SPECIFICATION FOR APPROVAL
то :
REF. No
CUSTOMER APPROVED DATEAPPROVED DATECHECKED DATEPREPARED DATE研發處 2015.09.18 節文榮CHECKED DATE研發處 2015.09.18 前皓然PREPARED DATE研發處 2015.09.18 前皓然印發處 2015.09.18 頭啟平PREPARED DATE
MODEL No.
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.
 ● 研發處心 2015.09.18 發行章
ADDA ADDA CORPORATION
†\$ <u> </u>

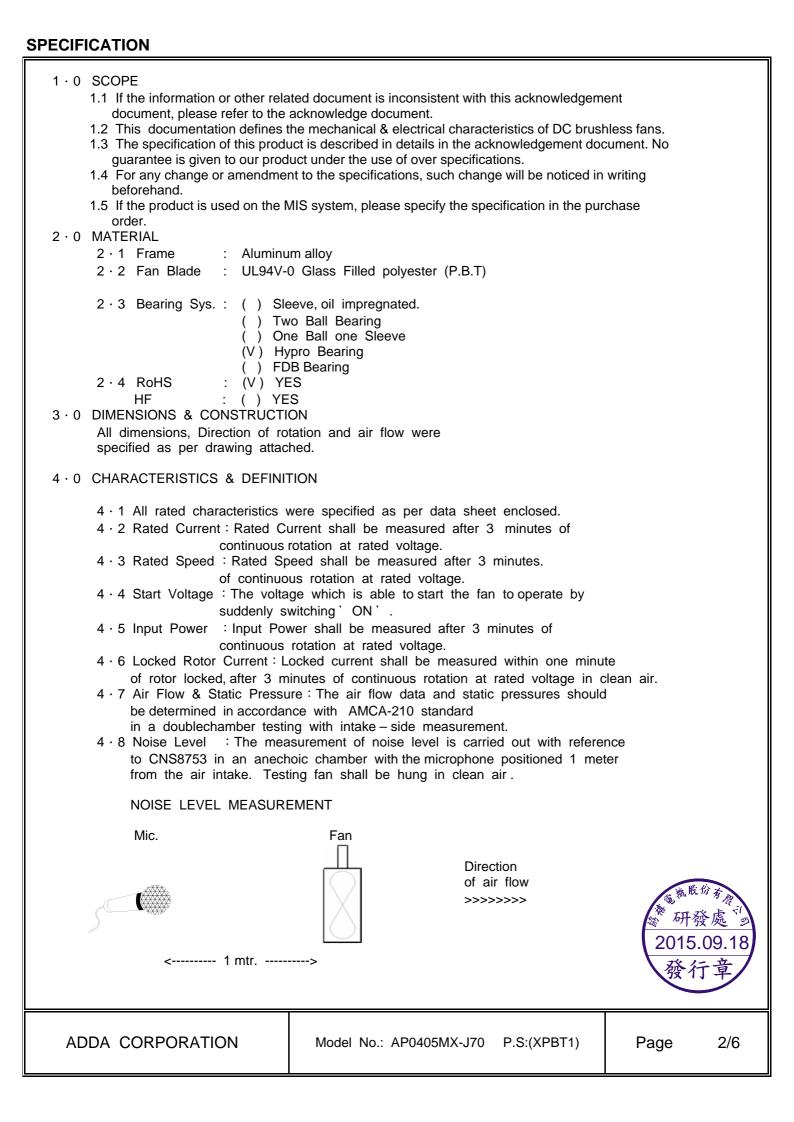
DATA-SHEET

Engineering

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Printed On:
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15/09/18

