

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)	
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	
	AG4020	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	
AS4028	40x40x28	AD0424HB-B31	◎	24	0.08	1.92	8100	0.31 10.80	0.27 6.96	36.2	38	
	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	