



## YWF 系列产品概述 Summarize of Products

● YWF 系列轴流风机为外转子电机, 该系列外转子电机具有结构紧凑, 安装方便, 运行可靠, 噪音低、节能高效等特点。

● YWF 系列轴流风机分为单相异步电容运转和三相异步运转两种。广泛应用于冷凝器、蒸发器等制冷设备及通风循环领域。

● YWF 系列轴流风机的绝缘等级为 B 级, 防护等级为 IP54。电机内部均装有热保护器。

● 电压: 单相电容运转电机为 220V/50Hz, 三相电机为 380V/50Hz。我们可以按照客户要求生产不同电压、频率的电机。

● 电机电源引线标准长度为 1.5 米, 同时还有接线盒形式可供客户选择。

● 冷凝器型电机适用的环境温度为 0°C~+60°C; 蒸发器型电机适用的环境温度为 -30°C~0°C。

● 电机平均使用寿命为 30000 小时以上。

● 我厂所有电机通过欧洲 CE 认证和中国 CCC 认证。

● YWF series axial fan motors are external rotor fan motors. These motors have characteristics of compact structure, convenient installation, energy conservation and high efficiency.

● YWF series fan motors have two kinds, single phase asynchronous capacitor fan motor and three phases asynchronous fan motor. They are widely used in condenser, evaporator and other refrigeration equipment and ventilating cycle areas.

● The insulation class of the YWF series axial fan motors is B, and the protection class of that is IP54. All the motors have thermal protector in the winding.

● Voltage: The voltage of the single phase motor is 220V/50Hz, and the voltage of the three phases motor is 380V/50Hz. We can also supply other fan motors with different voltages and frequencies according to clients' requirement.

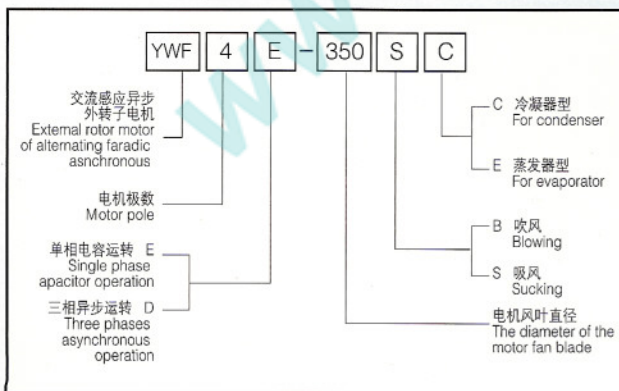
● The standard length of the electrical wire on the fan is 1.5m, and we can also supply the fan motors with connection box for clients' choices.

● The applicable ambient temperature of the fan motors used in condenser is from 0°C to +60°C. The applicable ambient temperature of the fan motors used in evaporator is -30°C to 0°C.

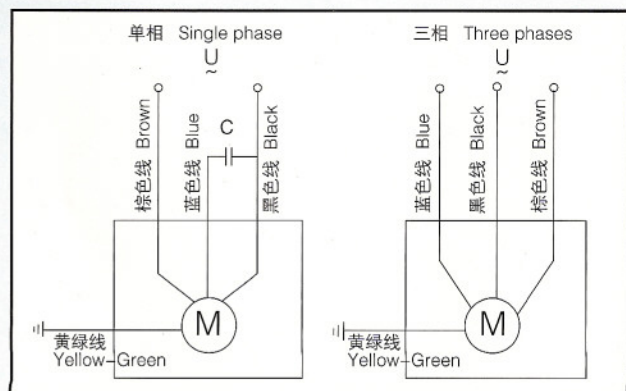
● The average service life of motors is over 30000 hours.

● All motors in our factory have got CE approval in Europe and CCC safety certificate in China.

## 型号说明 Illustration of Model

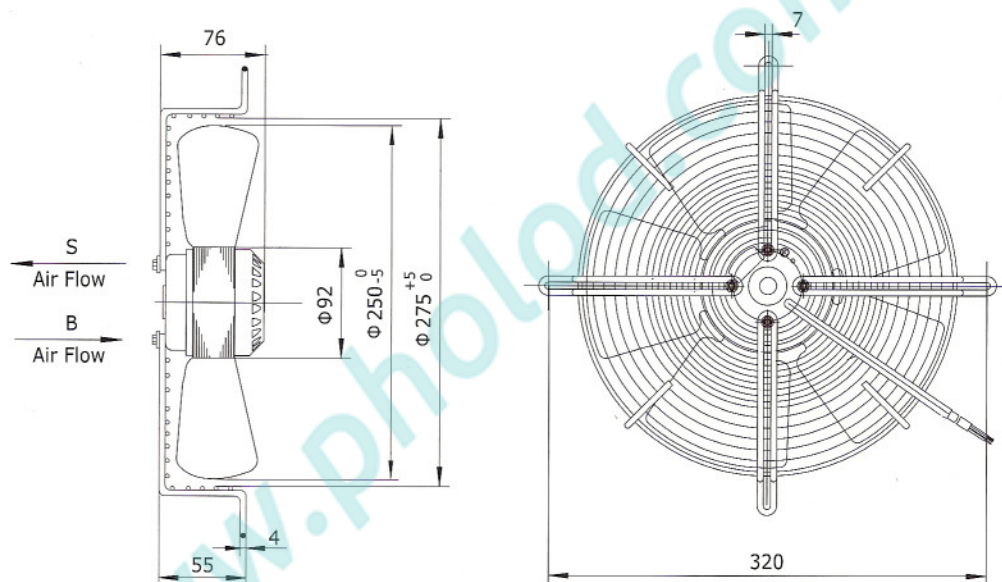
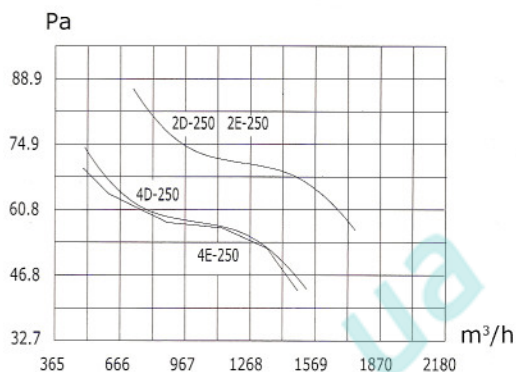
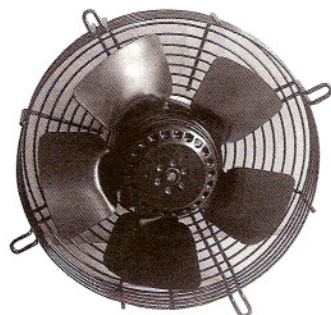


## 接线图 Wiring Diagram



## YWF 250 Series Axial Fan Motors

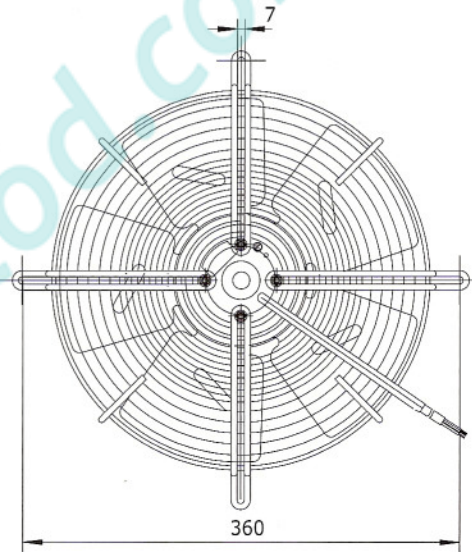
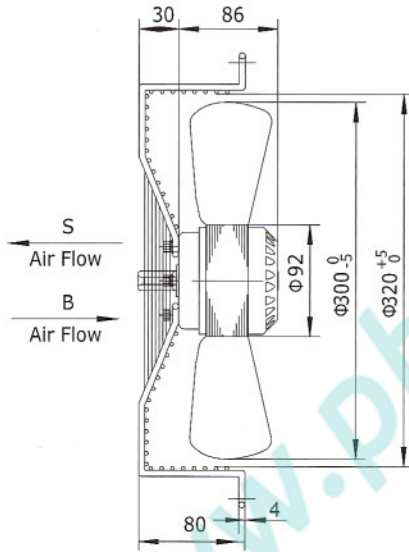
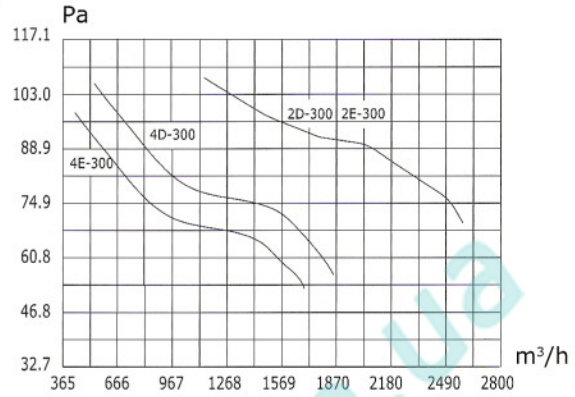
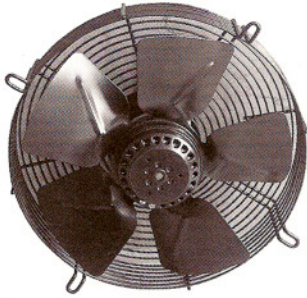
### YWF 250 系列外转子轴流风机



MODEL 型号	VOLTAGE 额定电压 V	FREQUENCY 频率 Hz	CURRENT 额定电流 A	INPUT 输入功率 W	SPEED 额定转速 r/min	AIR VOLUME 额定风量 M³/h	NOISE 噪音 dBA	CAPACITANCE 电容 $\mu$ F	APPROX. WEIGHT 净重 kg	LICENSE 证书
YWF2D-250	380	50	0.30	100	2650	1800	60	—	3.0	Ⓒ Ⓔ
YWF2E-250	220	50	0.55	100	2500	1800	60	3	3.0	Ⓒ Ⓔ
YWF4D-250	380	50	0.20	70	1400	1460	55	—	3.0	Ⓒ Ⓔ
YWF4E-250	220	50	0.30	70	1400	1460	55	3	3.0	Ⓒ Ⓔ



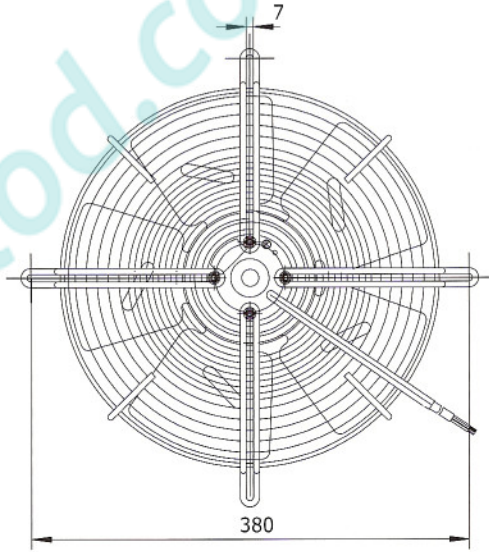
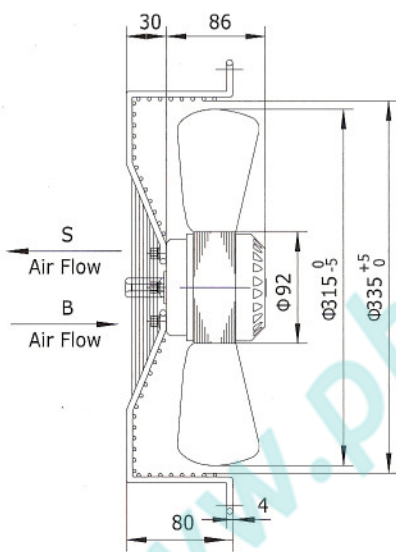
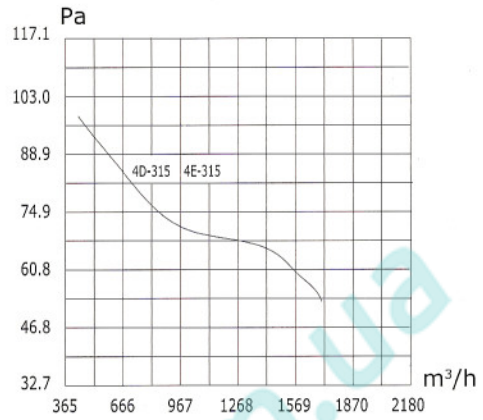
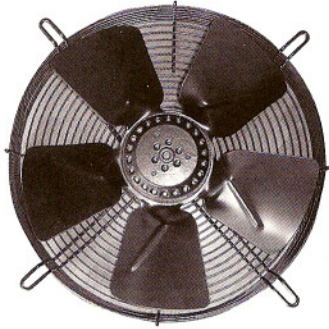
## YWF 300 Series Axial Fan Motors YWF 300 系列外转子轴流风机



MODEL 型号	VOLTAGE 额定电压 V	FREQUENCY 频率 Hz	CURRENT 额定电流 A	INPUT 输入功率 W	SPEED 额定转速 r/min	AIR VOLUME 额定风量 M³/h	NOISE 噪音 dBA	CAPACITANCE 电容 μF	APPROX. WEIGHT 净重 kg	LICENSE 证书
YWF2D-300	380	50	0.35	140	2550	2800	60	—	3.3	CCC CE
YWF2E-300	220	50	0.65	140	2530	2800	60	4	3.3	CCC CE
YWF4D-300	380	50	0.24	80	1380	1831	58	—	3.3	CCC CE
YWF4E-300	220	50	0.40	80	1380	1743	58	3	3.3	CCC CE



**YWF 315 Series Axial Fan Motors**  
**YWF 315系列外转子轴流风机**

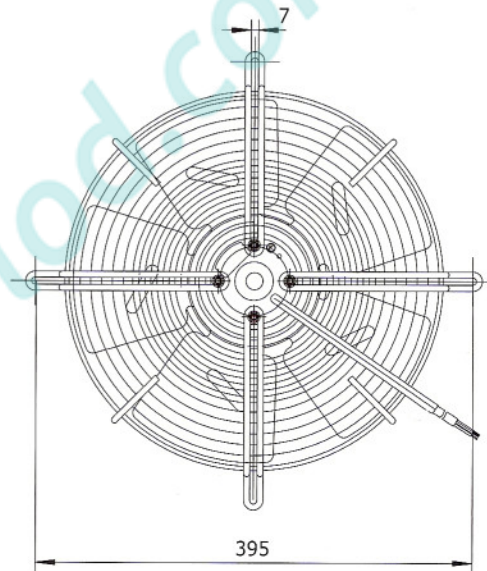
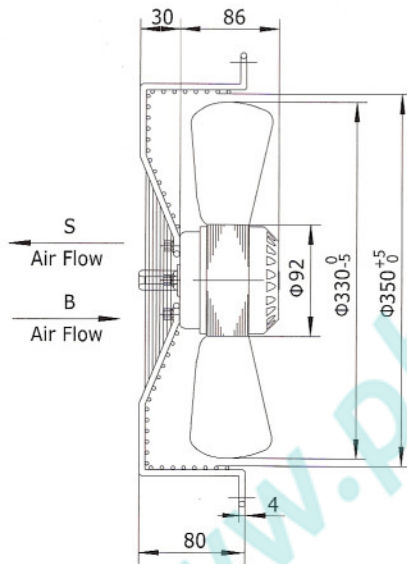
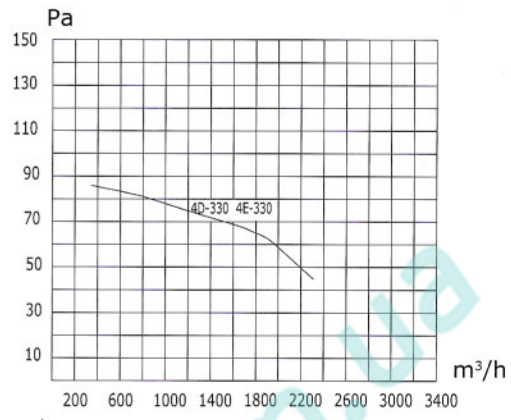
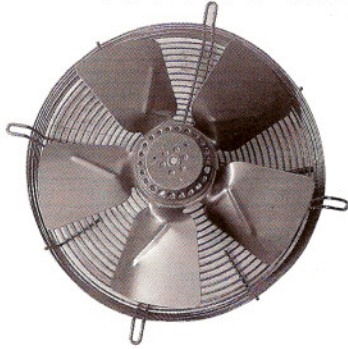


MODEL 型号	VOLTAGE 额定电压 V	FREQUENCY 频率 Hz	CURRENT 额定电流 A	INPUT 输入功率 W	SPEED 额定转速 r/min	AIR VOLUME 额定风量 M³/h	NOISE 噪音 dBA	CAPACITANCE 电容 μF	APPROX. WEIGHT 净重 kg	LICENSE 证书
YWF4D-315	380	50	0.28	90	1300	2050	58	-	3.5	Ⓜ Ⓢ
YWF4E-315	220	50	0.42	90	1300	2050	58	3	3.5	Ⓜ Ⓢ



