The ADDA New Product Line

GP series
AD3828GP~
AD12038GP

GP series—Great Performance Axial fan

New design for higher airflow & low noise application.
提供更高風量、低噪音設計 應用

DS series
AD3828DS~
AD9238DS

DS series– Dynamic/Static structure Axial fan

New design for higher static pressure, 1 stage structure design
更高靜壓、複合式動/靜翼 單/雙馬達設計

AB series
AB6015~
AB12032

Blower/ Centrifuge Series

New design for higher efficiency turbinate frame in higher airflow and low noise application.
提供更高風量、低噪音設計 應用

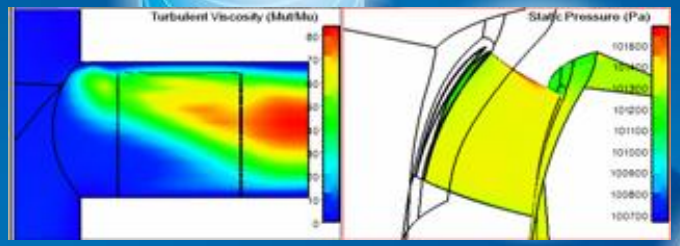
AS series
AS6076~
AS12038

Twin motors of Dynamic/Static series

Twin motors turbine fan
更高靜壓、雙馬達動靜翼設計

http://www.adda.com.tw

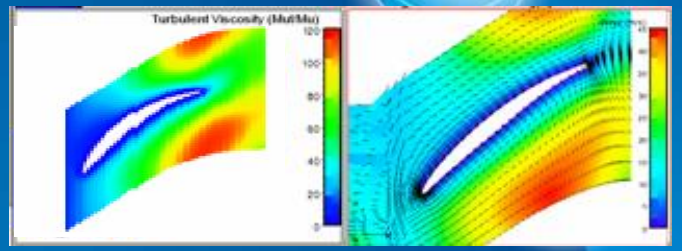
GP series



GP series
AD3828GP~
AD12038GP

GP series—Great Performance Axial fan

Higher performance in airflow & low noise application.
提供更高風量、低噪音設計 應用



High efficiency
高性能

Using the new motor structure and the optimum blade design for higher performance in low noise.
採用全新馬達架構、葉形最佳化與外框流道設計提高風量、靜壓 與 低噪音設計

High reliability
高壽命

High temperature/ stronger component design: approved by 90ºC environment operation test.
採用耐高溫元件，高效率馬達設計，產品通過**90ºC**高耐溫測試

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GP:p1

	Model series (fan size)	Model P/N#	Bearing type	Speed (RPM)	Air flow (CFM)	Back pressure Inch-H20	Acoustic (dB/A)	Mockup availability	Est. mass production
	AD3828GP (12V)	AD3812MB-B51GP	2 Ball	7000	7.5	0.268	28.5	OK 2008	OK 2008
		AD3812MB-B51GP		9000	10	0.44	36.5		
		AD3812MB-B51GP		11000	12.4	0.66	41		
	AD4020GP (12V)	AD0412UB-C73GP(P)	2 Ball	8200	11	0.4	33	OK 2008	OK 2008
		AD0412HB-C73GP(P)		7200	9.4	0.32	30		
		AD0412MB-C73GP(P)		6200	8	0.23	26		
		AD0412LB-C73GP(P)		5000	6.4	0.15	19		
	AD4028GP (12V)	AD0412VB-B53GP	2 Ball	15000	21.0	1.16	53.0	OK 2008	OK 2008
		AD0412XB-B53GP		13000	19.0	0.88	49.0		
		AD0412UB-B53GP		11000	16.0	0.64	45.0		
		AD0412HB-B53GP		9000	13.0	0.42	41.0		
		AD0412MB-B53GP		8000	11.0	0.34	36.0		
	AD5020	AD5012HX-C50(T)	Hypro	6300	17.19	0.2028	38.2	OK	OK
		AD5012HB-C50(T)	2 Ball	6300	17.38	0.2044	38.9	2008	2008
	AD6013 (60x60x13)	AD0612UB-H9*	Ball	5800	28.8	0.305	42	OK	OK
	AD7020-9	AD0712UB-C9*	Ball	4200	36.7	0.2022	36	2008 Jun OK	2008 Aug PP
	AD7020-7	AD0712UB-C7*	Ball	4300	34.5	0.1977	37	2008 Sep	2008 Oct. PP
	AD7025GP (70×70*25)	AD0712U*-A7*GP	Ball	5000	49.7	0.38	44	OK	OK
		AD0712H*-A7*GP		4700	46.9	0.3	43		
		AD0712M*-A7*GP		4200	42	0.222	40.6		
		AD0712L*-A7*GP		3700	37.3	0.178	36.8		