Customer	:							Ref: (RoHS
Adda Model No	:	AP0405M	X-J70		P.S:	(XPBT	1)	
Samples attached	:		Piece(s),				
Safety Approval	:	CE					N 61000-6-1:20	
						EN 61	000-6-3:2007+	A1
Specifications	005							
				NDITION	<u>4</u>			
		40x40x08	mm					
BEARING TYPE		HYPRO						
RATED VOLTAGE		5.0	VDC					
OPERATING VOLTAGE RANGE		4.5	VDC	_	5.5	VDC		
START-UP VOLTAGE		4.0	VDC	, NOR	MAL			
REAL CURRENT		0.10	Amp					
REAL POWER		0.50	Watt					
RATED CURRENT		0.18	Amp	+	10	%MAX		
RATED POWER		0.90	Watt					
RATED SPEED	:	7000	RPM	±	20	%		
			(IN FRE	e air A	AT RATE	D VOLT	AGE)	
AIR FLOW	:	4.700	CFM	(min.:	3.760	CFM)		
AIR FLOW	:	0.133	CMM	(min.:	0.106	CMM)		
			(IN FRE	e air A	AT RATE	D VOLT	AGE)	
STATIC AIR PRESSURE	:	0.110	Inch H ₂	0	(min.:	0.070	Inch H ₂ O)	
STATIC AIR PRESSURE	:	2.794	mm H ₂	0	(min.:	1.788	mm H ₂ O)	
			(IN FRE	e air <i>i</i>	AT RATE	D VOLT	AGE)	
NOISE LEVEL	:	28.0	dB (A)	(max.:	32.0	dB(A))		
MOTOR PROTECTION	:	BY	IC					
POLARITY PROTECTION	:	NO						
CONNECTION LEAD TYPE	:	WIRE, AV	VG#	28				
LIFE EXPECTANCY	:	50000	Hours	at	25 ℃	/ 65%	RH	
NET WEIGHT	:	15	Gram.					
PACKING	:	400	pcs. P	er Expo	rt Carton.			
Unless otherwise stated, the relative h for the standard testing. Should you have any doubt, please ref acknowledgement document.		-				n the		^{樂股份考察} 研發處 ³ 015.09.18 發行章
ADDA CORPORATION	N	Aodel No.:	AP040	5MX-J7()	P.S:	(XPBT1)	Page 1/6



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 1mA trip current between housing and positive end of lead wire.

6.3 Life Expectancy

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

6.4 While the fan is running, do not intentionally lock the fan for a long time since the overheating of the motor produced by the long-time locking will damage the fan.

ENVIRONMENTAL 7.0

- 7.1 Improper use such as disassembling the fan, being covered with dust, or dipping the fan in water that results in defects is not covered in the warranty. Do not use the fan in the environment with corrosive air or liquid.
- 7.2 Operating Temperature / Humidity
 - -10°C to +70°C at humidity 65%+/-20% RH.
- 7.3 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.

