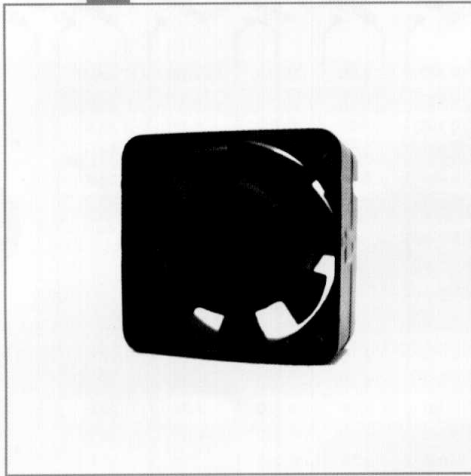




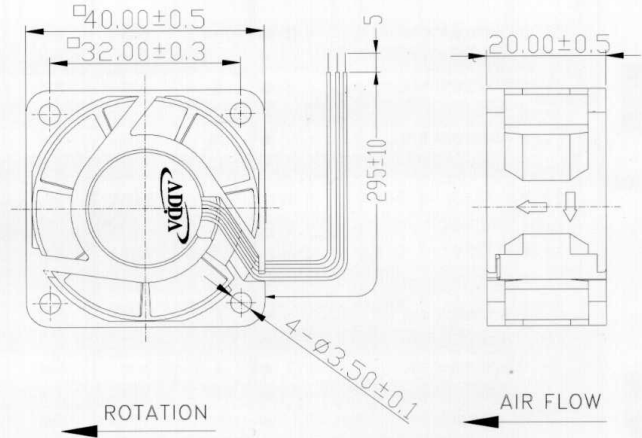
◀ AD4020GP SERIES ▶

DC Fan



Spot cooling.
Apply to PC and server system, etc.

External Dimensions



Frame:Plastic(UL:94v-0)
Impeller:Plastic(UL:94v-0)
Bearing:Ball bearing
Lead wire:UL1007AWG26
VOLTAGE AVAILABLE:12V

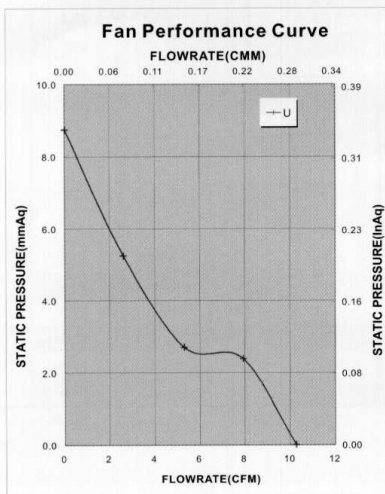
Specifications(Nominal)

*:Noise is measured at the distance of one (1) meter from the axis of intake.

Frame size (mm)	Model No.	Bearing System Type	Rated Voltage (VDC)	Rated Current (A)	Rated Power (W)	Rated Speed (rpm)	Maximum AirFlow		Maximum Pressure		Noise Level (dB/A)	Weight (g)
							(CMM)	(CFM)	(InAq)	(mmAq)		
40x40x20	AD0412UB-C73GP(P)	◎	12	0.2	2.4	8200	0.29	10.2	0.35	8.75	35	24

Bearing type: ◎=Ball※=Sleeve○=1B1S●=Hydro bearing

Specifications subject to change without notice.



*Motor protective circuit and third lead wire functions





0	1	2	3	4	6	7	8	9	A	B
	✓	✓	✓							

*Safety approvals

				✓	



Bearing type: ○=Ball "B" ※=Sleeve "S" ○=1B1S "B(S)" ●=Hydro bearing "X"

