



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: 2206222175

产品型号 Par No. : BA5060H24B

类别 Category: Fan Blower Centrifugal

认证 Certification: CE ROHS UL TUV

编号 Spec No: BA5060H24B-A2022 版次 Version: 01

样品数 Quantity: 5PCS 日期 Date: 2022-08-16

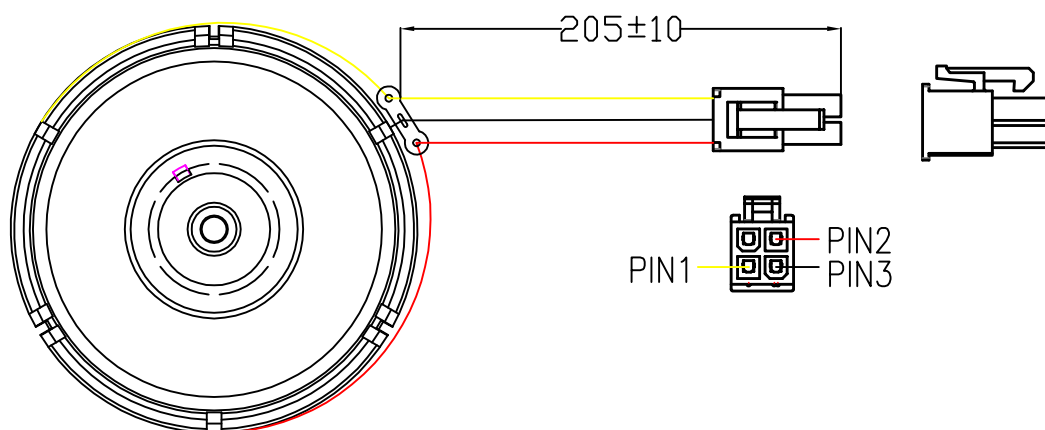
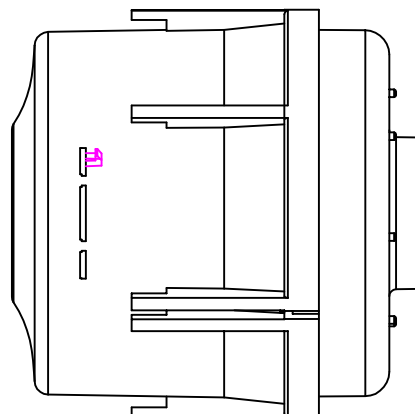
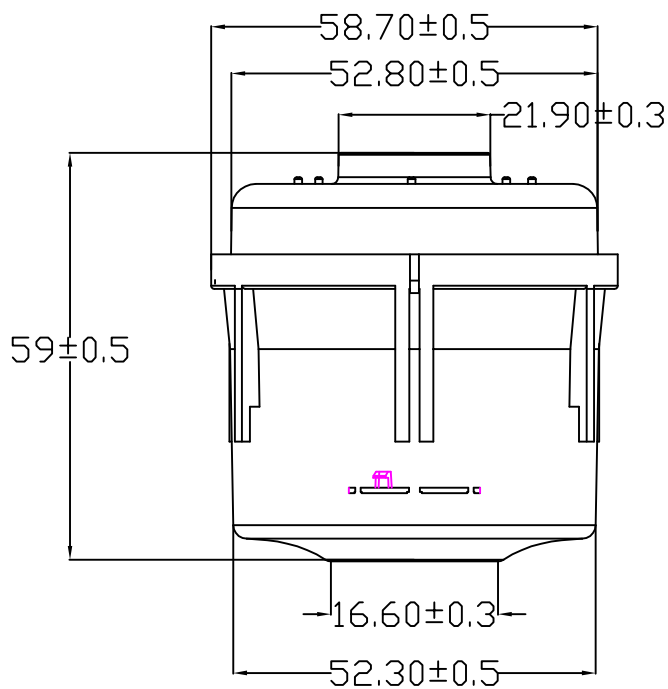
Company Stamp	CUSTOMER APPROVAL Stamp
	
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复核: 刘良军	核准:
核准:	日期:

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LEAD WIRE UL1061#22AWGOR
EQUIVALENT

- 1: YELLOW WIRE
- 2: RED WIRE
- 3: BLACK WIRE

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		型号 Model NO.	BA5060H24B		图号 Drawing NO. BA5060H24B-A2022						
		公差 TOL	LINEAR	.X	.XX	ANGULAR		制图 Drawing	朱蒸蒸	日期 Date	2022.08.16	描述 Description DC BRUSHLESS BLOWER			
			(0,50]	±0.10	±0.05	X.	±0.5°	检查 Check	刘良军	日期 Date	2022.08.16	材质 Material		页数 Page	1/1
			(50,100]	±0.20	±0.10	X.X	±0.1°	批准 Approved		日期 Date		表面 Finish		版次 Rev	A0
			(100,+ 8]	±0.30	±0.15			It is prohibited to duplicate this document without explicit authorization or to hand it over to others for use.							

