

YGF系列贯流风机产品概述

YGF SERIES CROSS-FLOW FAN PRODUCT INTRODUCTION

- ◆YGF系列为贯流风机又叫横流风机，横流风机的最大特点是气体两次经过风机叶轮，气体沿径向流入，再沿径向流出，进气和排气方向处于同一平面，所排气体沿风机出口宽度方向分布均匀。
- ◆风机结构简单、体积小，外壳为精密模具冲压成型，镀锌板材质，外观精美，结构稳定，风量大，风压高，且振动小、噪音低，广泛用于空调、干燥机、冷冻和陈列柜、恒温箱、冷气扇、空调扇、塔扇、暖风机、电壁炉、晾衣架、风幕机、嵌入式烤箱等家用电器。
- ◆电机的绝缘等级为F级，可根据客户要求生产A级、E级、B级、H级的电机。
- ◆适用环境温度：-30℃~+80℃。
- ◆电机平均使用寿命为20000小时以上。
- ◆电机通过CCC认证。
- ◆电机使用前，必须将电机接地线与外部接地装置有效连接。

◆YGF series cross-flow fan is also called transverse-flow fan. The greatest feature of the transverse-flow fan is that, the gas passes through the fan impeller for twice, inflowing and outflowing in the radial direction. The gas inlet and outlet directions are in the same plane. The outlet gas shall be evenly distributed in the fan outlet width direction.

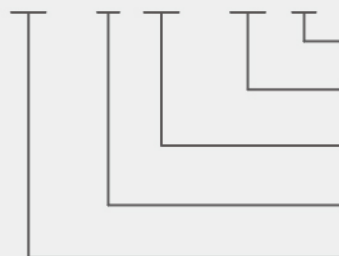
◆The fan has simple structure, with small volume. The shell adopts the precise die mould press forming, made of galvanized sheet material, enjoying advantages, such as exquisite appearance, stable structure, large air flow, high wind pressure, little vibration, and low noise. This fan is widely applied in air conditioners, dryers, freezers, showcases, thermostats, cooling fans, air conditioner fans, tower fans, fan heaters, wall-mounted electric furnaces, clothes hangers, wind curtain machines, built-in ovens, and other household appliances.

- ◆ The motor's insulation grade is Grade F and the company may produce the motors with the insulation grade of Grade A, Grade E, Grade B and Grade H according to the client requirements.
- ◆ Applicable environmental temperature: -30℃~+80℃.
- ◆ The average service life of motors is over 20,000 hours.
- ◆ The motor has obtained the CCC Certification.
- ◆Before the motor is used, it is required to effectively connect the grounding wire of motors to the external grounding device.



型号说明 Model description

YGF / Y 60 - 180 A



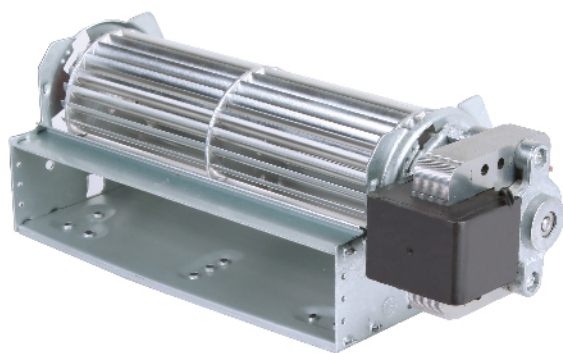
- A: 带安装孔 B: 不带安装孔 C: 方型
A: With a mounting hole B: Without a mounting hole C: Square
- 风壳出口长度
Wind Shell Outlet Length
- 叶轮直径
Impeller Diameter
- Y: 电机安装在风机的右边 Z: 电机安装在风机的左边
Y: The motor is installed on the right of the fan
Z: The motor is installed on the left of the fan
- 贯流风机
Cross-flow fan

