

规格承认书

SPECIFICATION FOR APPROVAL

客户名称/CUSTOMER:

产品型号/ MODEL NO : YD6020HBL

样品编号/SAMPLE NO: 251010002

制作日期/ISSUE DATE : 2025 年 10 月 10 日

CUSTOMER APPROVAL/客户承认

APPROVED / DATE /核准日期

感谢您选择我公司产品，如果确认符合贵司要求，劳烦将首页签章回传到我司。
Thanks for your interest in our products. Please sign and return this page to us after confirming your approval.

注：本公司有改善性调整，在不影响客户使用的情况下，我司将不做另行通知，如有异议请提出。

制作/DRAWN	检查/CHECKED	核准/APPROVED	版次/Edition
林婉玲	明 强	明 强	1.0 版

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.	YD6020HBL	
02	外型尺寸/Outline Dimension	60X60X20 mm	
03	额定电压/Rated Voltage	24V DC	
04	启动电压/Start Voltage	≤ 6V	25℃ Switch Power ON/OFF
05	操作电压/Operating Voltage	21.6-26.4 VDC	
06	运转电流/Rated Current	0.09A	±10%
07	额定功率/Rated Power	2.16W	±10%
08	转速/ Rated Speed	6300RPM	±10%
09	最大风量/ Max. Airflow	18.85CFM	a. 风洞测试仪/P&Q b. 标准/Standard:AMCA
10	最大静压/ Max. Static Pressure	7.33mmH2O	c. 额定电压/Rated Voltage d. 运转电流/Rated Current
11	噪音/ Noise Level	37.11dB(A) 42.0dB(A) (Max)	a. 额定电压/Rated Voltage b. 无响室/Non-Echo Chamber c. 标准/Standard:DIN45635 d. 距离/Distance: 1.0M
12	寿命预估/ Life Expectancy	50000hrs at 25℃	a. L10 at Conf. Level 90% b. 额定电压/Rated Voltage
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	☒	安规条件/Safety Condition
		☐	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	☒	Vcc 与 GND 反接时, 不导通 Open circuit when Vcc & GND are exchanged
02	极性保护 Polarity Protection	☒	Vcc 与 GND 反接时, 5 秒内不烧毁/Circuit won't be burned within 5seconds when Vcc & GND are exchanged
		☐	无反接保护 No Polarity Protection
03	绝缘阻抗 Insulation Resistance		10M Ω 裸线 与 外框间测量, 500VDC /min 10M Ω 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	☐	软启动/Soft Start
		☐	限流/Current Limiting
		☐	脉宽调整速/Pulse Width Modulation
		☐	温控转速/Thermal Speed Controlled
		☐	锁机高电频输出/Lock Rotor Alarm Output
		☐	方波输出/Tachometer Output

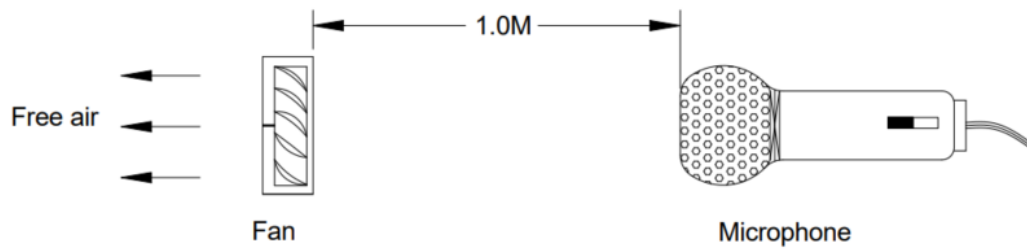
C.主要材料, 零件规格 (Main Materials,Parts Specification)

01	轴承/Bearing	☐ 含油轴承/Sleeve Bearing ☐ 单滚珠轴承/ one Ball one Sleeve ☒ 双滚珠轴承/Dual Ball Bearing ☐ 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	☒ Red(+) ☒ Black(-) ☐ Yellow(FG) ☐ Blue(PWM) ☐ White(RD) UL1007 24AWG 红黑分线 L=270 $\pm$ 10mm
06	端子/Connector	2.5-2P 正端
07	防护处理/IP LEVEL	无/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 $^{\circ}$ C ~ 70 $^{\circ}$ C
		湿度/Humidity: 15%~90%RH(Frost Eliminated)
02	保存温度、湿度范围 Storage Temp. Range	温度/Temperature: -40 $^{\circ}$ C ~ 70 $^{\circ}$ C
		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	SYD6025HBL	依照客户要求贴附
额定电压/Rated Voltage	DC 24V	
安规电流/Safety Current	0.10A	
标签尺寸/Label Size	30MM	
安规/Safety Approvals	CE	
附加码/Appendix Code	No	

G.外形尺寸示意图及实物图 Appearance