**YWF 330 Series Axial Fan Motors**

**YWF 330 系列外转子轴流风机**

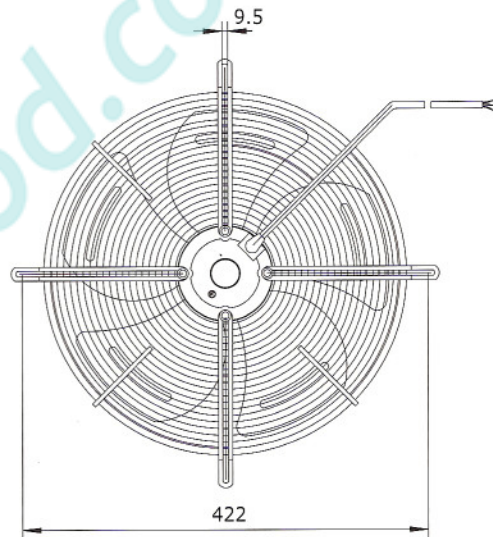
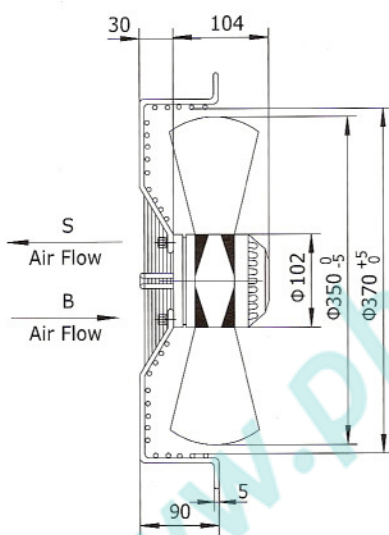
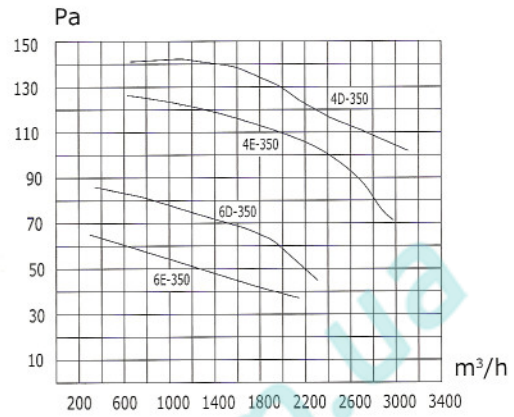
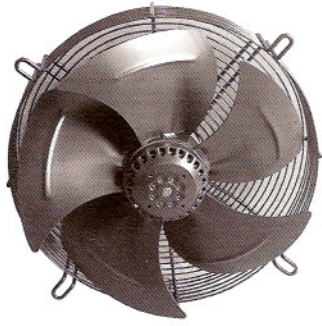


MODEL 型号	VOLTAGE 额定电压 V	FREQUENCY 频率 Hz	CURRENT 额定电流 A	INPUT 输入功率 W	SPEED 额定转速 r/min	AIR VOLUME 额定风量 M/h	NOISE 噪音 dBA	CAPACITANCE 电容 μF	APPROX. WEIGHT 净重 kg	LICENSE 证书
YWF4D-330	380	50	0.30	100	1300	2550	62	-	4.0	Ⓢ Ⓢ
YWF4E-330	220	50	0.50	110	1300	2550	62	4	4.0	Ⓢ Ⓢ



## YWF 350 Series Axial Fan Motors

### YWF 350 系列外转子轴流风机

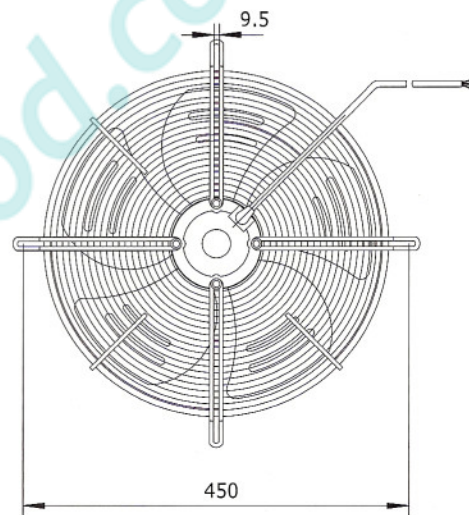
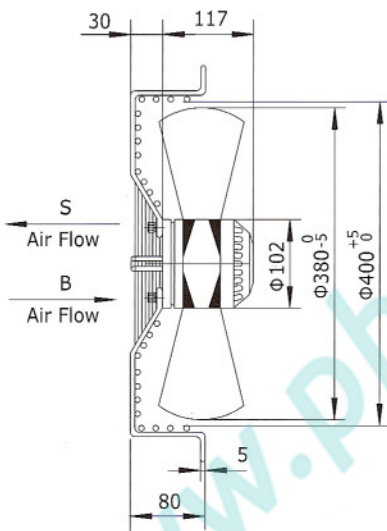
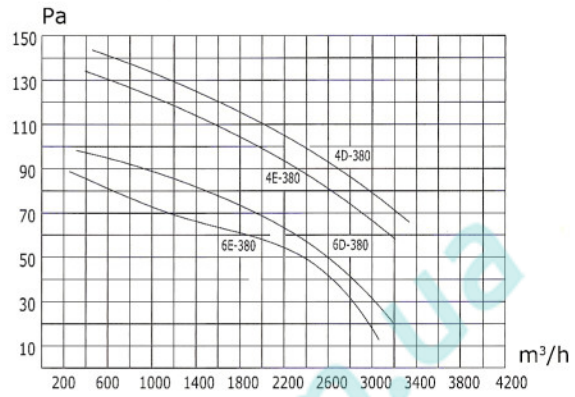


MODEL 型号	VOLTAGE 额定电压 V	FREQUENCY 频率 Hz	CURRENT 额定电流 A	INPUT 输入功率 W	SPEED 额定转速 r/min	AIR VOLUME 额定风量 M³/h	NOISE 噪音 dBA	CAPACITANCE 电容 μF	APPROX. WEIGHT 净重 Kg	LICENSE 证书
YWF4D-350	380	50	0.40	150	1380	3170	62	-	4.9	Ⓞ Ⓞ
YWF4E-350	220	50	0.70	150	1380	2973	62	4	4.9	Ⓞ Ⓞ
YWF6D-350	380	50	0.35	90	920	2100	56	-	4.9	Ⓞ Ⓞ
YWF6E-350	220	50	0.42	90	920	2000	56	3	4.9	Ⓞ Ⓞ



## YWF 380 Series Axial Fan Motors

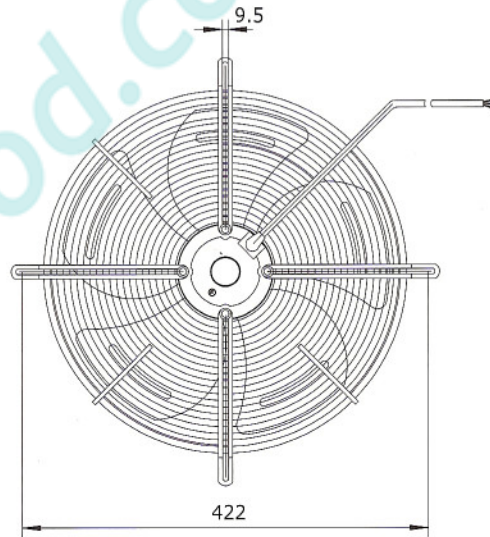
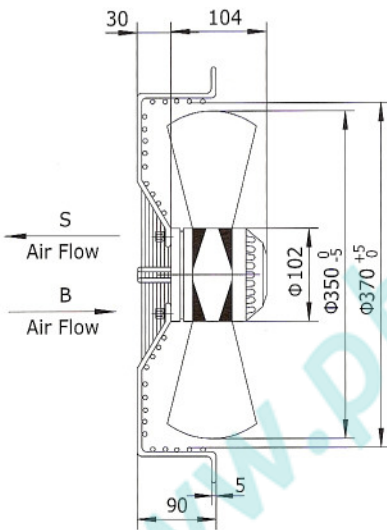
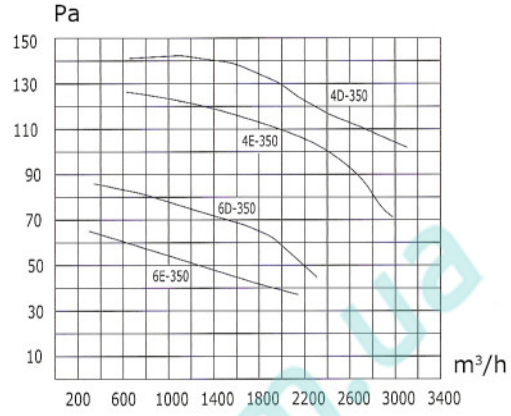
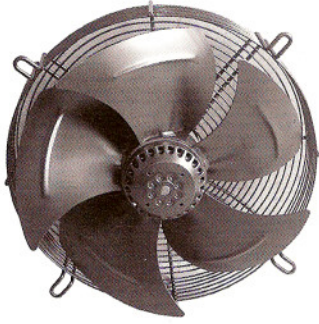
### YWF 380 系列外转子轴流风机



MODEL 型号	VOLTAGE 额定电压 V	FREQUENCY 频率 Hz	CURRENT 额定电流 A	INPUT 输入功率 W	SPEED 额定转速 r/min	AIR VOLUME 额定风量 M³/h	NOISE 噪音 dBA	CAPACITANCE 电容 μF	APPROX. WEIGHT 净重 kg	LICENSE 证书
YWF4D-380	380	50	0.50	160	1400	4200	65	-	5.2	Ⓜ Ⓜ
YWF4E-380	220	50	0.80	160	1400	4100	65	6	5.2	Ⓜ Ⓜ
YWF6D-380	380	50	0.35	100	920	3000	56	-	5.2	Ⓜ Ⓜ
YWF6E-380	220	50	0.45	100	920	3000	56	4	5.2	Ⓜ Ⓜ

## YWF 350 Series Axial Fan Motors

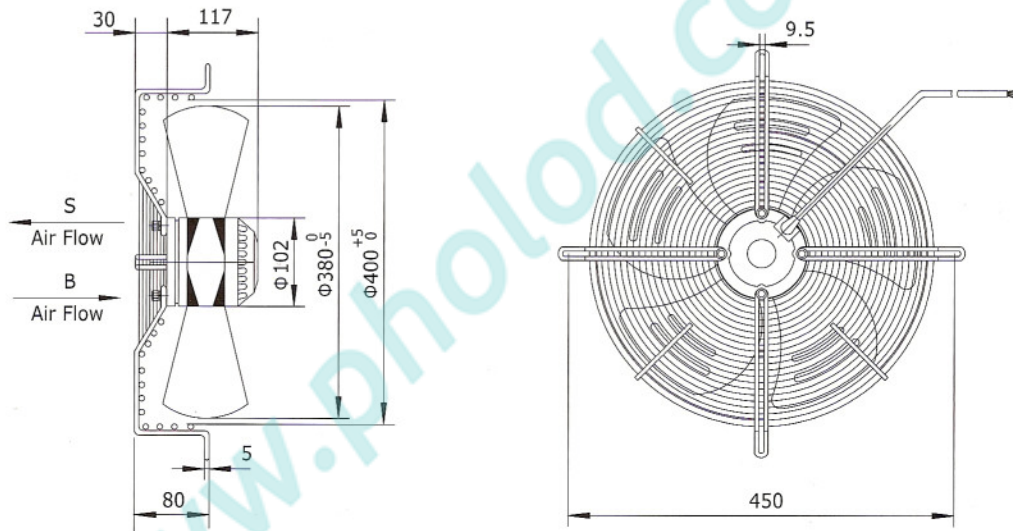
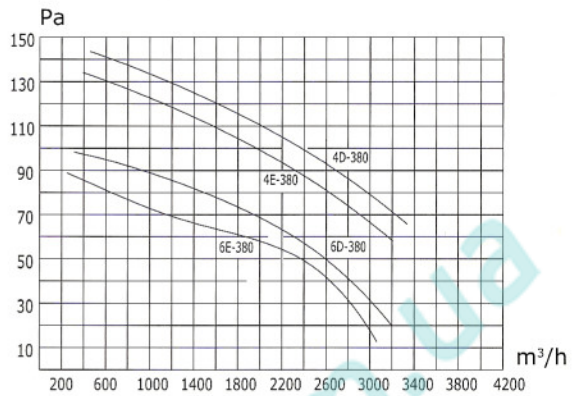
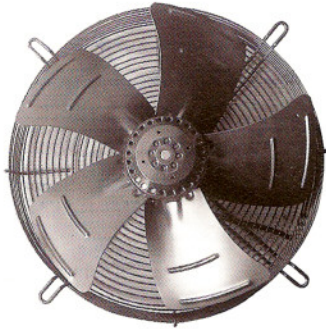
### YWF 350 系列外转子轴流风机



MODEL 型号	VOLTAGE 额定电压 V	FREQUENCY 频率 Hz	CURRENT 额定电流 A	INPUT 输入功率 W	SPEED 额定转速 r/min	AIR VOLUME 额定风量 M³/h	NOISE 噪音 dBA	CAPACITANCE 电容 μF	APPROX. WEIGHT 净重 kg	LICENSE 证书
YWF4D-350	380	50	0.40	150	1380	3170	62	-	4.9	☞ ☞
YWF4E-350	220	50	0.70	150	1380	2973	62	4	4.9	☞ ☞
YWF6D-350	380	50	0.35	90	920	2100	56	-	4.9	☞ ☞
YWF6E-350	220	50	0.42	90	920	2000	56	3	4.9	☞ ☞



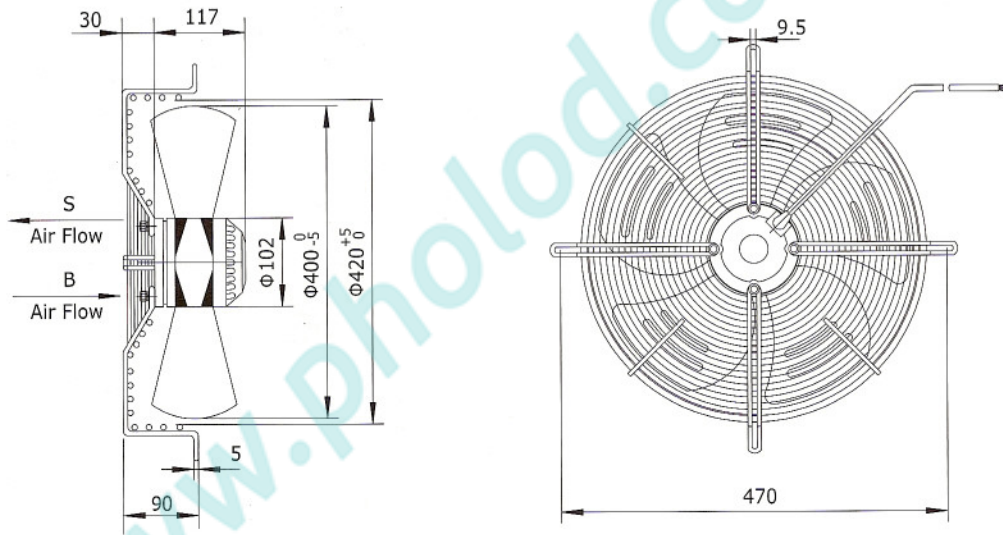
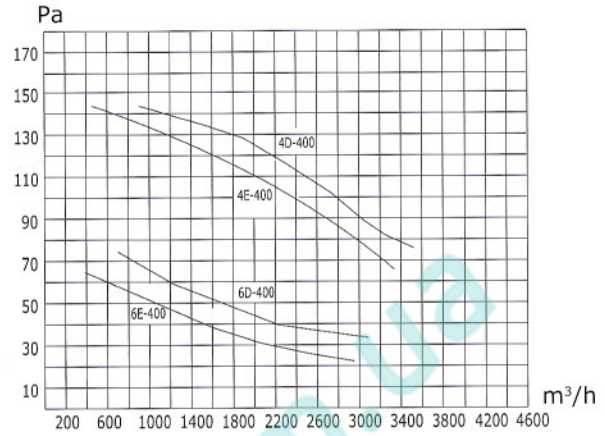
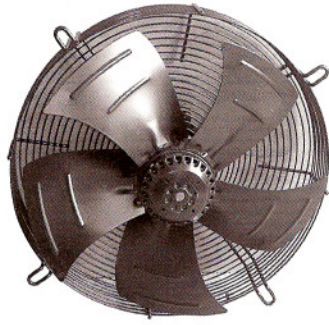
**YWF 380 Series Axial Fan Motors**  
**YWF 380 系列外转子轴流风机**



MODEL 型号	VOLTAGE 额定电压 V	FREQUENCY 频率 Hz	CURRENT 额定电流 A	INPUT 输入功率 W	SPEED 额定转速 r/min	AIR VOLUME 额定风量 M³/h	NOISE 噪音 dBA	CAPACITANCE 电容 μF	APPROX. WEIGHT 净重 kg	LICENSE 证书
YWF4D-380	380	50	0.50	160	1400	4200	65	-	5.2	☞ ☞
YWF4E-380	220	50	0.80	160	1400	4100	65	6	5.2	☞ ☞
YWF6D-380	380	50	0.35	100	920	3000	56	-	5.2	☞ ☞
YWF6E-380	220	50	0.45	100	920	3000	56	4	5.2	☞ ☞