YGF系列贯流风机型号规格对照表

YGF SERIES CROSS-FLOW FAN MODEL & SPECIFICATION COMPARISON TABLE

Wind Wheel Series 风轮系列	Serial No. 序 号	Model & Specification 型号规格	Common Specification 常用规格
Ø33系列	1	YGF/ZY33-160C	•
	2	YGF/ZY33-200C	•
	3	YGF/ZY33-250C	•
	4	YGF/ZY33-300C	•
Ø40系列	1	YGF/ZY40-100C	
	2	YGF/ZY40-160C	
	3	YGF/ZY40-180C	
	4	YGF/ZY40-200C	•
	5	YGF/ZY40-220C	
	6	YGF/ZY40-260C	•
	7	YGF/ZY40-300C	
	8	YGF/ZY40-350C	
	9	YGF/ZY40-360C	
	10	YGF/ZY40-400C	
Ø48系列	1	YGF/ZY48-190C	•
	2	YGF/ZY48-240C	•
Ø50系列	1	YGF/ZY50-160C	•
	2	YGF/ZY50-195C	
Ø60系列	1	YGF/ZY60-120AB	
	2	YGF/ZY60-140AB	
	3	YGF/ZY60-180AB	•
	4	YGF/ZY60-184AB	
	5	YGF/ZY60-200AB	
	6	YGF/ZY60-220AB	
	7	YGF/ZY60-240AB	•
	8	YGF/ZY60-300AB	•
	9	YGF/ZY60-360AB	•
	10	YGF/ZY60-400AB	•
	11	YGF/ZY60-420AB	•
Ø64系列	1	YGF/ZY64-240AB	
	2	YGF/ZY64-300AB	
	3	YGF/ZY64-360AB	
Ø65系列	1	YGF/ZY65-240AB	
	2	YGF/ZY65-300AB	

• 代表常用规格

YGF系列贯流风机 - (灌封贯流风机 $\Phi 60 \times 180$)YGF SERIES CROSS-FLOW FAN – (ENCAPSULATING
-TYPE CROSS-FLOW FAN $\Phi 60 \times 180$)

产品说明 Product description

- 1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点;
- 2、本系列电机适用于空调、电壁炉、壁挂炉、电烤箱、晾衣架、干衣机、冷却装置、通风设备、空气净化器;
- 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。

1.This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.

2.This series motor is applicable to air conditioners, wall-mounted electric furnaces, wall-mounted electric ovens, clothes hangers, clothes dryers, cooling devices, ventilation equipment, air purifiers, etc.

3.This series motor's outgoing line specification and dimension "L" may be produced according to the user requirements.

使用说明

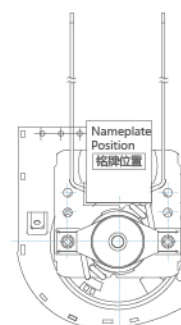
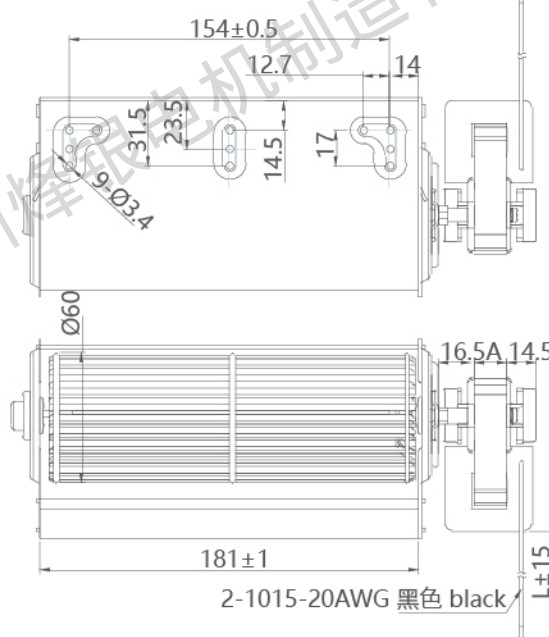
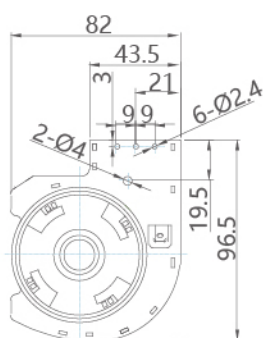
工作方式: S1 绝缘等级: Class F

防护等级: IP41 环境温度: $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$

Instructions for Use

Operating mode: S1 Insulation grade: Class F

Protection Class: IP41 Environmental Temperature: $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$



