	SPECIFICATION FOR APPROVAL
	ODELNO.: AS08024HB385BB2 P.S. (05NS) ESCRIPTION: IP68
SI	PEC NO. : SA-0120161230005
IS	SUE DATE : 2020.01.13
R	EVISION : A01
	THIS OFFER IS MADE ACCORDING TO YOUR CURRENT INQUIRY. UNLESS OTHERWISE REVISED, THIS SPECIFICATION WILL BE FINAL FOR ALL FUTURE PRODUCTION OF ORDERS FROM YOUR RESPECTED COMPANY
	KINDLY STUDY IN DETAILS AND RETURN TO US THE DUPLICATE DULY SIGNED AS YOUR CONFIRMATION OF SAME.
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Revised Record					
Rev.	Revision Description	Change page	Date		
A00	Preliminary		2017.01.11		
A01	追加 5.7/ 5.8/ 10.11說明	3/6 4/6	2020.01.13		
	浅股份方				
	常田孫虎司				
	2020.01.13				
	旅仁音				
	资17 早				

<u>DATA-SHEET</u>

Engineering

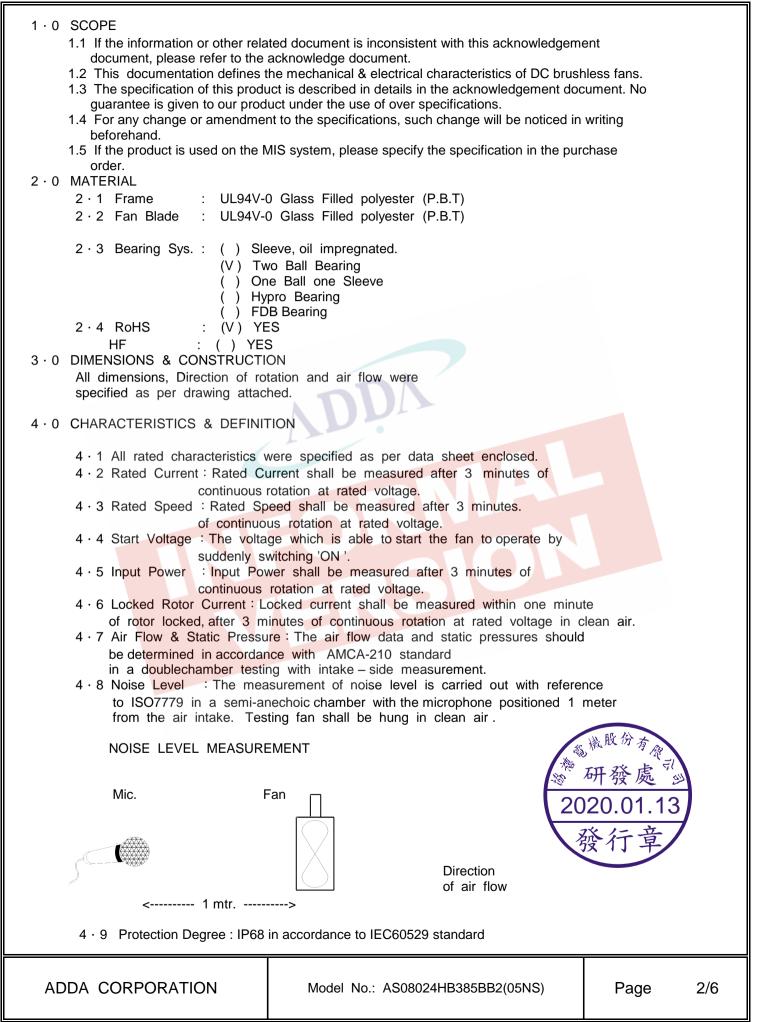
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Printed On:
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2020/1/13