### YWF 400 Series Axial Fan Motors

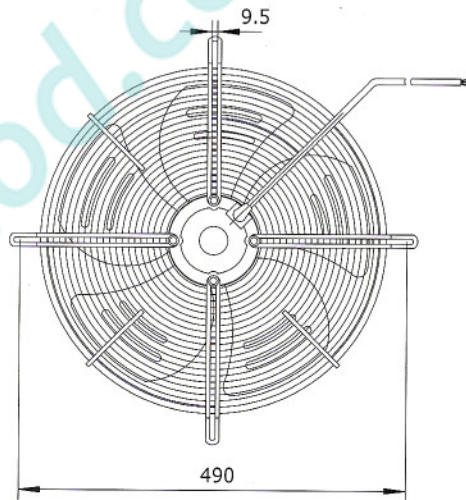
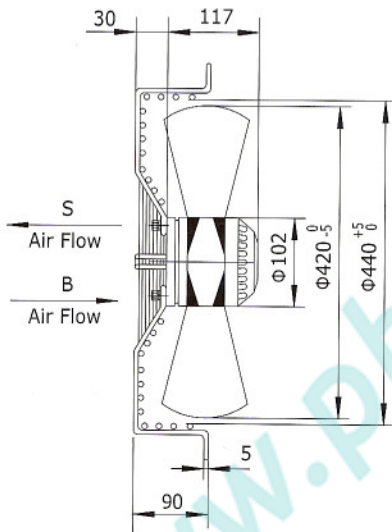
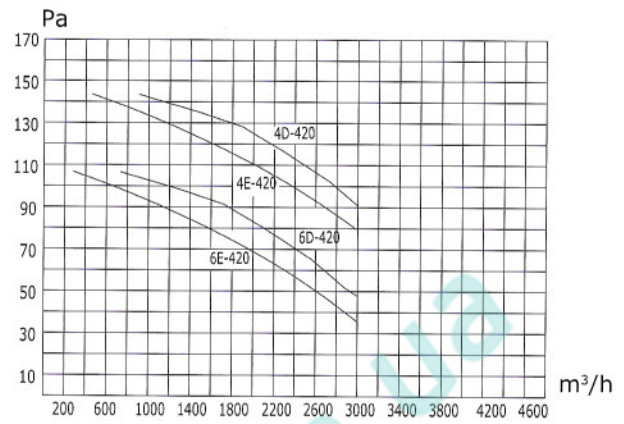
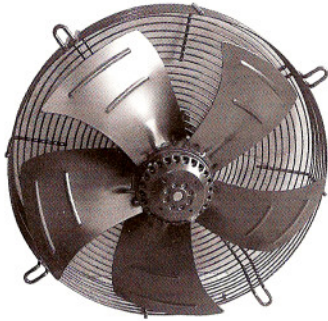
### YWF 400 系列外转子轴流风机



MODEL 型号	VOLTAGE 额定电压 V	FREQUENCY 频率 Hz	CURRENT 额定电流 A	INPUT 输入功率 W	SPEED 额定转速 r/min	AIR VOLUME 额定风量 M³/h	NOISE 噪音 dBA	CAPACITANCE 电容 μF	APPROX. WEIGHT 净重 kg	LICENSE 证书
YWF4D-400	380	50	0.50	180	1380	4500	68	-	5.6	Ⓜ Ⓢ
YWF4E-400	220	50	0.80	180	1380	4400	68	6	5.6	Ⓜ Ⓢ
YWF6D-400	380	50	0.38	110	920	3200	58	-	5.6	Ⓜ Ⓢ
YWF6E-400	220	50	0.50	110	920	3200	58	4	5.6	Ⓜ Ⓢ

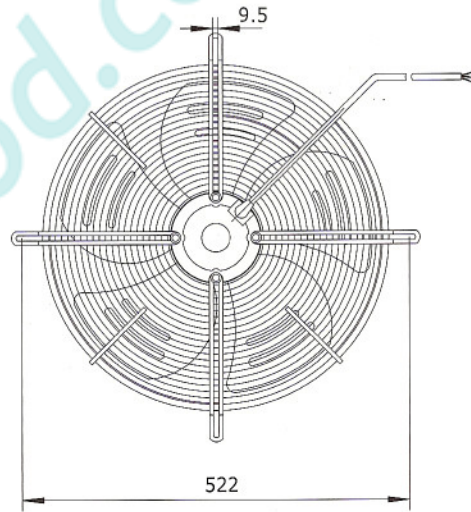
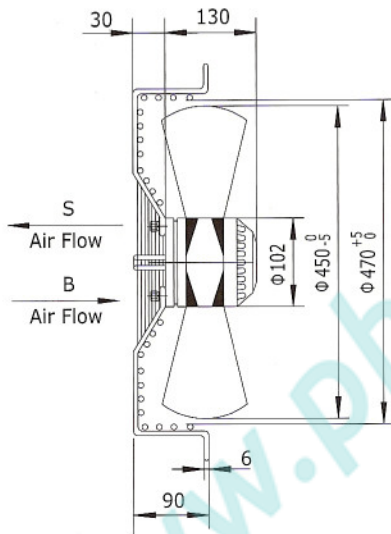
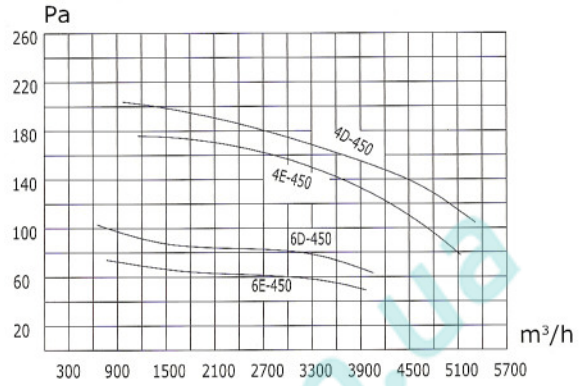


YWF 420 Series Axial Fan Motors  
YWF 420 系列外转子轴流风机



MODEL 型号	VOLTAGE 额定电压 V	FREQUENCY 频率 Hz	CURRENT 额定电流 A	INPUT 输入功率 W	SPEED 额定转速 r/min	AIR VOLUME 额定风量 M³/h	NOISE 噪音 dBA	CAPACITANCE 电容 μF	APPROX. WEIGHT 净重 kg	LICENSE 证书
YWF4D-420	380	50	0.52	220	1350	4850	68	-	5.8	Ⓢ Ⓢ
YWF4E-420	220	50	1.00	220	1350	4700	68	6	5.8	Ⓢ Ⓢ
YWF6D-420	380	50	0.40	120	900	3800	58	-	5.8	Ⓢ Ⓢ
YWF6E-420	220	50	0.70	130	900	3800	58	4	5.8	Ⓢ Ⓢ

YWF **450** Series Axial Fan Motors  
YWF **450** 系列外转子轴流风机

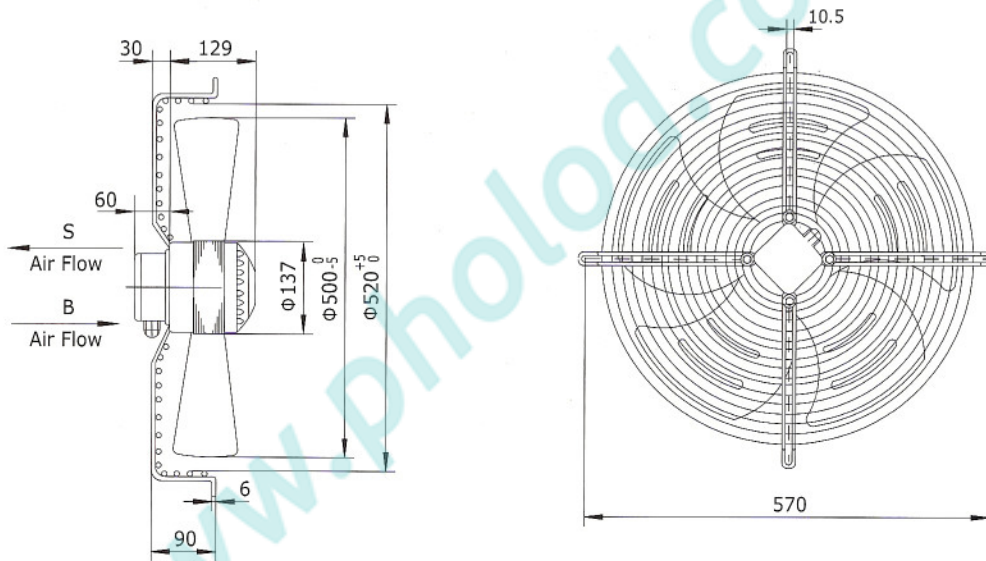
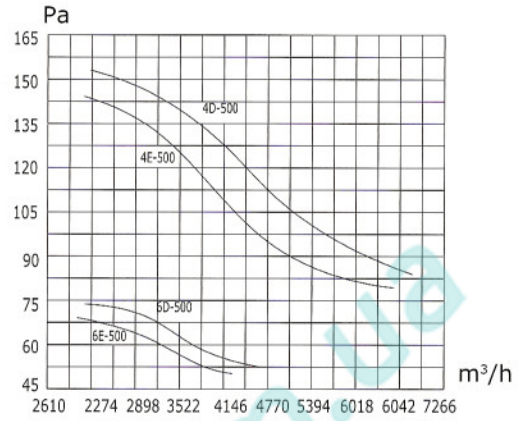
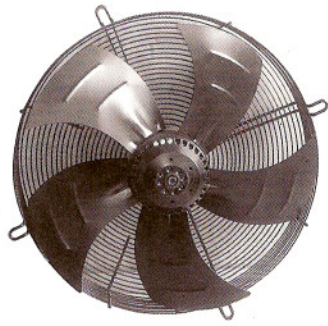


MODEL 型号	VOLTAGE 额定电压 V	FREQUENCY 频率 Hz	CURRENT 额定电流 A	INPUT 输入功率 W	SPEED 额定转速 r/min	AIR VOLUME 额定风量 M <sup>3</sup> /h	NOISE 噪音 dBA	CAPACITANCE 电容 µF	APPROX. WEIGHT 净重 Kg	LICENSE 证书
YWF4D-450	380	50	0.60	250	1360	5600	68	—	7.2	Ⓢ Ⓢ
YWF4E-450	220	50	1.20	250	1350	5507	68	8	7.2	Ⓢ Ⓢ
YWF6D-450	380	50	0.40	150	920	4600	60	—	7.2	Ⓢ Ⓢ
YWF6E-450	220	50	0.80	160	920	4600	60	6	7.2	Ⓢ Ⓢ



### YWF 500 Series Axial Fan Motors

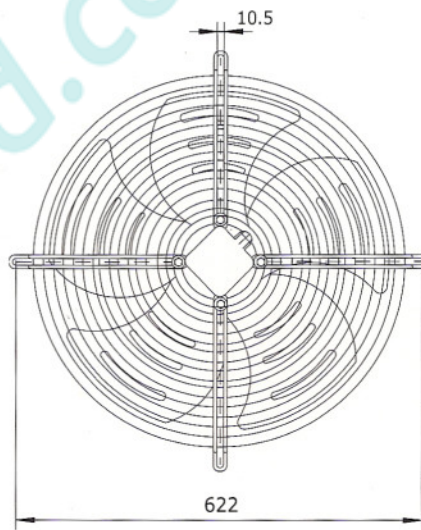
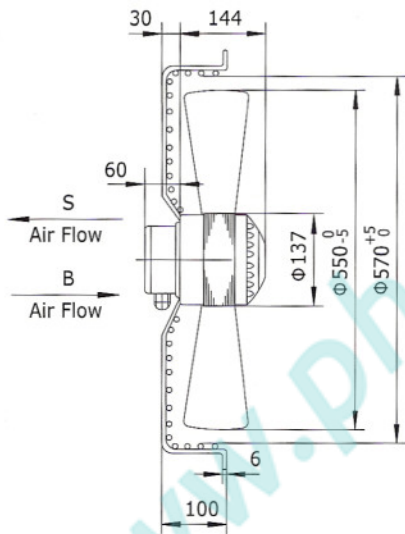
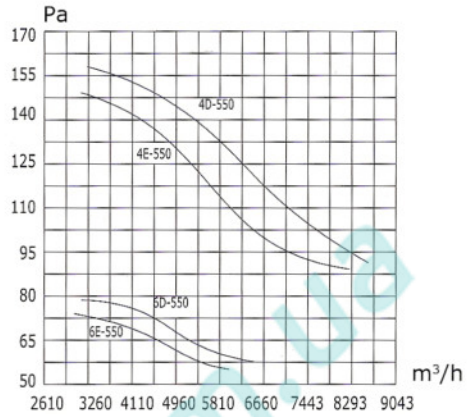
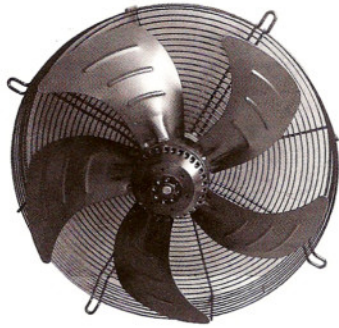
### YWF 500 系列外转子轴流风机



MODEL 型号	VOLTAGE 额定电压 V	FREQUENCY 频率 Hz	CURRENT 额定电流 A	INPUT 输入功率 W	SPEED 额定转速 r/min	AIR VOLUME 额定风量 M³/h	NOISE 噪音 dBA	CAPACITANCE 电容 μF	APPROX. WEIGHT 净重 kg	LICENSE 证书
YWF4D-500	380	50	0.90	450	1300	6246	72	—	9.5	Ⓢ Ⓢ
YWF4E-500	220	50	1.85	420	1300	6046	72	10	9.5	Ⓢ Ⓢ
YWF6D-500	380	50	0.60	230	900	5800	68	—	9.5	Ⓢ Ⓢ
YWF6E-500	220	50	1.20	230	900	5800	68	10	9.5	Ⓢ Ⓢ

### YWF 550 Series Axial Fan Motors

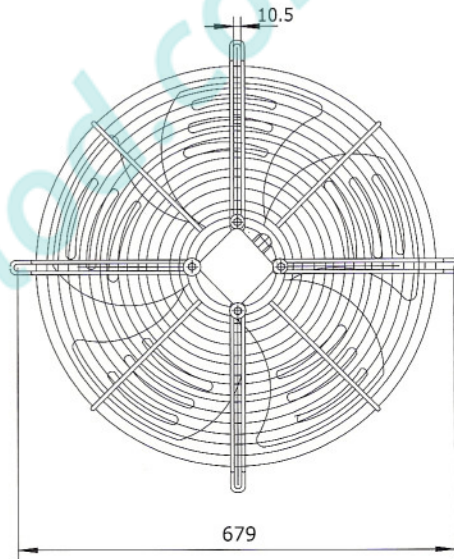
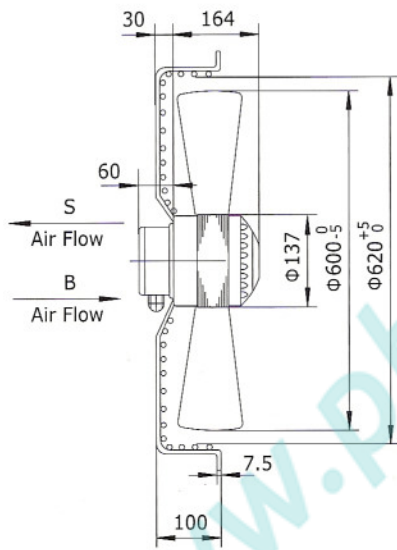
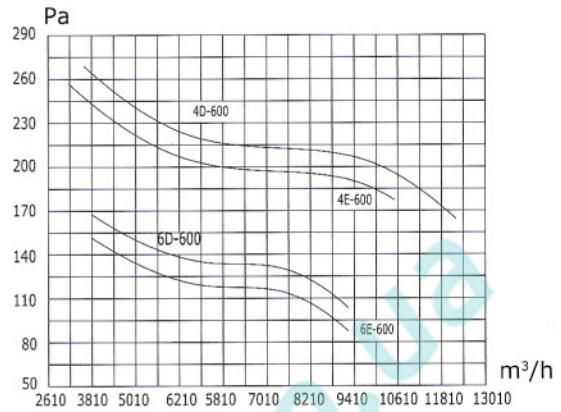
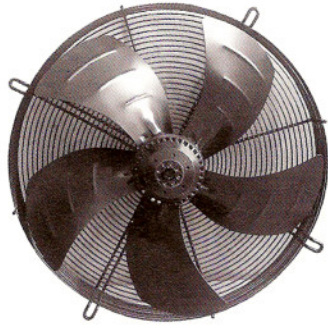
### YWF 550 系列外转子轴流风机