电机性能参数表 Motor performance parameter table

Type 风机型号	Model 电机型号	Rated voltage 额定电压 V	Rated frequency 额定频率 Hz	Input power 输入功率 W	Rated current 额定电流 A	Rated speed 额定转速 r/min	Air volume 额定风量 m³/h	Size 尺寸		Classification 绝缘等级
								A mm	L mm	
YGF/Y60-180B	YJF61-16	220-240	50/60	16	0.15	1600	120	可根据客户要求定制		B F H
		110-120	60	16	0.15	1750	120	可根据客户要求定制		B F H
YGF/Y60-180B	YJF61-20	220-240	50/60	22	0.20	2000	140	可根据客户要求定制		B F H
		110-120	60	22	0.20	2150	140	可根据客户要求定制		B F H
YGF/Y60-180B	YJF61-25	220-240	50/60	26	0.25	2250	160	可根据客户要求定制		B F H
		110-120	60	26	0.25	2400	160	可根据客户要求定制		B F H

YGF系列贯流风机 - (贯流风机 $\Phi 60 \times 240$)YGF SERIES CROSS-FLOW FAN – (ENCAPSULATING
-TYPE CROSS-FLOW FAN $\Phi 60 \times 240$)

产品说明 Product description

- 1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
- 2、本系列电机适用于空调、电壁炉、壁挂炉、电烤箱、晾衣架、干衣机、冷却装置、通风设备、空气净化器等；
- 3、本系列电机的性能尺寸可根据用户要求设计与生产。

1.This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.

2.This series motor is applicable to air conditioners, wall-mounted electric furnaces, wall-mounted furnaces, electric ovens, clothes hangers, clothes dryers, cooling devices, ventilation equipment, air purifiers, etc.

3.This series motor's characteristic dimension may be designed and produced according to the user requirements.

使用说明

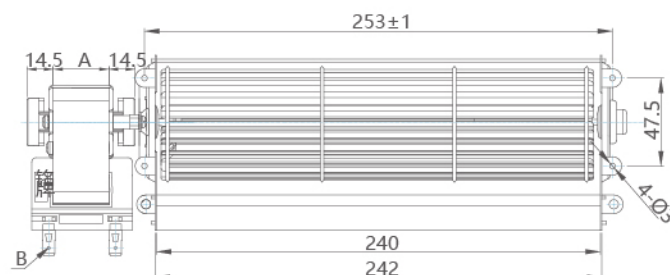
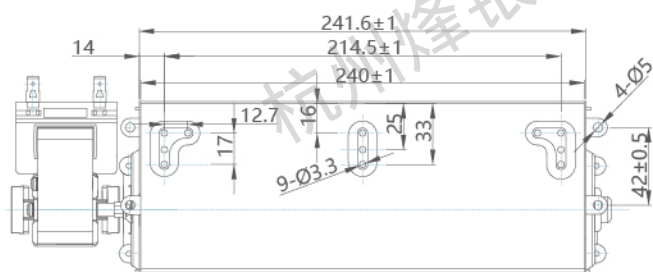
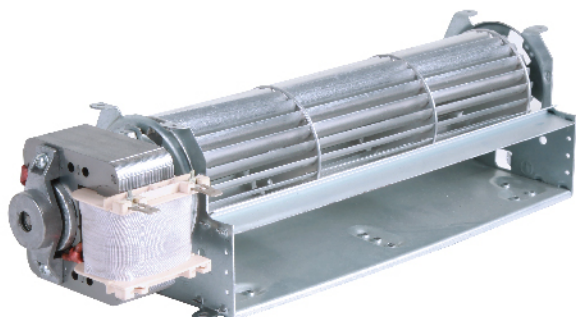
工作方式：S1 绝缘等级：Class F

防护等级：IP41 环境温度：-30°C ~ +80°C

Instructions for Use

Operating mode: S1 Insulation grade: Class F

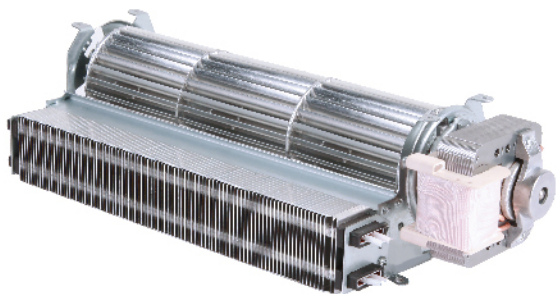
Protection Class: IP41 Environmental Temperature: -30°C ~ +80°C



