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MaEr Fan Motor

www.maerfanmotor.net
www.maerfanmotor.com

Professional · Honest · Human Oriented



浙江马尔风机有限公司,前身是杭州马尔微电机有限公司,公司坐落于浙江省海宁市长安镇,毗邻高铁海宁西站,沪杭高速长安出口,成立于1995年,有近20年生产外转子电机,风机的经验.公司生产的YWF系列外转子电机,有三相电机(S型),单相电容运转电机(D型),罩极电机,节能型EC风机,电机.电机额定转速从500r/min到3000r/min,输出功率范围5w到1800w,广泛用于



离心风机和轴流风机上,公司生产的YWF系列外转子轴流风机的规格从 $\phi 175$ 到 $\phi 900$ 之间的各种规格,产品具有结构紧凑,效率高,噪音低,外形美观,安装方便,产品运行稳定等优点,广泛应用于机械设备,制冷设备及家用电器制造行业中。

公司以绿色,环保,低碳为理念,投产了新一代节能电机,风机,EC系列。该系列应用无刷直流电机驱动,使风机具有更高的工作效率,良好的调速性能,安全可靠的速度控制方法,为用户提供更大的选择余地。

公司生产的电机,风机系列产品获省,市检查优质称号,通过了CCC,CE认证,并取得了全国工业产品生产许可证。

公司通过了ISO9001:2008质量管理体系认证,有完善的质量保证体系和严格的质量保障措施。

公司凭借着以技术为先导,质量为本的宗旨,愿以优秀的产品,良好的服务,与新老客户一起共创辉煌。

ZHEJIANG MAER FAN MOTOR CO.,LTD. Formerly name is HANGZHOU MAER MICRO MOTOR CO.,LTD. locate in Chang'an town,Haining city, Zhejiang Province, beside the HAINING WEST HIGH-SPEED RAIL STATION. Close to the Chang'an exit SHANGHAI HANGZHOU EXPRESS WAY. Corporation was founded in 1995. With around 20 years experience produce motor and fan motor. The YWF series products line of the external rotor motor used in the fans are widely applied in the centrifugal fans and the axial fans, which include three-phase motor (S), single-phase capacitance running motor (D), square shaded pole (Z) external rotor motor. The rating range of the rotation rate is 500r/min-3000r/min, and the input power is from 5W to 1800W. The YWF line of axial fan with external rotor motors has diversified specifications between $\phi 175\text{mm}$ and $\phi 900\text{mm}$. With the merits of compact structure, high efficiency, low noise, good looking appearance and reliable operation etc., all the products are widely used in the refrigeration apparatus and household appliances.



With the tenet of green, environmental protection and low carbon, a new product line- EC series now under produce. Driving with the brushless direct current electromotor, these new energy-saving and motor have the merits of high efficiency, flexible speed change control etc., which can give you wider choices.

The motors and fans supplied by us were awarded the honor of high quality in an inspection within the province and city. Moreover the products passed the CE and CCC certifications in 2003. The company also obtain the national industrial production license.

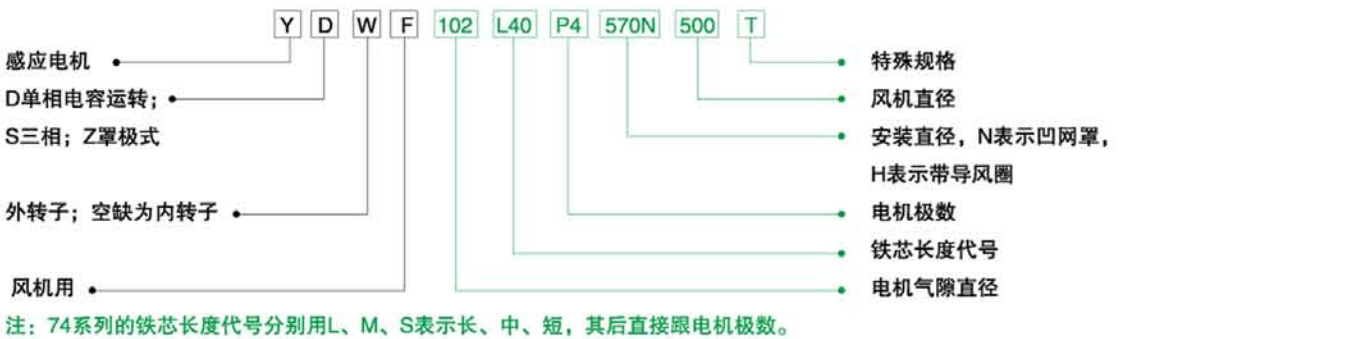
The company is also certified by the quality management system of ISO 9001:2008, which has perfect quality assurance system and strict quality assuring measures.

With the tenet of leading by technology and based on quality, the company are always ready to provide excellent products and good service to build glory with all the clients.





一、型号



二、电压

常规产品：三相为AC380V/50Hz，单相电容运转电机和罩极电机为AC220V/50Hz，特殊电压和频率，以及非通用产品，订货时应特别说明。

三、风向

常规产品为吸风式：空气从电机向网罩流动。需反向时客户应说明吹风式。

四、性能参数

对于相同风叶直径相同极数的50Hz风机，不管是单相还是三相，电机轴功率相同，如说明书参数表所附，为风机进出口均为零静压时测得。风机噪声为风机出口(45°)1米处的实测值。

五、风量曲线

按照GB/T 1236 (idt ISO 5801) 采用C型风管进气试验装置，锥形进口喷管，风机带网罩测得。所标压力为进口静压。

六、电机温升为风机在零静压时测得，出厂时，一般风机温升控制在50K以下，冷风机温升控制在70K以下。电机绝缘级为B级时，适应环境温度为-40℃~+60℃，电机绝缘级为F级时,适应环境温度为-40℃~+75℃。超出上述温度范围，订货时应说明。

七、单相电机内均安装有热保护器，其动作温度为130±5℃(B级)或150±5℃(F级)。三相电机若需安装热保护器，订货时应说明。

八、当客户只需外转子电机（不带风叶和网罩，型号不带安装直径和风叶直径）用于离心风机时，应提供电机工作点的转速、功率和安装等数据，最好能提供风轮和蜗壳样品。

九、当客户需对外转子电机进行抽头调速时，为保证低速档的滑差性能要求，高速档的转速和风量相对于常规产品会有所调低。

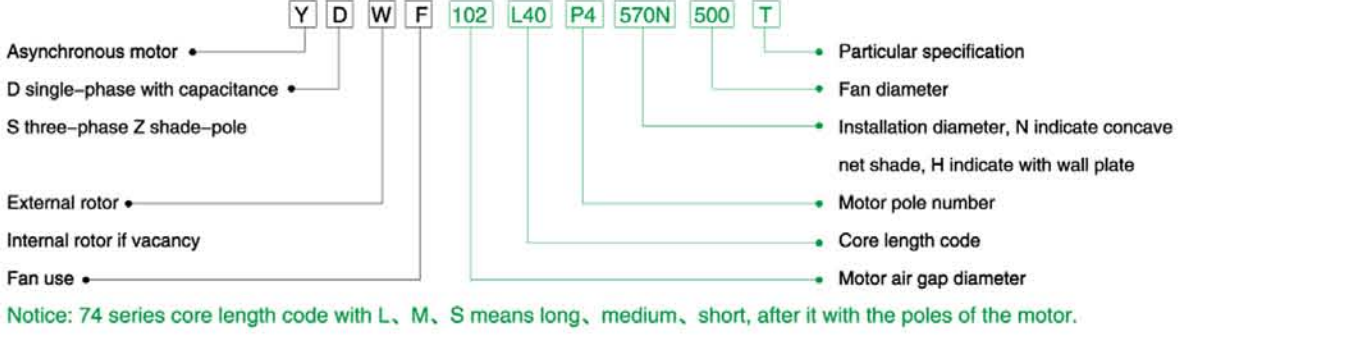
十、常规产品引出线长度为0.8~1米，特殊长度及装接线盒需特殊说明。

十一、冷风机电机需经特殊工艺处理，以适应低温潮湿环境工作，订货时需说明。

十二、客户若需加大功率或特殊规格产品(如Φ315、Φ330、Φ380、Φ420等)需定制。

十三、说明书所标注重量为净重。

I、Model



II、Voltage

Conventional products: three-phase motor is AC380V/50Hz, single-phase motor and shade-pole motor are AC220V/50Hz, special voltage or frequency, and universal product, need special state when orders.

III、Wind direction

Conventional products are suction type: air flow from motor to net shade. If reversed should be stated blowing type.

IV、Capability parameter

The 50Hz axial fan with same diameters and pole number, no matter single phase or three phase, motor shaft power is same, the parameter which showed as the instruction, which is tested when the inlet and outlet are static pressure. The noise of the fans is measured one meter away from the outlet (45°).

V、Air flow curve

The flux(Q) is measured, using type C inlet tester according to GB/T 1236 (idt ISO 5801) and tapered import nozzle, while the blower is fixed on the tester with net shade.

VI、Motor temperature rising tested under inlet pressure is static, when finished, normal fans temperature rising controlled under 50K, air cooler fan controlled under 70K. When the motor insulation Class is B, the suitable working temperature is -40℃~+60℃, When the insulation Class is F, the environment range is -40℃~75℃. If beyond the above temperature range, should state when orders.

VII、All of the single phase motor with thermal protector inside, the operating temperature is 130±5℃(Cl.B) or 150±5℃(Cl.F). Three phase motor if need install the thermal protector, should state when orders.

VIII、When you need external rotor motor only (without fans and net shade, so no fixing diameter and fan diameter), for the centrifugal blower, you should offer the data of the working: speed, power, fix-size, may as well offer the sample of the fan.

IX、When you need tap speed change for the external rotor motor, the high speed and its flux will be reduced in order to ensure the slip capability of the low speed.

X、For the general products, the length of lead is 0.8~1 m, if need special length or junction box should be special noted.

XI、When booking need to indicate if the fan will be used in the air cooler machine, which need special treatment in order to adapt for low temperature and moisture environment.

XII、If customer need special enlarge power or special specification products (like Φ315、Φ330、Φ380、Φ420 and so on) need custom-made.

XIII、The weight marked in the instruction is net weight.



电机型号 Motor specification: _____ 风机直径 Fan diameter: _____ 数量 Quantity: _____ 台

一、电压和频率 Voltage and frequency:

1 三相电机 Three-phase motor:

☐ AC380V/50Hz, ☐ AC380V/60Hz, ☐ 其它 others: AC____V/____Hz.

2 单相电容运转电机 Single-phase motor:

☐ AC220V/50Hz, ☐ AC220V/60Hz, ☐ 其它 others: AC____V/____Hz.

