



规格书 SPECIFICATION

MODEL
K-DC12038-A24-50H

1.一般规格/General Specification

型号/Item		规格.条件/Specification Condition	
1	Model	K-DC12038-A24-50H	
2	外型尺寸/Dimension	120x120x38mm	
3	额定电压/Rated Voltage	24VDC	
4	启动电压/Start-up Voltage	13VDC	
5	操作电压/Operating Voltage	13~27.2VDC	a.额定电压/Rated Voltage b. 25°C c. 65% RH d. Measured after 5 Mins
6	额定转速/Rated Speed	5000RPM	
7	额定电流/Rated Current	0.65A	
8	额定功率/Rated Power	15.6W	
9	最大风量/Max.Airflow	181.61 CFM	a. 风洞测试仪/PQ Measurement Apparatus : (LW9266-SR) b. 标准/Standard : AMCA c. 额定电压/Rated Voltage d. 额定电流/Rated Current
		5.14 M ³ /min	
10	最大静压/Max.Static Pressure	0.831 Inch-H ₂ O	
		21.11Mm-H ₂ O	
11	寿命预估/Life Expectancy	70000hrs at 40°C	a.L10 at Conf. Level 90% b.额定电压/Rated Voltage
12	噪音测试/Noise Level	59.5dB	a.额定电压/Rated Voltage b.无响室/Non-Echo Chamber c.标准/Standard:CNS 8753/ISO3744 d.Test Condition:ISO 7779 e.距离/Distance: 1.0M
13	马达极数/No. of Pole	4 Poles	
14	防水功能/Waterproof	Motor Components Immersed With three Anti-Paint	

2.电气规格/Electrical Specification

项目/Item		规格.条件/Specification. Condition	
1	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, 自动断电后, 2~6秒后尝试重新启动/Auto power off after locked at rated voltage for 1sec After auto power off ,circuit attempt restart in 2 to 6sec	
2	极性保护/Polarity Protection	☒ Vcc与GND反接时,不导通 Open circuit when Vcc&GND are exchanged	
		☐ Vcc与GND反接时, 5秒内不烧毁/Circuit won't be burned within 5 seconds when Vcc &GND are exchanged	
3	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	
4	绝缘耐压/Dielectric Strength	5mA Max/ 裸线与外框间测量, 500VAC/min 5mA Max/ Measured b/w lead wire(+)and frame at 500VAC/min	
5	特殊功能/Special Function	☒ 软启动/Soft Start	☐ 限流/Current Limiter

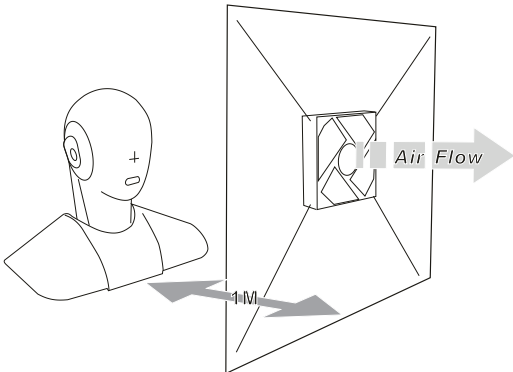
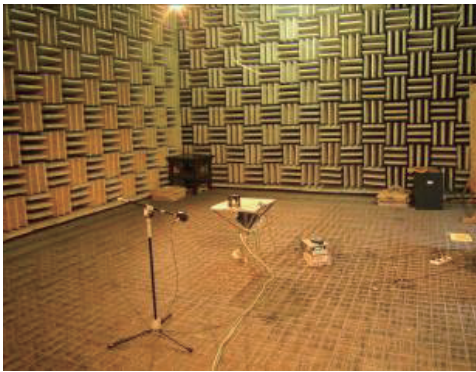
3.主要材料,零件规格/Main Materials,Parts Specification