Specifications subject to change without notice

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GP:p2

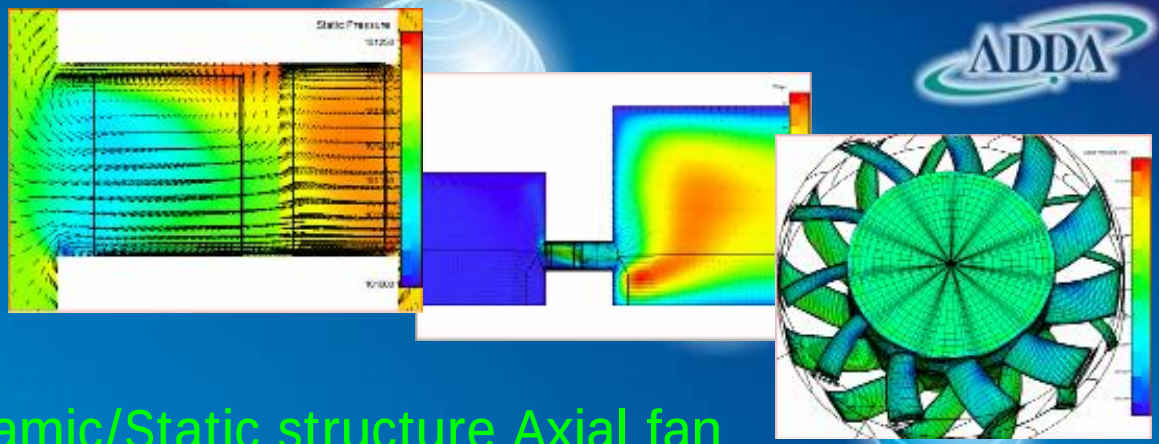
	Model series (fan size)	Model P/N#	Bearing type	Speed (RPM)	Air flow (CFM)	Back pressure Inch-H20	Acoustic (dB/A)	Mockup availability	Est. mass production
	AG8020 (80×80*20)	AG0812UB-C7*	Ball	3900	39	0.293	41	2008 Jul	2008 Sep
	AG8025 (80×80*25)	AG08012XB257600	BALL	4500	56.5	0.371	46	OK	OK
		AG08012UB257600	BALL	3600	42.9	0.223	39		
		AG08012HB257600		3000	36	0.171	34.7		
		AG08012MB257600		2500	29.7	0.121	29.1		
		AG08012LB257600		2000	23.4	0.071	22.2		
		AG08012DB257600		1500	17.2	0.043	15.8		
		AG08012UX257600	Hypro	3600	42.9	0.223	39	OK	OK
		AG08012HX257600		3000	36	0.171	34.7		
		AG08012MX257600		2500	29.7	0.121	29.1		
		AG08012LX257600		2000	23.4	0.071	22.2		
		AG08012DX257600		1500	17.2	0.043	15.8		
		AG08012US257600	SLEEVE	3600	42.9	0.223	39	OK	OK
		AG08012HS257600		3000	36	0.171	34.7		
		AG08012MS257600		2500	29.7	0.121	29.1		
		AG08012LS257600		2000	23.4	0.071	22.2		
		AG08012DS257600		1500	17.2	0.043	15.8		
	AD8025GP (80x80x25)	AD0812VB-A7*GP	Ball	5000	72	0.36	49	OK	OK
		AD0812XB-A7*GP		4500	67	0.3	46		
		AD0812UB-A7*GP		4000	56	0.25	43.5		
	AD8015GP (80x80x15)	AD0812XB-D9*GP	2 Ball	4000	46	0.2	44	OK	OK
		AD0812UB-D9*GP		3500	40.5	0.16	40.5		
		AD0812HB-D9*GP		3000	35	0.12	36		
		AD0812MB-D9*GP		2500	28.5	0.08	30		
		AD0812LB-D9*GP		2000	23	0.05	23.5		
		AD0812XX-D9*GP	Hypro	4000	46	0.2	44	OK	OK
		AD0812UX-D9*GP		3500	40.5	0.16	40.5		
		AD0812HX-D9*GP		3000	35	0.12	36		
		AD0812MX-D9*GP		2500	28.5	0.08	30		
		AD0812LX-D9*GP		2000	23	0.05	23.5		
		AD0812XS-D9*GP	SLEEVE	4000	46	0.2	44	OK	OK
		AD0812US-D9*GP		3500	40.5	0.16	40.5		
		AD0812HS-D9*GP		3000	35	0.12	36		
		AD0812MS-D9*GP		2500	28.5	0.08	30		
		AD0812LS-D9*GP		2000	23	0.05	23.5		