二、风向 Wind direction:

☐ 吸风式: 空气从电机向网罩流动

Suction(S): air flow from motor to net shade

☐ 吹风式: 空气从网罩向电机流动

Blowing(B): air flow from net shade to motor



三、用途 Used for:

☐ 冷凝器 Condenser ☐ 冷干机 Cooling and dry machine ☐ 冷风机 Air-cooler ☐ 离心风机 Centrifugal fan ☐ 其它 Others

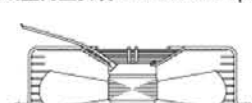
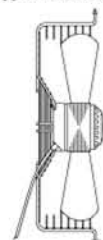
四、安装环境及方式 Environment and installation methods:

☐ 室内 Indoor

☐ 室外垂直安装 Outdoor and vertical

☐ 端盖向上安装 Outdoor and upward

☐ 端盖向下安装 Outdoor and downward



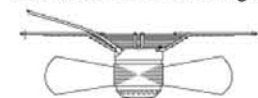
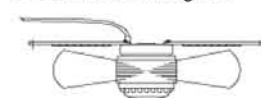
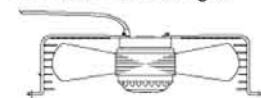
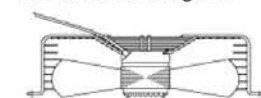
五、网罩 Net shade:

☐ 凹网罩N Concave grid N

☐ 平网罩P Flat Screen grid P

☐ 平板网罩B Flat net grid B

☐ 凹板网罩NB Concave flat grid NB



☐ 其它 Others

六、调速 Speed change:

☐ 不调速, 参数按说明书 No speed change

☐ Y/Δ调速 Y/Δ speed change

☐ 抽头调速 Tap speed change

☐ 带电子调速 With electronic speed controller

☐ 其它 Others

七、引出线 Lead cable:

☐ 带接线盒 With junction box

☐ 引出线长0.8米~1米 Length of lead 0.8 m to 1 m

☐ 引出线长 Length of lead _____ m

☐ 边出线 Border outgoing line

八、离心风机用外转子电机 External rotor motor for centrifugal fan:

1 转向(从出线端看) Rotation direction(look from the lead):

☐ 顺时针 Clock Wise (CW)

☐ 逆时针 Counter Clock Wise (CCW)

2 法兰 Flange:

☐ 有, 常规尺寸 Yes, Conventional size

☐ 有, 客户尺寸 Yes, Customer size

☐ 无, 外径尺寸 No, the diameter of the rotor _____ mm, 公差 Tolerance _____.

九、其它(包括相同要求的其它规格) Others (include other specifications):

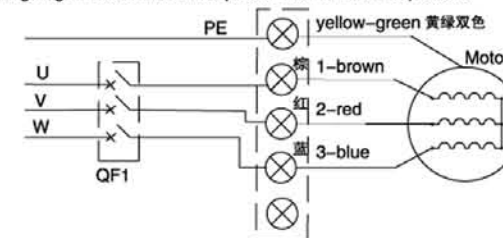
需方 Demander: _____ 联系人 Contactor: _____

电话 Tel: _____ 传真 Fax: _____ 日期 Date: _____

接线图 / WIRING DIAGRAM

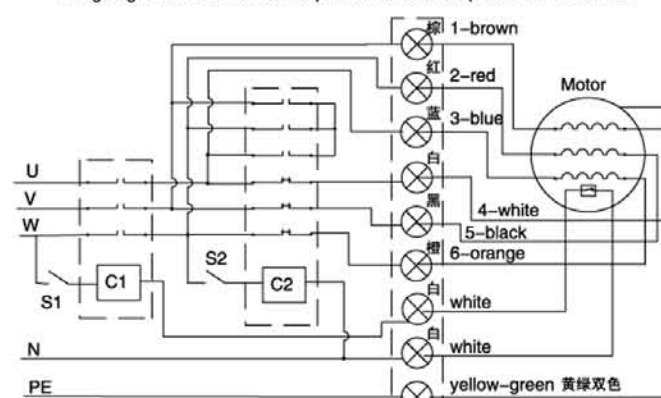
1、普通三相风机接线图

Wiring diagram for common three phase motor with thermal protector



2、三相Y/Δ运行、带热保护器风机接线图

Wiring diagram for fans with thermal protector under three phase Y/Δ connection



C1-运行控制接触器,S1接通,风机运行.

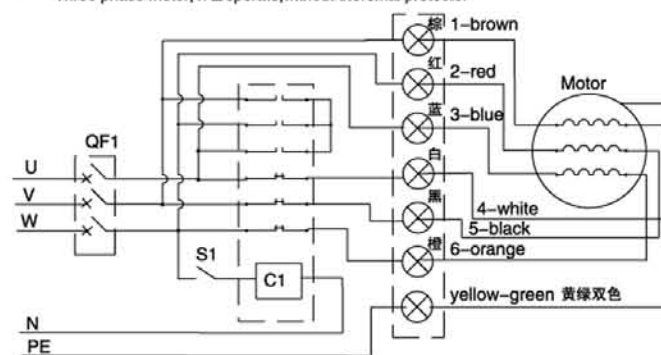
C2-Y/Δ运行控制接触器,S2断开,Δ接法;S2接通,Y接法.

C1-Run control touch machine,connect S1,run fan.

C2-Y/Δ Control touch machine, S2 cut, Δ connection; S2 connect, Y connection.

3、三相Y/Δ运行、不带热保护器风机接线图

Three phase motor, Y/Δ operate, without thermal protector



QF1-运行控制空气开关,QF1接通,风机运行.

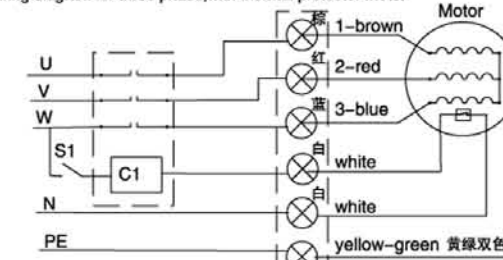
C1-Y/Δ运行控制接触器,S1断开,Δ接法;S1接通,Y接法.

QF1-Run control air switch, connect QF1, fan start.

C1-Y/Δ Run control touch machine, cut S1, Δ connection, connect S1; Y connection.

4、三相风机带热保护器风机接线图

Wiring diagram for three phase, with thermal protector motor

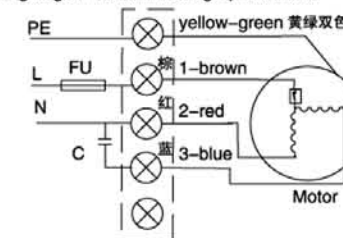


C1-运行控制接触器,S1接通,风机运行.

C1-Run control touch machine, S1 connect, fan start.

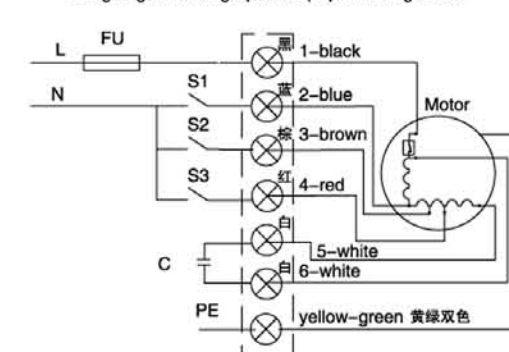
5、普通单相风机接线图

Wiring diagram for common single phase motor



6、单相抽头调速风机接线图

Wiring diagram for single phase tap speed change motor



警告:

S1、S2、S3必须互锁, 每时只限于一只合上。

S1、S2、S3分别为高、中、低速档开关。电动机启动应由S1完成。

NOTICE:

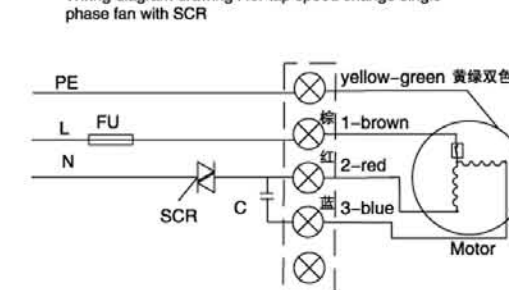
S1、S2、S3 Must be locke each other, every time only one allowed shut.

S1、S2、S3 is high, middle, and low speed switch motor start up

should be done by S1.

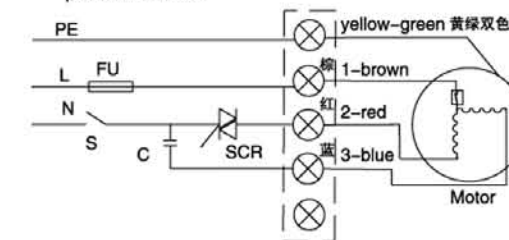
7、单相风机SCR调速接线图I

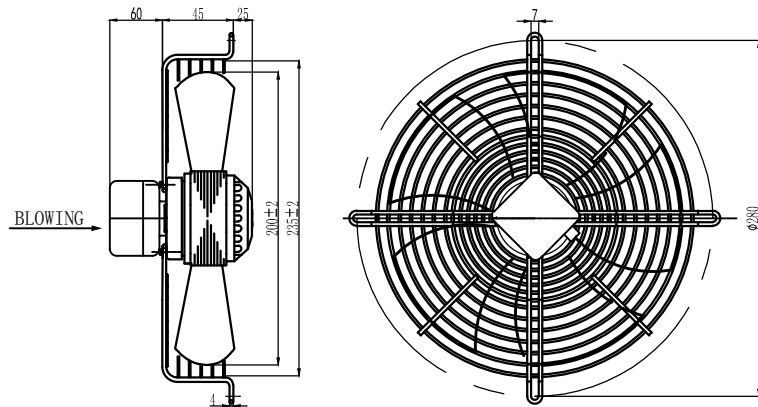
Wiring diagram drawing I for tap speed change single phase fan with SCR



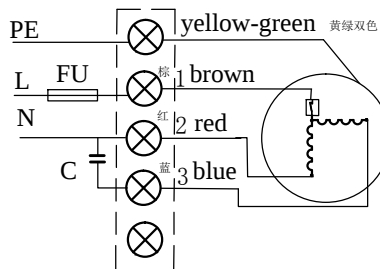
8、单相风机SCR调速接线图II

Wiring diagram drawing II for tap speed change single phase fan with SCR



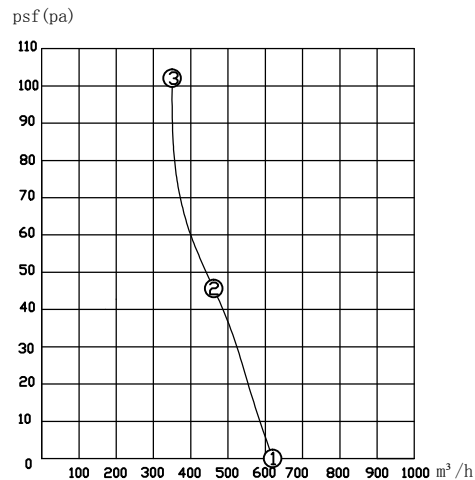


Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500V•min, and the insulation resistance is not less than 100M at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP44, fan protection level, IP2X.
6. The fan balance level is: $2618 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.
7. MAER box.



