

参数规格 (PRODUCT SPECIFICATION)

A. 一般规格 (General specification)

项目/ITEM		规格. 条件/Specification Condition)	
01	型号/Part No.	SYD6010HBL	
02	外型尺寸/Outline Dimension	60X60X10 mm	
03	额定电压/Rated Voltage	24 VDC	
04	启动电压/Start Voltage	≤ 9V	25°C Switch Power ON/OFF
05	操作电压/Operating Voltage	21.6-26.4 VDC	
06	运转电流/Rated Current	0.05A	±10%
07	额定功率/Rated Power	1.2W	±10%
08	转速/ Rated Speed	4800RPM	±10%
09	最大风量/ Max. Airflow	17.33CFM	
10	最大静压/ Max. Static Pressure	2.88mmH2O	
11	噪音/ Noise Level	37.12dB(A) 42.0dB(A) (Max)	
12	寿命预估/ Life Expectancy	50000hrs at 25°C	
13	马达极数/ No. of. Pole	4 极/4 Poles	
14	回转方向/ Rotating Direction	顺时针/Clockwise (从标签面看/From Label side)	

B. 电气规格 (Electrical Specification)

项目/ITEM		规格. 条件/Specification Condition)	
01	锁定扇叶保护功能 Locked Rotor Protection	<input checked="" type="checkbox"/>	安规条件/Safety Condition
		<input type="checkbox"/>	额定电压, 锁住扇叶 1 秒, 自动断电后, 2-6 秒后尝试重新启动 Power off after locked at rated voltage for 1 sec After auto power off, circuit attempt restart in 2 to 6sec
02	极性保护 Polarity Protection	<input checked="" type="checkbox"/>	Vcc 与 GND 反接时, 不导通 Open circuit when Vcc & GND are exchanged

02	极性保护 Polarity Protection	<input checked="" type="checkbox"/>	Vcc 与 GND 反接时, 5 秒内不烧毁/Circuit won't be burned within 5seconds when Vcc & GND are exchanged
		<input type="checkbox"/>	无反接保护 No Polarity Protection
03	绝缘阻抗 Insulation Resistance	10MΩ 裸线 与 外框间测量, 500VDC /min 10MΩ Between unshielded wire and frame at 500VDC/min	
04	绝缘耐压 Dielectric Strength	5mA Max/裸线 与 外框间测时 500VDC /min 5mA Max/Measured b/w lead wire (+)and frame at 500VAC/min	
05	特殊功能 Special Function	<input type="checkbox"/>	软启动/Soft Start
		<input type="checkbox"/>	限流/Current Limiting
		<input type="checkbox"/>	脉宽调整速/Pulse Width Modulation
		<input type="checkbox"/>	温控转速/Thermal Speed Controlled
		<input type="checkbox"/>	锁机高电频输出/Lock Rotor Alarm Output
		<input type="checkbox"/>	方波输出/Tachometer Output

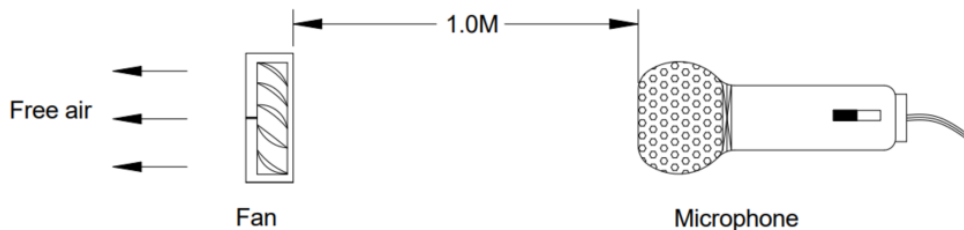
C.主要材料, 零件规格 (Main Materials,Parts Specification)

01	轴承/Bearing	<input type="checkbox"/> 含油轴承/Sleeve Bearing <input type="checkbox"/> 单滚珠轴承/ one Ball one Sleeve <input checked="" type="checkbox"/> 双滚珠轴承/Dual Ball Bearing <input type="checkbox"/> 液压轴承/Hydraulic Bearing
02	外框材质/Frame	PBT+30GF Black
03	扇叶材质/Impeller	PBT+30GF Black
04	绝缘套/Bobbin	PBT+30GF Black
05	导线/Lead Wire	<input checked="" type="checkbox"/> Red(+) <input checked="" type="checkbox"/> Black(-) <input type="checkbox"/> Yellow(FG) <input type="checkbox"/> Blue(PWM) <input type="checkbox"/> White(RD) UL1007 24AWG 红黑分线 L=270±10mm
06	端子/Connector	2.54-2P 正向
07	防护处理/IP LEVEL	No

D.环境测试/Environmental Specification

项目/ITEM		规格. 条件/Specification Condition)
01	运转温度、湿度范围 Operating Temp. Range	温度/Temperature: -10℃ ~ 70℃
		湿度/Humidity: 15%~90%RH(Frost Eliminated)
02	保存温度、湿度范围 Storage Temp. Range	温度/Temperature: -40℃ ~ 70℃
		湿度/Humidity: 15%~90%RH(Frost Eliminated)
03	包装跌落冲击测试 Packing Shock Proof Test	1 corer, 3edges, 6faces natural drop from 60cm high, packed