PHOTO	Frame size (mm)	Model No.	Bearing Type B S B(S) X	Voltage (VDC)	Current (A)	Power (W)	Speed (rpm)	Maximum AirFlow (CMM)	Maximum AirFlow (CFM)	Maximum Pressure (InAq)	Maximum Pressure (mmAq)	Noise (dB(A))	Weight (g)
	40X40X6	AD0405HB-K90	○ ●	5	0.12	0.60	6600	0.169	6.00	0.090	2.57	30.0	9
		AD0405MB-K90	○ ●	5	0.09	0.45	5500	0.145	5.16	0.073	1.83	23.8	
		AD0405LB-K90	○ ●	5	0.05	0.25	4500	0.119	4.24	0.049	1.23	20.9	
		AD0405HB-K96	◎ ※ ●	5	0.12	0.60	6300	0.164	5.83	0.103	2.57	27.0	
		AD0405MB-K96	◎ ※ ●	5	0.09	0.45	5500	0.145	5.16	0.073	1.83	23.8	
		AD0405LB-K96	◎ ※ ●	5	0.07	0.35	4500	0.119	4.24	0.049	1.23	20.9	
		AD0412HB-K90	○ ●	12	0.08	0.96	6600	0.164	5.83	0.090	2.57	30.0	
		AD0412MB-K90	○ ●	12	0.06	0.72	5500	0.145	5.16	0.073	1.83	23.8	
		AD0412LB-K90	○ ●	12	0.06	0.72	4500	0.119	4.24	0.049	1.23	20.9	
	40X40X10	AD0405HB-G70(T)	◎ ※ ○ ●	5	0.19	0.95	6000	0.189	6.70	0.102	2.54	25.0	24
		AD0405MB-G70(T)	◎ ※ ○ ●	5	0.11	0.55	4800	0.161	5.70	0.078	1.98	20.0	
		AD0405LB-G70(T)	◎ ※ ○ ●	5	0.08	0.40	4200	0.132	4.70	0.061	1.52	14.0	
		AD0412HB-G70(T)	◎ ※ ○ ●	12	0.10	1.20	6000	0.189	6.70	0.100	2.54	25.0	
		AD0412MB-G70(T)	◎ ※ ○ ●	12	0.08	0.96	4800	0.161	5.70	0.079	1.98	20.0	
		AD0412LB-G70(T)	◎ ※ ○ ●	12	0.07	0.84	4200	0.132	4.70	0.061	1.52	14.0	
		AD0424HB-G70(T)	◎ ※ ○ ●	24	0.09	2.16	6000	0.189	6.70	0.102	2.54	25.0	
		AD0424MB-G70(T)	◎ ※ ○ ●	24	0.08	1.92	4800	0.161	5.70	0.079	1.98	20.0	
		AD0424LB-G70(T)	◎ ※ ○ ●	24	0.07	1.68	4200	0.132	4.70	0.061	1.52	14.0	
	40X40X15	AD0412HB-D50	◎ ○ ●	12	0.12	1.44	8000	0.240	8.53	0.249	6.23	39.3	27
		AD0412MB-D50	◎ ○ ●	12	0.10	1.20	7000	0.208	7.40	0.185	4.63	31.8	
		AD0412LB-D50	◎ ○ ●	12	0.08	0.96	6000	0.179	6.37	0.142	3.55	30.3	
		AD0412HB-D52	◎ ○ ●	12	0.15	1.80	8000	0.240	8.53	0.249	6.23	39.3	
		AD0412MB-D52	◎ ○ ●	12	0.12	1.44	7000	0.208	7.40	0.185	4.63	31.8	
		AD0412LB-D52	◎ ○ ●	12	0.10	1.20	6000	0.179	6.37	0.142	3.55	30.3	
	40X40X20	AD0405DB-C50	◎ ※ ●	5	0.12	0.60	4200	0.138	4.90	0.080	2.00	16.5	28
		AD0405HB-C50	◎ ※ ●	5	0.29	1.45	7800	0.253	8.97	0.300	7.49	31.9	
		AD0405MB-C50	◎ ※ ●	5	0.16	0.80	6500	0.211	7.50	0.246	6.15	28.4	
		AD0405LB-C50	◎ ※ ●	5	0.14	0.70	6000	0.020	0.70	0.188	4.71	23.9	
		AD0412DB-C50	◎ ※ ●	12	0.05	0.60	4200	0.138	4.90	0.080	2.00	16.5	
		AD0412UB-C50	◎ ※ ●	12	0.14	1.68	8500	0.270	9.60	0.331	8.27	36.1	
		AD0412HB-C50	◎ ※ ●	12	0.10	1.20	7800	0.253	8.97	0.300	7.49	31.9	
		AD0412MB-C50	◎ ※ ●	12	0.08	0.96	6900	0.219	7.78	0.246	6.15	28.5	
		AD0412LB-C50	◎ ※ ●	12	0.07	0.84	6200	0.197	6.99	0.188	4.71	25.0	
		AD0424HB-C50	◎ ※ ●	24	0.09	2.16	7800	0.253	8.97	0.300	7.49	31.9	
		AD0424MB-C50	◎ ※ ●	24	0.07	1.68	6900	0.219	7.78	0.246	6.15	28.5	
		AD0424LB-C50	◎ ※ ●	24	0.06	1.44	6200	0.197	6.99	0.188	4.71	25.0	

Specifications subject to change without notice.





Bearing type: ⊙=Ball "B" ※=Sleeve "S" ○=1B1S "B(S)" ●=Hypro bearing "X"

DC Fan

PHOTO

Frame size (mm)

Model No. Bearing Type B S B(S) X

Voltage (VDC)

Current (A)

Power (W)

Speed (rpm)

(CMM)

(CFM)

(InAq)

(mmAq)

Noise (dB/A)

Weight (g)



40x40x28

AD0412UB-B31	⊙	12	0.23	2.76	10000	0.380	13.50	0.470	11.99	42.5
AD0412HB-B31	⊙	12	0.22	2.64	9000	0.342	12.13	0.345	9.77	38.8
AD0412MB-B31	⊙ ※	12	0.18	2.16	7500	0.270	9.60	0.220	5.81	36.5
AD0412DB-B31	⊙ ※	12	0.07	0.84	4500	0.166	5.90	0.094	2.34	19.2
AD0424UB-B31	⊙ ※	24	0.23	5.52	13000	0.485	17.22	0.740	18.83	49.7
AD0424HB-B31	⊙ ※	24	0.12	2.88	9000	0.304	10.80	0.274	9.77	36.2