电机性能参数表 Motor performance parameter table

Type 风机型号	Model 电机型号	Rated voltage 额定电压 V	Rated frequency 额定频率 Hz	Input power 输入功率 W	Rated current 额定电流 A	Rated speed 额定转速 r/min	Air volume 额定风量 m³/h	Size 尺寸		Classification 绝缘等级
								A mm	B mm	
YGF/Z60-240A	YJF61-20	220-240	50/60	23	0.25	1800	160	可根据客户要求定制		B F H
		110-120	60	23	0.25	1900	160	可根据客户要求定制		B F H
YGF/Z60-240A	YJF61-30	220-240	50/60	26	0.28	2000	180	可根据客户要求定制		B F H
		110-120	60	26	0.28	2100	180	可根据客户要求定制		B F H
YGF/Z60-240A	YJF61-35	220-240	50/60	30	0.34	2200	200	可根据客户要求定制		B F H
		110-120	60	30	0.34	2300	200	可根据客户要求定制		B F H

YGF SERIES CROSS-FLOW FAN - (CROSS-FLOW FAN WITH PTC Ø 60 X 240)



产品说明 Product description

- 1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点;
- 2、本系列电机适用于电壁炉、壁挂炉、暖风机、塔扇、电烤箱、晾衣架、干衣机等;
- 3、本系列电机的性能尺寸可根据用户要求设计与生产。

1.This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.

2. This series motor is applicable to wall-mounted electric furnaces, wall-mounted furnaces, fan heaters, tower fans, electric ovens, clothes hangers, clothes driers, etc.

3.This series motor' s characteristic dimension may be designed and produced according to the user requirements.

