

威 佳

威佳电气,
每位工程师的专业选择!

UE-iCooling- AC-BD225-A01

Product Introduction

使用产品前请仔细阅读本使用说明，并请妥善保管

1 概述

Introduction

本规格书主要描述了产品标准、使用环境、技术要求等。

This specification describes the standard、operation environment、and technic requirements of the product.

2 产品标准和安规要求

Requirement of Production Standard and Safety Regulations

2.1 本产品符合的标准 / The product satisfy requirements

2.1.1 GB12350 《小功率电动机的安全要求》

GB12350 《Safety requirments of small power motors》

2.1.2 GB/T13275 《一般用途离心通风机通用技术条件要求》

GB/T13275 《General technical requirement for general centrifugal fan》

2.1.3 EN60335-1 《家电和类似用途电器的安全要求》

EN60335-1 《Household and similar electrical appliances-safety》

2.2 本产品通过 CCC、CE 认证

The fan has CCC、CE certificate

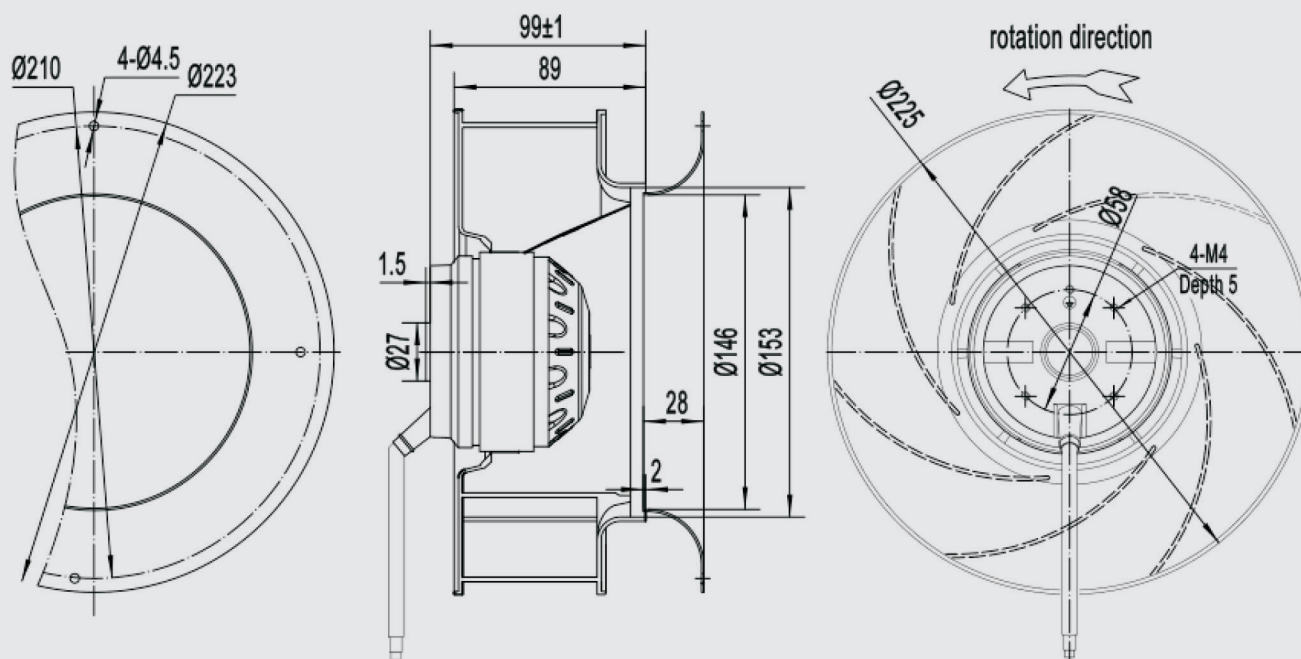
2.3 本产品全部材料符合 RoHS 要求

All material accord with RoHS

3 机械要求

Mechanical Requirements

外形图 Dimension Drawing



材质 Material	风轮为费格斯风轮，镀锌板，转子铸铝 Impeller: FERGAS, Material: Galvanised Sheet Steel, Rotor: Aluminum Casting
电机 Motor	外转子交流电机 External rotor AC motor
轴承 Bearing	NMB 免维护进口滚珠球轴承 NMB Maintenance free ball bearings
平衡 Balancing	风机在额定电压和频率下运转时，每个端面动平衡精度不低于 G2.5，符合标准 JB/T9101 At the rated voltage and frequency, the residual unbalance of the fan is not less than G2.5, (balancing precision grade) in each plane, according with JB/T9101
振动 Vibration of the fan	风机振动速度有效值按照 JB/T8689 标准规定 Vibration speed virtual value of fans accord with JB/T8689

UE-iCooling-AC-BD225-A01

跳动 Runout of impeller	风轮轴向、径向跳动 $\leq 0.8\text{mm}$ Runout of impeller in axial and radial direction $\leq 0.8\text{mm}$
寿命 Life time	风机寿命估算值 30000 小时, (在额定电压、环境温度为 20°C 、风机全速运转时) Fan life expectancy 30000 hours, determined when at nominal supply voltage, running at full speed, environment temperature of 20°C