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.24	55	2679	619	
②	46	0.25	58	2618	462	
③	102	0.26	59	2589	352	MAX EFF

MARK

**MAER** AXIAL FAN MOTOR
MOTORS & FANS

MODEL : YDWF68L15P2-280P-200 BLOWING
2E-200-B
VOLTAGE : 220V/50HZ
N. W/G. W. 2. 3/2. 5KG
MEAS: 25X25X14 CM
CL. F WITH TERMINAL BOX

20180509X

Nameplate:



YDWF68L15P2-280P-200 B 1~220V/50Hz 2μF/450V
59W 0.26A 2589r/min @ 102Pa
CL.F IP44 2018/05

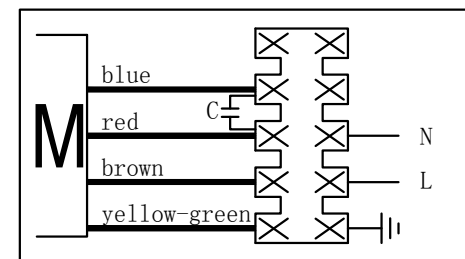


 MAER	Product model	YDWF67L15P2-280P-200 B
	product type	External rotor axial flow fan
	customer	乌克兰 (Ukraine)
	Product number	MAER-1708041
	certification	CE, CCC

Condition of use:

- 1) voltage and frequency: $1 \sim 220V \pm 5\%$, $50Hz$.
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm^2 .
- 3) Installation position: vertical or upward.
- 4) ambient temperature: $-10 \sim 80^\circ\text{C}$.

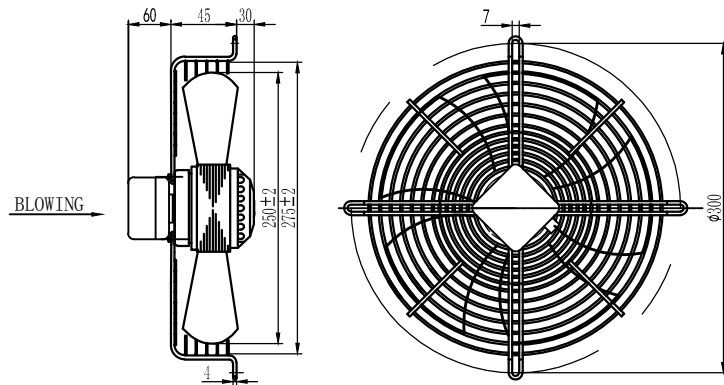
The external wiring diagram:



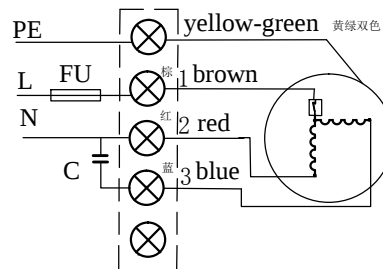
Test data at free :

connection	UAC (V) $\pm 5\%$	f (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noi dB(A)
	1~220	50	58	0.25	2618	66

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	Deliver before		
	After the out of action		
drawing			Product Specification
audit			
approval			

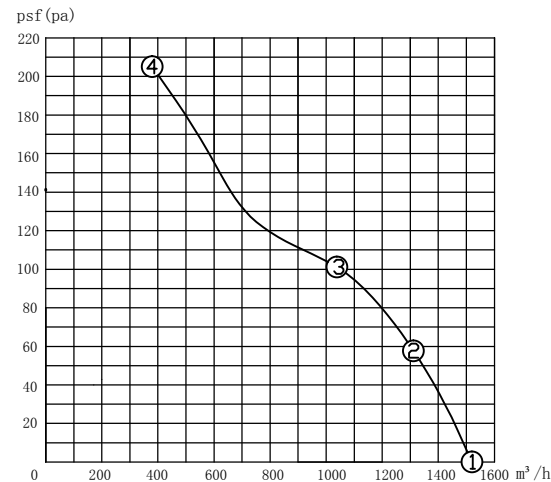


Wiring diagram:



Technical specification:

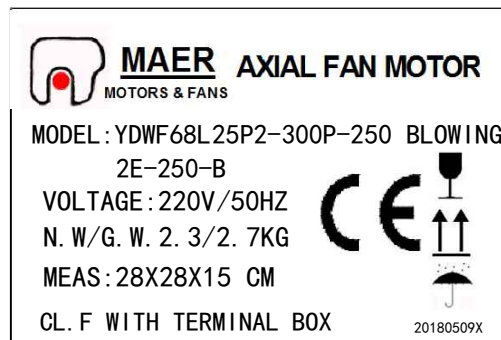
1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500V•min, and the insulation resistance is not less than 100M at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP44, fan protection level, IP2X.
6. The fan balance level is: $2632 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.
7. MAER box.



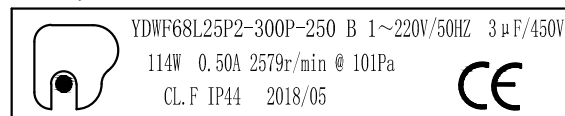
Performance parameters at key point:

	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.43	97	2706	1524	
②	58	0.47	107	2632	1308	
③	101	0.50	114	2579	1041	MAX EFF.
④	205	0.59	136	2364	384	I MAX .

MARK



Nameplate:

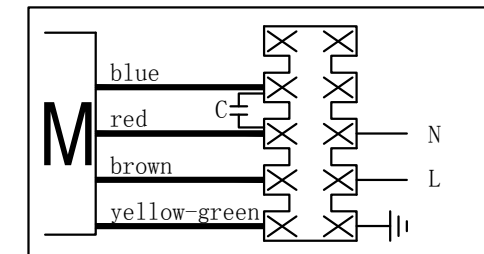


Product model	YDWF67L25P2-300P-250 B
product type	External rotor axial flow fan
customer	乌克兰 (Ukraine)
Product number	MAER-1708041
certification	CE, CCC

Condition of use:

- 1) voltage and frequency: $1 \sim 220 \text{ V} \pm 5\%$, 50 Hz .
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm^2 .
- 3) Installation position: vertical or upward.
- 4) ambient temperature: $-40 \sim 75^\circ\text{C}$.

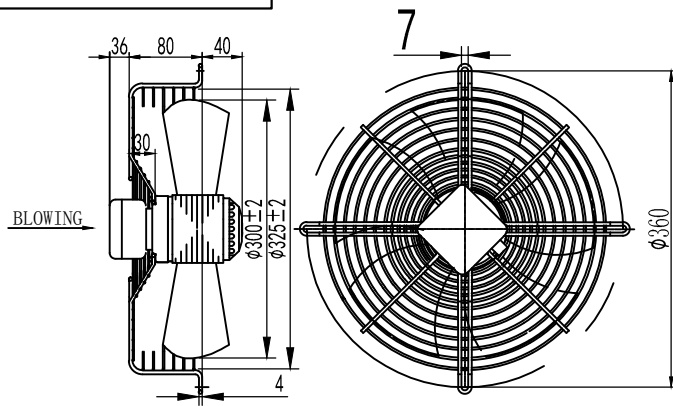
The external wiring diagram:



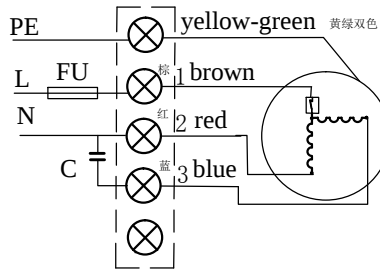
Test data at free :

connection	UAC (V) $\pm 5\%$	f (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noise dB(A)
	1~220	50	107	0.47	2632	68

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	deliver before		
	after the outfacin		
drawing			Product Specification
audit			
approval			

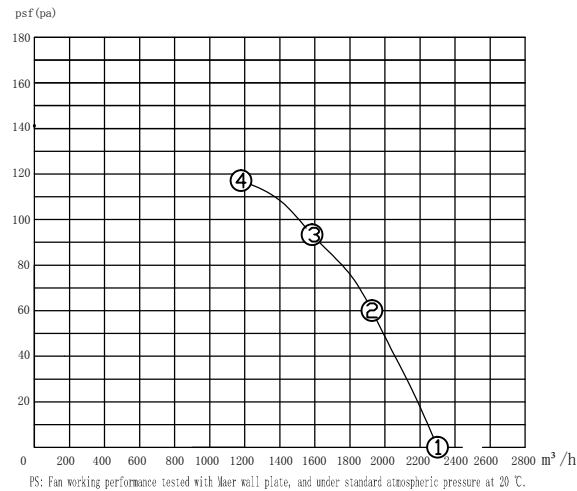


Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500V•min, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP44, fan protection level, IP2X.
6. The fan balance level is: 2700±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
7. MAER box.



Performance parameters at key point:

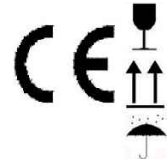
	psf	I	PI	n	Q	Note
50HZ	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.60	138	2721	2299	
②	50	0.67	154	2658	1991	
③	92	0.73	168	2592	1597	MAX EFF.
④	117	0.76	176	2539	1183	IMAX

MARK



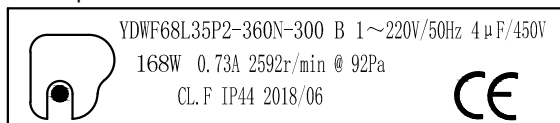
MAER AXIAL FAN MOTOR
MOTORS & FANS

MODEL : YDWF67L35P2-360N-300 BLOWING
2E-300-B
VOLTAGE : 220V/50HZ
N. W/G. W. 3. 3/3. 9KG
MEAS: 35X35X16 CM
CL. F WITH TERMINAL BOX



20180509X

Nameplate:



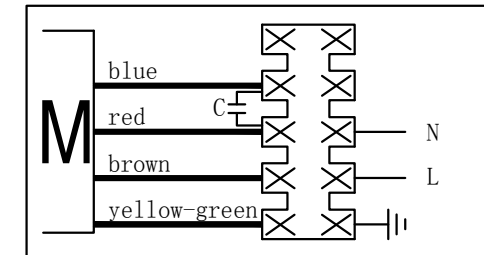
MAER

Product model	YDWF67L35P2-360N-300 B
product type	External rotor axial flow fan
customer	
Product number	MAER-1704272
certification	CE, CCC

Condition of use:

- 1) voltage and frequency: 1 ~ 220 V±5 %, 50 Hz.
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm².
- 3) Installation position: vertical or upward.
- 4) ambient temperature: -10 ~ 70 °C.