MODEL 型号	VOLTAGE 额定电压 V	FREQUENCY 频率 Hz	CURRENT 额定电流 A	INPUT 输入功率 W	SPEED 额定转速 r/min	AIR VOLUME 额定风量 M³/h	NOISE 噪音 dBA	CAPACITANCE 电容 μF	APPROX. WEIGHT 净重 kg	LICENSE 证书
YWF4D-550	380	50	1.20	600	1300	8487	75	—	10.5	Ⓞ Ⓞ
YWF4E-550	220	50	2.40	500	1300	8268	75	10	10.5	Ⓞ Ⓞ
YWF6D-550	380	50	0.80	330	900	6509	70	—	10.5	Ⓞ Ⓞ
YWF6E-550	220	50	1.70	330	900	6348	70	10	10.5	Ⓞ Ⓞ



YWF **600** Series Axial Fan Motors  
YWF **600** 系列外转子轴流风机

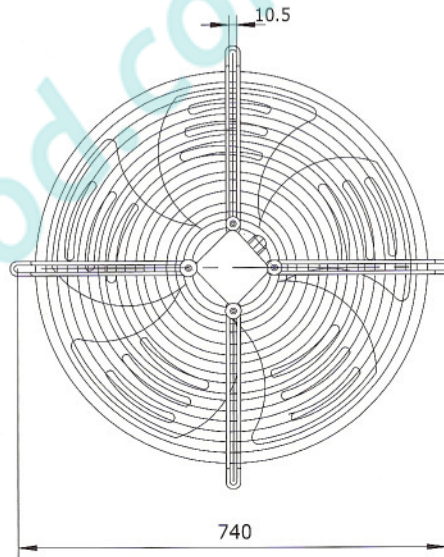
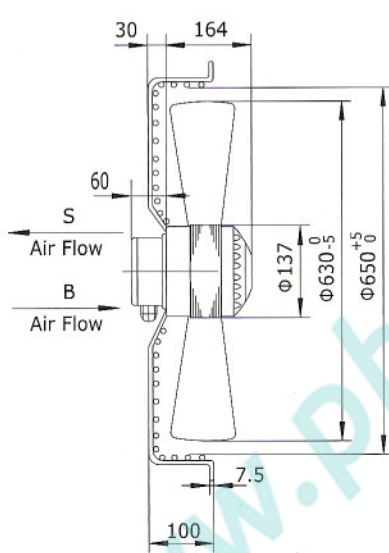
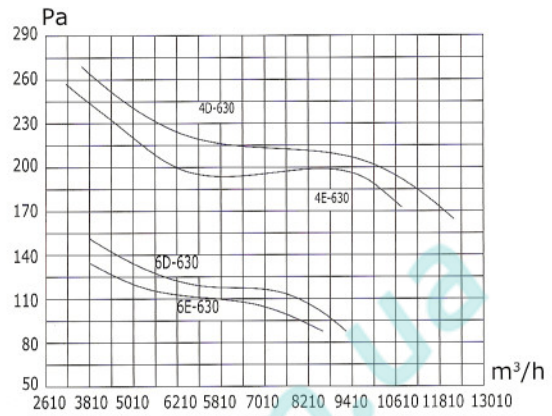
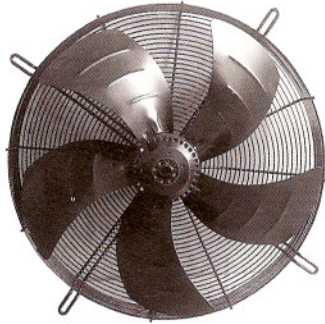


MODEL 型号	VOLTAGE 额定电压 V	FREQUENCY 频率 Hz	CURRENT 额定电流 A	INPUT 输入功率 W	SPEED 额定转速 r/min	AIR VOLUME 额定风量 M³/h	NOISE 噪音 dBA	CAPACITANCE 电容 μF	APPROX. WEIGHT 净重 kg	LICENSE 证书
YWF4D-600	380	50	1.60	830	1350	12500	78	—	14	Ⓢ Ⓢ
YWF4E-600	220	50	3.00	650	1300	10500	78	10	14	Ⓢ Ⓢ
YWF6D-600	380	50	1.50	520	900	9400	72	—	14	Ⓢ Ⓢ
YWF6E-600	220	50	2.40	520	900	9400	72	10	14	Ⓢ Ⓢ

YWF 系列轴流风机 YWF Series Axial Fan Motors

## YWF 630 Series Axial Fan Motors

### YWF 630 系列外转子轴流风机



MODEL 型号	VOLTAGE 额定电压	FREQUENCY 频率	CURRENT 额定电流	INPUT 输入功率	SPEED 额定转速	AIR VOLUME 额定风量	NOISE 噪音	CAPACITANCE 电容	APPROX. WEIGHT 净重	LICENSE 证书
	V	Hz	A	W	r/min	M³/h	dBA	μF	kg	
YWF4D-630	380	50	1.80	880	1320	13000	78	—	15	Ⓜ Ⓢ
YWF4E-630	220	50	3.20	700	1300	11000	78	10	15	Ⓜ Ⓢ
YWF6D-630	380	50	1.60	560	900	9500	75	—	15	Ⓜ Ⓢ
YWF6E-630	220	50	2.50	560	900	9500	75	10	15	Ⓜ Ⓢ

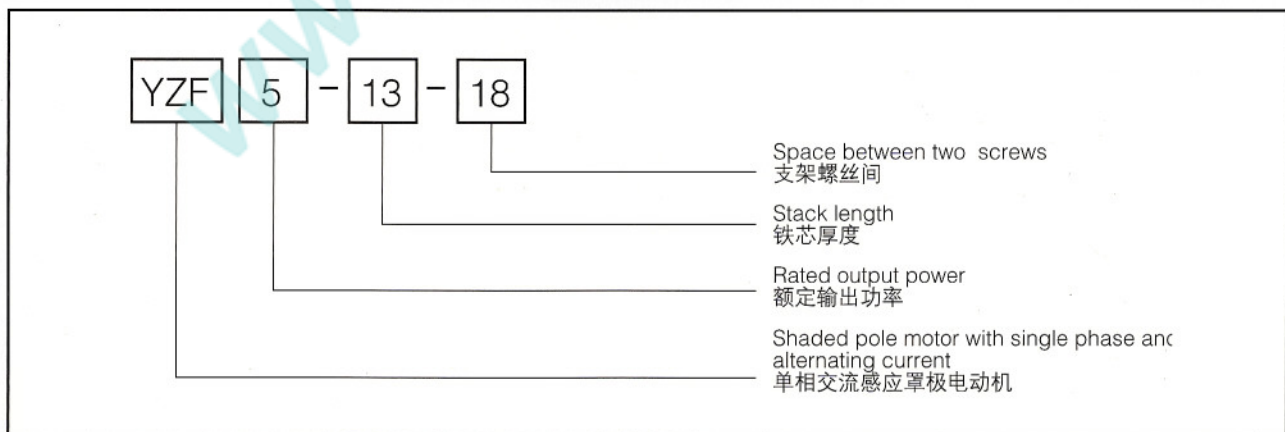


**YZF 系列产品概述**  
**Summarize of Products**

- YZF 系列电机为单相、4 极的罩极式电动机，额定电压为 220~240V，50/60Hz 或 110~120V，60Hz。广泛应用在散热器、蒸发器等制冷设备。
- 电机的输出功率范围从 5W 到 34W，通过改变铁芯厚度来调整电机的输出功率。
- 电机的绝缘等级为 B 级，防护等级为 IP42。可根据客户要求生产防护等级为 IP44 的电机。
- 输出功率在 10W 以下的电动机采用阻抗保护，输出功率大于 10W 采用热保护器，热保护器的断开温度为  $135^{\circ}\text{C} \pm 5^{\circ}\text{C}$ 。
- 适用环境温度为  $-30^{\circ}\text{C} \sim +50^{\circ}\text{C}$ 。
- 由于我厂生产的标准电机是采用含油轴承，所以工厂建议采用水平方式安装电机。同时我们也可根据客户要求生产滚动轴承的电机。
- 电机平均使用寿命为 20000 小时以上。
- 大部分的电机通过 CE、VDE、UL、CCC 认证。

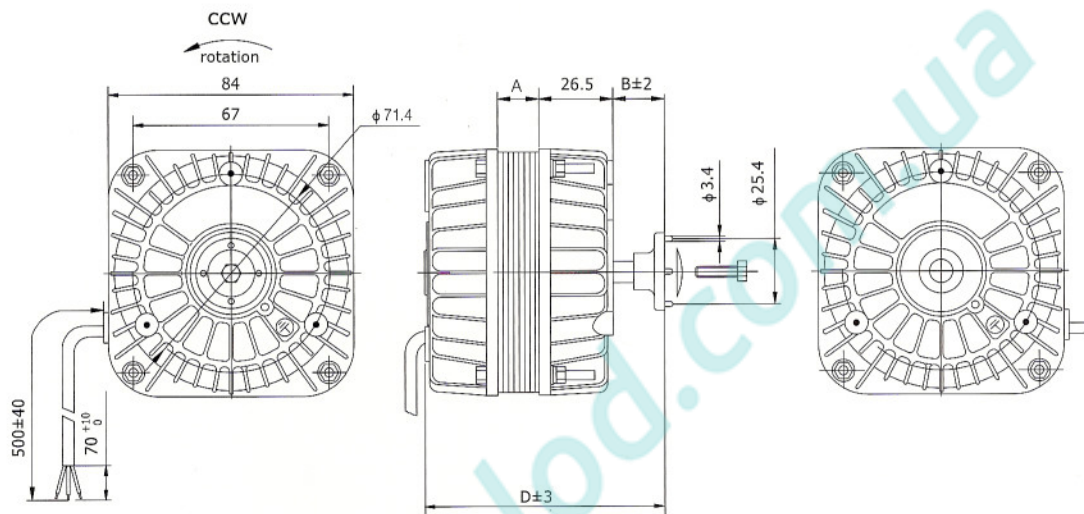
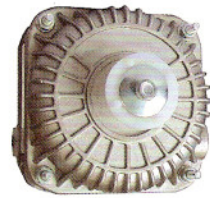
● YZF series motors are shaded pole motors with single phase, 4 shaded poles and running at rated voltage of 220~240V, 50/60Hz or 110~120V, 60Hz. They are widely used in the radiator, evaporator and other refrigeration equipment.

- The output power is from 5W to 34W, which is relative to the stack length.
- The insulation class of motors is B, and the protection class of that is IP42. On request IP44 is available.
- The motors are protected by their impedance for output power below 10W and thermal protector with cut-off temperature of  $135^{\circ}\text{C} \pm 5^{\circ}\text{C}$  for outpower above 10W.
- The applicable ambient temperature is from  $-30^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ .
- Because our standard motors adopt sleeve bearing, we suggest installing these motors horizontally. On request motors can be furnished with ball bearings.
- The average service life of motors is over 20000 hours.
- Most of shaded pole motors passed CE, VDE, UL and CCC approval.

**型号说明**  
**Illustration of Model**


## YZF **00** Series Shaded Pole Motors

### YZF **00** 系列罩极电机

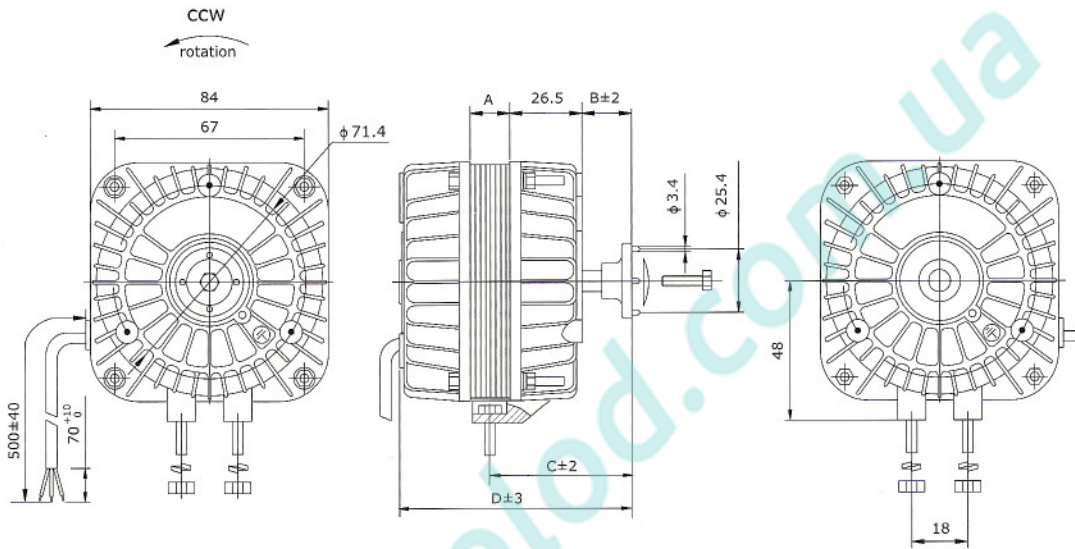
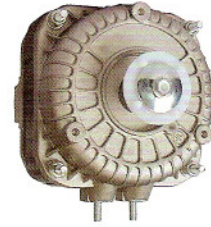


MODEL 型号	VOLTAGE 额定电压 V	FREQUENCY 额定频率 Hz	INPUT 额定功率 W	OUTPUT 输出功率 W	CURRENT 额定电流 A	SPEED 额定转速 r/min	FAN BLADE 风叶型号 mm	BRACKET 所配支架 mm	WEIGHT 重量 kg	A mm	B mm	C mm	D mm	E mm	LICENSE 认证
YZF 5-13-00	220~240	50/60	33	5	0.25	1300	φ200	H72	0.8	13	13	-	79	-	CE VDE CCC
YZF 6-13-00	110~120	60	33	6	0.55	1550									UL
YZF 7-20-00	220~240	50/60	38	7	0.30	1300	φ230	H84	1.1	19	13	-	85	-	CE VDE CCC
YZF10-20-00	220~240	50/60	40	10	0.35	1300									UL
	110~120	60	55	10	0.80	1550	φ250	H84	1.4	25	14	-	92	-	CE VDE CCC
YZF16-25-00	220~240	50/60	70	16	0.50	1300									UL
YZF18-25-00	110~120	60	70	18	1.01	1550	φ250	H84	1.5	30	17	-	101	-	CE VDE CCC
YZF18-30-00	220~240	50/60	73	18	0.50	1300									UL
	110~120	60	75	18	1.10	1450	φ300	H109-2	1.8	40	18	-	112	-	CE VDE CCC
YZF25-40-00	220~240	50/60	95	25	0.70	1300									UL
	110~120	60	100	25	1.40	1450	φ300	H109-3	2.0	45	22	-	121	-	CE VDE CCC
YZF34-45-00	220~240	50/60	120	34	0.85	1300									UL
	110~120	60	110	34	1.50	1450									CE VDE CCC



## YZF 18 Series Shaded Pole Motors

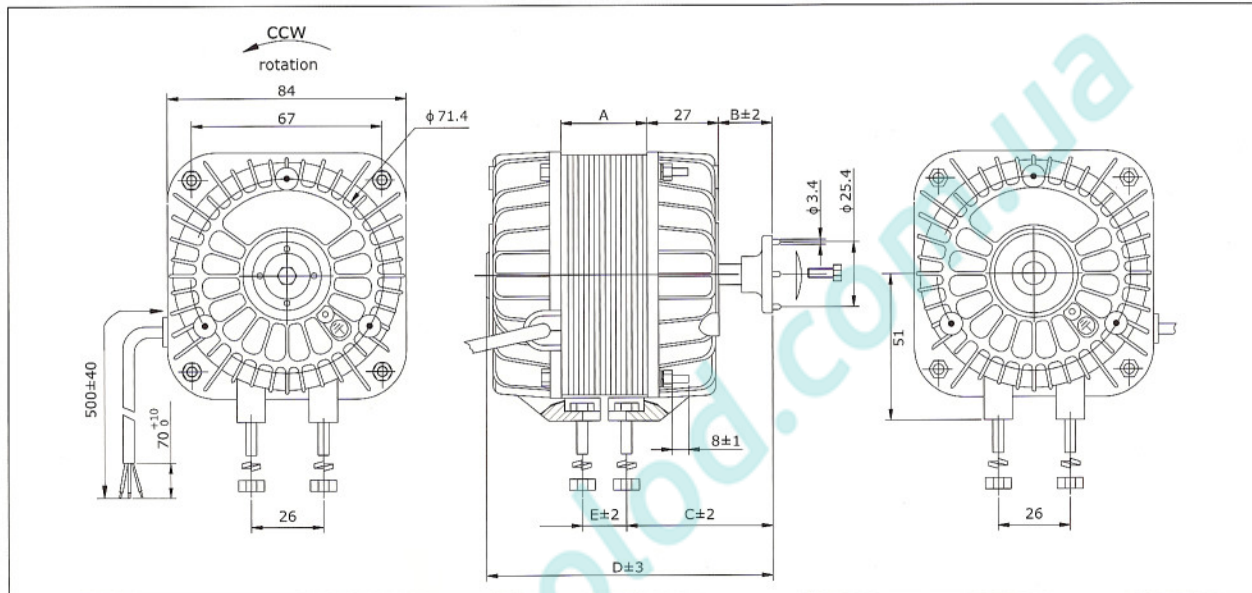
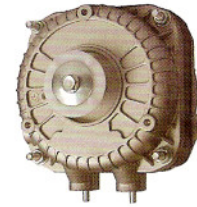
### YZF 18 系列罩极电机