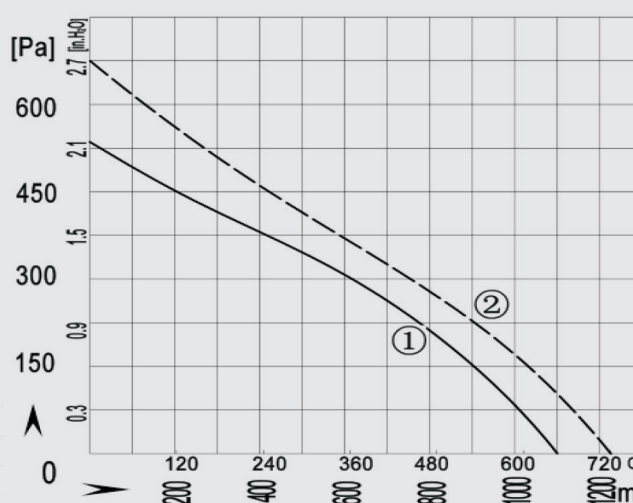
4 风机性能

Fan Performance

性能参数 Performance Data

	Voltage	Frequency	Current	Input Power	Speed	Capacitor	Air Flow	Noise	Operating Temperature	Curve No.	Approvals
Model No.	V	Hz	A	W	rpm	μF	$\text{m}^3/\text{h}/\text{CFM}$	dB(A)	Min / Max($^{\circ}\text{C}$)	#	
AC-BD225-A01	220/230	50	0.6	135	2600	5/500	1170/877	74	-30 / +60	①	CCC ,CE,RoHS

特性曲线 Performance Curve

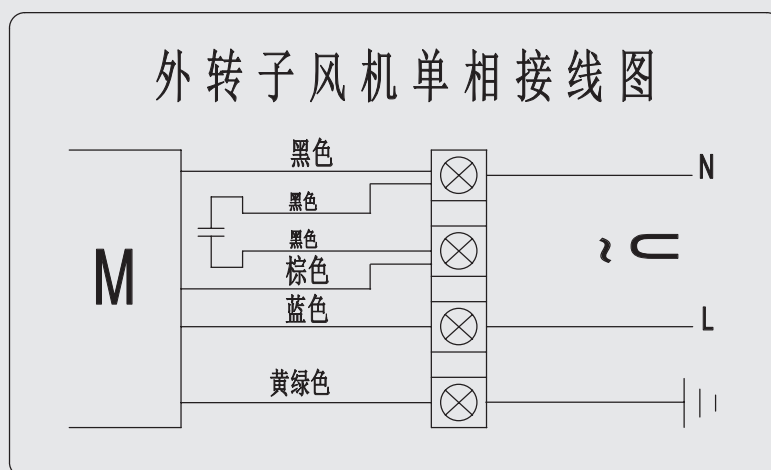


5 电气性能

Electrical Performance

电压范围 Voltage range	风机设计的额定运行电压为 220V，可运行的电压范围是 198 ~ 242V The fan is designed to operate at a nominal voltage of 220V but can be operated in the AC supply voltage range of 198 to 242 V
保护 Protection	电机有热保护功能，断开温度 :150—160℃，复位温度 :100—130℃ This motor with heat protection, cut off temperature: 150—160℃, replacement temperature 100—130℃
防护等级 Type of protection	风机的防护等级为 IP44 Type of protection is IP44
绝缘等级 Insulation Class	F

接线图 Wiring Diagram



6 质量要求

Quality requests

质量要求符合 ISO9001:2000 / Quality requests accord with ISO9001:2000

质量要求符合企业标准 / Quality requests accord with AFL standard

7 使用和存储环境

Operating and Storing Environment Requirements

使用环境 / Operating environment requirements

使用温度范围 Operating temperatures from	使用湿度范围 Operating humidity from	海拔高度 The altitude
-30°C ~ +60°C	0% ~ 95% RH	≤ 1000m

贮存环境 / Storing environment requirements

贮存温度范围 Storing temperatures	贮存湿度范围 Storing humidity
-40°C ~ +80°C	0% ~ 75% RH

8 包装和标识

Packaging and Marks

包装 /Packaging

泡沫盒包装 /Bubble chamber packaging

标识 /Marks

制造商名称、产品型号、重量、尺寸等

Markings: Name of manufacturer, type of fan, date of manufacture, weight, Size etc.

附件 /Other requirements on accessory

电容 /Capacitor

■ 带 /Yes, □ 不带 /No, □ 根据销售订单配备 /For Salers'request;

连接件要求 /Annectent parts

端子 /terminal(□ 有 /Yes、■没有 //No)

UE-iCooling-AC-BD225-A01

Product Introduction

Vaule Plus,
Professional Choice for Each Engineer!

Wuxi Vaule Plus Electric Power Technology Co.,Ltd.
South side of shuofanlihe road and west side of sun'an highway, Xinwu District, Wuxi City
Email sale@vauleplus.com