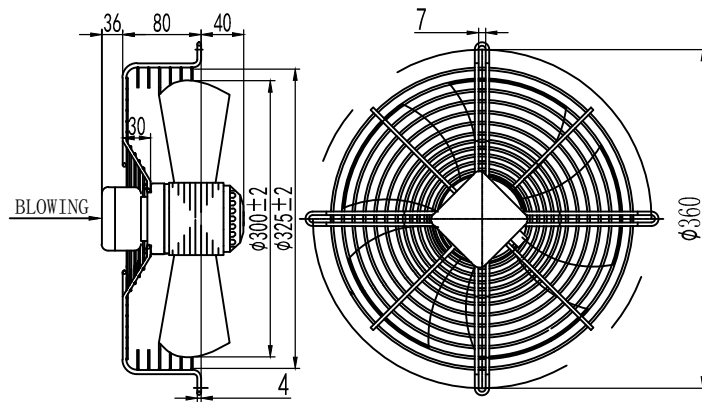
The external wiring diagram:



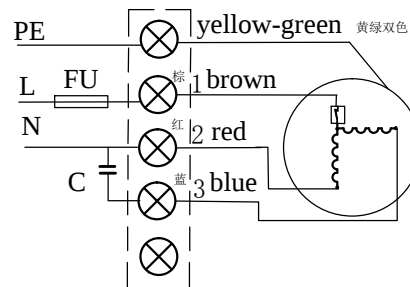
Test data at free :

connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A)±10%	n (r/min) ±10%	Noise dB(A)
	1~220	50	154	0.62	2700	70

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO. , LTD.
State	Deliver before		
	After the contract		
drawing			Product Specification
audit			
approval			



Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500V•min, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP44, fan protection level, IP2X.
6. The fan balance level is: 1380±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
7. MAER box.



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	psf	I	P1	n	Q	Note
50HZ	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.39	84	1370	1757	
②	23	0.40	86	1362	1521	
③	35	0.41	89	1354	1275	MAX EFF.
④	75	0.48	105	1267	615	IMAX

MARK



MAER AXIAL FAN MOTOR
MOTORS & FANS

MODEL : YDWF68L35P4-360N-300 BLOWING

4E-300-B

VOLTAGE : 220V/50HZ

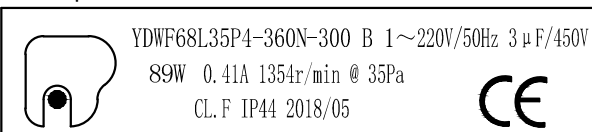
N. W/G. W. 3. 3/3. 9KG

MEAS : 35X35X16 CM

CL. F WITH TERMINAL BOX

20180509X

Nameplate:



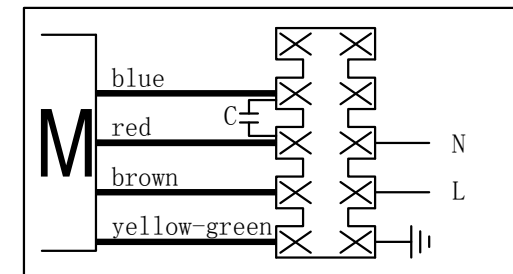
MAER

Product model	YDWF68L35P4-360N-300 B
product type	External rotor axial flow fan
customer	
Product number	MAER-1704272
certification	CE, CCC

Condition of use:

- 1) voltage and frequency: 1 ~ 220 V ± 5 %, 50 Hz.
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm².
- 3) Installation position: vertical or upward.
- 4) ambient temperature: -10 ~ 75 °C.

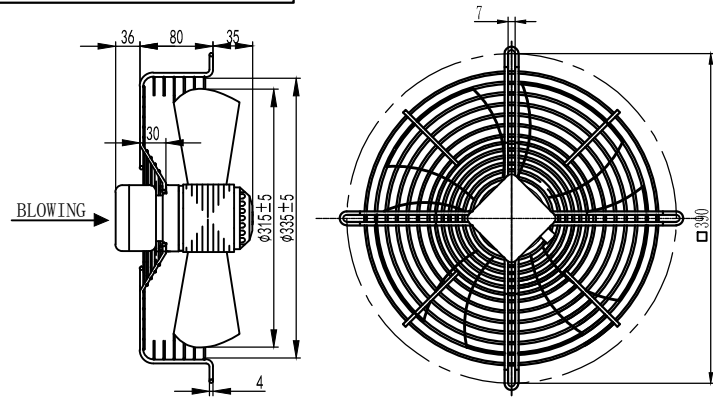
The external wiring diagram:



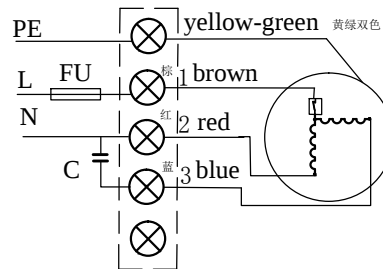
Test data at free :

connection	UAC (V) ± 5%	f (Hz)	P1 (W) ± 10%	I (A) ± 10%	n (r/min) ± 10%	Noise dB(A)
	1~220	50	85	0.42	1380	59

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	deliver before		
	after the confirmation		
drawing			Product Specification
audit			
approval			

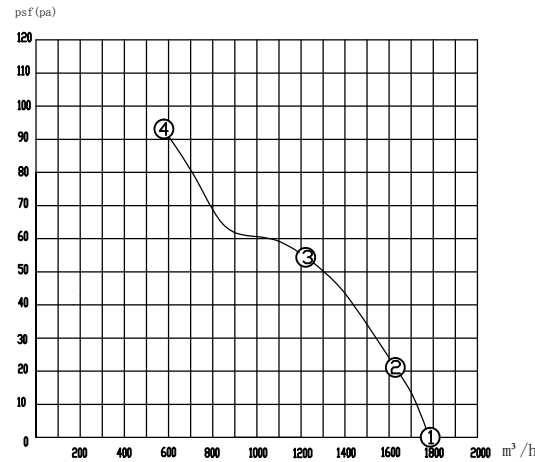


Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500V•min, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP44, fan protection level, IP2X.
6. The fan balance level is: 1360±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
7. MAER box.

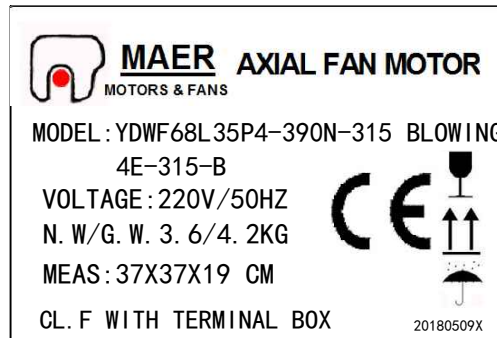


PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

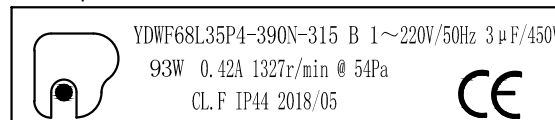
Performance parameters at key point:

	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.38	82	1377	1792	
②	22	0.39	86	1360	1618	
③	54	0.42	93	1327	1227	MAX EFF.
④	93	0.47	104	1253	576	IMAX

MARK



Nameplate:

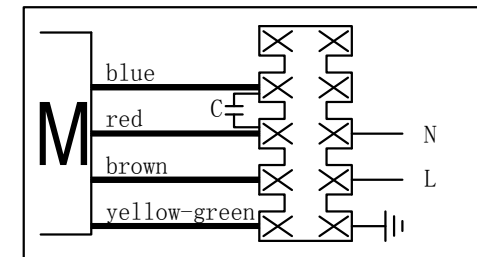


Product model	YDWF68L35P4-390N-315 B
product type	External rotor axial flow fan
customer	
Product number	MAER-1704272
certification	CE, CCC

Condition of use:

- 1) voltage and frequency: 1 ~ 220 V±5 %, 50 Hz.
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm².
- 3) Installation position: vertical or upward.
- 4) ambient temperature: -40~75 °C.

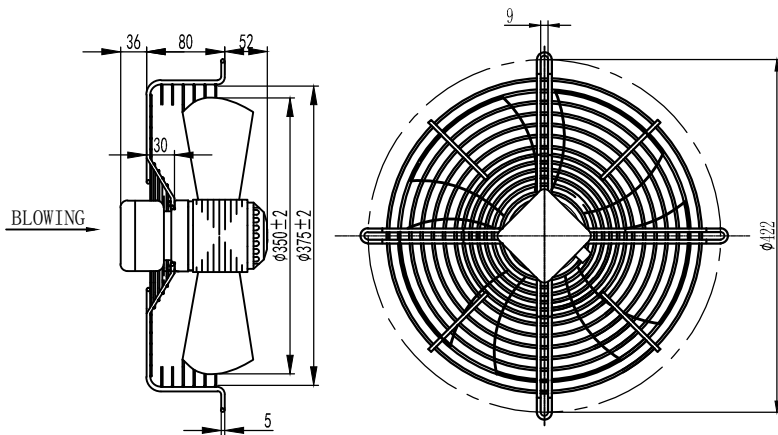
The external wiring diagram:



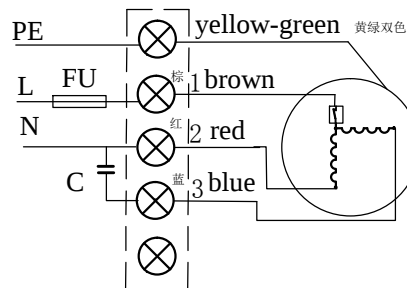
Test data at free :

connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	1~220	50	86	0.39	1360	60

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
status	deliver before		
	after the out of action		
drawing			Product Specification
audit			
approval			

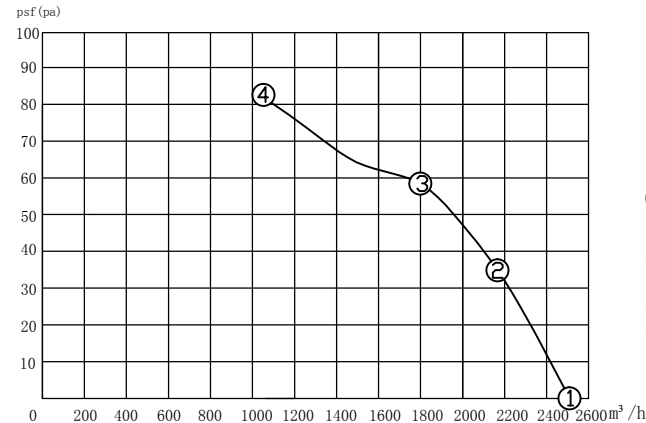


Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500V•min, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP54, fan protection level, IP2X.
6. The fan balance level is: 1380±10%r/min high than G6.3, vibration value is less than 5.4mm/s.



