

EC-4P系列电动机产品概述

EC-4P SERIES MOTOR PRODUCT INTRODUCTION

- ◆ EC电机为单相直流无刷电机，电源为220-240V/50/60Hz或110-120V 60Hz,电机内部嵌入智能控制板，采用永磁转子。广泛应用于冰箱、冰柜、酒柜、陈列柜、蒸发器、散热器等领域；
- ◆ 高效节能，电转换效率比同类型的单相交流异步电机有大幅度提升；
- ◆ 防水防尘防爆设计；
- ◆ 电机转速选择范围宽（1000RPM-3000RPM）；
- ◆ 电机的绝缘等级为H级；
- ◆ 适用环境温度：-40°C ~ +50°C。

◆ The EC motor is the single-phase brushless DC motor. The power supply is 220-240V/50/60Hz or 110-120V 60Hz. In the motor, there is the built-in intelligent control panel. The permanent-magnet rotor is used. This motor is widely applied in refrigerators, freezers, wine cabinets, showcases, evaporators, radiators, etc.

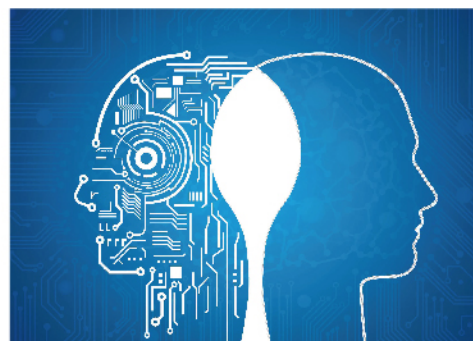
◆ This motor has features, such as high efficiency and energy saving. The electrical conversion efficiency has been greatly improved compared with the same type of single-phase AC asynchronous motor.

◆ Adopt the water-proof, dust-proof and explosion-proof design.

◆ The motor has wide speed selection range (1,000RPM-3,000RPM).

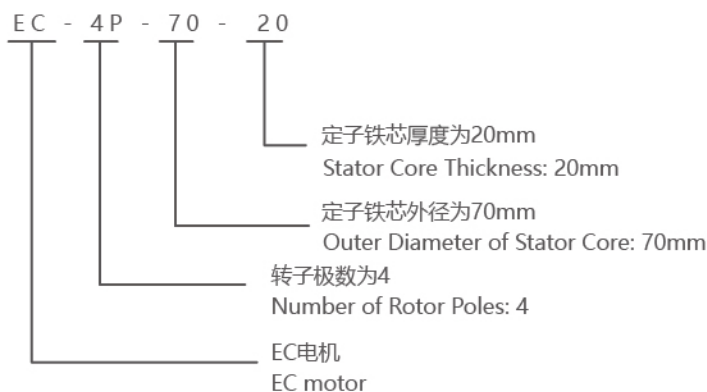
◆ The motor's insulation grade is Grade H.

◆ Applicable environmental temperature: -40°C ~ +50°C.



型号说明 Model description

例如
For example:



EC-4P系列电动机

EC-4P SERIES MOTORS

产品说明 Product description

- 1、本系列电机具有转速选择范围宽、节能环保、防爆安全、噪音低、寿命长等优点；
- 2、本系列电机适用于冷柜、冰柜、酒柜、保鲜柜、散热器、蒸发器等制冷设备；
- 3、本系列电机的引出线规格及尺寸“L”可根据用户要求生产；
- 4、电机的旋转方向可以根据客户要求来定(CW,CCW都可以)。

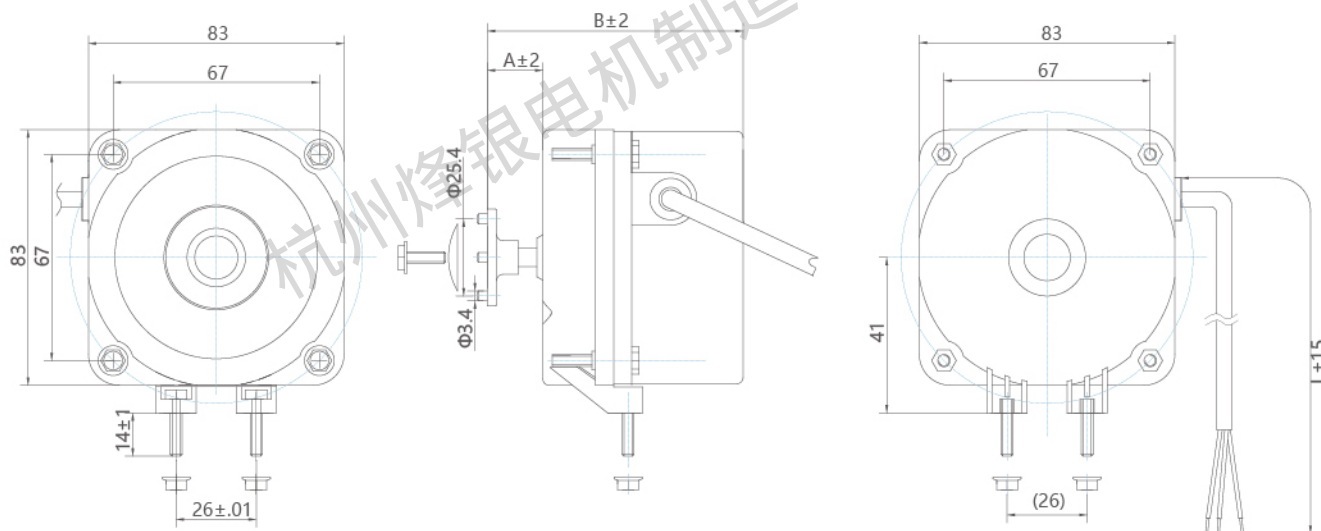
1. This series motor has advantages, such as wide speed selection range, energy saving & environmental protection, explosion-proof safety, low noise, and long service life.
2. This series motor is applicable to refrigerators, freezers, wine cabinets, fresh-keeping cabinets, radiators, evaporators, and other refrigeration equipment.
3. This series motor's outgoing line specification and dimension "L" may be produced according to the user requirements.
4. The motor's rotation direction may be customized according to the client requirements (applicable to CW and CCW).

使用说明

工作方式：S1 绝缘等级：Class H
防护等级：IP65 环境温度：-40°C ~ +50°C

Instructions for Use

Operating mode: S1 Insulation grade: Class H
Protection Class: IP65 Environmental Temperature: -40°C ~ +50°C



电机性能参数表 Motor performance parameter table

Model 型号	Rated voltage 额定电压 V	Rated frequency 额定频率 Hz	Input power 输入功率 W	Rated power 额定功率 W	Rated current 额定电流 A	Rated speed 额定转速 r/min	Size 尺寸	
							A mm	B mm
EC-4P-70-08	220-240	50/60	9	5	0.06	1300-1800	12	72
	110-120	60	9	5	0.12	1300-1800	12	72
EC-4P-70-12	220-240	50/60	16	10	0.10	1300-1800	12	76
	110-120	60	16	10	0.18	1300-1800	12	76
EC-4P-70-20	220-240	50/60	32	20	0.22	1300-1800	12	84
	110-120	60	32	20	0.38	1300-1800	12	84