38



45x45x06

AD4505LB-K90(S)	○	5	0.10	0.50	4500	0.169	5.98	0.059	1.47	23.3
AD4505MB-K90(S)	○	5	0.12	0.45	5500	0.204	7.20	0.084	2.10	26.5
AD4505HB-K90(S)	○	5	0.14	0.70	6200	0.269	9.50	0.110	2.69	33.0
AD4505LX-K90	●	5	0.10	0.50	4300	0.175	6.20	0.059	1.48	23.0
AD4505MX-K90	●	5	0.12	0.45	5000	0.201	7.10	0.084	2.10	25.5
AD4505HX-K90	●	5	0.14	0.70	6000	0.260	9.20	0.108	2.69	32.6
AD4512LB-K90(S)	○	12	0.08	0.96	4500	0.184	6.50	0.059	1.47	23.3
AD4512MB-K90(S)	○	12	0.09	1.08	5500	0.204	7.20	0.084	2.10	26.5
AD4512HB-K90(S)	○	12	0.10	1.20	6200	0.240	8.50	0.108	2.69	33.0
AD4512LX-K90	●	12	0.08	0.96	4300	0.175	6.20	0.059	1.48	23.0
AD4512MX-K90	●	12	0.09	1.08	5000	0.204	7.20	0.084	2.10	25.5
AD4512HX-K90	●	12	0.10	1.20	6000	0.260	9.21	0.108	2.69	32.6

11



45x45x10

AD4505HB-G70	⊙ ※ ○ ●	5	0.20	1.00	5500	0.244	8.67	0.103	2.57	27.4
AD4505MB-G70	⊙ ※ ○ ●	5	0.18	0.90	4500	0.197	7.01	0.072	1.79	22.0
AD4505LB-G70	⊙ ※ ○ ●	5	0.08	0.40	3800	0.164	5.82	0.054	1.36	17.5
AD4512HB-G70	⊙ ※ ○ ●	12	0.09	1.08	5500	0.244	8.67	0.103	2.57	27.4
AD4512MB-G70	⊙ ※ ○ ●	12	0.07	0.84	4500	0.197	7.01	0.072	1.79	22.0
AD4512LB-G70	⊙ ※ ○ ●	12	0.06	0.72	3800	0.164	5.82	0.054	1.36	17.5
AD4524HB-G70	⊙ ※ ○ ●	24	0.10	2.40	5500	0.244	8.67	0.103	2.57	27.4
AD4524MB-G70	⊙ ※ ○ ●	24	0.09	2.16	4500	0.197	7.01	0.072	1.79	22.0
AD4524LB-G70	⊙ ※ ○ ●	24	0.08	1.92	3800	0.164	5.82	0.054	1.36	17.5

24



50x50x10

AD0505HB-G70(T)	⊙ ※ ○ ●	5	0.23	1.15	5000	0.334	11.80	0.091	2.31	26.0
AD0505LB-G70(T)	⊙ ※ ○ ●	5	0.12	0.60	3700	0.170	6.00	0.042	1.07	20.0
AD0505MB-G70(T)	⊙ ※ ○ ●	5	0.18	0.90	4300	0.297	10.50	0.057	1.45	24.0
AD0512HB-G70(T)	⊙ ※ ○ ●	12	0.15	1.08	5000	0.317	11.20	0.091	2.31	26.0
AD0512LB-G70(T)	⊙ ※ ○ ●	12	0.10	1.20	3700	0.255	9.00	0.042	1.07	20.0
AD0512MB-G70(T)	⊙ ※ ○ ●	12	0.12	1.44	4300	0.255	9.00	0.057	1.45	24.0
AD0524HB-G70(T)	⊙ ※ ○ ●	24	0.11	2.64	5000	0.317	11.20	0.091	2.31	26.0
AD0524LB-G70(T)	⊙ ※ ○ ●	24	0.09	2.16	3700	0.255	9.00	0.042	1.07	20.0
AD0524MB-G70(T)	⊙ ※ ○ ●	24	0.10	2.40	4300	0.283	10.00	0.057	1.45	24.0

18



50x50x15

AD5005HB-D70	⊙ ※ ●	5	0.35	1.75	4800	0.402	14.20	0.146	3.64	30.9
AD5012LX-D70	⊙ ※ ●	12	0.08	0.96	3600	0.312	11.00	0.092	2.29	22.7
AD5012MX-D70	⊙ ※ ●	12	0.10	1.20	4300	0.374	13.20	0.110	2.76	29.0
AD5012HX-D70	⊙ ※ ●	12	0.14	1.68	4800	0.402	14.20	0.146	3.64	30.9
AD5012LUX-D70	⊙ ※ ●	12	0.20	2.40	5500	0.484	17.10	0.197	4.93	33.8

55

(mm) Frame size	Model No.	B S B(S) X Bearing Type	(VDC) Voltage	(A) Current	(W) Power	(rpm) Speed	(CMM) Maximum AirFlow	(CFM) Maximum AirFlow	(InAq) Maximum Pressure	(mmAq) Maximum Pressure	(dB/A) Noise	(g) Weight
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Specifications subject to change without notice.