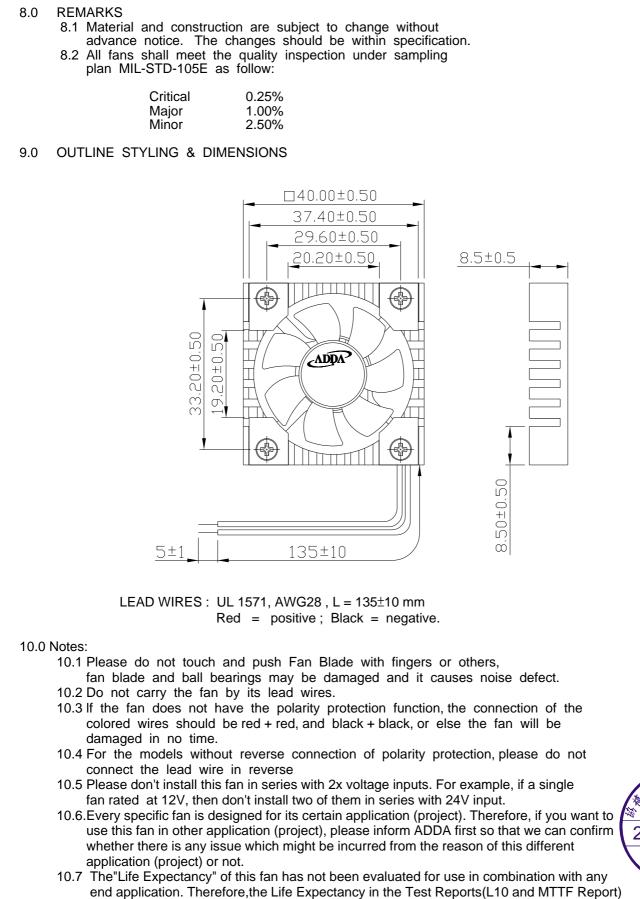
7.4 Humidity

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

7.5 Do not place or store the fan in the environment with high/low temperature/humidity. Do not store the fan for over 6 months; even if the fan is stored in room temperature for over 6 months, the fan may have the electric current leakage.



SPECIFICATION



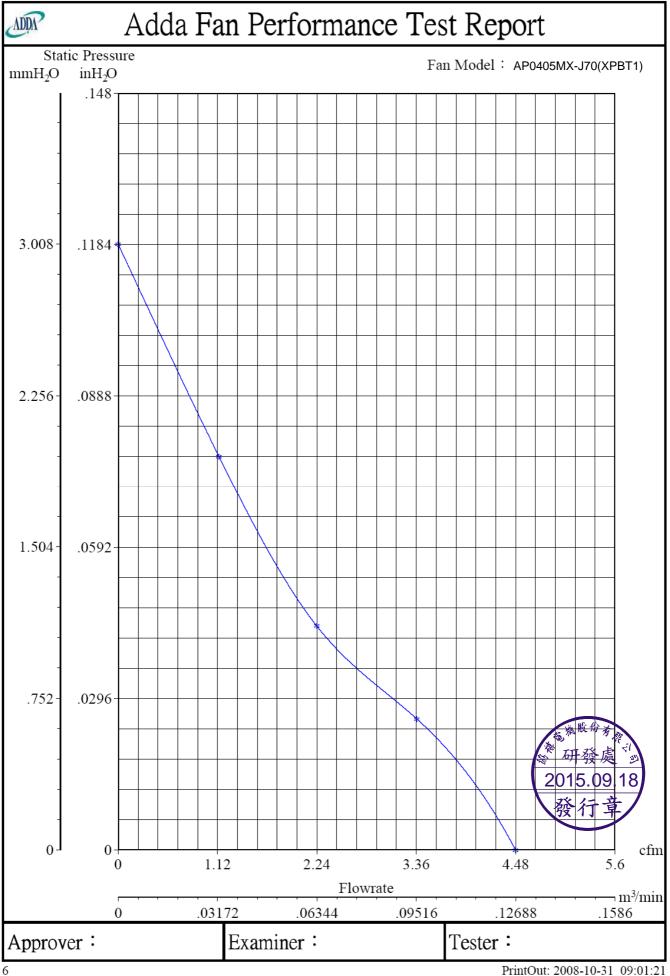


ADDA to the life of any specific fan, either expressed or implied.10.8 The period of product warranty, unless otherwise agreed by ADDA in written, shall be 12 months staring from the date of production.

that relate to this fan is for reference only and shall not construe any kind of warranty of

ADDA CORPORATION

Model No.: AP0405MX-J70 P.S:(XPBT1)



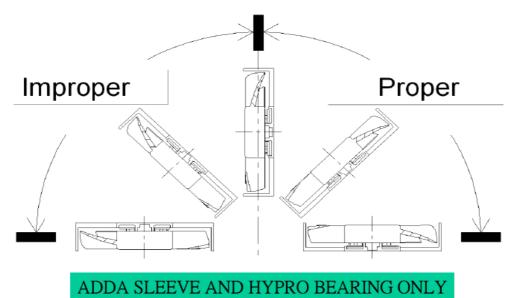
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* Sleeve 與 Hypro軸承裝置說明:



*Sleeve 與 Hypro軸承有裝置上的受限,不正常區域的運用(Improper)可能有共震與噪音的現像產生.

• Please be cautions sleeve and hypro bearing fans mounting. Improper mounting of the fan may cause excess resonance • vibration and subsequent noise.





Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

ADDA: AP0405MX-J70(XPBT1)