GP:p3

	Model series (fan size)	Model P/N#	Bearing type	Speed (RPM)	Air flow (CFM)	Back pressure Inch-H20	Acoustic (dB/A)	Mockup availability	Est. mass production
	AD9225GP (92x92x25)	AD0924XB-A7*GP	2 Ball	4000	83.5	0.28	48	OK	OK
		AD0924UB-A7*GP		3500	72	0.23	44		
	AD9238GP (92x92x38)	AD0912VB-F9*GP	2 Ball	6000	148	0.85	63	OK	OK
		AD0912XB-F9*GP		5400	130	0.67	59.5		
		AD0912UB-F9*GP		4800	115	0.53	56.5		
		AD0912HB-F9*GP		4400	105	0.45	53		
	AD9238GP (92x92x38)	AD0924XB-F9*GP	2 Ball	5400	130	0.67	59.5		
		AD0924UB-F9*GP		4800	115	0.53	56.5		
		AD0924HB-F9*GP		4400	105	0.45	53		
	AD9238GP (92x92x38)	AD0948XB-F9*GP	2 Ball	5400	130	0.67	59.5		
		AD0948UB-F9*GP		4800	115	0.53	56.5		
		AD0948HB-F9*GP		4400	105	0.45	53		
	AD12038GP (12V)	AD1212DB-F9*GP	2 Ball	2800	130	0.29	48.5	OK 2008	OK 2008
		AD1212LB-F9*GP		3200	150	0.38	52.5		
		AD1212MB-F9*GP		3800	175	0.51	57.5		
		AD1212HB-F9*GP		4300	200	0.64	61		
	AD12038GP (24V)	AD1224DB-F9*GP	2 Ball	2800	130	0.29	48.5	OK 2008	OK 2008
		AD1224LB-F9*GP		3200	150	0.38	52.5		
		AD1224MB-F9*GP		3800	175	0.51	57.5		
		AD1224HB-F9*GP		4300	200	0.64	61		
		AD1224UB-F9*GP		4700	220	0.75	63		
	AD12038GP (48V)	AD1248DB-F9*GP	2 Ball	2800	130	0.29	48.5	OK 2008	OK 2008
		AD1248LB-F9*GP		3200	150	0.38	52.5		
		AD1248MB-F9*GP		3800	175	0.51	57.5		
		AD1248HB-F9*GP		4300	200	0.64	61		
		AD1248UB-F9*GP		4700	220	0.75	63		

Specifications subject to change without notice

DS series



DS series
AD3828DS~
AD9238DS

DS series– Dynamic/Static structure Axial fan

High performance for static pressure ,
1 stage* / twin motors design
更高靜壓、複合式動/靜翼 單/雙馬達設計

