规格书

SPECIFICATION

MODEL
K-AC92-M230-12

1. Purpose

This specification provides part specific requirements and the Engineering Standard and/or Engineering requirements.

2. Engineering standard and safety regulations

2.1 Engineering standard

2.1.1

GB/T 12350 *Safety requirements of small-power motors*

2.1.2

JB/T 10563 *Technical specification for general purposes centrifugal fans*

2.1.3

EN 60335-1 *Safety of household and similar electrical appliances*

2.2 Certification

☐ CE-EMC ☐ TUV ■ CCC

☐ Others

2.3

All material accord with RoHS.

3. Operating environment requirements

3.1 Operating temperature and humidity

-40 ° C～+80 ° C, 5%～85%RH。

Operating temperatures from -40 ° C to +80 ° C, Operating humidity from 5% to 85% RH.

4.

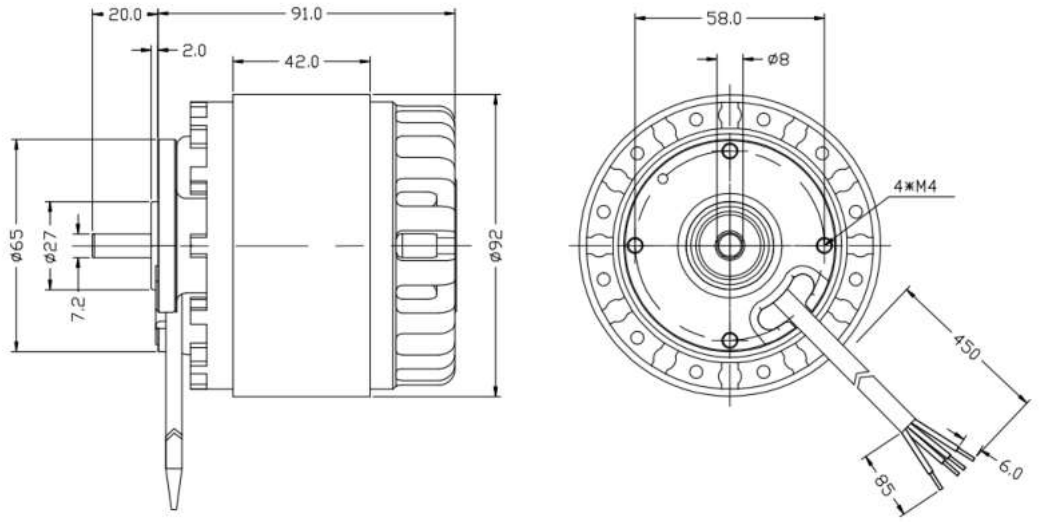
Weight: about 2.1kg/pcs

5. Prote ction

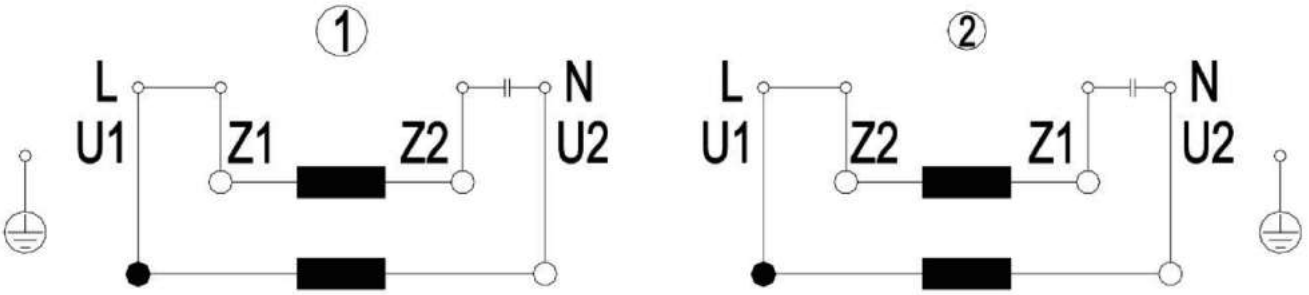
This motor with heat protection, cut off temperature: 140 ° C-150 ° C, replacement temperature:80 ° C-110 ° C.