規格參數

SPECIFICATION

Motor Type 电机类型	3 phase 2 pole Brushless
Bearing Type 轴承类型	Ball bearing
Rotation Direction 旋转方向	Counterclockwise viewing from the air vent side
Operating Voltage Range 操作电压	18~26.5V
Power Supply Current 电源电流	Max 4.4A
Power Consumption 最大功耗	105.6W
Coil Resistance 线圈阻抗	1.36 Ω @20°C, Between 2 phase
Coil Inductance 线圈感抗	290 μ H @20°C, 10 kHz, Between 2 phase
Lead Wire 导线型号	205mm UL 1332#24AWG
Connector 端子	Molex5557-04R-210
Life Expectancy 预期寿命	10000hrs
Net Weight 净重	165g
Dimension 尺寸	\varnothing 58.7×59mm
Rated Voltage 额定电压	24v
Rated Current 额定电流	4.2A
Rated Speed 额定转速	31000±10%
Max Air Flow 最大风量	397L/min
Max Static Air Pressure 最大静压	8.4kpa
Noise Level 噪音	71.3dBA
Start-up Time 启动时间	<200ms

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.

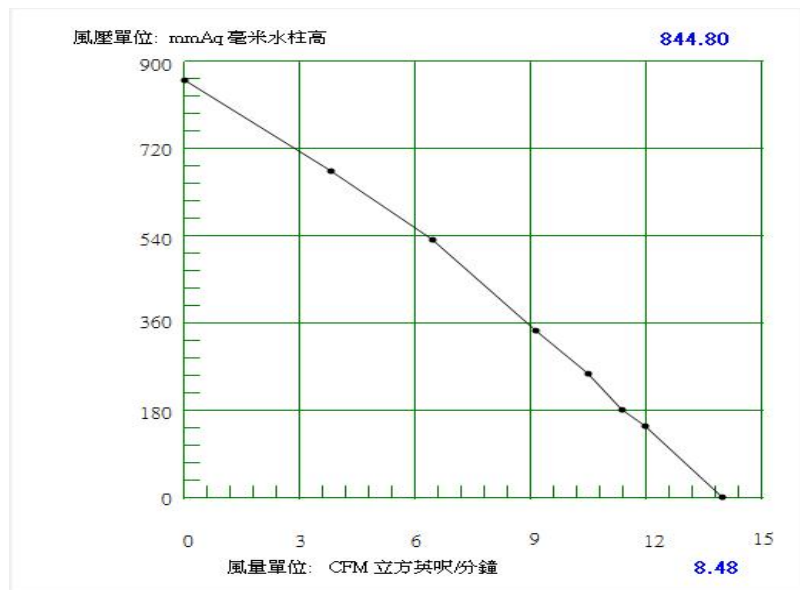
测试编号(No.): 4902 测试日期(Date) : 2021/08/04

2. 测试数据:

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	31500	RPM
3	大气压力 Barometric Pressure	761.5	mmHg
4	相对湿度 Relative Humidity	52	%
5	最大风量(零静压时)Max.Air Flow(At Zero Static Pressure)	14.0	CFM
6	最大风压 (零风量时) Max. Air Pressure(At Zero Air Flow)	859.5	mmH ₂ O

3.P-Q 数据及曲线 P-Q Data and Curve

序号	mmAq	CFM	A	Watt	RPM
1	859.5	-0.02	2.32	55.7	
2	671	3.81	3.05	73.1	
3	529.5	6.43	3.45	82.9	
4	343	9.11	3.81	91.4	
5	253.75	10.49	3.95	94.8	
6	180.25	11.34	4.02	96.5	
7	147	11.96	4.16	99.8	
8	0	13.97	4.31	103.4	



噪音测试报告

The Report of Acoustic Noise Test

报告编号 Report No.TN1511309

样品名称 Sample Name	Brushless Fan / Blower
测试条件 Test Condition	测试方法 Test Method
1.温度 Temperature: 31 °C 2.湿度 Humidity: 75 %RH	1.测试位置 Test Position : 180° 2.测试距离 Test Distance:1.0M From the fan intake 3.背景噪音 Background Noise: 19.1dB(A) 4.测试依照标准 ISO3745 执行 This test executes according to ISO3745 standard
测试设备 Test Equipment: 声望 VA-Lab2 二通道噪声频谱分析仪 BSWA VA-Lab2 double channels noise Spectrum Analyzer	
测试结果 Test Result: Leq:71.3dB(A); 测试距离 Test distance: 1 meter	
<p style="text-align: center;">倍频段频谱图 Octave-Band(1m)</p> <p>坐标 X: SPL(A) Y: 71.30dB 中心频率</p>	
测试结果 Test Result: Leq:16.1dB(A); 背景噪音 Background Noise	
<p>坐标 X: SPL(A) Y: 16.10dB 中心频率</p>	

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实物图
The pictures