***1 stage: 1 rotor+1 stator blades combine in a frame**

High efficiency
高性能

Motor: Low power consumption design motor/ Blade:
1stage/ twin motor design for more static pressure.
馬達：採用全新低耗能馬達架構/ 葉型：動靜翼葉形最佳化設計外框流道設計

High reliability
高壽命

High temperature/ stronger component design:
approved by 90ºC environment application test.
採用耐高溫元件，高效率馬達設計，產品通過**90ºC**高耐溫測試符合
Server等級與高靜壓需求應用市場

DS:p1

	Model series (fan size)	Model P/N#	Bearing type	Speed (RPM)	Air flow (CFM)	Back pressure Inch-H20	Acoustic (dB/A)	Mockup availability	Est. mass production
	AD3828DS (12V)	AD3812VB-B5BDS	2 Ball	15000	20	1.68	54	OK 2008	OK 2008
		AD3812XB-B5BDS		13000	17.5	1.29	52		
		AD3812UB-B5BDS		11000	13.2	0.76	45.5		
	AD4028DS(HFP) (12V)	AD0412VB-B5BDS(HFP)	2 Ball	2800	130	0.29	48.5	OK 2008	OK 2008
		AD0412XB-B5BDS(HFP)		3200	150	0.38	52.5		
		AD0412UB-B5BDS(HFP)		3800	175	0.51	57.5		
		AD0412HB-B5BDS(HFP)		4300	200	0.64	61		
	AD4028DS (12V)	AD0412VB-B5BDS(P)	2 Ball	16000	25.7	2	59	OK 2008	OK 2008
		AD0412XB-B5BDS(P)		15000	24.0	1.87	57		
		AD0412UB-B5BDS(P)		13000	21.0	1.4	54		
	AD4048DS	AD0412XB-N5BDS(48P)	2 Ball	In:14000/ Out:11000	27	1.41	60.5	OK 2008	OK 2008
		AD0412UB-N5BDS(48P)		In:12800/ Out:12000	25.2	1.2	59		
	AD6038DS (60×60*38)	AD0612UB-F7*DS	Ball	10000	61	1.56	63.6	OK	OK
		AD0612HB-F7*DS		8000	48	0.98	58		
		AD0612MB-F7*DS		6000	36	0.56	49.8		
	AD7038DS (70×70*38)	AD0712U*-F7*DS	Ball	6500	60.3	0.668	57.6	OK	OK

Specifications subject to change without notice

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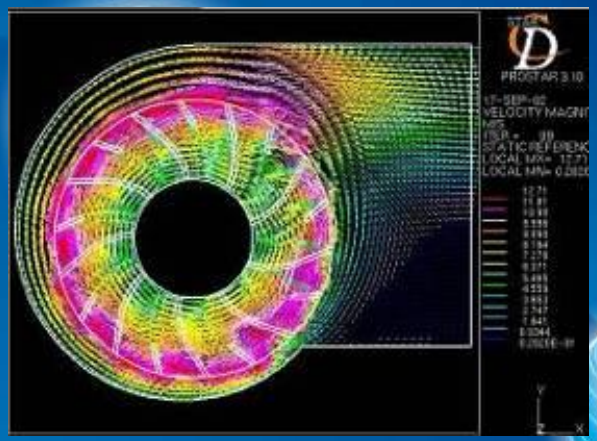
DS:p2