1	轴承/Bearing	■ 双滚珠轴承/Dual Ball Bearing			□ 含油轴承/Sleeve Bearing	
2	外框材质/Frame	■ PBT of UL94V-0			□ 压铸铝合金/Die-cast Aluminum Alloy	
3	扇叶材质/Impeller	■ PBT of UL94V-0			□ 钢/Steel	
4	绝缘套/Bobbin	□ PBT of UL94V-0				
5	导线/Lead Wire	■ 红/Red(+)	■ 黑/Black(-)	□ 蓝/Blue(FG)-(可选)	UL1430-24#	
		□ 黄/Yellow(PWM)-(可选)		□ 白/White(RD)-(可选)	2 wires/框外 300±10mm	
6	端子/Connector	No				
7	套管/Tube	No				

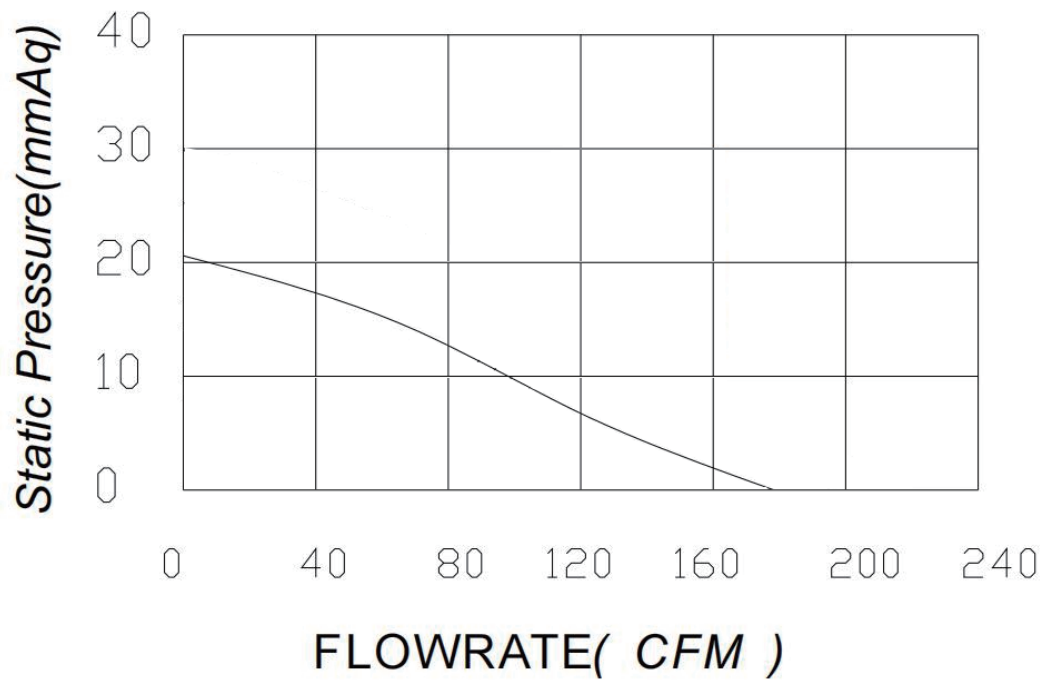
4.环境测试/Environmental Specification

项目/Item		规格.条件/Specification. Condition
1	运转温度、湿度范围 Operating Temp. Range	温度/Temperature:-15°C~+70°C
		湿度/Humidity:15%~65%RH(Frost Eliminated)
2	保存温度、湿度范围 Storage Temp. Range	温度/Temperature:-30°C~+75°C
		湿度/Humidity:15%~65%RH(Frost Eliminated)

5.噪音测试条件Noise Measure Condition

测量系统/Measurement Systems	
1.ANECHOIC Room Noise Measurement System	
2.Digital Head Measurement System,16-bit version	
3.Background Noise:<18dB(A)	
	

6.性能曲线/Performance Curve



7.外形图/Outline Drawing (Unit:mm)