BRUSHLESS AXIAL COOLING FANS

Customer	:	Ref: (RoHS)				
Adda Model No	: AS08024HB385BB2(05NS)					
Samples attached	: Piece(s),					
Safety Approval	: UL,CUL,TUV,CE TUV:EN 60950-1:2006	+A11+A1+A12				
	UL:UL507 CE:EN 61000-6-1:2007	7				
	EN 61000-6-3:2007+A					
Specifications						
	PECIFICATION / CONDITION					
DIMENSIONS	: 80x80x38 mm					
BEARING TYPE	: BALL					
RATED VOLTAGE	: 24 VDC					
OPERATING VOLTAGE RANGE	: 22.8 VDC – 25.2 VDC					
OPERATING DUTY CYCLE RANGE	: 30% ~ 100%					
START-UP DUTY CYCLE	: 30% Max (AT RATED VOLTAGE)					
REAL CURRENT	: 1.88 Amp					
REAL POWER	: 45.12 Watt					
RATED CURRENT	: 2.50 Amp + 10 %MAX					
RATED POWER	: 60.00 Watt					
RATED SPEED	: 13500 RPM ± 10 %					
	: 0 RPM (Duty cycle 0%	,)				
	(IN FREE AIR AT RATED VOLTAGE)					
AIR FLOW	: 135.788 CFM (min.: 122.209 CFM)	6				
AIR FLOW	: 3.842 CMM (min.: 3.457 CMM)					
	(IN FREE AIR AT RATED VOLTAGE)					
STATIC AIR PRE <mark>SSURE</mark>	: 3.937 Inch H ₂ O (min.: 3.188 Inch H ₂ O)					
STATIC AIR PRES <mark>SURE</mark>	: 99.999 mm H ₂ O (min.: 80.999 mm H ₂ O)					
	(IN FREE AIR AT RATED VOLTAGE)					
NOISE LEVEL	[:] 73.1 dB (A) (max.: 77.1 dB(A))					
MOTOR PROTECTION	: BY IC					
POLARITY PROTECTION	: YES					
CONNECTION LEAD TYPE	: WIRE, AWG# 24					
LIFE EXPECTANCY	: 70000 Hours at 40° C / 65%					
NET WEIGHT	: 225 Gram.					
PACKING	: 96 pcs. Per Export Carton.					
	藏藏股份方	T R.				
Unless otherwise stated, the relative humi	dity is 65%, and the temperature is 25°C 研發度	「ジー				
for the standard testing						
Should you have any doubt, please refer to the environmental conditions specified in the						
acknowledgement document. 發行章						
ADDA CORPORATION	Model No.: AS08024HB385BB2(05NS)	Page 1/6				
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SPECIFICATION



SPECIFICATION

5.0 MECHANICAL INSPECTION

5.1 Rotation Direction

Counterclockwise when look into impeller side.

5.2 Protection

All fans have integrated protection against locked rotor condition so that there will be no damage to winding or any electronic component. Restarting is automatic as soon as any constraint to rotation has been released. As fan placed at dead angle position, and the switch was changed from off to on. Restarting was automatic normal as soon as and proved that this fan is good fan.

5.3 Locked Rotor Protection

No damage shall be found after 72 hours continuously at condition of rotation locked. Restarting is automatic as soon as constraint to running has been released.

- 5.4 Avoid the damage, check the correct voltage and proper polarity before connecting with power.
- 5.5 Free Drop Shock

In minimum package condition, the fan should withstand drops on any three faces from a height of 30cm onto a wood board of 10mm thick.

- 5.6 Please do not stick a grease and/or an oil to the fan housing or blade which may have a harmful influence by a chemical reaction at high humidity.
- 5.7 If the fan is reinstalled, please pay special attention to the noise due to the vibration (or resonance).
- 5.8 During the testing of the fan, please make sure the finger guard is used for safety

6.0 ELECTRICAL INSPECTION

- 6.1 Insulation Resistance Not less than 10M ohm between housing and positive end of lead wire (red) at 500V DC.
- 6.2 Dielectric Strength

No damage should be found at 500 VAC for 60 seconds, measured with 5mA trip current between housing and positive end of lead wire.

6.3 Life Expectancy

The continuous duty life at given temperature after which, 90% of testing units shall still be running.

7.0 ENVIRONMENTAL

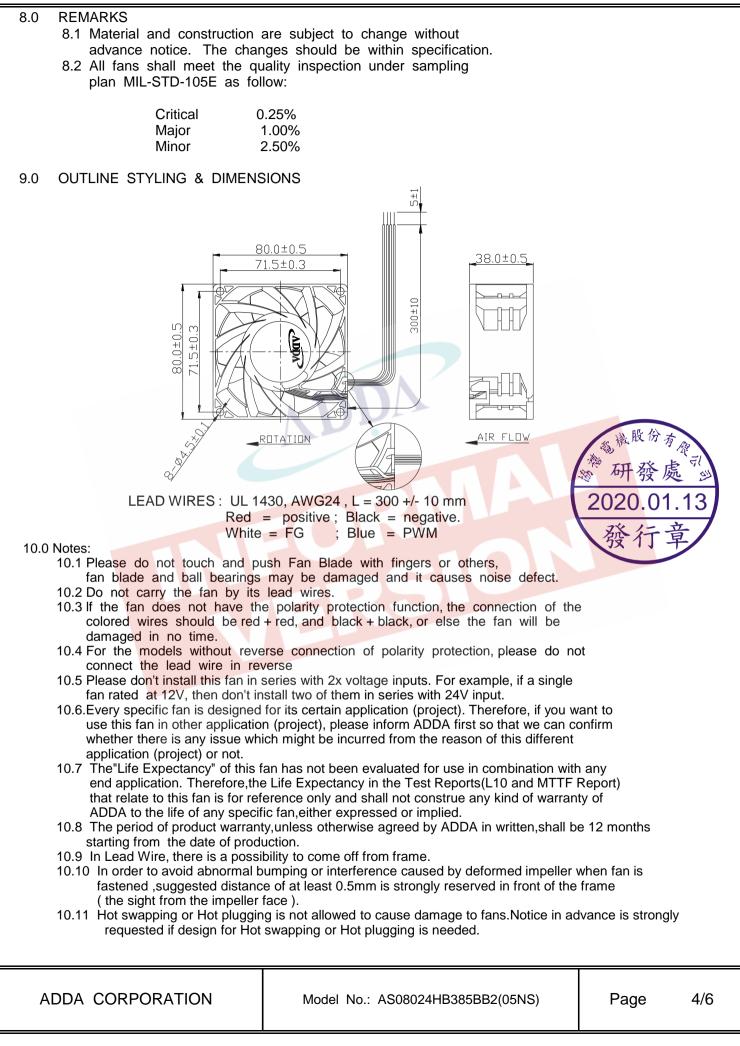
- 7.1 Operating Temperature / Humidity -10° C to $+70^{\circ}$ C at humidity 100% RH.
- 7.2 Storage Temperature

All function shall be normal after 500 hours storage at -40° C to $+70^{\circ}$ C with a 24 hour recovery period at room temperature.