E.噪音测试条件/Noise Measure Condition

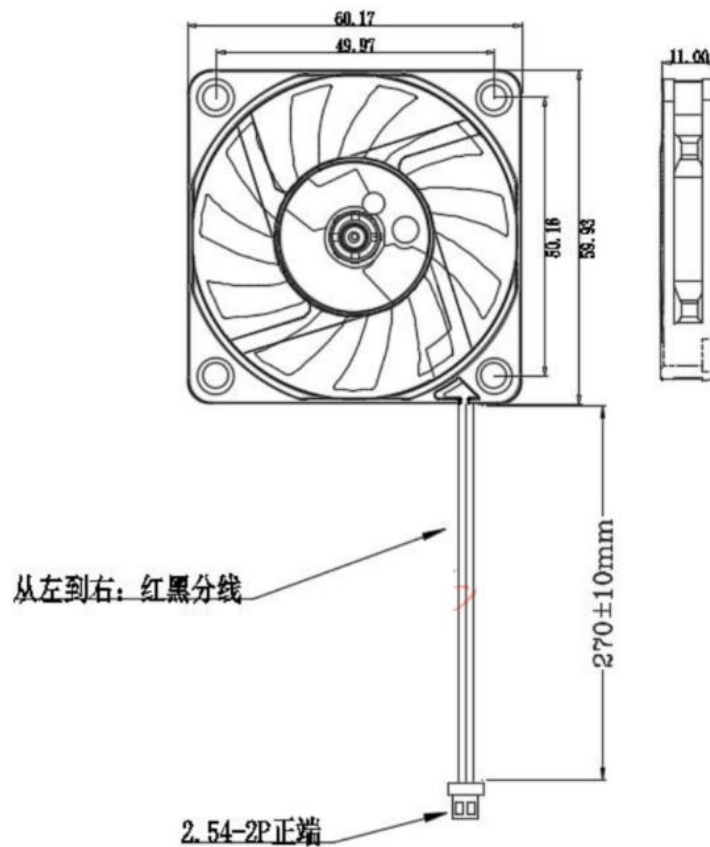


Noise is measured at rated voltage in free air in anechoic chamber with 3560C S/N 2441457 B & K sound pressure Level meter with 4190-L-001 microphone at a distance of one meter from the fan intake. The background noise is 16 dB (A) Max.

F. 商标 (Label Marking)

型号/Model No	SYD6010HBL	按客户要求贴附
额定电压/Rated Voltage	DC 24V	
安规电流/Safety Current	0.05A	
标签尺寸/Label Size	27MM	
安规/Safety Approvals	CE	
附加码/Appendix Code	No	

G. 外形示意图 Appearance (具体尺寸以实物为准)



(外形示意图)



(实物示意图)



PRODUCT SAFETY 产品安全

I. Safety 安全

1. SYIDA will not guarantee this product if your application exceeds the limitations outlined in this specification. 如果您的请求超出了本规范所列的范围盛亿达公司将不会确保您的产品安全。
2. There is no thermo-protector installed in this product, such as thermo-fuse, or current-fuse or thermo-protector. There may be smoking, ignition, or electric shock by insulation degradation in cases or motor lock, motor lead short circuit, overload, over voltage or other failure. Please add the protection circuit to your product. 在该产品中没有安装热保护器, 例如热熔丝、电流保险丝或热保护器。绝缘老化、电机锁、电机引线短路、超载、超电压或者其他故障的情况下可能会产生烟、着火或电击的现象。请将保护电路添加到您的产品中。
3. Please verify that this product is being installed and used in compliance with all safety standards. Please inform SYIDA of any safety concerns prior to releasing your product to production. 请确认该产品正在被安装和使用在符合所有安全标准的范围内。在投放生产你的产品之前请告知盛亿达任何安全问题。
4. Please handle and install this product carefully. Hitting or dropping this product may cause damage. Please do not damage this product including coil and lead wires while installing or wiring. There may be smoking or fire. 请仔细地处理和安装本产品。击打或掉落本产品都会造成损坏。在安装和布线的时候不要损坏本产品包括线圈和引线。否则可能会冒烟或者着火。

II. Specification modification 规格修改

1. SYIDA offers engineering assistance on fan installation and cooling system design. 盛亿达公司在风机安装和冷却系统设计上提供工程帮助。
2. Any change to the parameters specified in this document will be determined by mutual agreement between both parties. Parameters which are not specified in this specification will be identical to the final sample which has been approved by your company. 在本文件中指定的参数要做任何更改将由双方协商确定。在本规范中没有指定的参数将与已被贵公司批准的最终样品相同。
3. Product will be shipped in accordance with this specification unless SYIDA has been previously notified of parameters requiring exception. 产品将按照本规范出货除非盛亿达公司先前已被通知要求的参数例外。
4. Parameters modified by mutual consent will be incorporated in this specification. 经双方同意修改的参数将被纳入本规范。
5. Please notify SYIDA in advance of any modification to your product or new application for this fan which may require a review of this specification. 在你的产品有任何修改或新的应用之前请通知盛亿达公司，因为可能需要审查本规范。