使用说明

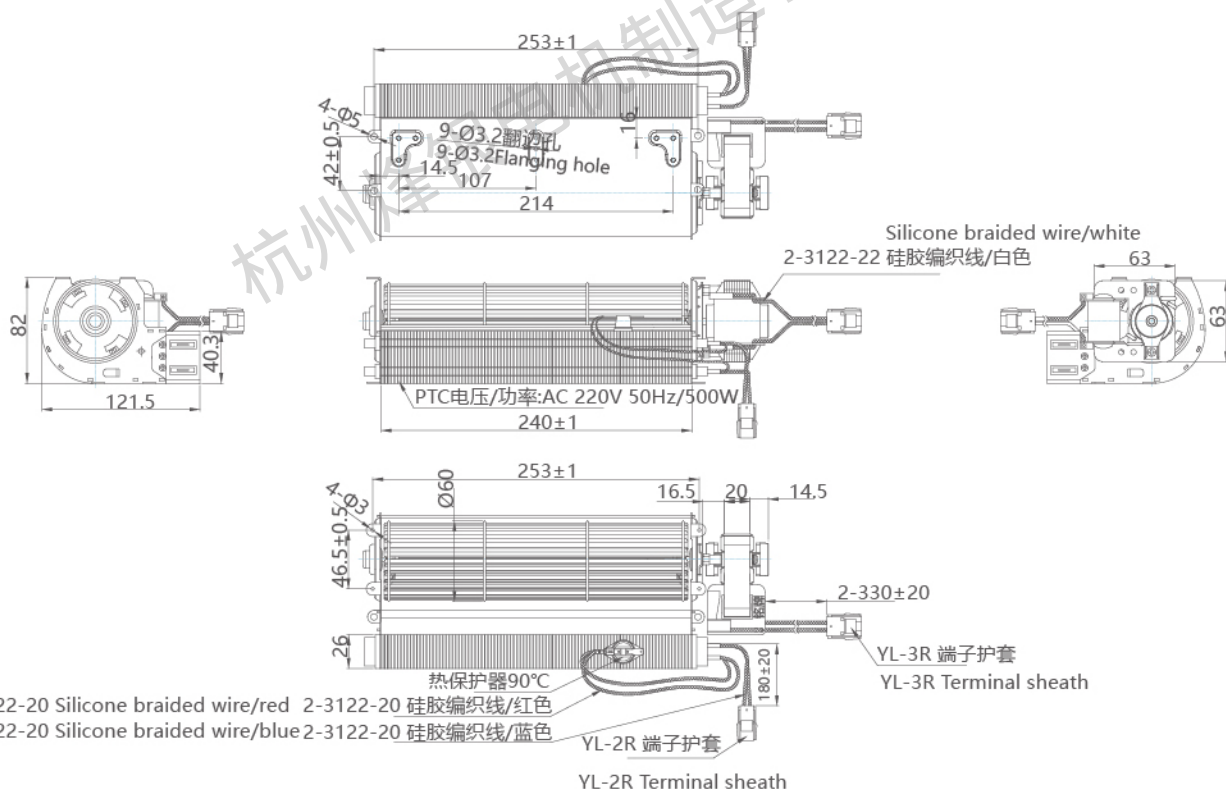
工作方式：S1 绝缘等级：Class F

防护等级：IP41 环境温度：-30℃~+80℃

Instructions for Use

Operating mode: : S1 Insulation grade: : Class F

Protection Class: : IP41 Environmental Temperature: : -30°C ~ +80°C



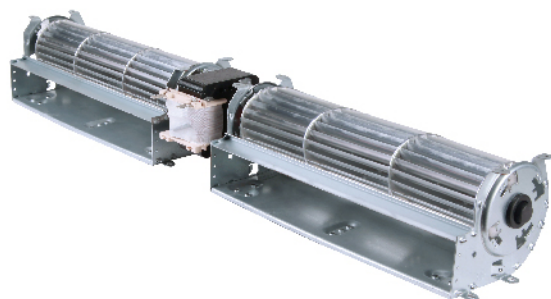
电机性能参数表 Motor performance parameter table

Type 风机型号	Model 电机型号	Rated voltage 额定电压 V	Rated frequency 额定频率 Hz	Rated input 额定功率(客户定制) W	Rated current 额定电流(客户定制) A	Rated speed 额定转速(客户定制) r/min	Air volume 额定风量(客户定制) m³/h	Outlet temperature 出风口温度(客户定制) ℃	Classification 绝缘等级
YGF/Y60-240A	YJF61-20	220-240	50/60	500-1500	1.0-3.5	1800-2200	140-230	40-70	B F H
		110-120	60	500-1500	1.0-3.5	2000-2400	140-230	40-70	B F H

YGF系列贯流风机- (双贯流风机 $\Phi 60 \times 240$)

YGF SERIES CROSS-FLOW FAN - (DOUBLE CROSS-FLOW FAN $\Phi 60 \times 240$)

产品说明 Product description



- 1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
- 2、本系列电机适用于电壁炉、壁挂炉、电烤箱、晾衣架、塔扇、干衣机、冷却装置、通风设备、空气净化器等；
- 3、本系列电机的性能尺寸可根据用户要求设计与生产。

