10 2.54	37.9	550	
	120x120x38	AA1282MB-AT(CF)	◎※●	230/50	0.08	13.80	2600	2.31 81.50	0.24 6.20	41.0	550	
	120x120x38	AA1282MB-AT(CF)	◎※●	230/60	0.07	12.50	2800	2.46 87.00	0.21 5.33	42.0	550	
	120x120x38	AA1282HB-AT(CF)	◎※●	230/50	0.11	17.10	2600	2.41 85.00	0.31 7.90	42.2	550	
	120x120x38	AA1282HB-AT(CF)	◎※●	230/60	0.09	14.80	2900	2.75 97.00	0.35 8.87	44.5	550	
	<b>AA12038 UB(CF)</b>	120x120x38	AA1281UB-AT(CF)	◎※●	115/50	0.28	21.20	2400	2.72 96.00	0.24 6.10	46.4	550
120x120x38		AA1281UB-AT(CF)	◎※●	115/60	0.24	19.20	2600	3.03 107.00	0.25 6.35	48.1	550	
120x120x38		AA1282UB-AT(CF)	◎※●	230/50	0.14	17.50	2400	2.72 96.00	0.24 6.10	46.4	550	
<b>AA17251</b>	120x120x38	AA1282UB-AT(CF)	◎※●	230/60	0.12	19.80	2600	3.03 107.00	0.25 6.35	48.1	550	
	172x150x51	AA1751HB-AT	◎	115/50	0.52	40.90	2500	5.55 196.00	0.43 10.80	52.3	930	
	172x150x51	AA1751HB-AT	◎	115/60	0.47	36.70	2800	5.94 210.00	0.27 6.76	53.0	930	
	172x150x51	AA1752HB-AT	◎	230/50	0.26	41.90	2500	5.55 196.00	0.43 10.80	52.3	930	
<b>AK17251(AK165)</b>	172x150x51	AA1752HB-AT	◎	230/60	0.22	37.60	2800	5.94 210.00	0.27 6.76	53.0	930	
	172x150x51	AK1651MB	◎	115/50	0.33	36.80	2400	4.53 160.00	0.34 8.64	53.0	1050	
	172x150x51	AK1651MB	◎	115/60	0.31	34.50	2300	3.96 140.00	0.18 4.57	50.3	1050	
	172x150x51	AK1651HB	◎	115/50	0.55	62.10	2600	4.87 172.00	0.43 11.00	55.5	1050	
	172x150x51	AK1651HB	◎	115/60	0.46	51.80	2700	5.35 189.00	0.41 10.36	57.7	1050	
	172x150x51	AK1652MB	◎	230/50	0.17	36.80	2400	4.53 160.00	0.34 8.64	53.0	1050	
172x150x51	AK1652MB	◎	230/60	0.17	36.80	2300	3.96 140.00	0.18 4.57	50.3	1050		