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	0.57	125	1407	2512	
②	34	0.60	133	1392	2183	
③	58	0.65	143	1371	1803	MAX EFF.
④	80	0.81	180	1266	1098	IMAX

MARK

**MAER**
MOTORS & FANS

AXIAL FAN MOTOR

MODEL : YDWF74L34P4-422N-350 BLOWING

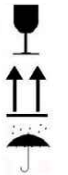
4E-350-B

VOLTAGE : 220V/50HZ

N. W/G. W. 5. 1/5. 9KG

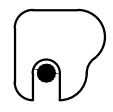
MEAS: 40X40X20 CM

CL. F WITH TERMINAL BOX



20180509X

Nameplate:



YDWF74L34P4-422N-350 B 1~220V/50Hz 4 μF/450V

143W 0.65A 1371r/min @ 58Pa

CL. F IP54 2018/05



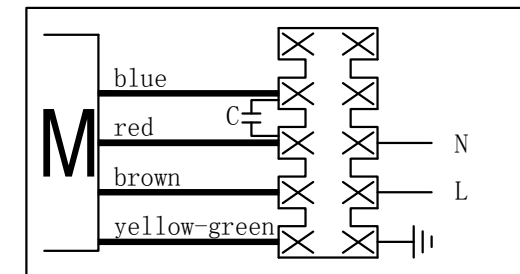


Product model	YDWF74L34P4-422N-350 B
product type	External rotor axial flow fan
customer	
Product number	MAER-1503053
certification	CE, CCC

Condition of use:

- 1) voltage and frequency: 1 ~ 220 V± 5 %, 50 Hz.
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm².
- 3) Installation position: vertical or upward.
- 4) ambient temperature: -40 ~ 75 °C.

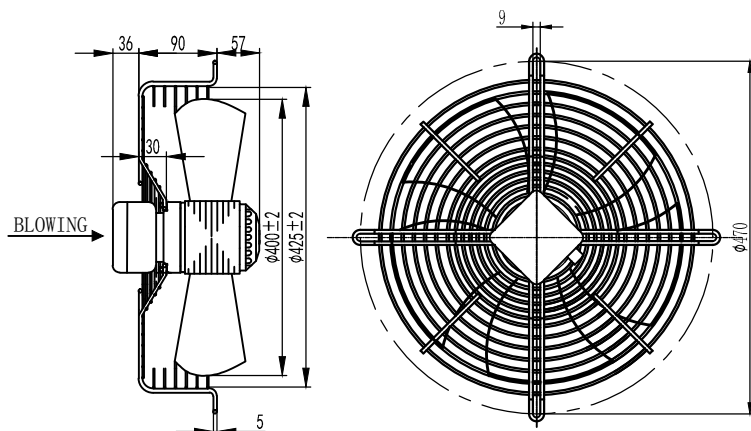
The external wiring diagram:



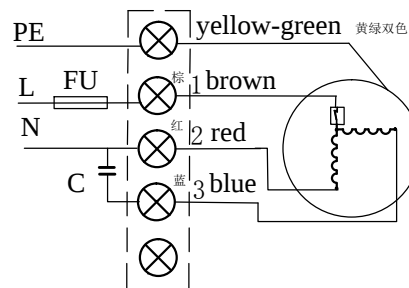
Test data at free :

connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	1~220	50	145	0.63	1380	63

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
deliver before			
state			
after the confirmation			
drawing			Product Specification
audit			
approval			

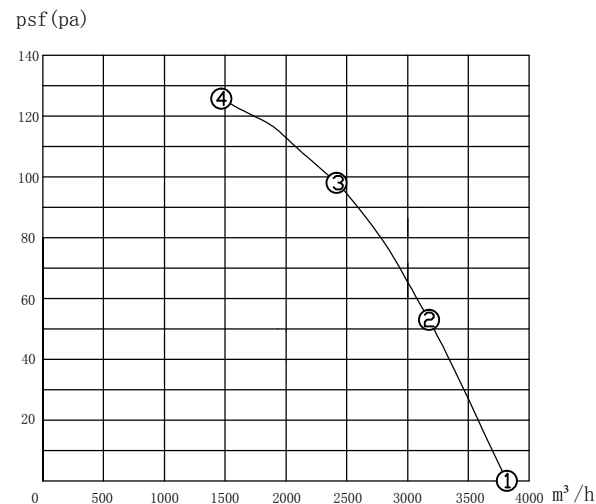


Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500V·min, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP54, fan protection level, IP2X.
6. The fan balance level is: 1400±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
7. MAER box.



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 ℃.

Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	0.77	167	1413	3727	
②	53	0.87	191	1386	3207	
③	99	1.00	219	1352	2417	MAX EFF.
④	123	1.05	231	1333	1590	IMAX

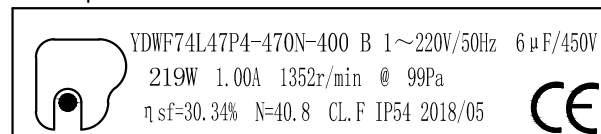
MARK



MODEL : YDWF74L47P4-470N-400 BLOWING
4E-400-B
VOLTAGE : 220V/50HZ
N. W/G. W. 6/7. 1KG
MEAS : 44X44X20 CM
CL. F WITH TERMINAL BOX

20180509X

Nameplate:

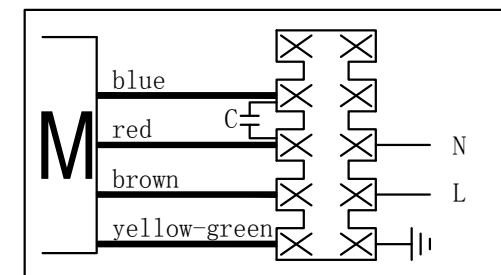


Product model	YDWF74L47P4-470N-400 B
product type	External rotor axial flow fan
customer	
Product number	MAER-150301D
certification	CE, CCC

Condition of use:

- 1) voltage and frequency: 1 ~ 220 V± 5 %, 50 Hz.
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm².
- 3) Installation position: vertical or upward.
- 4) ambient temperature: -40 ~ 75℃.

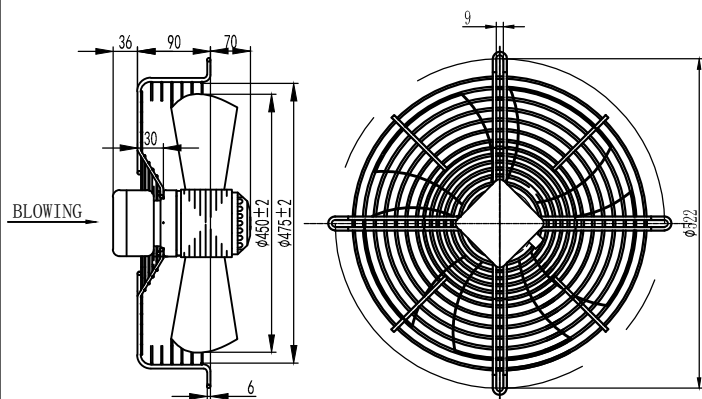
The external wiring diagram:



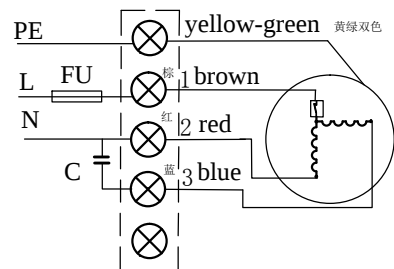
Test data at free :

connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	1~220	50	185	0.85	1400	67

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
deliver before			
state			
After the confirmation			
drawing			Product Specification
audit			
approval			

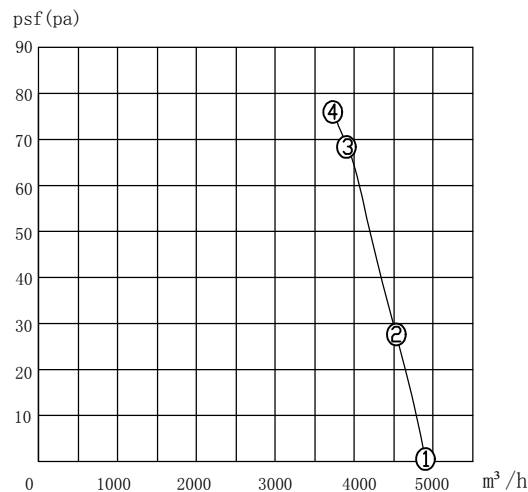


Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500V•min, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP45, fan protection level, IP2X.
6. The fan balance level is: 1380 ± 10 g/min high than G6.3, vibration value is less than 5.4 mm/s.
7. MAER box.



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

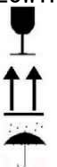
Performance parameters at key point:

	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.93	204	1394	4900	
②	27	1.01	222	1374	4534	
③	68	1.13	249	1339	3993	MAX EFF.
④	74	1.17	257	1324	3719	IMAX

MARK

**MAER** AXIAL FAN MOTOR
MOTORS & FANS

MODEL : YDWF74L60P4-522N-450 BLOWING
4E-450-B
VOLTAGE : 220V/50HZ
N. W/G. W. 7. 3/8. 7KG
MEAS: 50X50X22 CM
CL. F WITH TERMINAL BOX



20180509X

Nameplate:



YDWF74L60P4-522N-450 B 1~220V/50Hz 8 μF/450V
249W 1.13A 1339r/min @ 68Pa
η sf=30.47% N=40.5 CL. F IP54 2018/05



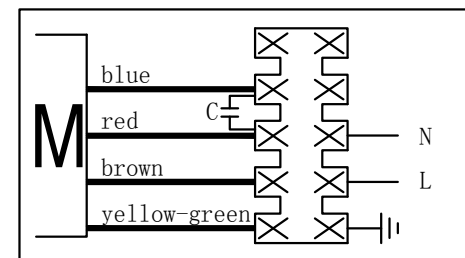


Product model	YDWF74L60P4-522N-450 B
product type	External rotor axial flow fan
customer	
Product number	MAER-1803210
certification	CE, CCC

Condition of use:

- 1) voltage and frequency: $1 \sim 220 \text{ V} \pm 5\%$, 50 Hz.
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm^2 .
- 3) Installation position: vertical or upward.
- 4) ambient temperature: $-10 \sim 80^\circ \text{C}$.