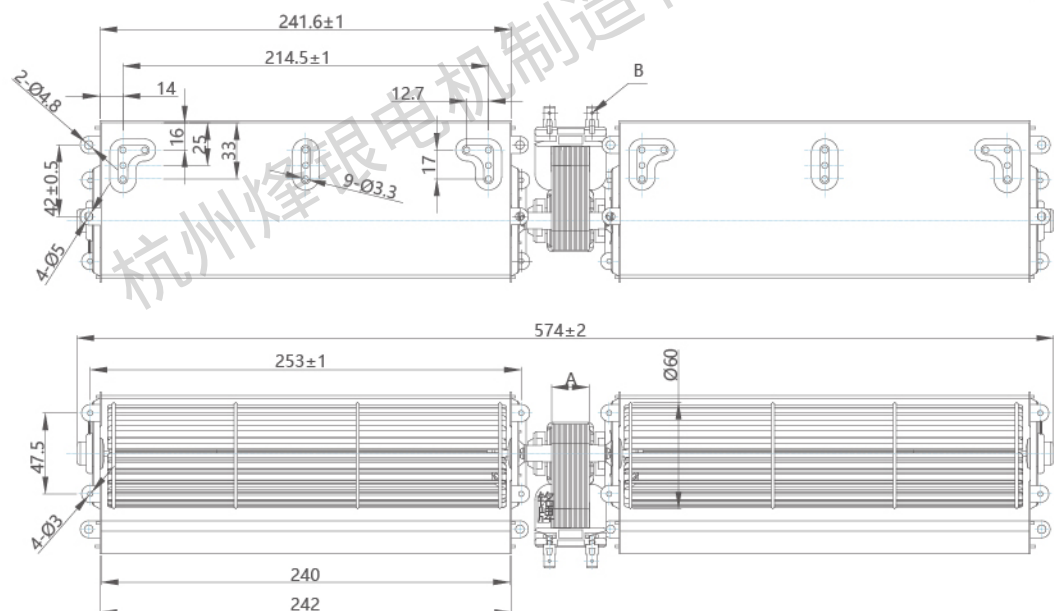
- 1.This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to wall-mounted electric furnaces, wall-mounted furnaces, electric ovens, clothes hangers, tower fans, clothes dryers, cooling devices, ventilation equipment, air purifiers, etc.
- 3.This series motor's characteristic dimension may be designed and produced according to the user requirements.

使用说明

工作方式：S1 绝缘等级：Class F
防护等级：IP41 环境温度：-30℃~+80℃

Instructions for Use

Operating mode: S1 Insulation grade: Class F
Protection Class: IP41 Environmental Temperature: -30℃~+80℃

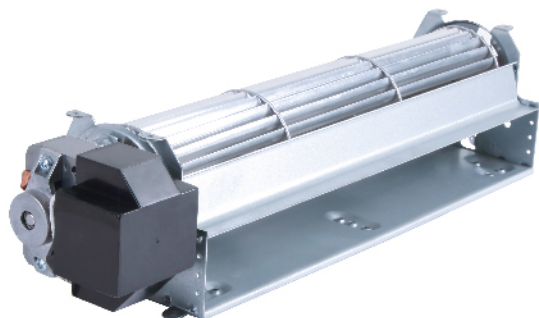


电机性能参数表 Motor performance parameter table

Type 风机型号	Model 电机型号	Rated voltage 额定电压 V	Rated frequency 额定频率 Hz	Input power 输入功率 W	Rated current 额定电流 A	Rated speed 额定转速 r/min	Air volume 额定风量 m³/h	Size 尺寸		Classification 绝缘等级
								A mm	B mm	
YGF/ZY60-240A	YJF61-20	220-240	50/60	20	0.24	1500	120	可根据客户要求定制		B F H
		110-120	60	20	0.24	1650	120	可根据客户要求定制		B F H
YGF/ZY60-240A	YJF61-30	220-240	50/60	26	0.32	1800	160	可根据客户要求定制		B F H
		110-120	60	26	0.32	1950	160	可根据客户要求定制		B F H
YGF/ZY60-240A	YJF61-35	220-240	50/60	30	0.40	2200	200	可根据客户要求定制		B F H
		110-120	60	30	0.40	2350	200	可根据客户要求定制		B F H

YGF系列贯流风机 - (贯流风机 $\Phi 60 \times 300$)

YGF SERIES CROSS-FLOW FAN - (CROSS-FLOW FAN $\Phi 60 \times 300$)



产品说明 Product description

- 1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
- 2、本系列电机适用于电壁炉、壁挂炉、电烤箱、晾衣架、塔扇、干衣机、冷却装置、通风设备、空气净化器等；
- 3、本系列电机的性能尺寸可根据用户要求设计与生产。

1.This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.

2. This series motor is applicable to wall-mounted electric furnaces, wall-mounted furnaces, electric ovens, clothes hangers, tower fans, clothes dryers, cooling devices, ventilation equipment, air purifiers, etc.

3.This series motor's characteristic dimension may be designed and produced according to the user requirements.