MODEL 型号	VOLTAGE 额定电压	FREQUENCY 额定频率	INPUT 额定功率	OUTPUT 输出功率	CURRENT 额定电流	SPEED 额定转速	FAN BLADE 风叶型号	BRACKET 所配支架	WEIGHT 重量	A	B	C	D	E	LICENSE 认证
	V	Hz	W	W	A	r/min	mm	mm	kg	mm	mm	mm	mm	mm	
YZF 5 -13-18	220~240	50/60	33	5	0.25	1300	$\phi 200$	H72	0.8	13	13	44	79	-	CE VDE CCC
YZF 6 -13-18	110~120	60	33	6	0.55	1550									UL
YZF 7 -20-18	220~240	50/60	38	7	0.30	1300	$\phi 230$	H84	1.1	19	13	44	85	-	CE VDE CCC
YZF10-20-18	220~240	50/60	40	10	0.35	1300									UL
	110~120	60	55	10	0.80	1550									UL
YZF16-25-18	220~240	50/60	70	16	0.50	1300	$\phi 250$	H84	1.4	25	14	45	92	-	CE VDE CCC
YZF18-25-18	110~120	60	70	18	1.01	1550									UL

## YZF 26 Series Shaded Pole Motors

### YZF 26 系列罩极电机

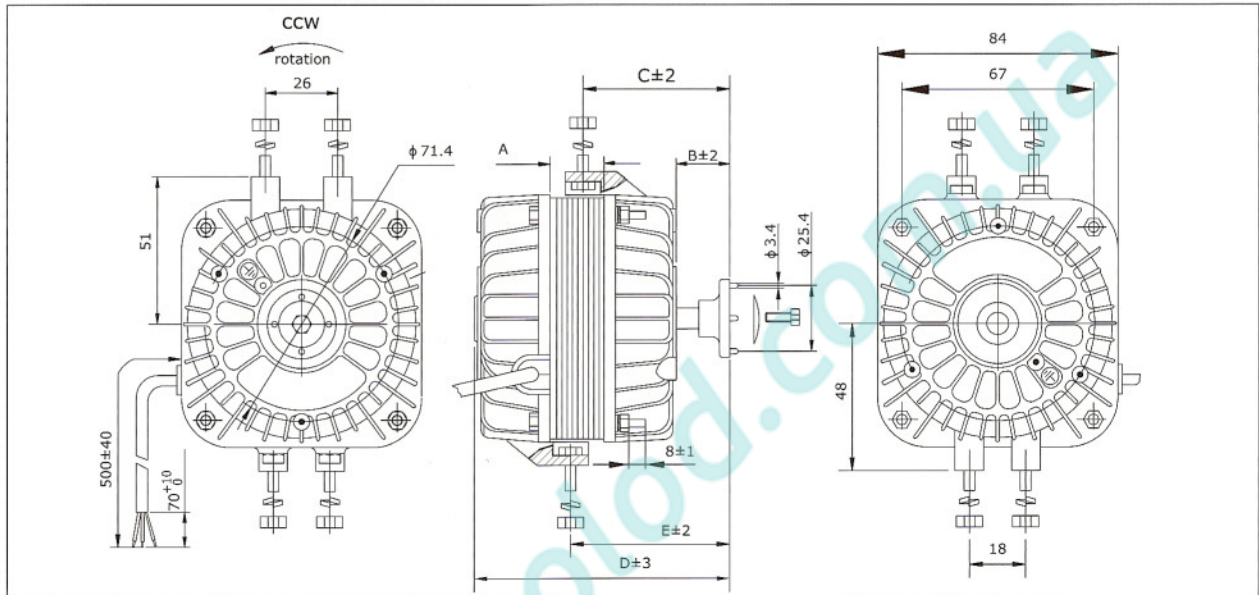
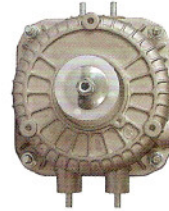


MODEL 型号	VOLTAGE 额定电压 V	FREQUENCY 额定频率 Hz	INPUT 额定功率 W	OUTPUT 输出功率 W	CURRENT 额定电流 A	SPEED 额定转速 r/min	FAN BLADE 风叶型号 mm	BRACKET 所配支架 mm	WEIGHT 重量 kg	A mm	B mm	C mm	D mm	E mm	LICENSE 认证
YZF 5 -13-26	220~240	50/60	33	5	0.25	1300	φ 200	H72	0.8	13	13	44	79	-	CE VDE CCC
YZF 6 -13-26	110~120	60	33	6	0.55	1550									UL
YZF 7 -20-26	220~240	50/60	38	7	0.30	1300	φ 230	H84	1.1	19	13	44	85	-	CE VDE CCC
YZF10-20-26	110~120	60	55	10	0.80	1550									UL
YZF16-25-26	220~240	50/60	70	16	0.50	1300	φ 250	H84	1.4	25	14	45	92	-	CE VDE CCC
YZF18-25-26	110~120	60	70	18	1.01	1550									UL
YZF18-30-26	220~240	50/60	73	18	0.50	1300	φ 250	H84	1.5	30	17	48	101	21	CE VDE CCC
	110~120	60	75	18	1.10	1450									
YZF25-40-26	220~240	50/60	95	25	0.70	1300	φ 300	H109-2	1.8	40	18	49	112	31	CE VDE CCC
	110~120	60	100	25	1.40	1450									
YZF34-45-26	220~240	50/60	120	34	0.85	1300	φ 300	H109-3	2.0	45	22	53	121	36	CE VDE CCC
	110~120	60	110	34	1.50	1450									



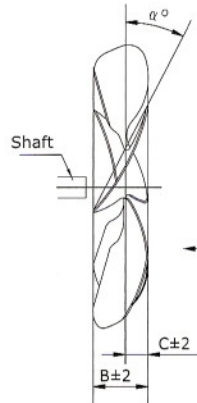
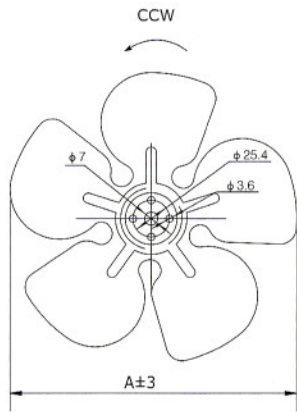
## YZF 18/26 Series Shaded Pole Motors

## YZF 18/26 系列罩极电机



MODEL 型号	VOLTAGE 额定电压 V	FREQUENCY 额定频率 Hz	INPUT 额定功率 W	OUTPUT 输出功率 W	CURRENT 额定电流 A	SPEED 额定转速 r/min	FAN BLADE 风叶型号 mm	BRACKET 所配支架 mm	WEIGHT 重量 kg	A	B	C	D	E	LICENSE 认证
YZF 5 -13-26	220~240	50/60	33	5	0.25	1300	$\phi 200$	H72	0.8	13	13	44	79	48	CE VDE CCC
YZF 6 -13-26	110~120	60	33	6	0.55	1550									UL
YZF 7 -20-26	220~240	50/60	38	7	0.30	1300	$\phi 230$	H84	1.1	19	13	44	85	54	CE VDE CCC
YZF10-20-26	220~240	50/60	40	10	0.35	1300									CE VDE CCC
	110~120	60	55	10	0.80	1550									UL
YZF16-25-26	220~240	50/60	70	16	0.50	1300	$\phi 250$	H84	1.4	25	14	45	92	61	CE VDE CCC
YZF18-25-26	110~120	60	70	18	1.01	1550									UL
YZF18-30-26	220~240	50/60	73	18	0.50	1300	$\phi 250$	H84	1.5	30	17	48	101	70	CE VDE CCC
	110~120	60	75	18	1.10	1450									
YZF25-40-26	220~240	50/60	95	25	0.70	1300	$\phi 300$	H109-2	1.8	40	18	49	112	80	CE VDE CCC
	110~120	60	100	25	1.40	1450									
YZF34-45-26	220~240	50/60	120	34	0.85	1300	$\phi 300$	H109-3	2.0	45	22	53	121	90	CE VDE CCC
	110~120	60	110	34	1.50	1450									

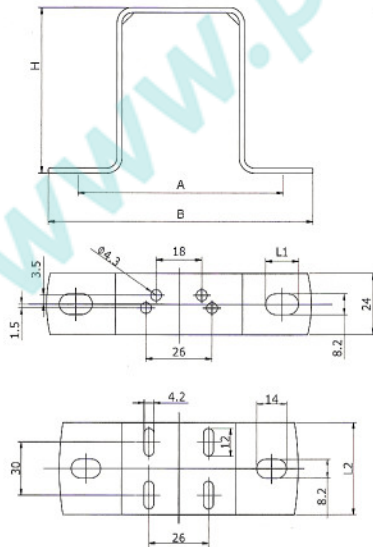
### FAN BLADE



FAN TYPE	$\alpha^\circ$		19°		22°		25°		28°		31°	
	A	B C	B	C	B	C	B	C	B	C	B	C
Φ154	152	23 12	26 14	29 15	32 17	36 19	41 23					
Φ172	170	25 13	28 15	31 16	34 18	38 20						
Φ200	196	27 14	30 16	33 17	36 19	41 23						
Φ230	228	31 16	32 17	35 18	40 21	44 23						
Φ250	244	31 16	35 18	37 19	40 21	46 24						
Φ254	252	35 18	37 21	39 23	40 24	47 29						
Φ300	298	35 18	41 22	44 23	48 25	52 26						

MODEL FAN	$\alpha^\circ$	YZF5-13	YZF7-20	YZF10-20	YZF16-25	YZF18-30	YZF25-40	YZF34-45
		Φ154	28 31					
Φ172	28 31							
Φ200	28 31	28 31	28 31					
Φ230			28 28					
Φ250				22 28	31 28	31		
Φ254				28 31	28 31			
Φ300						22 25	25 28	

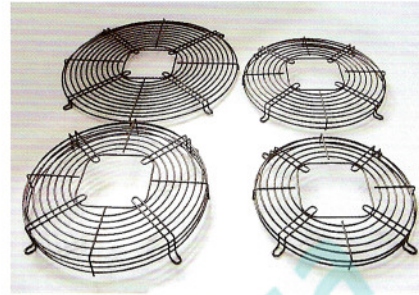
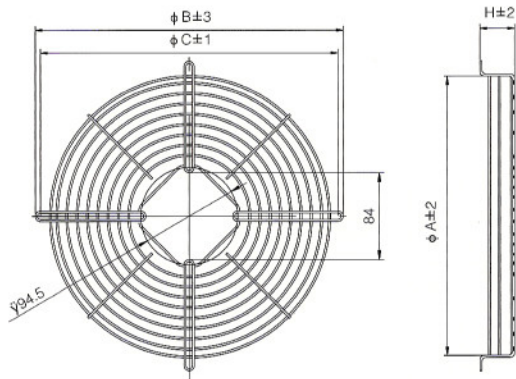
### BRACKET



MODEL	H	A	B	L1	L2
H55	55	81	106	13	-
H72	72	81	106	13	-
H84	84	81	106	20	-
H109-1	109	81	106	14	-
H109-2	109	78	100	14	39
H109-3	109	78	100	14	49

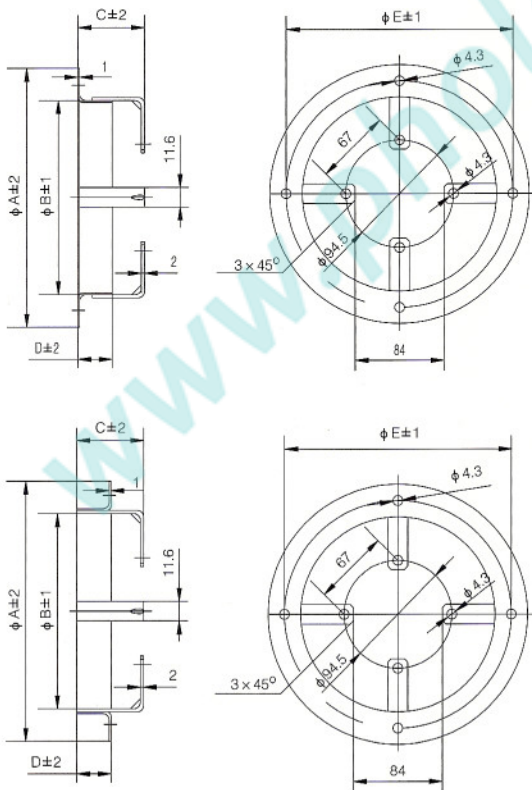


### GRID



FAN TYPE	$\phi 154$	$\phi 172$	$\phi 200$	$\phi 230$	$\phi 254$	$\phi 300$
A	164	188	210	238	265	322
B	202	220	248	278	300	354
C	190	208	236	268	290	344
H	11	11	25	27	17	17

### RING



SUCKING

$\phi$ FAN	$\phi A$	$\phi B$	C	D	$\phi E$
172	223	180	49	25	208
200	246	208	49	25	236
230	278	238	49	25	266
254	300	262	49	25	290
300	378	308	49	30	365

BLOWING

$\phi$ FAN	$\phi A$	$\phi B$	C	D	$\phi E$
172	223	180	36	25	208
200	246	208	36	25	236
230	278	238	36	25	266
254	300	262	36	25	290
300	378	308	36	30	365

## "C" FRAME SHADED POLE MOTOR

### "C" 型罩极电机

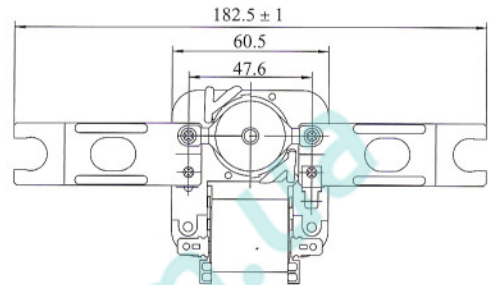
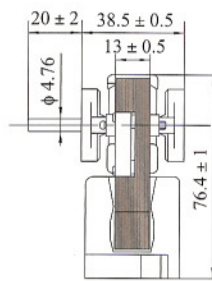
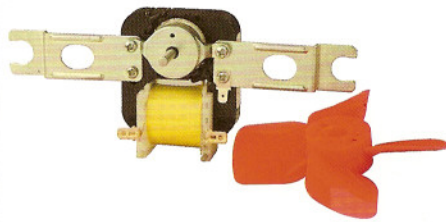
MODEL	VOLTAGE V	FREQUENCY Hz	CURRENT A	INPUT W	R.P.M	ROTATION	SHAFT LENGTH	SHAFT DIAMETER	LICENSE
YZF999	120	60	0.45	16	3000	CW	51±2	φ3.17	
YZF998	240	50	0.20	16	2400	CW	51±2	φ3.17	

MODEL	VOLTAGE V	FREQUENCY Hz	CURRENT A	INPUT W	R.P.M	ROTATION	SHAFT LENGTH	SHAFT DIAMETER	A	LICENSE
YZF670	120	60	0.48	18	3000	CW	40±2	φ4.76	16	
YZF672	240	50	0.30	18	2400	CW	40±2	φ4.76	16	
YZF673	120	60	0.48	18	3000	CW	40±2	φ4.76	16	
YZF675	120/240	50/60	1.2	38	2800	CW	54±2	φ4.76	26	

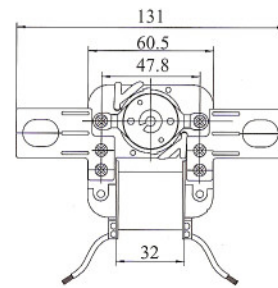
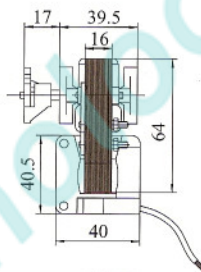
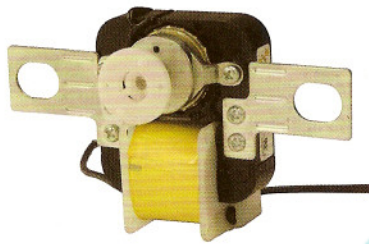


## "C" FRAME SHADED POLE MOTOR

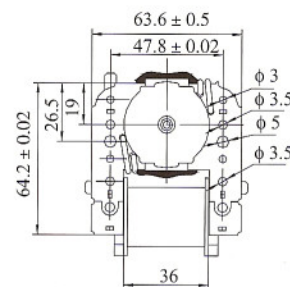
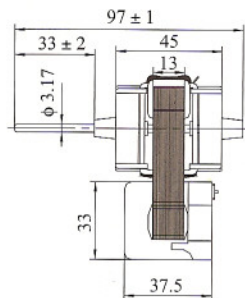
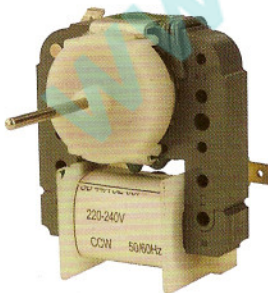
### "C" 型罩极电机