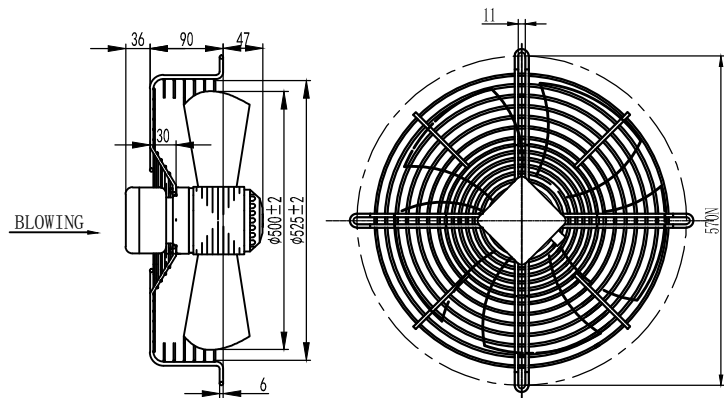
The external wiring diagram:



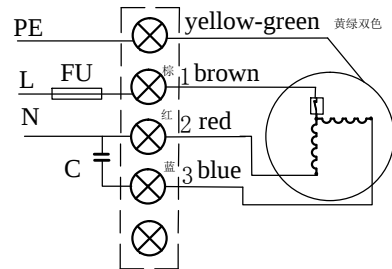
Test data at free :

connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	1~220	50	230	1.14	1380	67

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	before before		
after the out			
drawing			Product Specification
audit			
approval			



Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500V•min, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP45, fan protection level, IP2X.
6. The fan balance level is: 1380±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
7. MAER box.

MARK

MAER AXIAL FAN MOTOR
MOTORS & FANS

MODEL: YDWF102L35P4-570N-500 BLOWING
4E-500-B
VOLTAGE: 220V/50HZ
N. W/G. W. 9. 3/10. 8KG
MEAS: 55X55X21CM
CL. F WITH TERMINAL BOX

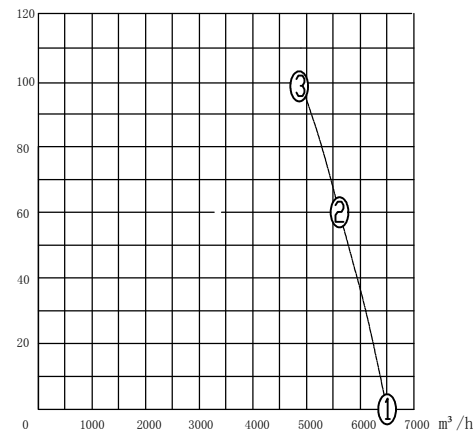
20180509X

Nameplate:

YDWF102L35P4-570N-500 B 1~220V/50Hz 10μF/450V
424W 1.92A 1323r/min @ 98Pa
ηsf=31.56% N=40.1 CL. F IP54 2018/05

CE

psf (pa)



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 ℃.

Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	1.56	342	1380	6542	
②	60	1.79	394	1345	5609	
③	98	1.92	424	1323	4923	MAX EFF.

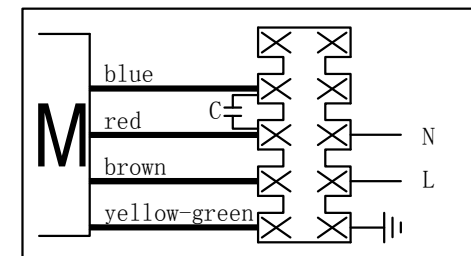


Product model	YDWF102L35P4-570N-500 B
product type	External rotor axial flow fan
customer	
Product number	MAER-1803210
certification	CE, CCC

Condition of use:

- 1) voltage and frequency: 1 ~ 220 V±5 %, 50 Hz.
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.75 mm².
- 3) Installation position: vertical or upward.
- 4) ambient temperature: -40~80℃.

The external wiring diagram:

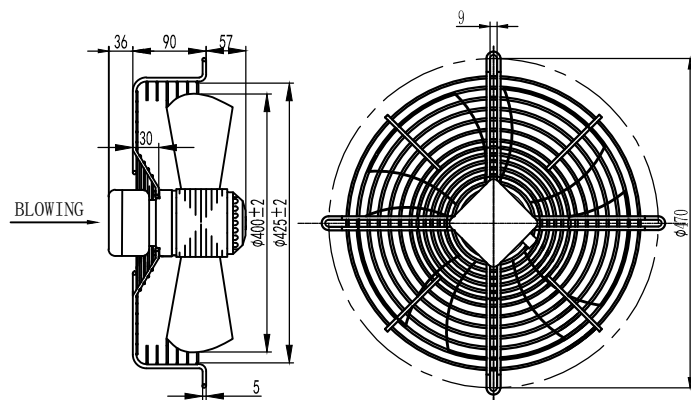


Test data at free :

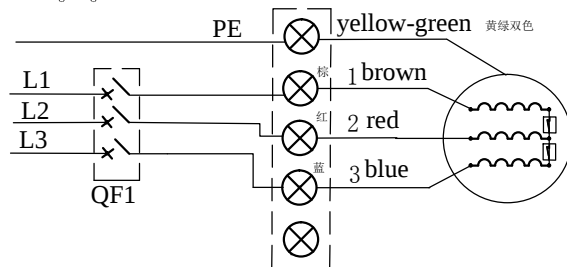
connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	1~220	50	390	1.65	1390	70

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	Deliver before		
	After the outflow		
drawing			Product Specification
audit			
approval			

V			The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO. , LTD.
	state	deliver before			Product Specification
		after the confirmation			
		drawing			
		audit			
approval					

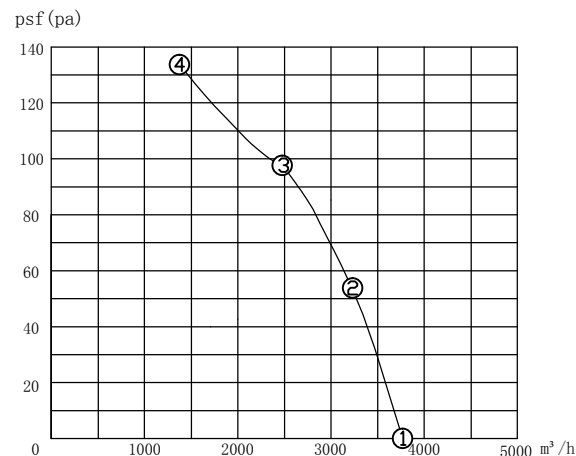


Wiring diagram:



Technical specification:

- All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V.S, and the insulation resistance is not less than 100MΩ at room temperature.
- Motor insulation class, F CLASS.
- Motor protection level, IP54, fan protection level, IP2X.
- The fan balance level is: 1400±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
- MAER box.
- Built-in heat protector.



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	0.42	166	1407	3768	
②	54	0.44	196	1385	3215	
③	97	0.46	216	1362	2484	MAX EFF.
④	131	0.48	235	1348	1441	IMAX

MARK



MODEL: YSWF74L47P4-470N-400 BLOWING
4D-400-B
VOLTAGE: 380V/50HZ
N. W/G. W. 6/7. 1KG
MEAS: 44X44X20 CM
CL. F WITH TERMINAL BOX

20180716X

Nameplate:



YSWF74L47P4-470N-400 B 3~380V/50Hz
216W 0.46A 1362r/min @ 97Pa
η sf=30.97% N=41.4 CL.F IP54 2018/07



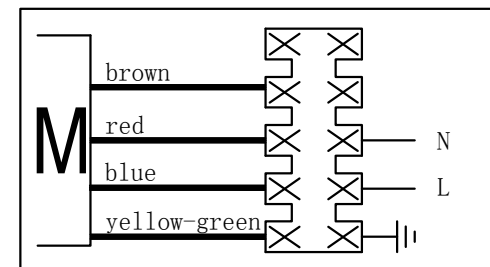
MAER

Product model	YSWF74L47P4-470N-400 B
product type	External rotor axial flow fan
customer	
Product number	MAER-1606280
certification	CCC、CE

Condition of use:

- voltage and frequency: 3 ~ 380 V ± 5 %, 50 Hz 。
- qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm².
- Installation position: vertical or upward.
- ambient temperature: -40 ~ 80 °C 。

The external wiring diagram:

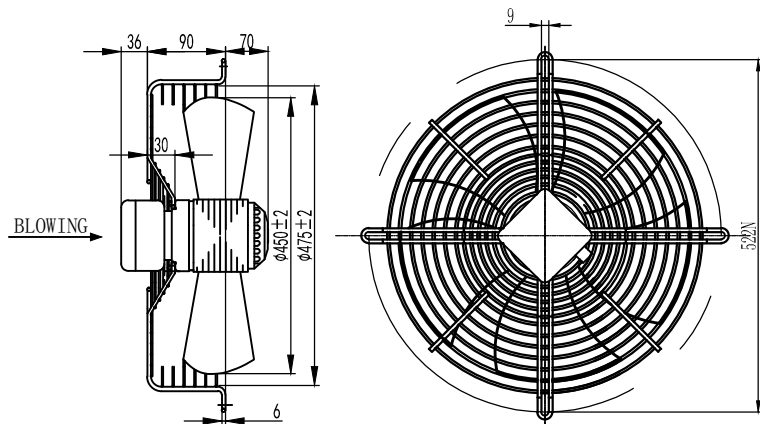


Test data at free :

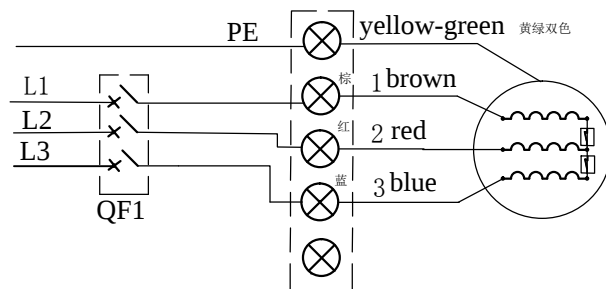
connection	UAC (V)±5%	F (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	3~380	50	185	0.45	1400	69

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
deliver before state			
after the confirmation			
drawing			
audit			
approval			

Product Specification

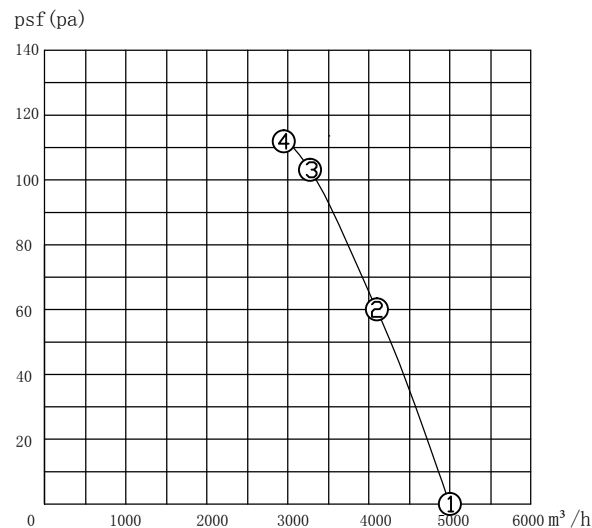


Wiring diagram:



Technical specification:

- 1.All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- 2.Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- 3.The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V•S, and the insulation resistance is not less than 100MΩ at room temperature.
- 4.Motor insulation class, F CLASS.
- 5.Motor protection level, IP54, fan protection level, IP2X.
- 6.The fan balance level is:1370±10%r/min high than G6.3,vibration value is less than 5.4mm/s.
- 7.Built-in heat protector.