使用说明

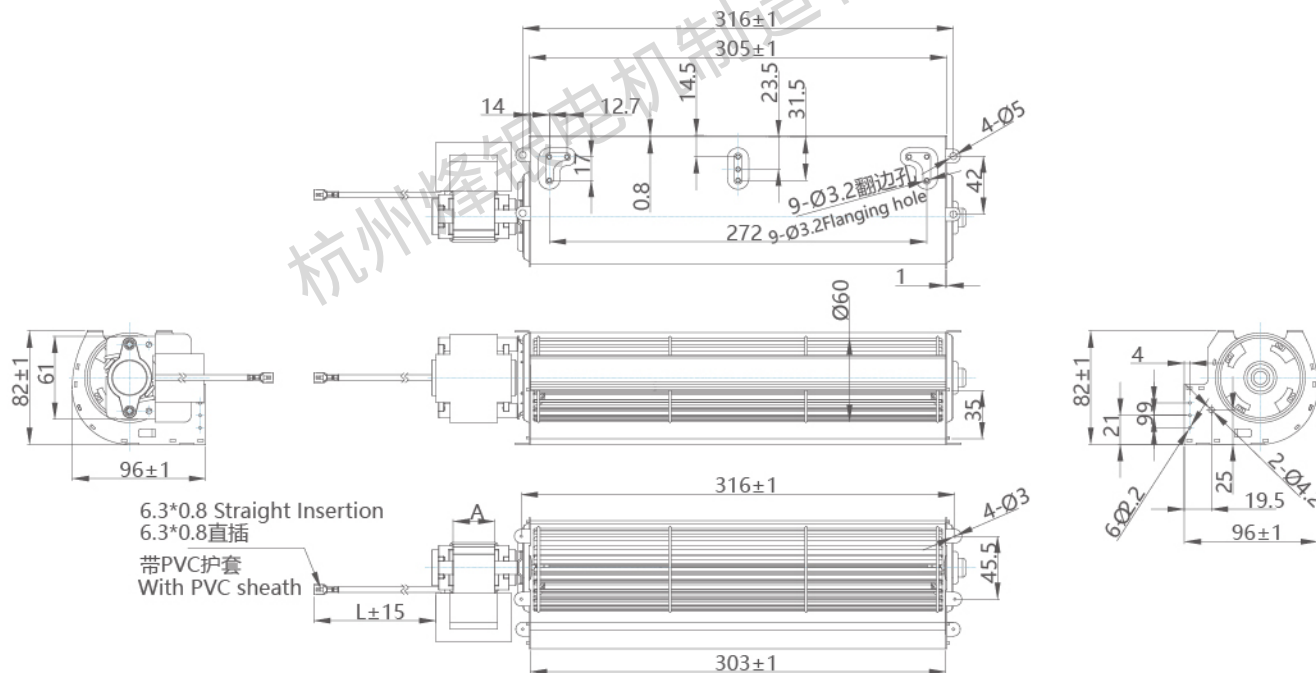
工作方式：S1 绝缘等级：Class F

防护等级：IP41 环境温度：-30℃~+80℃

Instructions for Use

Operating mode: S1 Insulation grade: Class F

Protection Class: IP41 Environmental Temperature: -30℃~+80℃

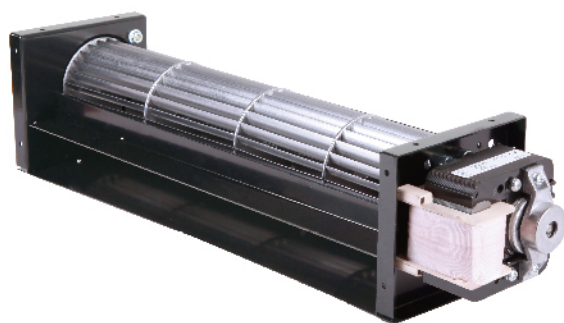


电机性能参数表 Motor performance parameter table

Type 风机型号	Model 电机型号	Rated voltage 额定电压 V	Rated frequency 额定频率 Hz	Input power 输入功率 W	Rated current 额定电流 A	Rated speed 额定转速 r/min	Air volume 额定风量 m³/h	Size 尺寸		Classification 绝缘等级
								A mm	L mm	
YGF/Y60-300A	YJF61-20	220-240	50/60	23	0.25	1800	200	可根据客户要求定制		B F H
		110-120	60	23	0.25	1950	200	可根据客户要求定制		B F H
YGF/Y60-300A	YJF61-30	220-240	50/60	26	0.28	2150	220	可根据客户要求定制		B F H
		110-120	60	26	0.28	2250	220	可根据客户要求定制		B F H
YGF/Y60-300A	YJF61-35	220-240	50/60	30	0.34	2250	240	可根据客户要求定制		B F H
		110-120	60	30	0.34	2400	240	可根据客户要求定制		B F H