MODEL	VOLTAGE V	FREQUENCY Hz	CURRENT A	INPUT W	R.P.M	ROTATION	SHAFT LENGTH	SHAFT DIAMETER
YZF343	115	60	0.2	12	2600	CW	20±2	φ4.76



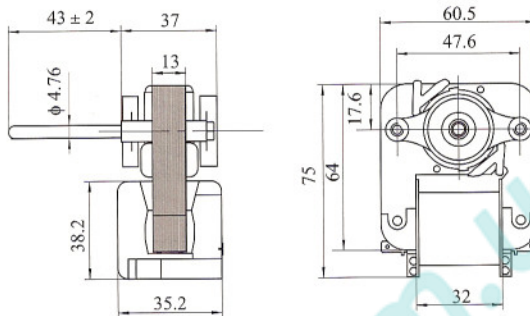
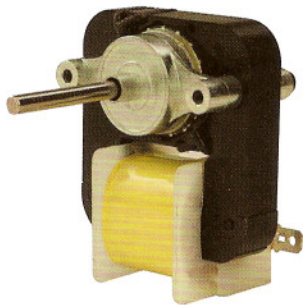
MODEL	VOLTAGE V	FREQUENCY Hz	CURRENT A	INPUT W	R.P.M	ROTATION	SHAFT LENGTH	SHAFT DIAMETER
YZF329	120	60	0.35	18	3000	CW	17±2	φ4.76



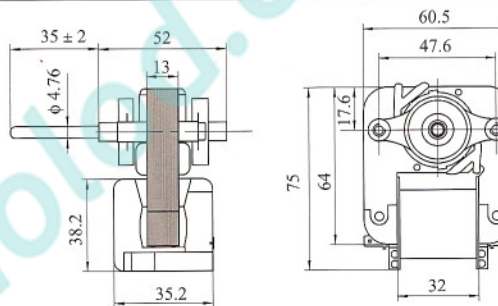
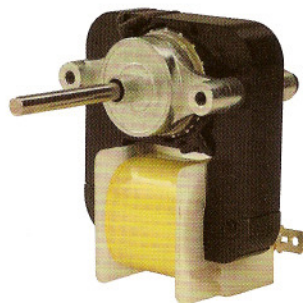
MODEL	VOLTAGE V	FREQUENCY Hz	CURRENT A	INPUT W	R.P.M	ROTATION	SHAFT LENGTH	SHAFT DIAMETER
YZF057	220	50/60	0.19	12	2500	CCW	33 ± 2	φ3.17
YZF066	120	50/60	0.20	10.5	2500	CCW	33 ± 2	φ3.17

## "C" FRAME SHADED POLE MOTOR

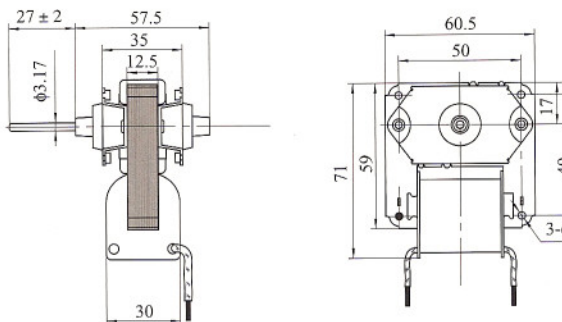
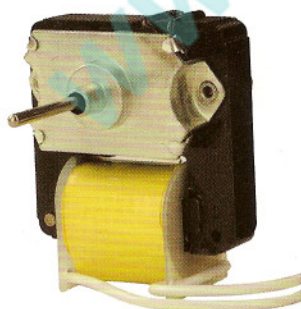
### "C" 型罩极电机



MODEL	VOLTAGE V	FREQUENCY Hz	CURRENT A	INPUT W	R.P.M	ROTATION	SHAFT LENGTH DIAMETER	LICENSE
YZF334	120	60	0.45	15	3000	CW	$43 \pm 2$ $\phi 4.76$	



MODEL	VOLTAGE V	FREQUENCY Hz	CURRENT A	INPUT W	R.P.M	ROTATION	SHAFT LENGTH DIAMETER	LICENSE
YZF335	120	60	0.45	15	3000	CW	$35 \pm 2$ $\phi 4.76$	

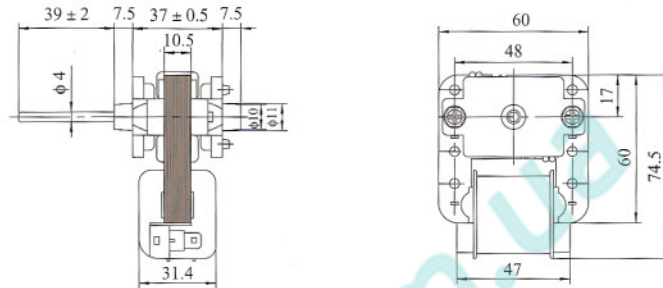
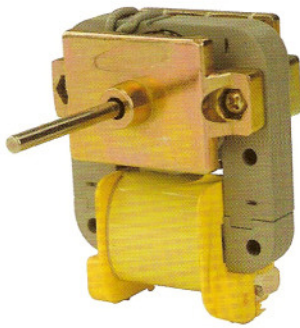


MODEL	VOLTAGE V	FREQUENCY Hz	CURRENT A	INPUT W	R.P.M	ROTATION	SHAFT LENGTH DIAMETER	LICENSE
YZF317	120	60	0.13	8	3000	CCW	$27 \pm 2$ $\phi 3.17$	

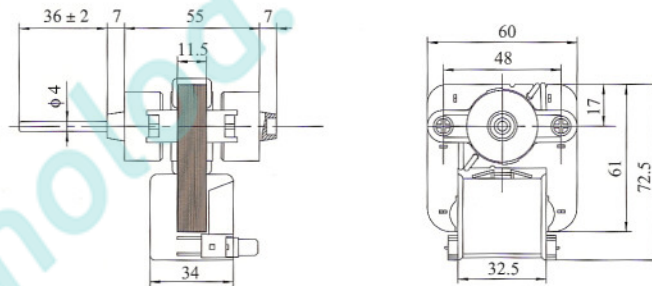
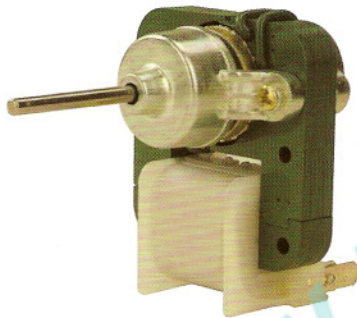


"C" FRAME SHADED POLE MOTOR

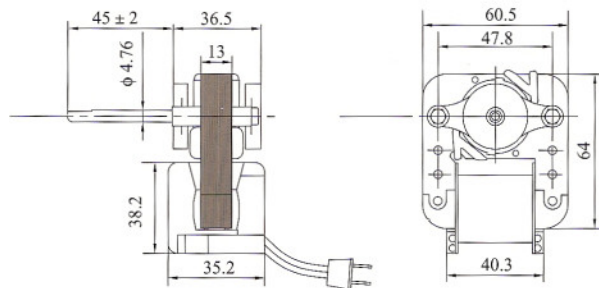
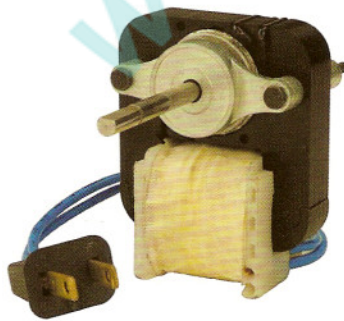
"C" 型罩极电机



MODEL	VOLTAGE V	FREQUENCY Hz	CURRENT A	INPUT W	R.P.M	ROTATION	SHAFT LENGTH	SHAFT DIAMETER
YZF052	220	50/60	0.08	8	2400	CW	$39 \pm 2$	$\phi 4$
YZF052E	110	50/60	0.17	8	2400	CW	$39 \pm 2$	$\phi 4$



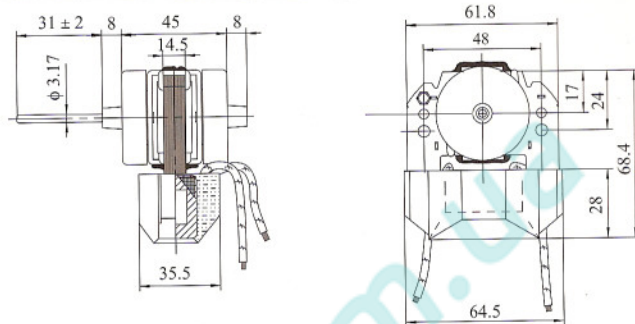
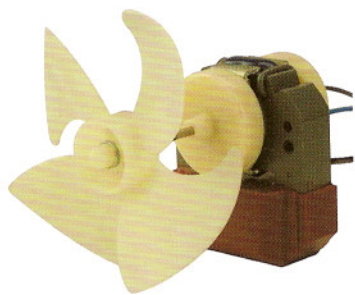
MODEL	VOLTAGE V	FREQUENCY Hz	CURRENT A	INPUT W	R.P.M	ROTATION	SHAFT LENGTH	SHAFT DIAMETER
YZF25D	120	50/60	0.17	8	2400	CCW	$36 \pm 2$	$\phi 4$
YZF25B	220	50/60	0.08	8	2400	CCW	$36 \pm 2$	$\phi 4$



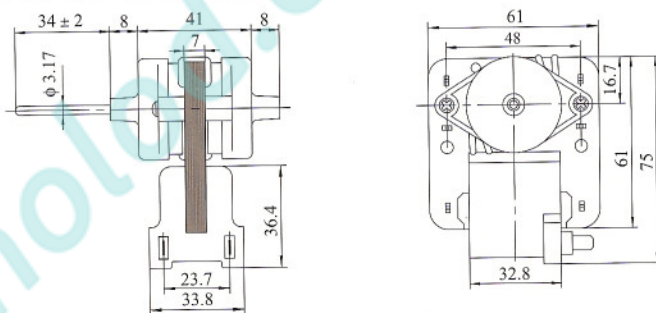
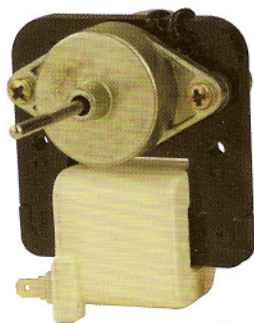
MODEL	VOLTAGE V	FREQUENCY Hz	CURRENT A	INPUT W	R.P.M	ROTATION	SHAFT LENGTH	SHAFT DIAMETER
YZF550	120	60	0.9	38	2400	CCW	$45 \pm 2$	$\phi 4.76$

## "C" FRAME SHADED POLE MOTOR

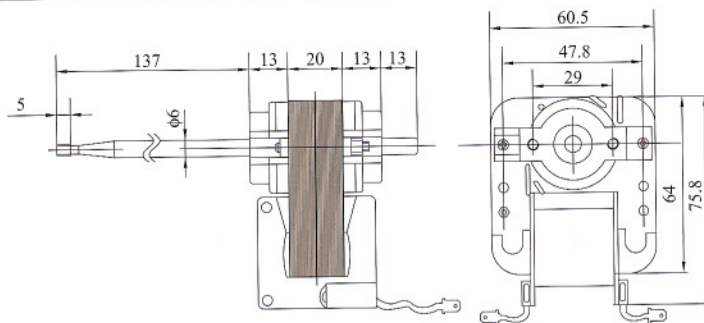
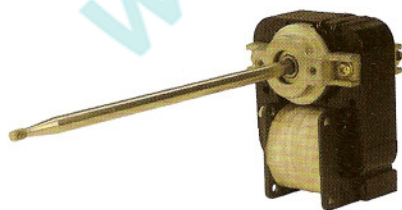
### "C" 型罩极电机



MODEL	VOLTAGE V	FREQUENCY Hz	CURRENT A	INPUT W	R.P.M	ROTATION	SHAFT LENGTH DIAMETER
YZF2250	220	50/60	0.08	9	2400	CCW	31±2 $\phi 3.17$



MODEL	VOLTAGE V	FREQUENCY Hz	CURRENT A	INPUT W	R.P.M	ROTATION	SHAFT LENGTH DIAMETER
YZF182	220	50/60	0.08	7	3000	CCW	34±2 $\phi 3.17$

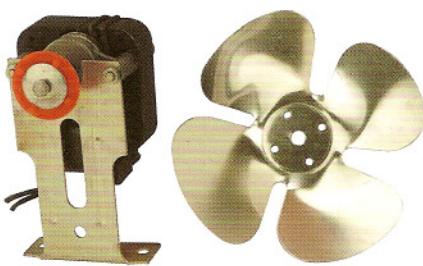
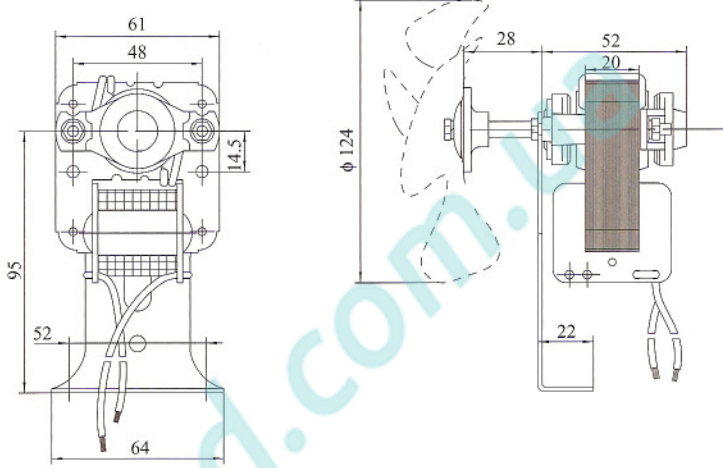


MODEL	VOLTAGE V	FREQUENCY Hz	CURRENT A	INPUT W	R.P.M	ROTATION	SHAFT LENGTH DIAMETER
YZF3020	100	60	0.40	20	3000	CCW	137 $\phi 6$
YZF3021	230	50/60	0.25	20	2400	CCW	137 $\phi 6$


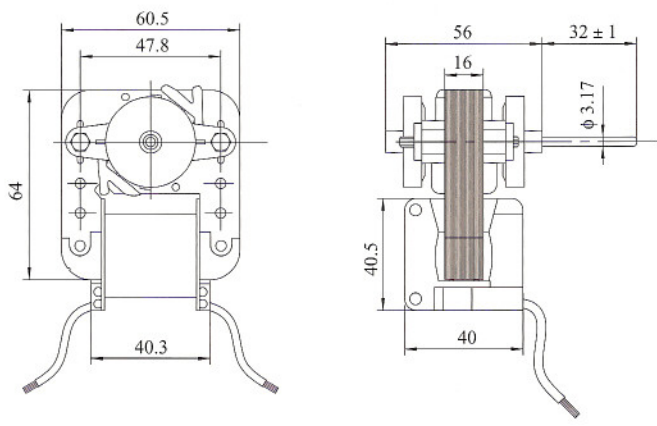



### "C" FRAME SHADED POLE MOTOR

### "C" 型罩极电机

MODEL	VOLTAGE V	FREQUENCY Hz	CURRENT A	INPUT W	R.P.M	ROTATION	SHAFT LENGTH	SHAFT DIAMETER
YZF3213	127	60	0.28	17	2800	CCW	28±2	φ6
YZF3206	220	50/60	0.23	27	2400	CCW	28±2	φ6

MODEL	VOLTAGE V	FREQUENCY Hz	CURRENT A	INPUT W	R.P.M	ROTATION	SHAFT LENGTH	SHAFT DIAMETER	LICENSE
YZF328	120	60	0.48	18	3000	CCW	32±2	φ3.17	

### YJF 系列产品概述 Summarize of Products

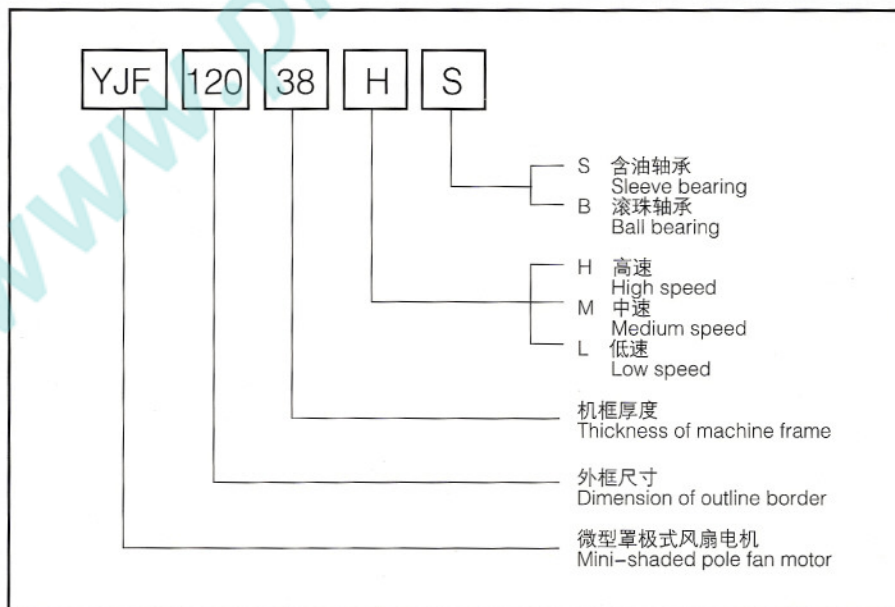
● YJF series mini-shaded pole fan motors have compact structure and small volume. They have characteristics of light weight, convenient installation, low noise, small electromagnetic disturbance, safty, longevity and so on. They are mainly applied to refrigeration equipment , power supply circuit, electric welding machine as well as other ventilating and cooling equipment.