	Model series (fan size)	Model P/N#	Bearing type	Speed (RPM)	Air flow (CFM)	Back pressure Inch-H20	Acoustic (dB/A)	Mockup availability	Est. mass production
	AD8038DS (80x80x38)	AD0812VB-F7*DS	Ball	7000	110	1.05	60.5	OK	OK
		AD0812XB-F7*DS		6200	97	0.8	57		
		AD0812UB-F7*DS		5500	88	0.66	55		
		AD0812HB-F7*DS		4800	75	0.49	50.5		
		AD0824XB-F7*DS		6200	97	0.8	57		
		AD0824UB-F7*DS		5500	88	0.66	55		
		AD0824HB-F7*DS		4800	75	0.49	50.5		
		AD0848XB-F7*DS		6200	97	0.8	57		
		AD0848UB-F7*DS		5500	88	0.66	55		
		AD0848HB-F7*DS		4800	75	0.49	50.5		
	AD9238DS (92x92x38)	AD0912VB-F9*DS	Ball	6000	149	0.93	62	OK	OK
		AD0912XB-F9*DS		5400	135	0.74	58.5		
		AD0912UB-F9*DS		4800	118	0.59	55		
		AD0912HB-F9*DS		4400	108	0.5	52.5		
		AD0924XB-F9*DS		5400	135	0.74	58.5		
		AD0924UB-F9*DS		4800	118	0.59	55		
		AD0924HB-F9*DS		4400	108	0.5	52.5		
		AD0948XB-F9*DS		5400	135	0.74	58.5		
		AD0948UB-F9*DS		4800	118	0.59	55		
		AD0948HB-F9*DS		4400	108	0.5	52.5		

Specifications subject to change without notice

AB series



AB series
AB6015~
AB12032

Blower/ Centrifuge Series

High efficiency turbinate design to provide better application in high airflow & low noise environment.
高效率蝸道設計提供更高風量、低噪音設計 應用

High efficiency
高性能

Using the new motor structure , turbinate frame and the optimum rotor design for higher performance in low noise.
採用全新馬達架構、葉形最佳化與外框流道設計提高風量、靜壓 與 低噪音設計

High reliability
高壽命

Using high temperature/ stronger component design: approved by 90ºC environment application test.
採用耐高溫元件，高效率馬達設計，產品通過**90ºC**高耐溫測試與高靜壓需求應用市場





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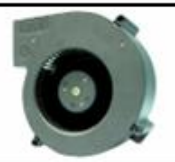
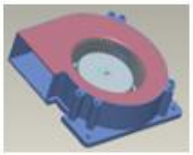
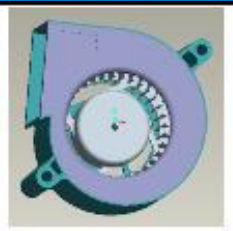
AB:p1

Specifications subject to change without notice

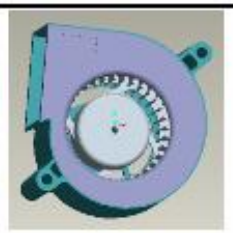
	Model series (fan size)	Model P/N#	Bearing type	Speed (RPM)	Air flow (CFM)	Back pressure Inch-H20	Acoustic (dB/A)	Mockup availability	Est. mass production
	AB6015 60x60x15mm	AB0612UB-D03(KJ1)	Ball	3800	8.26	0.90854	47.2		OK
	AB7025 70x70x25mm	AB07012UB250300	Ball	3600	10.89	0.95	38.7		OK
	NEW AB7530 (75×75×30)	AB7512UB-W0*	Ball	4500	18.5	1.02	49.1		OK
		AB7512HB-W0*		3900	15.9	0.77	45.4		
		AB7512MB-W0*		3400	13.8	0.56	41.7		
		AB7512LB-W0*		2800	11.4	0.35	37.6		
		AB7512DB-W0*		2200	8.9	0.2	28.7		
	AB9733 97x97x33mm	AB09712XB330B00	Ball	5500	44.33	2.92	62		OK
	AB12032 120x120x32mm	AB1210MF-X02(F24A)	FDB	2600	29.79	1.17	47.5		OK
	AB10535 105x105x35mm	AB1010MF-X02	FDB	1800	19.48	0.58	44		OK
	AB12032 (120×120×32)	AB12032 24V	Ball	2800	41.1	1.5	53.7	OK	2008 Q4
		AB12032 12V		2800	41.1	1.5	53.7		

