



深圳腾凯特种机电有限公司
SHENZHEN TENKAI GROUP LIMITED

SPECIFICATION FOR APPROVAL

规格承认书

To: 2110131837

产品型号 Par No. : BA7060H24B

类别 Category: ☒ Fan ☐ Blower ☐ Centrifugal

认证 Certification: ☒ CE ☒ ROHS ☐ UL ☐ TUV

编号 Spec No: BA7060H24B-D230320-01 版次 Version: 01

样品数 Quantity: 15PCS 日期 Date: 2023-03-30

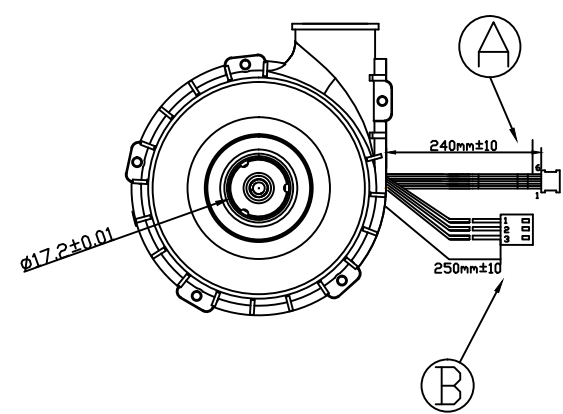
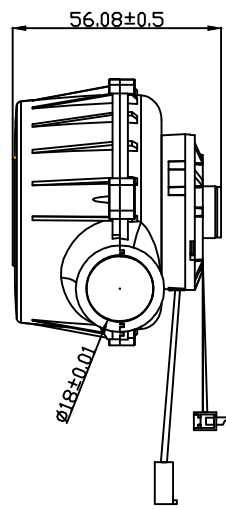
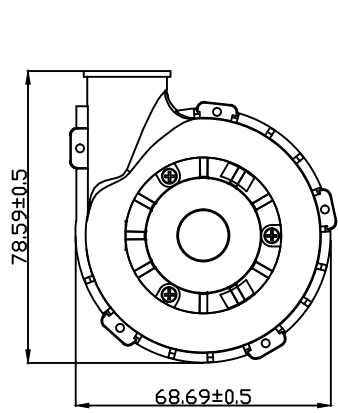
Company Stamp	CUSTOMER APPROVAL Stamp
	
制作: 朱蒸蒸	承认:
复核: 刘良军	核准:
核准:	日期:

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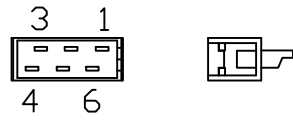
邮箱(MAIL): sales@tenkai-group.com

网址(WEB): [Http://www.tkfan.com](http://www.tkfan.com)

地址(ADD): 深圳市龙华区观澜格澜9路金雄达科技园C栋5楼



A.LEAD WIRE:
UL2651#28AWG OR EQUIVALENT
PIN1: RED WIRE
PIN2: GRAY WIRE
PIN3: GRAY WIRE
PIN4: GRAY WIRE
PIN5: GRAY WIRE
PIN6: GRAY WIRE



B.LEAD WIRE:
UL3266#22AWG OR EQUIVALENT
PIN1:BLACK WIRE---(U)
PIN2:RED WIRE---(V)
PIN3:BLUE WIRE---(W)



CONNECTOR ASSIFMENT	FUNCTION
1	HALL1
2	GND
3	NTC ⑤
4	+UH
5	HALL2
6	HALL3

CONNECTOR ASSIFMENT	COLOUR	FUNCTION
1	BLACK	U
2	RED	V
3	BLUE	W

Mark 记号	REASON 变更原因	PROJECTION 		单位 UNIT mm		深圳市腾凯特种机电有限公司 SHEN ZHEN TENKAI GROUP LIMITED							
		比例 SCALE 1:1											
		公差 TOL	LINEAR (0,50] (50,100] (100,+∞)	X ±0.5 ±0.6 ±1	.X ±0.10 ±0.20 ±0.30	.XX ±0.05 ±0.10 ±0.15	ANGULAR X.X X.X	±0.5° ±0.1°	型号 Model NO.	BA7060H24B		图号 Drawing NO. BA7060H24B-D230320-01	
			制图 Drawing	朱燕燕	日期 Date	2023.03.30		描述 Description		材质 Material	页数 Page	1/1	
		检查 Check	刘良军	日期 Date	2023.03.30		表面 Finish		版次 Rev	A0			
		批准 Approved		日期 Date									
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規格參數