- The applicable ambient temperature:  
 Ball bearing: ( B ) - 20 ~ + 60 ( °C )  
 Sleeve bearing: ( S ) - 10 ~ + 40 ( °C )
- The average service life of motors is over 30000 hours.

● YJF 系列微型罩极式风扇电机，具有结构紧凑，体积小，重量轻，安装方便，噪音低，电磁干扰小，安全可靠，运转寿命长等特点。主要应用于制冷设备，电源设备，电焊机等仪器设备的通风散热。

- 适用环境温度：滚珠轴承 ( B ) - 20 ~ + 60 ( °C )  
 含油轴承 ( S ) - 10 ~ + 40 ( °C )
- 电机平均使用寿命为 30000 小时以上。

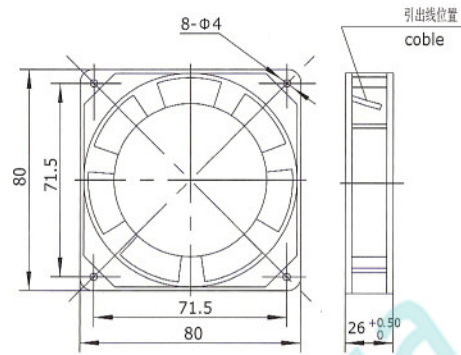
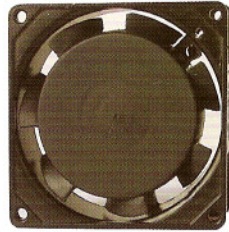
### 型号说明 Illustration of Model





### YJF 8025 Series of Shaded Pole Motor

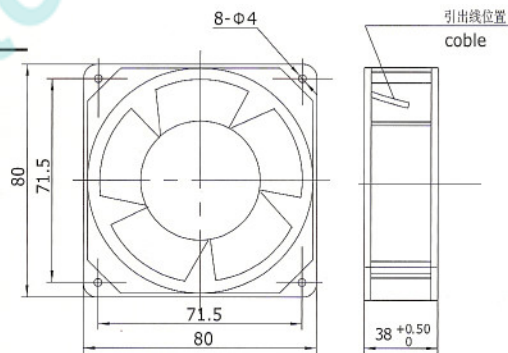
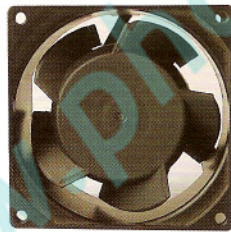
#### YJF 8025 系列罩极电机



型号 MODEL	电压/频率 VOLT/FREQ (V/Hz)	电流 CURRENT (A)	功率 POWER (W)	转速 SPEED (RPM)	噪声 NOISE (dB)	重量 WEIGHT (kg)	台/箱 QTY/CTN (PCS)	纸箱尺寸 MEAS (CM)
YJF8025MS	220/50	0.100	18.0	2200	19.4	0.24	40	30 × 18 × 19
YJF8025MB	220/50	0.100	18.0	2200	20.7	0.24	40	30 × 18 × 19
YJF8025MS	110/50	0.160	15.0	2200	19.4	0.24	40	30 × 18 × 19
YJF8025MB	110/50	0.160	15.0	2200	20.7	0.24	40	30 × 18 × 19
YJF8025HS	220/60	0.096	20.5	2700	21.2	0.24	40	30 × 18 × 19
YJF8025HB	220/60	0.096	20.5	2700	22.1	0.24	40	30 × 18 × 19
YJF8025HS	110/60	0.150	14.0	2700	21.2	0.24	40	30 × 18 × 19
YJF8025HB	110/60	0.150	14.0	2700	22.1	0.24	40	30 × 18 × 19

### YJF 8038 Series Shaded Pole Motors

#### YJF 8038 系列罩极电机

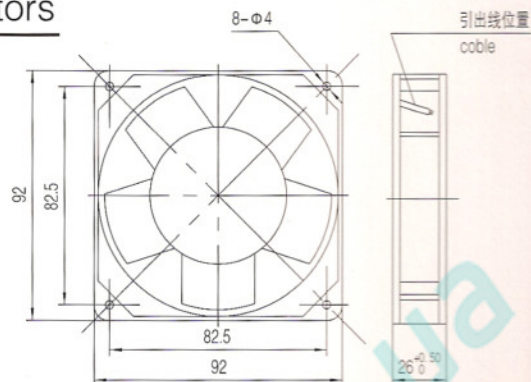


型号 MODEL	电压/频率 VOLT/FREQ (V/Hz)	电流 CURRENT (A)	功率 POWER (W)	转速 SPEED (RPM)	噪声 NOISE (dB)	重量 WEIGHT (kg)	台/箱 QTY/CTN (PCS)	纸箱尺寸 MEAS (CM)
YJF8038MS	220/50	0.085	15.5	2100	22.0	0.27	40	40 × 18 × 19
YJF8038MB	220/50	0.085	15.5	2100	23.4	0.27	40	40 × 18 × 19
YJF8038MS	110/50	0.140	16.0	2100	22.0	0.27	40	40 × 18 × 19
YJF8038MB	110/50	0.140	16.0	2100	23.4	0.27	40	40 × 18 × 19
YJF8038HS	220/60	0.089	18.5	2400	26.8	0.27	40	40 × 18 × 19
YJF8038HB	220/60	0.089	18.5	2400	27.5	0.27	40	40 × 18 × 19
YJF8038HS	110/60	0.130	15.0	2400	26.8	0.27	40	40 × 18 × 19
YJF8038HB	110/60	0.130	15.0	2400	27.5	0.27	40	40 × 18 × 19



## YJF 9225 Series Shaded Pole Motors

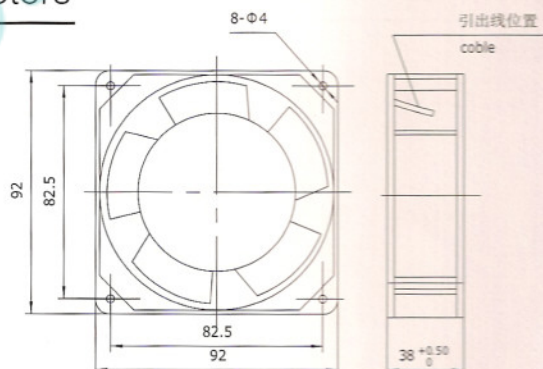
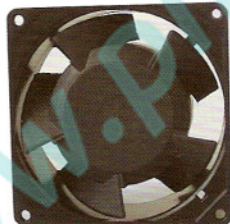
### YJF 9225 系列罩极电机



型号 MODEL	电压/频率 VOLT/FREQ (V/Hz)	电流 CURRENT (A)	功率 POWER (W)	转速 SPEED (RPM)	噪声 NOISE (dB)	重量 WEIGHT (kg)	台/箱 QTY/CTN (PCS)	纸箱尺寸 MEAS (CM)
YJF9225MS	220/50	0.092	18.2	2000	22.7	0.272	40	30 × 20 × 21
YJF9225MB	220/50	0.092	18.2	2000	23.6	0.272	40	30 × 20 × 21
YJF9225MS	110/50	0.110	15.0	2000	22.7	0.272	40	30 × 20 × 21
YJF9225MB	110/50	0.110	15.0	2000	23.6	0.272	40	30 × 20 × 21
YJF9225HS	220/60	0.100	22.0	2500	23.0	0.272	40	30 × 20 × 21
YJF9225HB	220/60	0.100	22.0	2500	24.0	0.272	40	30 × 20 × 21
YJF9225HS	110/60	0.100	13.0	2500	23.0	0.272	40	30 × 20 × 21
YJF9225HB	110/60	0.100	13.0	2500	24.0	0.272	40	30 × 20 × 21

## YJF 9238 Series Shaded Pole Motors

### YJF 9238 系列罩极电机

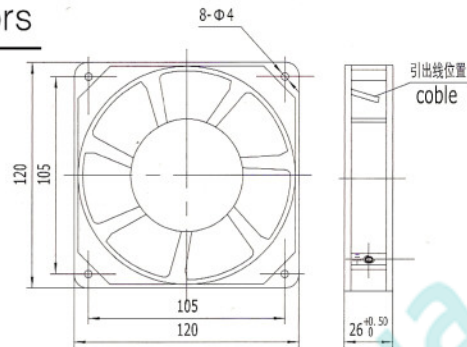


型号 MODEL	电压/频率 VOLT/FREQ (V/Hz)	电流 CURRENT (A)	功率 POWER (W)	转速 SPEED (RPM)	噪声 NOISE (dB)	重量 WEIGHT (kg)	台/箱 QTY/CTN (PCS)	纸箱尺寸 MEAS (CM)
YJF9238HS	220/50	0.085	16.0	2400	26.1	0.387	40	44 × 20 × 21
YJF9238HB	220/50	0.085	16.0	2400	27.3	0.387	40	44 × 20 × 21
YJF9238HS	110/50	0.140	14.0	2400	26.1	0.387	40	44 × 20 × 21
YJF9238HB	110/50	0.140	14.0	2400	27.3	0.387	40	44 × 20 × 21
YJF9238HS	220/60	0.090	18.9	2700	27.6	0.387	40	44 × 20 × 21
YJF9238HB	220/60	0.090	18.9	2700	28.2	0.387	40	44 × 20 × 21
YJF9238HS	110/60	0.150	12.0	2700	27.6	0.387	40	44 × 20 × 21
YJF9238HB	110/60	0.150	12.0	2700	28.2	0.387	40	44 × 20 × 21



### YJF 12025 Series Shaded Pole Motors

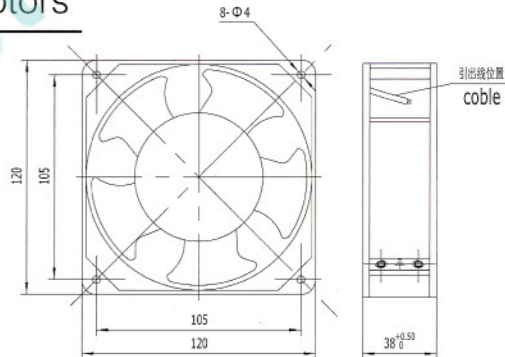
#### YJF 12025 系列罩极电机



型号 MODEL	电压/频率 VOLT/FREQ (V/Hz)	电流 CURRENT (A)	功率 POWER (W)	转速 SPEED (RPM)	噪声 NOISE (dB)	重量 WEIGHT (kg)	台/箱 QTY/CTN (PCS)	纸箱尺寸 MEAS (CM)
YJF12025LS	220/50	0.087	17.4	1900	29.8	0.318	40	30 × 26 × 27
YJF12025LB	220/50	0.087	17.4	1900	35.6	0.318	40	30 × 26 × 27
YJF12025LS	110/50	0.150	16.0	1900	29.8	0.318	40	30 × 26 × 27
YJF12025LB	110/50	0.150	16.0	1900	35.6	0.318	40	30 × 26 × 27
YJF12025MS	220/60	0.085	16.7	2200	35.8	0.318	40	30 × 26 × 27
YJF12025MB	220/60	0.085	16.7	2200	39.6	0.318	40	30 × 26 × 27
YJF12025MS	110/60	0.130	15.0	2200	35.8	0.318	40	30 × 26 × 27
YJF12025MB	110/60	0.130	15.0	2200	39.6	0.318	40	30 × 26 × 27

### YJF 12038 Series Shaded Pole Motors

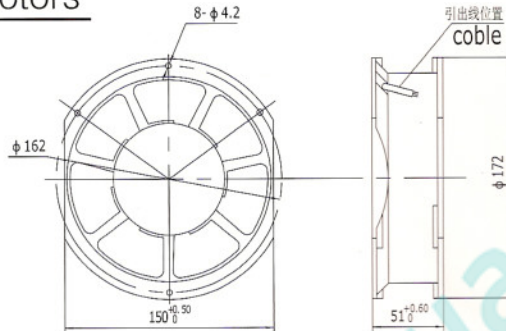
#### YJF 12038 系列罩极电机



型号 MODEL	电压/频率 VOLT/FREQ (V/Hz)	电流 CURRENT (A)	功率 POWER (W)	转速 SPEED (RPM)	噪声 NOISE (dB)	重量 WEIGHT (kg)	台/箱 QTY/CTN (PCS)	纸箱尺寸 MEAS (CM)
YJF12038HS	220/50	0.110	17.1	2500	36.1	0.494	40	44 × 26 × 27
YJF12038HB	220/50	0.110	17.1	2500	37.3	0.494	40	44 × 26 × 27
YJF12038HS	110/50	0.188	14.6	2500	36.1	0.494	40	44 × 26 × 27
YJF12038HB	110/50	0.188	14.6	2500	37.3	0.494	40	44 × 26 × 27
YJF12038HS	220/60	0.125	22.0	2800	40.6	0.494	40	44 × 26 × 27
YJF12038HB	220/60	0.125	22.0	2800	41.9	0.494	40	44 × 26 × 27
YJF12038HS	110/60	0.160	12.8	2800	40.6	0.494	40	44 × 26 × 27
YJF12038HB	110/60	0.160	12.8	2800	41.9	0.494	40	44 × 26 × 27

### YJF 17251 Series Shaded Pole Motors

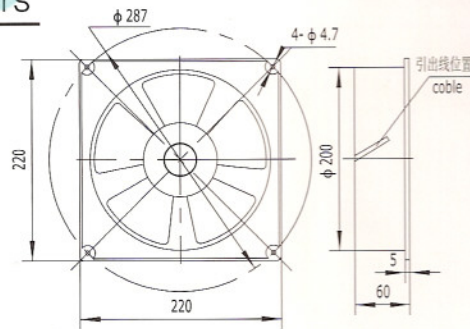
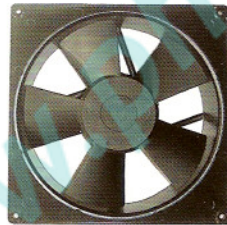
#### YJF 17251 系列罩极电机



型号 MODEL	电压/频率 VOLT/FREQ (V/Hz)	电流 CURRENT (A)	功率 POWER (W)	转速 SPEED (RPM)	噪声 NOISE (dB)	重量 WEIGHT (kg)	台/箱 QTY/CTN (PCS)	纸箱尺寸 MEAS (CM)
YJF17251MS	220/50	0.26	38	2000	42.1	0.900	20	60×33×19.5
YJF17251MB	220/50	0.26	38	2000	43.3	0.900	20	60×33×19.5
YJF17251MS	110/50	0.47	40	2000	42.1	0.900	20	60×33×19.5
YJF17251MB	110/50	0.47	40	2000	43.3	0.900	20	60×33×19.5
YJF17251MS	220/60	0.24	35	2100	46.3	0.900	20	60×33×19.5
YJF17251MB	220/60	0.24	35	2100	48.5	0.900	20	60×33×19.5
YJF17251MS	110/60	0.40	38	2100	46.3	0.900	20	60×33×19.5
YJF17251MB	110/60	0.40	38	2100	48.5	0.900	20	60×33×19.5

### YJF 20060 Series Shaded Pole Motors

#### YJF 20060 系列罩极电机



型号 MODEL	电压/频率 VOLT/FREQ (V/Hz)	电流 CURRENT (A)	功率 POWER (W)	转速 SPEED (RPM)	噪声 NOISE (dB)	重量 WEIGHT (kg)	台/箱 QTY/CTN (PCS)	纸箱尺寸 MEAS (CM)
YJF20060LS	220/50	0.33	55	1300	40.0	1.256	20	67×47×24
YJF20060LB	220/50	0.33	55	1300	40.3	1.256	20	67×47×24
YJF20060LS	110/50	0.40	60	1300	40.0	1.256	20	67×47×24
YJF20060LB	110/50	0.40	60	1300	40.3	1.256	20	67×47×24
YJF20060LS	220/60	0.30	45	1000	45.0	1.256	20	67×47×24
YJF20060LB	220/60	0.30	45	1000	45.6	1.256	20	67×47×24
YJF20060LS	110/60	0.38	42	1000	45.0	1.256	20	67×47×24
YJF20060LB	110/60	0.38	42	1000	45.6	1.256	20	67×47×24



**Underwriters Laboratories Inc.**  
**Workbook Division**  
 APPROVAL NUMBER: 6226013  
 LISTED UNDER FILE NO. 6226013  
 DATE: 05/25/2003

HANGZHOU WEIGUANG ELECTRONIC EQUIPMENT FACTORY  
 111 HONGFENG ROAD  
 YUHANG REGION  
 HANGZHOU ZHEJIANG CHINA

Your most recent Certification is shown below. You may also view this information, or a portion of this information (depending on the product category), on UL's Online Certification Directory at [www.ul.com/database](http://www.ul.com/database). Please review the test and contact the Conformity Assessment Services staff member who handled your project if revisions are required. For instructions on placing an order for this information in a 3 x 5-inch format, you may refer to the enclosed order form for UL Card Service.