AB:p2



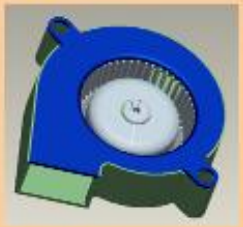
double inlet

Model series	braring system	Est. Mockup	Tooling	MPP	MP	performance
AB-4520	2BB (O)	end of July				



double inlet

Model series	braring system	Est. Mockup	Tooling	MPP	MP	performance
AB-4540	2BB (O)	end of July				



Single inlet

Model series	braring system	Est. Mockup	Tooling	MPP	MP	performance
AB-5015	2BB (O)	end of July				

Specifications subject to change without notice

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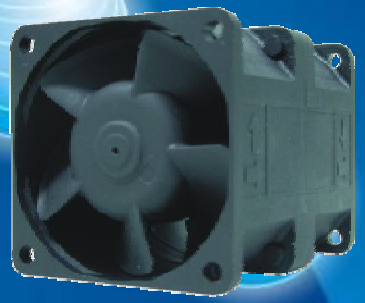
AS series

AS series
AS6076~
AS12038

Twin motors of Dynamic/Static series

Twin motor turbine fan

更高靜壓、雙馬達動靜翼設計



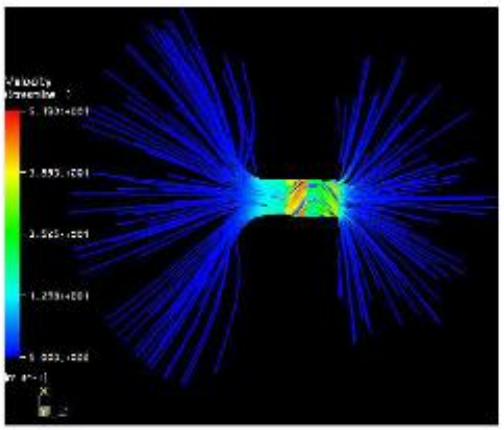
High efficiency
高性能

New design for 8 poles motor constitution & the optimum twin motors with blades for low power & energy-efficiency.
採用全新八極馬達架構、葉形最佳化雙馬達設計，提高風量、靜壓 與 低功率消耗之節能設計

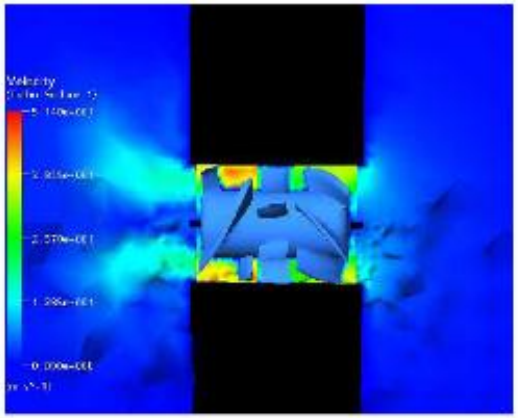
High reliability
高壽命

New design for High temperature / stronger components– the product is adoption of 90ºC environment application.
採用耐高溫元件，高效率馬達設計，產品通過90ºC高耐溫測試與高靜壓需求應用市場

ADDA-1.
Streamline occurs at maximum flow rate



ADDA-1.
Turbo surface occurs at maximum flow rate



AS:p1

	Model series (fan size)	Model P/N#	Bearing type	Speed (RPM)	Air flow (CFM)	Back pressure Inch-H20	Acoustic (dB/A)	Mockup availability	Est. mass production
	AS06076 (60x 60x 76)	AS06012HB765300	BALL	INLET 11000 OUTLET 13000	81.07	2.44	67.9	Yes	May. 2008
	AS08076 (80x 80x 76)	AS08012HB765300	BALL	INLET 8500 OUTLET 10000	160.69	2.717	未測	Yes	Aug. 2008

Specifications subject to change without notice

For more info.

Thank you!!

For more info.
please contact:

ADDA USA, CORP.
1150 W. CENTRAL AVE. SUITE C
BREA, CA. 92821
V: 714-674-7920
F: 714-257-7486
WWW.ADDAUSA.COM
SALES@ADDAUSA.COM

http://www.adda.com.tw