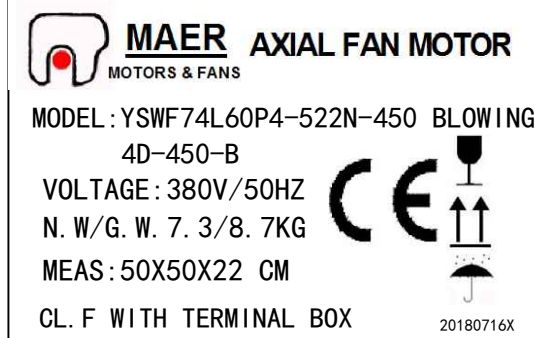


PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

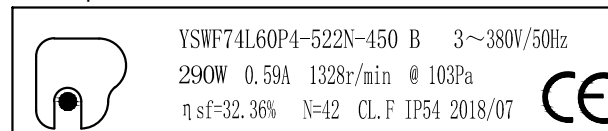
Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	0.52	210	1387	4987	
②	59	0.56	255	1356	4280	
③	103	0.59	290	1328	3276	MAX EFF.
④	111	0.59	292	1325	3019	IMAX

MARK



Nameplate:

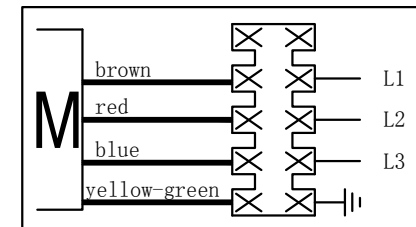


Product model	YSWF74L60P4-522N-450 B
product type	External rotor axial flow fan
customer	
Product number	MAER-150301D
certification	CE,CCC

Condition of use:

- 1) voltage and frequency: 3 ~ 380 V± 5 %, 50 Hz。
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm².
- 3) Installation position: vertical or upward.
- 4) ambient temperature: -10 ~ 70 °C。

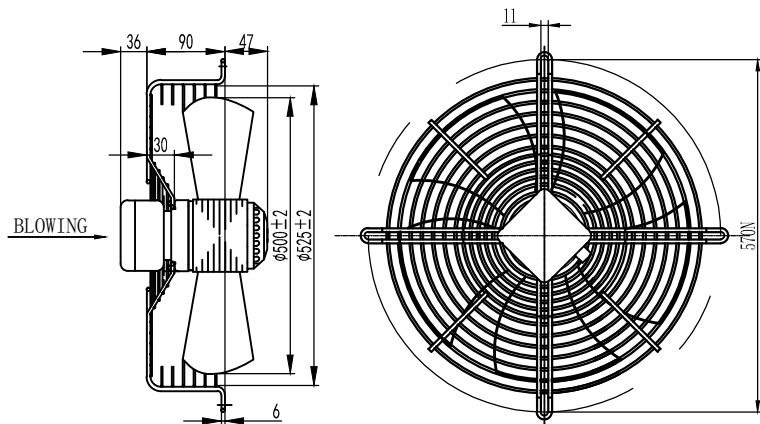
The external wiring diagram:



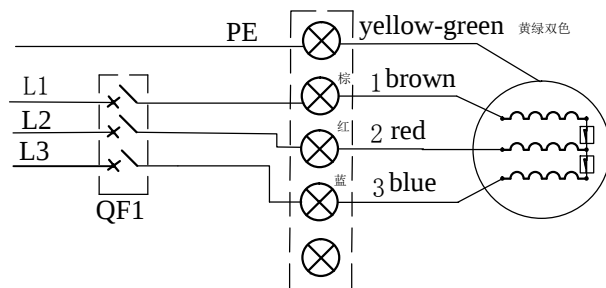
Test data at free :

connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	3~380	50	240	0.57	1370	68

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	deliver before		
	after the confirmation		
drawing			Product Specification
audit			
approval			



Wiring diagram:



MARK

Technical specification:

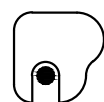
- All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V•S, and the insulation resistance is not less than 100MΩ at room temperature.
- Motor insulation class, F CLASS.
- Motor protection level, IP54, fan protection level, IP2X.
- The fan balance level is: 1390±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
- MAER box.
- Built-in heat protector.



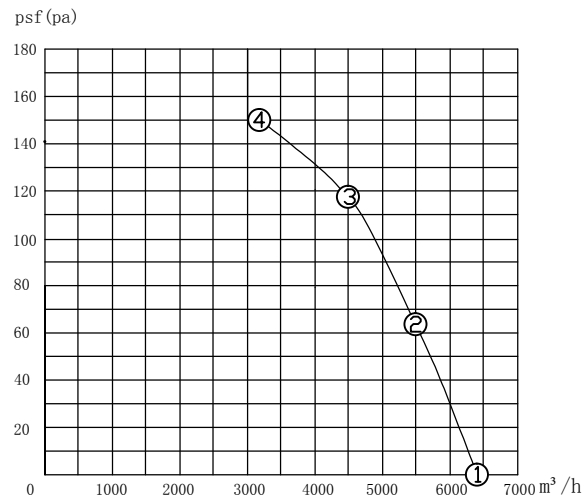
MODEL: YSWF102L35P4-570N-500 BLOWING
4D-500-B
VOLTAGE: 380V/50HZ
N. W/G. W. 9. 3/10. 8KG
MEAS: 55X55X21 CM
CL. F WITH TERMINAL BOX

20180716X

Nameplate:



YSWF102L35P4-570N-500 B 3~380V/50Hz
449W 0.83A 1332r/min @ 117Pa
η_{sf}=32.47% N=40.9 CL.F IP54 2018/07



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.72	349	1380	6460	
②	64	0.78	405	1356	5635	
③	117	0.83	449	1332	4483	MAX EFF.
④	139	0.83	455	1327	3501	IMAX



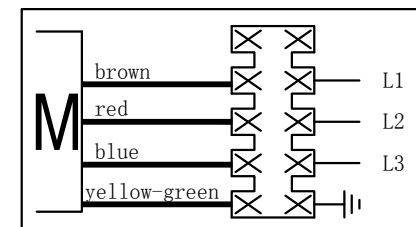
MAER

Product model	YSWF102L35P4-570N-500 B
product type	External rotor axial flow fan
customer	
Product number	MAER-150301D
certification	CE, CCC

Condition of use:

- voltage and frequency: 3 ~ 380 V± 5 %, 50 Hz.
- Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.75 mm².
- Installation position: vertical or upward.
- ambient temperature: -40 ~ 80 °C.

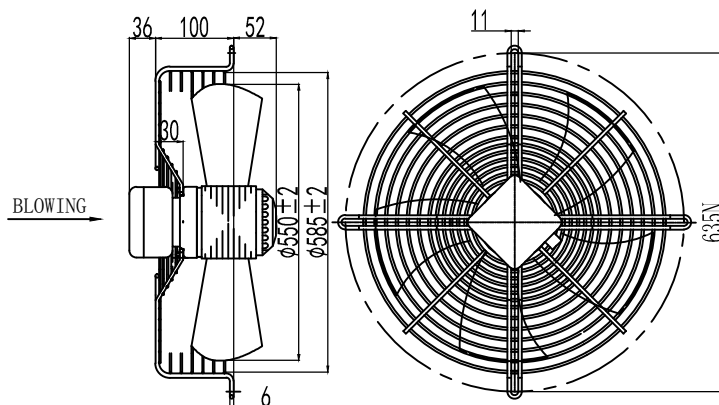
The external wiring diagram:



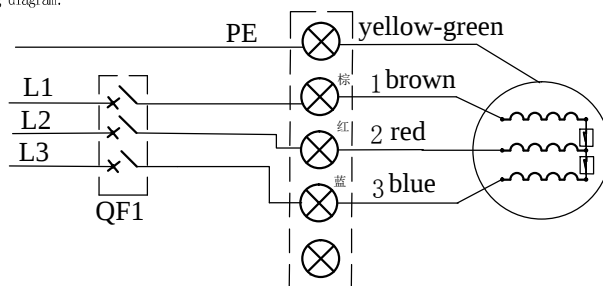
Test data at free :

connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	3~380	50	390	0.76	1390	70

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	deliver before		
	after the confirmation		
drawing			Product Specification
audit			
approval			

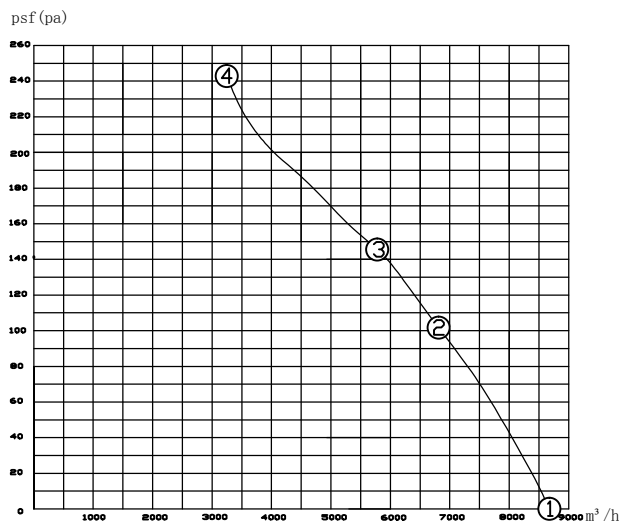


Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V.S, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP54, fan protection level, IP2X.
6. The fan balance level is: $1400 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.
7. MAER box.
8. Built-in heat protector.