6. Mechanical requirements

6.1 Dimension drawing



6.2 View lead connection



1 = (Dextral) 2 = (Sinistral)

U1= (BLK) U2= (GREY) Z1= (BLUE) Z2= (BRN)

6.3 Balan cing

When the motor is running at 1400 ± 10%r/min, the dynamic balance accuracy of each end side is not lower than the balance quality grade G6.3.

6.4 Motor type of protection

Ingress protection class is IP00

6.5 Life expe ctance

The life expectancy is 40,000 hours at rated voltage, ambient temperature of 40 ° C, and continuous operation of the fan at full speed (According to the actual working conditions of the product, the life expectancy will be different) .The warranty period is subject to the agreement agreed by both parties.

7. Fan performance

7.1 Rating data

Performance parameters of voltage 230VAC and frequency 50Hz, Motor grade: 4P

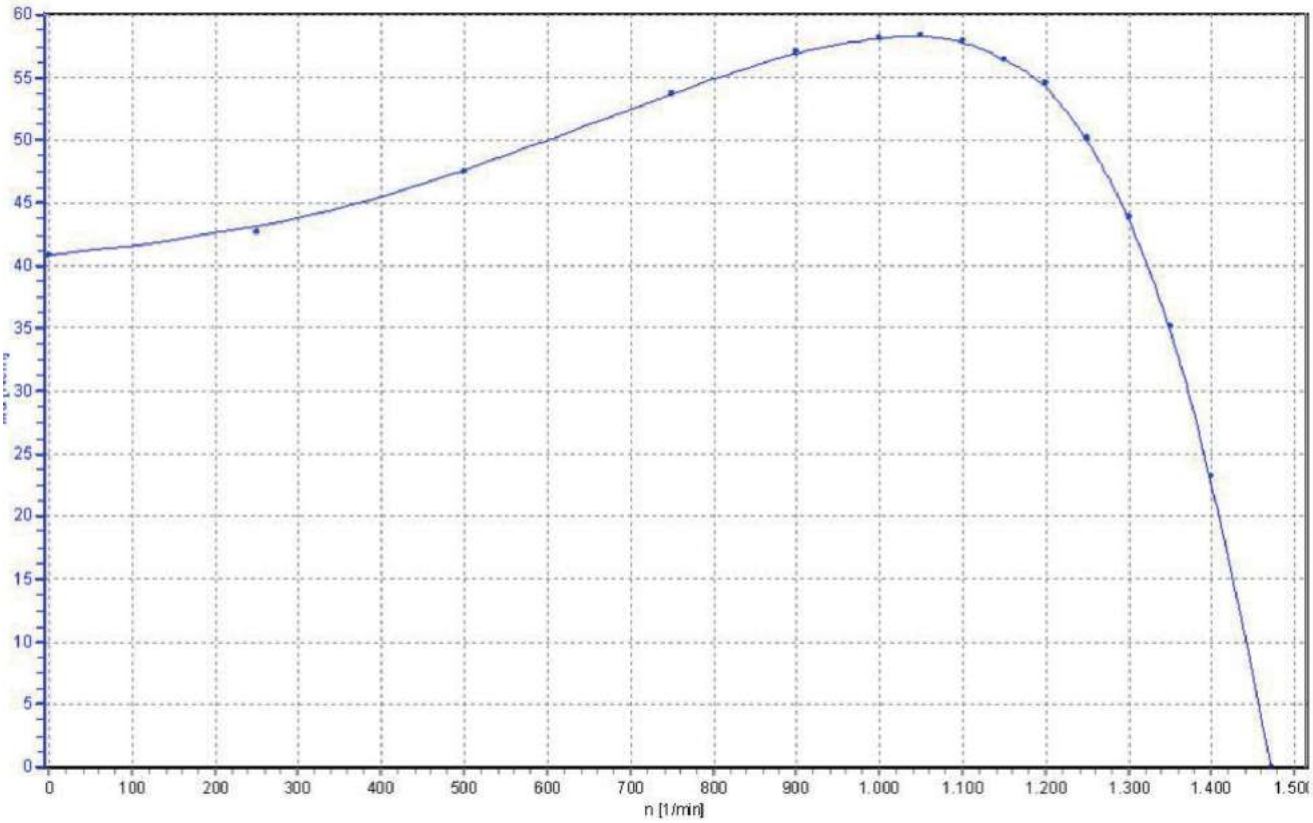
Voltage [VAC]	Frequency [Hz]	Current draw [A]	Power input [W]	Speed [r/min]	Rated torque [Ncm]	Operating temperatures [° C]	Insulation class	Capacitor [uF]
230	50	0.6	129	1250	50	-40- +80	F	5