7.3 Humidity

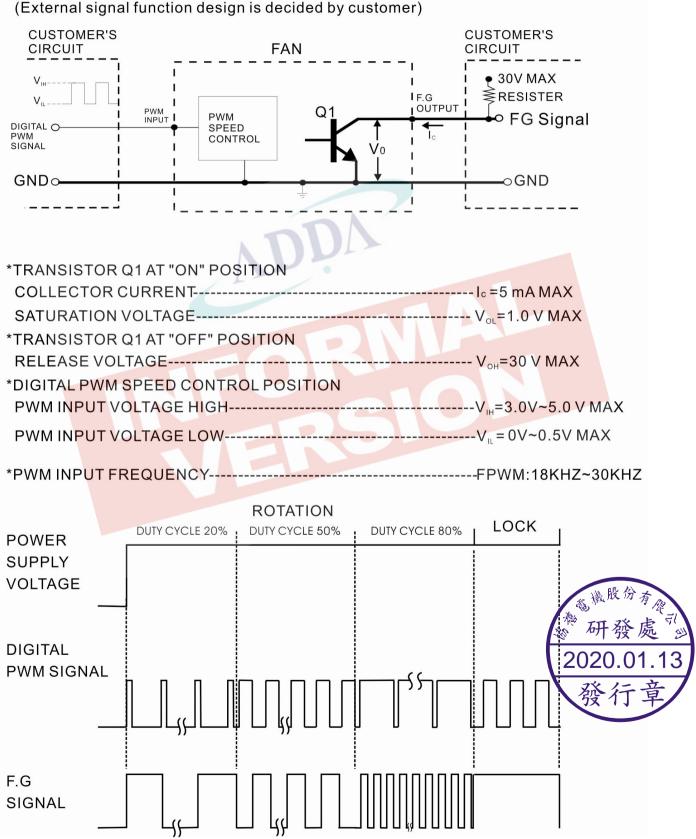
After 96 hours, 95% RH, $40+/-2^{\circ}$ C per MIL-STD-202F, method 103B humidity test, the measured data on insulation resistance and dielectric strength shall meet the specificaiton.

SPECIFICATION

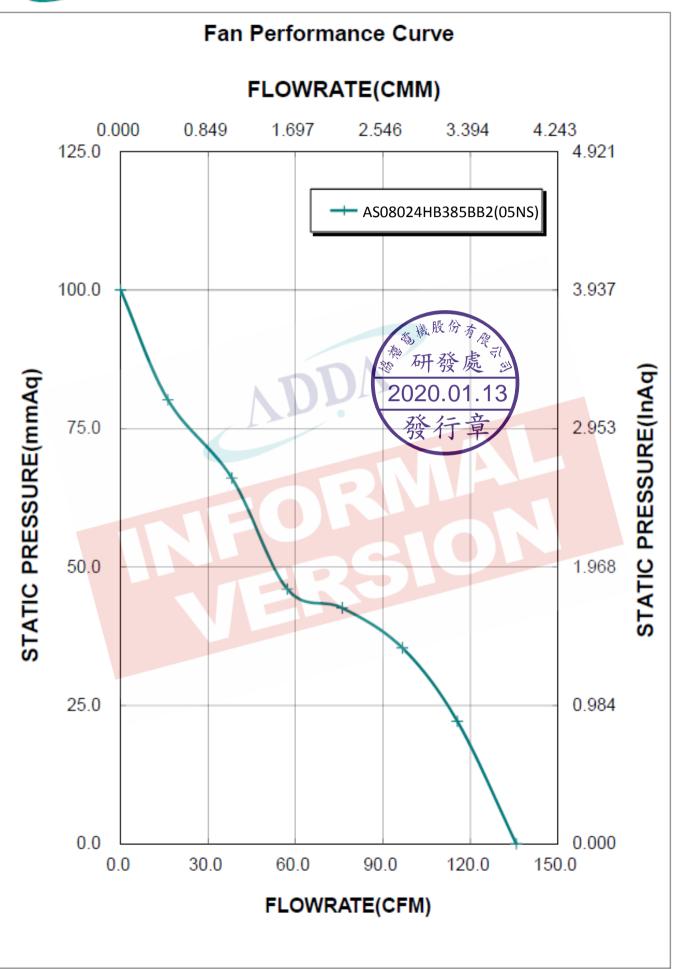


PWM-BC(30V 5mA)

ADDA







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 9GA0824A20021
 9GA0912W4021