SPECIFICATION

Item 项目	Value 值	Condition 条件 Based on our driver 基于我们的驱动
Motor Type 电机类型	BLDC 3 phase /6 Pulse/4 Pole 3 相 6 槽 4 极	
Bearing Type 轴承类型	Ball bearing 滚珠轴承	
Rotation Direction 旋转方向	Counterclockwise 逆时针	View from inlet plate side 从进风口看
Operating Voltage Range 操作电压	DC12~27V	
Max.Input Coil Current 线圈最大输入电流	2.0A	In continuous operation Excluding inrush current. 在连续运行中，不包括涌入电流。
Rated Current 额定电流	0.54A	At 2.0kPa, 100L/min, DC 24V 在 2.0kPa, 100L/min, DC 24V
Rated Power Consumption 额定功耗	12.96W	At 2.0kPa, 100L/min, DC 24V 在 2.0kPa, 100L/min, DC 24V
Rated Pressure 额定压力	2.0kPa	At 100L/Min 在 100L/Min
Maximum Pressure 最大压力	4.7kPa	At DC 24V, the air flow rate is 0. 在 DC 24V，空气流量为 0 时
Rated Air Flow 额定空气流量	100L/min	At 2.0kPa 在 2.0kPa
Minimum Air Flow 最小空气流量	6L/min	At 4000rpm, the pressure is 0 在 4000rpm，压力为 0 时
Rated Rotation Speed 额定转速	25000rpm	At 2.0kPa, 100L/Min 在 2.0kPa, 100L/Min 下
Min.Rotation Speed 最小转速	4000rpm	
Max Noise 最大噪音	40dB(A) Max	The valley value is adjusted to 22400, the air inlet is downward to fit with the heavy block, the air outlet is covered with 1.8 m hose, and the sound is picked up at a vertical distance of 50 cm. The environmental noise is less than 26 db. 谷值调到 22400 进风口朝下与重块贴合，出风口套 1.8m 软管，垂直距离 50cm 处拾音，环境噪音小于 26dB.

Coil Resistance 线圈阻抗	2.6 Ω	1v@1khz@without rotor@between 2 phase 1v@1khz@带转子@两相之间
Coil Inductance 线圈感抗	280 μ H	1v@1khz@without rotor@between 2 phase 1v@1khz@带转子@两相之间
Lead Wire 导线型号	250mm 3266#22AWG 240mm 2651#28AWG	
Connector 端子	CJTCONN 2510-3P	
Life Expectancy 预期寿命	10000 hrs	
Net Weight 净重	244g	
Dimension 尺寸	79X69X56mm	
NTC Model NTC型号	NB12P00104JBB	 The Attachment is the introduction of NTC Model 这份附件是NTC型号介绍

风扇特性曲线风量风压测试报告

The Report of Fan Performance P-Q Curve Test

1. 产品特性依照 AMCA-210 标准在双箱里包括风量与风压的测试。

The performance including air flow and air pressure measured in Double Chamber is measured according to AMCA210-92 standard。