Performance parameters of voltage 230VAC and frequency 50Hz, Motor grade: 2P

Voltage [VAC]	Frequency [Hz]	Current draw [A]	Power input [W]	Speed [r/min]	Rated torque [Ncm]	Operating temperatures [° C]	Insulation class	Capacitor [uF]
230	50	0.9	205	2500	40	-25- +40	F	6

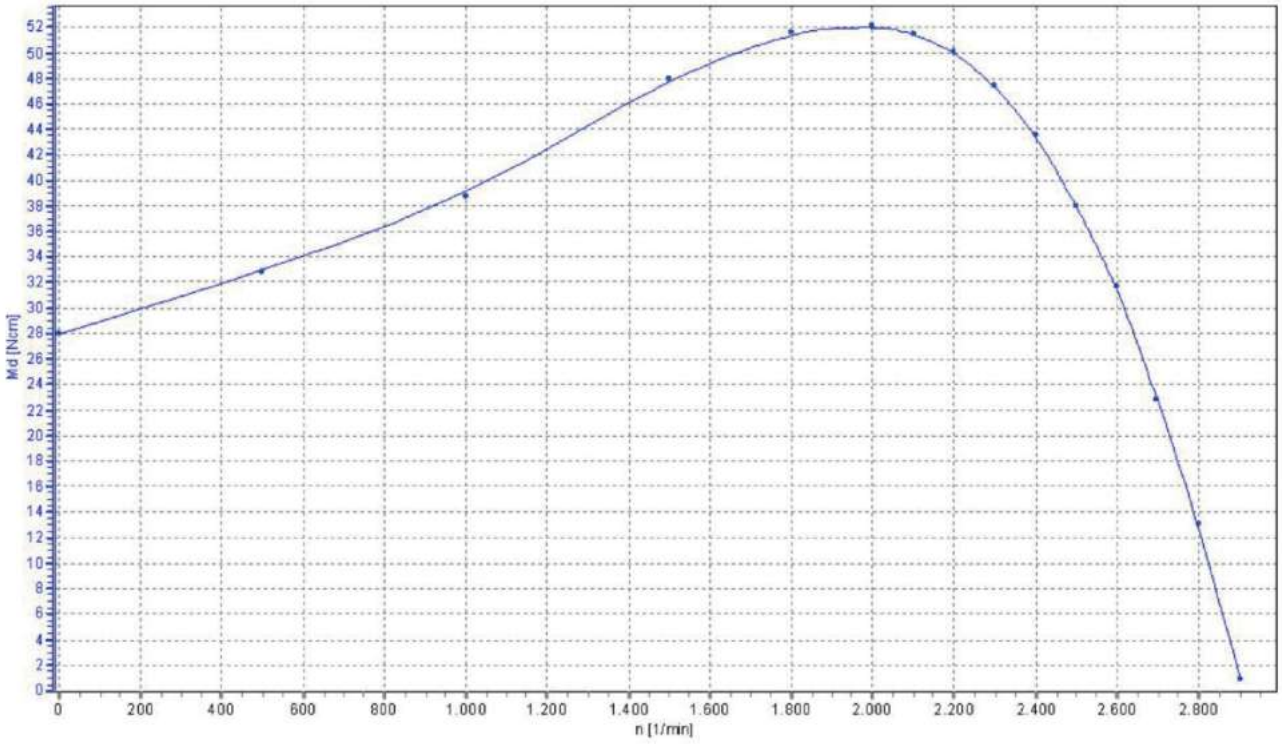
7.2 Performan ce curve

Performance curve at voltage 230VAC frequency 50Hz, Motor grade: 4P



	u	f	n	Pe	I	Md
	V	Hz	r/min	W	A	Ncm
1	230	50	1250	130	0.6	50

Performance curve at voltage 230VAC frequency 50Hz, Motor grade: 2P



	u	f	n	Pe	I	Md
	V	Hz	r/min	W	A	Ncm
2	230	50	2500	205	0.9	40

8. Packaging and marks .

8.1 Packaging

The package must have a defined size and a suitable structure to ensure that the fan will not be damaged.