**NEW22** May 7, 2003  
 Motor Protection Devices, Inherent Overheating Type - Component

**HANGZHOU WEIGUANG ELECTRONIC EQUIPMENT FACTORY**  
 111 HONGFENG ROAD  
 YUHANG REGION  
 ZHEJIANG CHINA

5226013

This device meets listing and additional performance and use limitations specified in the industry standard of 60322/22000. VDE and CE MARKING REQUIREMENTS: CE mark and VDE 0510, single phase. The motor designation also identifies the pole. Marking: Motor 1/2HP, 400V, 50/60Hz, 100% duty cycle.

Marking: Company name and UL Approved Component Mark type and motor model, as noted in listings.

For General Information Regarding These Certifications  
 For use only in equipment when the acceptance of the certification is determined by Underwriters Laboratories Inc.

44607101

**Underwriters Laboratories Inc.**  
**Workbook Division**  
 APPROVAL NUMBER: 6231221  
 LISTED UNDER FILE NO. 6231221  
 DATE: 06/25/2003

HANGZHOU WEIGUANG ELECTRONIC EQUIPMENT FACTORY  
 111 HONGFENG ROAD  
 YUHANG REGION  
 HANGZHOU ZHEJIANG CHINA

RE: Project Number(s) - 05CA18229

Your most recent Certification is shown below. You may also view this information, or a portion of this information (depending on the product category), on UL's Online Certification Directory at [www.ul.com/database](http://www.ul.com/database). Please review the test and contact the Conformity Assessment Services staff member who handled your project if revisions are required. For instructions on placing an order for this information in a 3 x 5-inch format, you may refer to the enclosed order form for UL Card Service.

**NEF2** June 25, 2003  
 Impedance Protected Motors - Component

**HANGZHOU WEIGUANG ELECTRONIC EQUIPMENT FACTORY**  
 111 HONGFENG ROAD  
 YUHANG REGION  
 ZHEJIANG CHINA

6231221

This device meets listing and additional performance and use limitations specified in the industry standard of 60322/22000. VDE and CE MARKING REQUIREMENTS: CE mark and VDE 0510, single phase. The motor designation also identifies the pole. Marking: Company name and UL Approved Component Mark type and motor model, as noted in listings.

Marking: Company name and UL Approved Component Mark type and motor model, as noted in listings.

For General Information Regarding These Certifications  
 For use only in equipment when the acceptance of the certification is determined by Underwriters Laboratories Inc.

44607101

**VDE Prüf- und Zertifizierungsinstitut**

**GUTACHTEN MIT FERTIGUNGSÜBERWACHUNG**  
**CERTIFICATE OF CONFORMITY WITH FACTORY SURVEILLANCE**

Hangzhou Weiguang Electronic Equipment Factory  
 111 Hongfeng Road  
 Yuhang Region, Hangzhou  
 China

is designated for the Product  
 is authorized to use for their product  
**Einbaumotor**  
**Built-in motor**

die hier abgebildeten markenrechtlich geschützten Zeichen für die im Blatt 2 aufgeführten Typen zu benutzen / the legally protected Marks as shown below for the types referred to on page 2 of

**VDE** Reg. No. A238 **VDE** Reg. No. A238  
 VDE Reg. No. A238

Geprüft und zertifiziert nach / Tested and certified according to

EN 60335-1 VDE 0700 Teil 1:2001/06 EN 60335-1-04-A1-A2-A11 Nach A1:2001  
 EN 60335-2-1 VDE 0702 Teil 2:2001/07 EN 60335-2-34 2009

Abmessungen: 500x134x430/0001 / 235/6  
 File ref: 40006187 Blatt 1  
 Approval No: 40006187 Page

VDE Prüf- und Zertifizierungsinstitut  
 VDE Testing and Certification Institute  
 Zertifizierungssysteme  
 Certification  
 Offenbach, 63053 QS-08

VDE VERBAND DER ELEKTROTECHNIK  
 ELEKTRISCHE PRÜFUNGSTECHNIKER e.V.

**ITS Intertek Testing Services**  
 ETL SEMKO

**CERTIFICATE OF EMC**

REPORT NO.: JSH101019-001

Product: Shaded-pole Motor  
 Applicant: Hangzhou Weiguang Electronic Equipment Factory  
 21 Zhoushan East Road, Hangzhou, P. R. China  
 Technical Data: 220V-240V - 50/60Hz  
 YZF5-13, YZF7-20, YZF10-20, YZF16-30, YZF25-38  
 Output: Input: 53W, 73W, 104W, 167W, 251W

This is to certify that, on the basis of the tests undertaken as per Report No. JSH101019-001, the submitted sample of the above item complies with:

EN55014-1: 1993 A1: 1997 A2: 1999, EN55014-2: 1997  
 EN61000-3-2: 1995 A1: 1998 A2: 1998, EN61000-3-3: 1995

and fulfill testing requirement of the EMC directive (89/336/EEC amended by 93/87/EEC)

Signed for and on behalf of  
**ETL SEMKO SHANGHAI LTD.**

*Qin Shiling*  
 Qin Shiling  
 Chief Engineer

Date of Issue: March 27, 2001

**CE** ETL SEMKO SHANGHAI LIMITED

**ITS Intertek Testing Services**  
 ETL SEMKO

**CERTIFICATE OF COMPLIANCE**

CERTIFICATE OF REPORT NO.: JSH101019-001

Product: Fan Motor for Refrigerating Appliances for ordinary use  
 Certificate holder: Hangzhou Weiguang Electronic Equipment Factory  
 21 Zhou Shan Road, Hangzhou, P. R. China  
 Manufacturer: Hangzhou Weiguang Electronic Equipment Factory  
 21 Zhou Shan Road, Hangzhou, P. R. China  
 Type designation: YZF5-13, YZF7-20, YZF10-20, YZF16-30, YZF25-38  
 Technical data: 220V-230V - 50/60Hz  
 YZF5-13, Input: 33W, Output: 5W  
 YZF7-20, Input: 53W, Output: 7W  
 YZF10-20, Input: 40W, Output: 10W  
 YZF16-30, Input: 73W, Output: 16W  
 YZF25-38, Input: 104W, Output: 25W

This is to certify that, on the basis of the tests undertaken as per Report No. JSH101019-001, the submitted sample of the above item complies with:

EN 60335-2-24:2000  
 EN 60335-1 A15:2000

and fulfill testing requirement of the LVD directive (European Directive 73/23/EEC amended by 93/87/EEC)

Signed for and on behalf of  
**ETL SEMKO SHANGHAI LTD.**

*Qin Shiling*  
 Qin Shiling  
 Chief Engineer

Date of Issue: 27 April, 2001

**CE** ETL SEMKO SHANGHAI LIMITED

**浙江省高新技术企业证书**

兹认定  
**杭州微光电子设备厂**  
 为高新技术企业

浙江省科学技术厅  
 证书编号: 1992010021

**CCC 中国国家强制性产品认证证书**

证书编号: 2003010418273818  
 申请人名称及地址: 杭州微光电机有限公司  
 生产厂名称及地址: 杭州微光电机有限公司  
 产品名称及规格: 单相电容运转电动机  
 产品型号及规格: YZF5-13, YZF7-20, YZF10-20, YZF16-30, YZF25-38  
 产品标准及编号: GB 4849.1-2000, GB 4849.2-2000, GB 4849.3-2000, GB 4849.4-2000, GB 4849.5-2000, GB 4849.6-2000, GB 4849.7-2000, GB 4849.8-2000, GB 4849.9-2000, GB 4849.10-2000, GB 4849.11-2000, GB 4849.12-2000, GB 4849.13-2000, GB 4849.14-2000, GB 4849.15-2000, GB 4849.16-2000, GB 4849.17-2000, GB 4849.18-2000, GB 4849.19-2000, GB 4849.20-2000, GB 4849.21-2000, GB 4849.22-2000, GB 4849.23-2000, GB 4849.24-2000, GB 4849.25-2000, GB 4849.26-2000, GB 4849.27-2000, GB 4849.28-2000, GB 4849.29-2000, GB 4849.30-2000, GB 4849.31-2000, GB 4849.32-2000, GB 4849.33-2000, GB 4849.34-2000, GB 4849.35-2000, GB 4849.36-2000, GB 4849.37-2000, GB 4849.38-2000, GB 4849.39-2000, GB 4849.40-2000, GB 4849.41-2000, GB 4849.42-2000, GB 4849.43-2000, GB 4849.44-2000, GB 4849.45-2000, GB 4849.46-2000, GB 4849.47-2000, GB 4849.48-2000, GB 4849.49-2000, GB 4849.50-2000, GB 4849.51-2000, GB 4849.52-2000, GB 4849.53-2000, GB 4849.54-2000, GB 4849.55-2000, GB 4849.56-2000, GB 4849.57-2000, GB 4849.58-2000, GB 4849.59-2000, GB 4849.60-2000, GB 4849.61-2000, GB 4849.62-2000, GB 4849.63-2000, GB 4849.64-2000, GB 4849.65-2000, GB 4849.66-2000, GB 4849.67-2000, GB 4849.68-2000, GB 4849.69-2000, GB 4849.70-2000, GB 4849.71-2000, GB 4849.72-2000, GB 4849.73-2000, GB 4849.74-2000, GB 4849.75-2000, GB 4849.76-2000, GB 4849.77-2000, GB 4849.78-2000, GB 4849.79-2000, GB 4849.80-2000, GB 4849.81-2000, GB 4849.82-2000, GB 4849.83-2000, GB 4849.84-2000, GB 4849.85-2000, GB 4849.86-2000, GB 4849.87-2000, GB 4849.88-2000, GB 4849.89-2000, GB 4849.90-2000, GB 4849.91-2000, GB 4849.92-2000, GB 4849.93-2000, GB 4849.94-2000, GB 4849.95-2000, GB 4849.96-2000, GB 4849.97-2000, GB 4849.98-2000, GB 4849.99-2000, GB 4849.100-2000

发证日期: 2003年11月11日

**CCC**

**CCC 中国国家强制性产品认证证书**

证书编号: 2003010418273818  
 申请人名称及地址: 杭州微光电机有限公司  
 生产厂名称及地址: 杭州微光电机有限公司  
 产品名称及规格: 单相电容运转电动机  
 产品型号及规格: YZF5-13, YZF7-20, YZF10-20, YZF16-30, YZF25-38  
 产品标准及编号: GB 4849.1-2000, GB 4849.2-2000, GB 4849.3-2000, GB 4849.4-2000, GB 4849.5-2000, GB 4849.6-2000, GB 4849.7-2000, GB 4849.8-2000, GB 4849.9-2000, GB 4849.10-2000, GB 4849.11-2000, GB 4849.12-2000, GB 4849.13-2000, GB 4849.14-2000, GB 4849.15-2000, GB 4849.16-2000, GB 4849.17-2000, GB 4849.18-2000, GB 4849.19-2000, GB 4849.20-2000, GB 4849.21-2000, GB 4849.22-2000, GB 4849.23-2000, GB 4849.24-2000, GB 4849.25-2000, GB 4849.26-2000, GB 4849.27-2000, GB 4849.28-2000, GB 4849.29-2000, GB 4849.30-2000, GB 4849.31-2000, GB 4849.32-2000, GB 4849.33-2000, GB 4849.34-2000, GB 4849.35-2000, GB 4849.36-2000, GB 4849.37-2000, GB 4849.38-2000, GB 4849.39-2000, GB 4849.40-2000, GB 4849.41-2000, GB 4849.42-2000, GB 4849.43-2000, GB 4849.44-2000, GB 4849.45-2000, GB 4849.46-2000, GB 4849.47-2000, GB 4849.48-2000, GB 4849.49-2000, GB 4849.50-2000, GB 4849.51-2000, GB 4849.52-2000, GB 4849.53-2000, GB 4849.54-2000, GB 4849.55-2000, GB 4849.56-2000, GB 4849.57-2000, GB 4849.58-2000, GB 4849.59-2000, GB 4849.60-2000, GB 4849.61-2000, GB 4849.62-2000, GB 4849.63-2000, GB 4849.64-2000, GB 4849.65-2000, GB 4849.66-2000, GB 4849.67-2000, GB 4849.68-2000, GB 4849.69-2000, GB 4849.70-2000, GB 4849.71-2000, GB 4849.72-2000, GB 4849.73-2000, GB 4849.74-2000, GB 4849.75-2000, GB 4849.76-2000, GB 4849.77-2000, GB 4849.78-2000, GB 4849.79-2000, GB 4849.80-2000, GB 4849.81-2000, GB 4849.82-2000, GB 4849.83-2000, GB 4849.84-2000, GB 4849.85-2000, GB 4849.86-2000, GB 4849.87-2000, GB 4849.88-2000, GB 4849.89-2000, GB 4849.90-2000, GB 4849.91-2000, GB 4849.92-2000, GB 4849.93-2000, GB 4849.94-2000, GB 4849.95-2000, GB 4849.96-2000, GB 4849.97-2000, GB 4849.98-2000, GB 4849.99-2000, GB 4849.100-2000

发证日期: 2003年11月11日

**CCC**

**CCC 中国国家强制性产品认证证书**

证书编号: 2003010418273818  
 申请人名称及地址: 杭州微光电机有限公司  
 生产厂名称及地址: 杭州微光电机有限公司  
 产品名称及规格: 单相电容运转电动机  
 产品型号及规格: YZF5-13, YZF7-20, YZF10-20, YZF16-30, YZF25-38  
 产品标准及编号: GB 4849.1-2000, GB 4849.2-2000, GB 4849.3-2000, GB 4849.4-2000, GB 4849.5-2000, GB 4849.6-2000, GB 4849.7-2000, GB 4849.8-2000, GB 4849.9-2000, GB 4849.10-2000, GB 4849.11-2000, GB 4849.12-2000, GB 4849.13-2000, GB 4849.14-2000, GB 4849.15-2000, GB 4849.16-2000, GB 4849.17-2000, GB 4849.18-2000, GB 4849.19-2000, GB 4849.20-2000, GB 4849.21-2000, GB 4849.22-2000, GB 4849.23-2000, GB 4849.24-2000, GB 4849.25-2000, GB 4849.26-2000, GB 4849.27-2000, GB 4849.28-2000, GB 4849.29-2000, GB 4849.30-2000, GB 4849.31-2000, GB 4849.32-2000, GB 4849.33-2000, GB 4849.34-2000, GB 4849.35-2000, GB 4849.36-2000, GB 4849.37-2000, GB 4849.38-2000, GB 4849.39-2000, GB 4849.40-2000, GB 4849.41-2000, GB 4849.42-2000, GB 4849.43-2000, GB 4849.44-2000, GB 4849.45-2000, GB 4849.46-2000, GB 4849.47-2000, GB 4849.48-2000, GB 4849.49-2000, GB 4849.50-2000, GB 4849.51-2000, GB 4849.52-2000, GB 4849.53-2000, GB 4849.54-2000, GB 4849.55-2000, GB 4849.56-2000, GB 4849.57-2000, GB 4849.58-2000, GB 4849.59-2000, GB 4849.60-2000, GB 4849.61-2000, GB 4849.62-2000, GB 4849.63-2000, GB 4849.64-2000, GB 4849.65-2000, GB 4849.66-2000, GB 4849.67-2000, GB 4849.68-2000, GB 4849.69-2000, GB 4849.70-2000, GB 4849.71-2000, GB 4849.72-2000, GB 4849.73-2000, GB 4849.74-2000, GB 4849.75-2000, GB 4849.76-2000, GB 4849.77-2000, GB 4849.78-2000, GB 4849.79-2000, GB 4849.80-2000, GB 4849.81-2000, GB 4849.82-2000, GB 4849.83-2000, GB 4849.84-2000, GB 4849.85-2000, GB 4849.86-2000, GB 4849.87-2000, GB 4849.88-2000, GB 4849.89-2000, GB 4849.90-2000, GB 4849.91-2000, GB 4849.92-2000, GB 4849.93-2000, GB 4849.94-2000, GB 4849.95-2000, GB 4849.96-2000, GB 4849.97-2000, GB 4849.98-2000, GB 4849.99-2000, GB 4849.100-2000

发证日期: 2003年11月11日

**CCC**

**WIT WIT ASSESSMENT**

**CERTIFICATE OF REGISTRATION**

This is to certify that the Management System established by

**Hangzhou Weiguang Electronic Equipment Factory**

No. 111 Hongfeng Road, Yuhang Region, Hangzhou City, China

Has been assessed to comply with the requirements of the international standard

**ISO 9001:2000**

Scope of certification  
 Manufacture and Service of Micro Motor

REGISTRATION DATE OF ISSUE: 04.11.2003 VALIDITY PERIOD: 36 Months