测试编号(No.): 5674

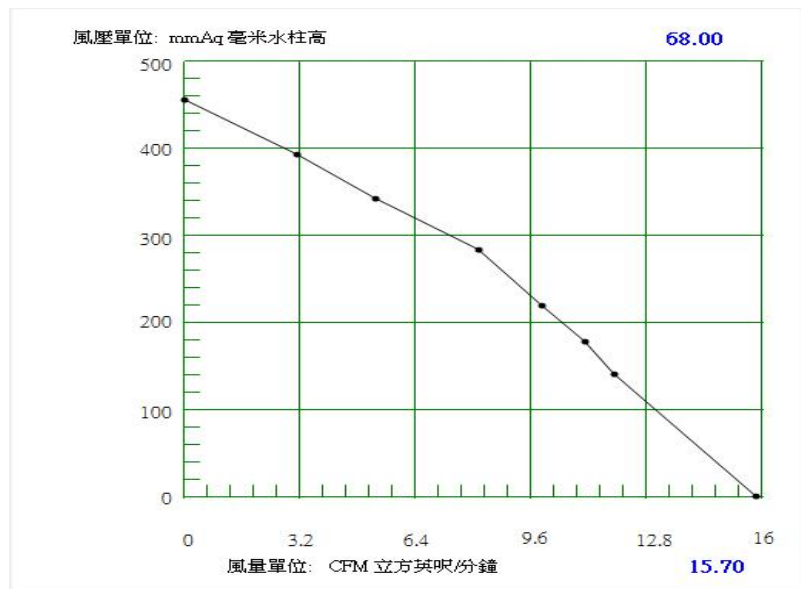
测试日期(Date) : 2023/03/30

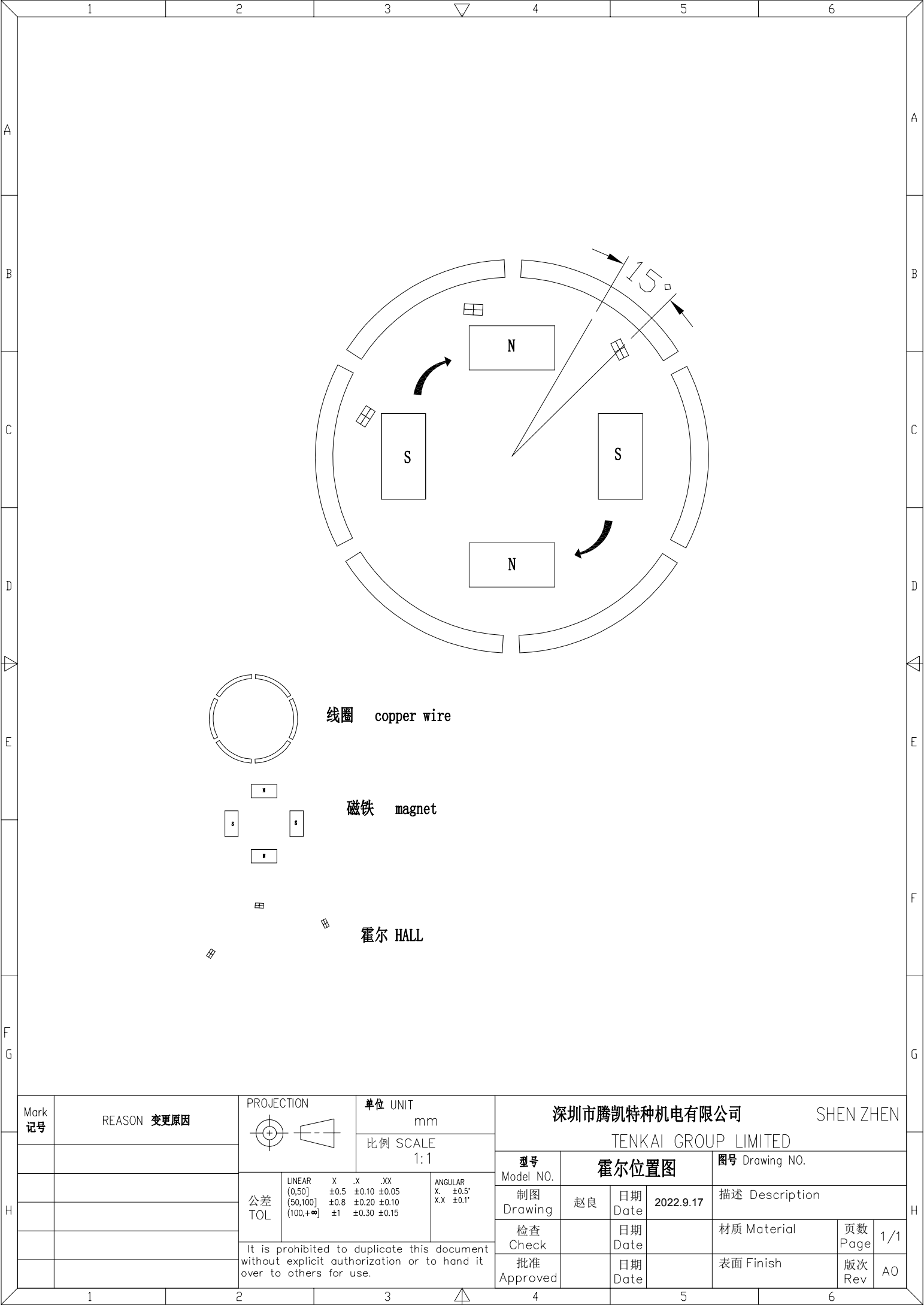
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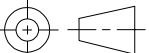
序号 No.	项目 Item	规格 Specification	单位 Unit
1	测试电压 Test Voltage	24	VDC
2	转速 Speed	30500	RPM
3	大气压力 Barometric Pressure	761.5	mmHg
4	相对湿度 Relative Humidity	45	%
5	最大风量(零静压时)Max.Air Flow(At Zero Static Pressure)	15.9	CFM
6	最大风压（零风量时）Max. Air Pressure(At Zero Air Flow)	471.4	mmH ₂ O

3.P-Q 数据及曲线 P-Q Data and Curve

序号	mmAq	CFM	A	Watt	RPM
1	471.4	0	0.83	20	
2	392.5	3.12	1.14	27.5	
3	341	5.3	1.31	31.4	
4	283	8.13	1.47	35.3	
5	219	9.89	1.54	36.9	
6	177	11.08	1.57	37.6	
7	140.5	11.89	1.58	37.9	
8	0	15.85	1.55	37.1	