YGF系列贯流风机 - (方型贯流风机 $\Phi 60 \times 300$)

YGF SERIES CROSS-FLOW FAN - (SQUARE CROSS-FLOW FAN $\Phi 60 \times 300$)



产品说明 Product description

- 1、本系列电机具有安全可靠、噪音低、振动小、起动性能好、寿命长等优点；
- 2、本系列电机适用于电壁炉、壁挂炉、电烤箱、晾衣架、塔扇、干衣机、冷却装置、通风设备、空气净化器等；
- 3、本系列电机的性能尺寸可根据用户要求设计与生产。

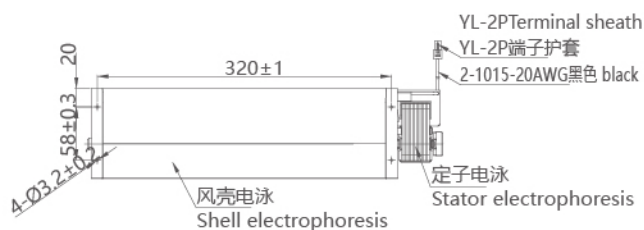
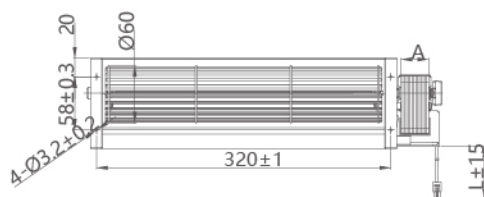
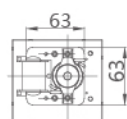
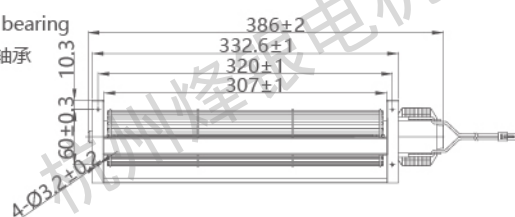
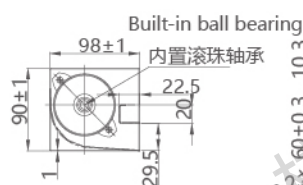
- 1.This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to wall-mounted electric furnaces, wall-mounted furnaces, electric ovens, clothes hangers, tower fans, clothes dryers, cooling devices, ventilation equipment, air purifiers, etc.
- 3.This series motor's characteristic dimension may be designed and produced according to the user requirements.

使用说明

工作方式：S1 绝缘等级：Class F
防护等级：IP41 环境温度：-30°C ~ +80°C

Instructions for Use

Operating mode: S1 Insulation grade: Class F
Protection Class: IP41 Environmental Temperature: -30°C ~ +80°C



电机性能参数表 Motor performance parameter table

Type 风机型号	Model 电机型号	Rated voltage 额定电压 V	Rated frequency 额定频率 Hz	Input power 输入功率 W	Rated current 额定电流 A	Rated speed 额定转速 r/min	Air volume 额定风量 m³/h	Size 尺寸		Classification 绝缘等级
								A mm	L mm	
YGF/Y60-307C	YJF61-20	220-240	50/60	23	0.20	1800	210	可根据客户要求定制		B F H
		110-120	60	23	0.20	1950	210	可根据客户要求定制		B F H
YGF/Y60-307C	YJF61-30	220-240	50/60	26	0.25	2150	230	可根据客户要求定制		B F H
		110-120	60	26	0.25	2250	230	可根据客户要求定制		B F H
YGF/Y60-307C	YJF61-35	220-240	50/60	30	0.35	2350	250	可根据客户要求定制		B F H
		110-120	60	30	0.35	2450	250	可根据客户要求定制		B F H