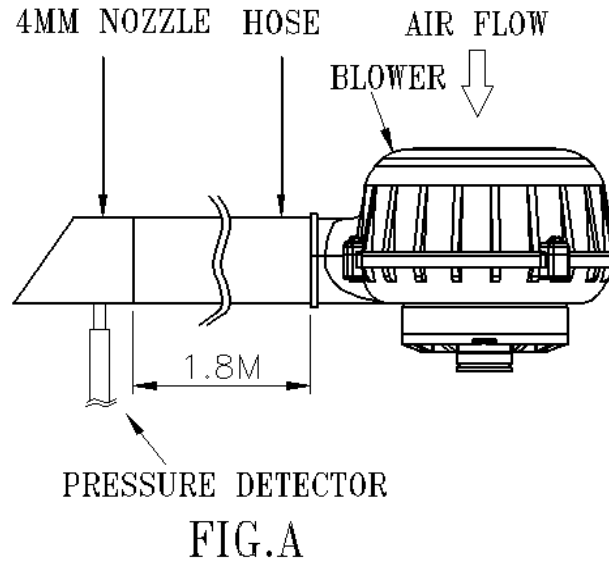




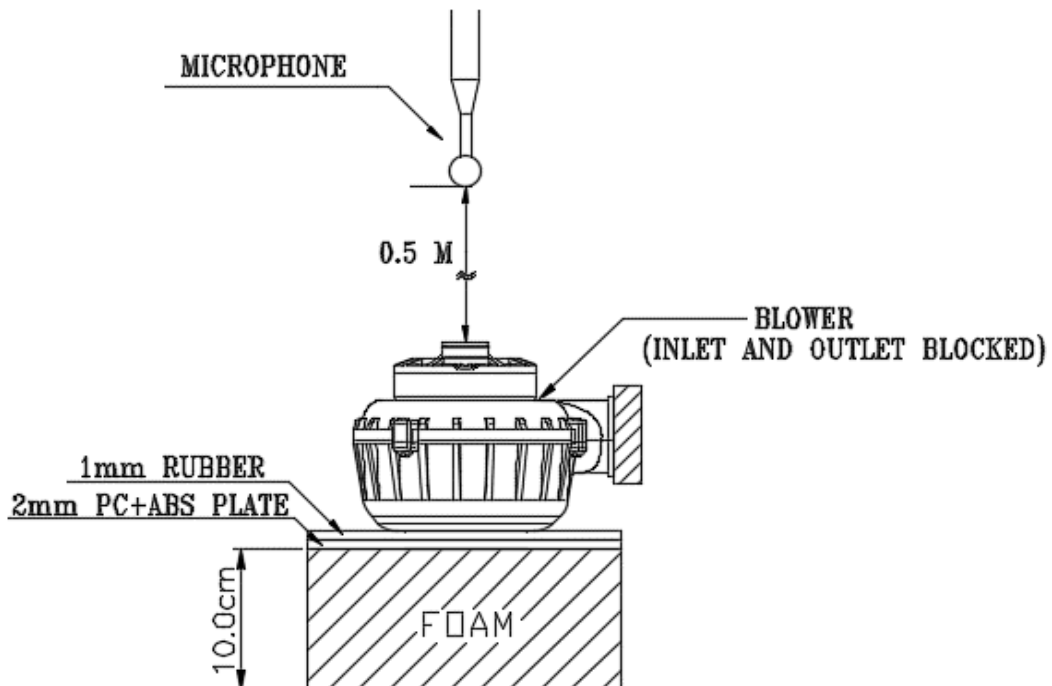
Mark 记号	REASON 变更原因	PROJECTION 		单位 UNIT mm		深圳市腾凯特种机电有限公司						SHEN ZHEN		
	比例 SCALE 1:1			TENKAI GROUP LIMITED										
	公差 TOL	LINEAR (0,50]	X ±0.5	.X ±0.10	.XX ±0.05	ANGULAR X. ±0.5° X.X ±0.1°		型号 Model NO.	霍尔位置图		图号 Drawing NO.			
		(50,100]	±0.8	±0.20	±0.10			制图 Drawing	赵良	日期 Date	2022.9.17	描述 Description		
		(100,+∞)	±1	±0.30	±0.15			检查 Check		日期 Date		材质 Material	页数 Page	1/1
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NOTES:

1. ALL READINGS ARE MEASURED AFTER STABLY WARMING UP THROUGH 10 MINUTES.
2. STANDARD AIR PROPERTY IS AIR AT (Td) 25°C TEMPERATURE, (RH) 65% RELATIVE HUMIDITY, AND (Pb) 760 mmHg BAROMETRIC PRESSURE.
3. THE VALUES WRITTEN IN PARENS , (), ARE LIMITED SPEC.
4. FAN DATA WITH CONTROLL BOARD (DELTA P/N: FC241B7-L0E)



ACOUSTICAL NOISE MEASURING CONDITION:



NOISE IS MEASURED AT RATED VOLTAGE WITH ABOVE SETUP IN ANECHOIC CHAMBER WITH MICROPHONE AT A DISTANCE OF 0.5 METER FROM THE FAN PLUG.

实物图
The pictures