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	1.13	524	1411	8575	
②	104	1.25	641	1387	6756	
③	144	1.27	670	1377	5895	MAX EFF.
④	242	1.49	815	1355	3252	IMAX

MAER AXIAL FAN MOTOR
 MOTORS & FANS
MODEL: YSWF102L50P4-625N-550 BLOWING
4D-550-B
VOLTAGE: 380V/50HZ
N. W/G. W. 10/11.5KG
MEAS: 60X60X21 CM
CL. F WITH TERMINAL BOX
 20180716X

Nameplate:

YSWF102L50P4-625N-550 B 3~380V/50Hz
 670W 1.27A 1377r/min @45Pa
 η sf=35.4% N=42.7 CL.F IP54 2018/07

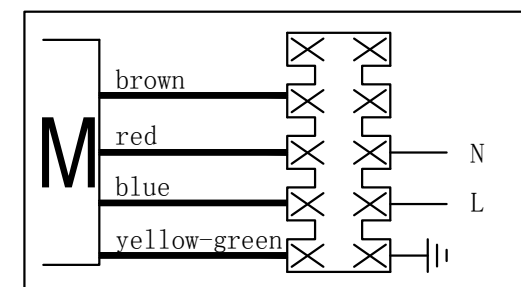


Product model	YSWF102L50P4-635N-550 B
product type	External rotor axial flow fan
customer	
Product number	MAER-1610177
certification	CE、CCC

Condition of use:

- 1) voltage and frequency: $3 \sim 380V \pm 5\% 50Hz$.
- 2) Lead cable: Terminal block, the recommended standard of lead wire is not less than 0.75 mm^2 .
- 3) Installation position: vertical or upward.
- 4) ambient temperature: $-40 \sim 70^\circ\text{C}$.

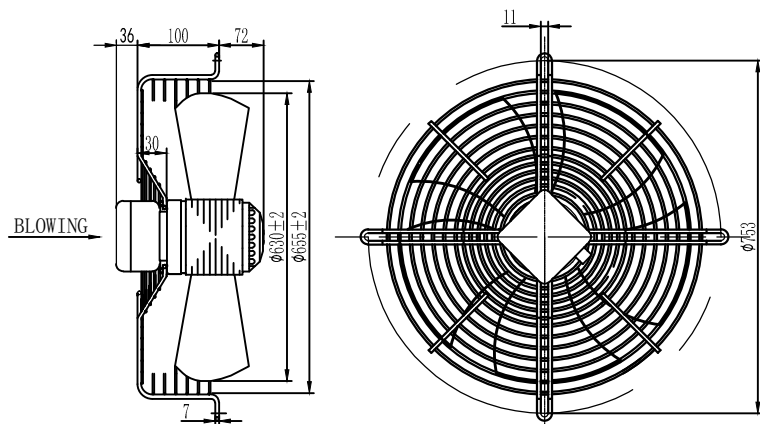
The external wiring diagram:



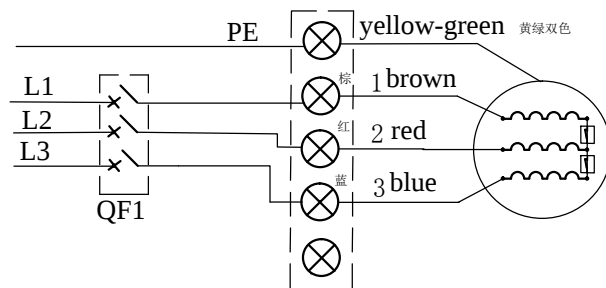
Test data at free :

connection	UAC (V) $\pm 5\%$	F (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noise dB(A)
	3~380	50	560	1.24	1400	74

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	deliver before		
	After the estimation		
drawing			Product Specification
audit			
approval			

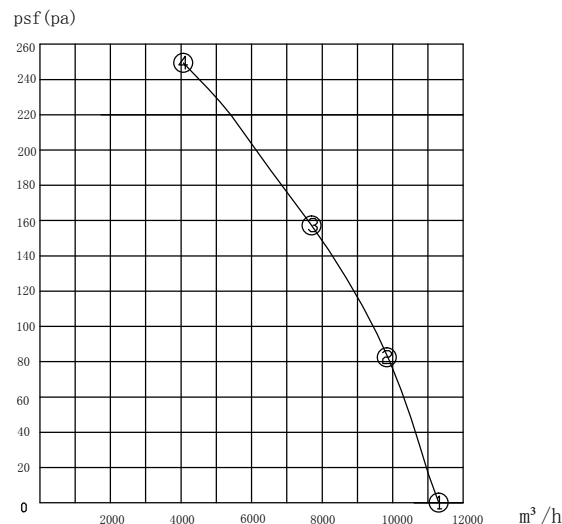


Wiring diagram:



Technical specification:

- 1.All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- 2.Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- 3.The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V•S, and the insulation resistance is not less than 100MΩ at room temperature.
- 4.Motor insulation class, F CLASS.
- 5.Motor protection level, IP54, fan protection level, IP2X.
- 6.The fan balance level is:1400±10%r/min high than G6.3,vibration value is less than 5.4mm/s.
7. MAER box.
8. 7. Built-in heat protector.



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	1.48	705	1414	11304	
②	83	1.63	834	1395	9891	
③	155	1.75	937	1378	7804	MAX EFF.
④	249	1.98	1120	1346	4069	IMAX

MARK

**MAER** **AXIAL FAN MOTOR**
MOTORS & FANS

MODEL : YSWF102L70P4-753N-630 BLOWING
4D-630-B
VOLTAGE : 380V/50HZ
N. W/G. W. 16. 3/18. 9KG
MEAS: 67. 5X67. 5X24 CM
CL. F WITH TERMINAL BOX



20180716X

Nameplate:



YSWF102L70P4-753N-630 B 3~380V/50Hz
937W 1.75A 1378r/min @ 155Pa
ηsf=35.84% N=42.2 CL. F IP54 2018/07



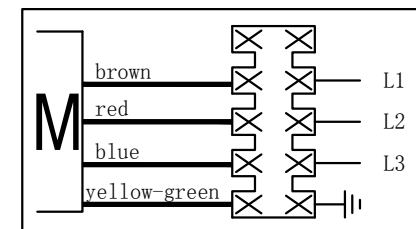


Product model	YSWF102L70P4-753N-630 B
product type	External rotor axial flow fan
customer	
Product number	MAER-150301D
certification	CE,CCC

Condition of use:

- 1) voltage and frequency: 3 ~ 380 V± 5 %, 50 Hz.
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.75 mm².
- 3) Installation position: vertical or upward.
- 4) ambient temperature: -10~70°C.

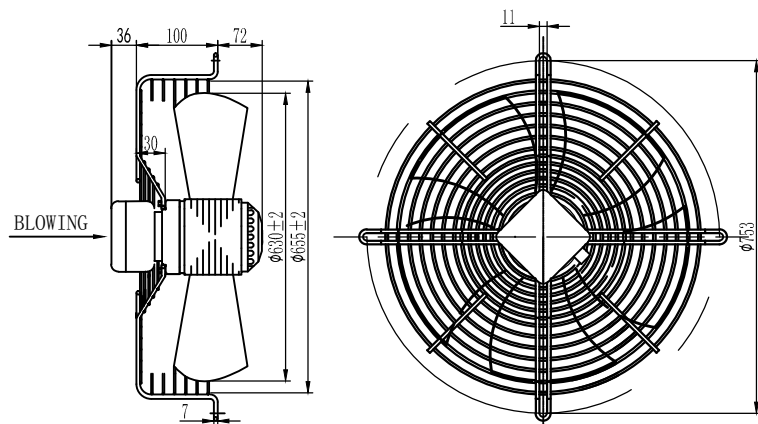
The external wiring diagram:



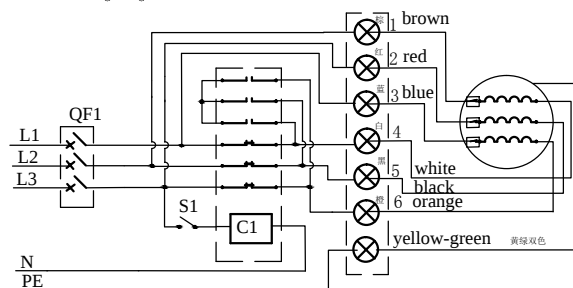
Test data at free :

connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	3~380	50	770	1.65	1400	77

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	deliver before		
	after the confirmation		
drawing			Product Specification
audit			
approval			



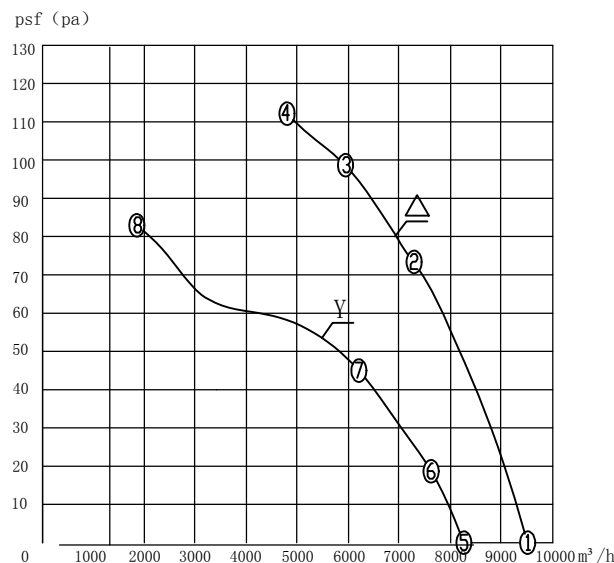
Wiring diagram:



QF1 - run control air switch, QF1 switched on, the fan running. C1 - Y/Δ operation control contactor, S1 disconnect, Δ connection; S1 connected, Y connection.

Technical specification:

- All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V.S, and the insulation resistance is not less than 100MΩ at room temperature.
- Motor insulation class, F CLASS.
- Motor protection level, IP54, fan protection level, IP2X.
- The fan balance level is: 930±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
- MAER box.
- Built-in heat protector.



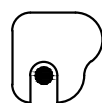
PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	psf	I	P1	n	Q	Note
Δ	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	1.16	373	947	9510	
②	72	1.22	459	931	7362	
③	97	1.22	485	925	6047	MAX EFF.
④	112	1.25	509	920	4777	IMAX
Y						
⑤	0	0.83	277	823	8260	
⑥	18	0.87	297	804	7640	
⑦	45	0.94	326	775	6206	MAX EFF.
⑧	83	1.13	397	693	1863	IMAX

Test data at free :

connection	UAC (V)±5%	F (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
Δ	3~380	50	500	1.25	930	75
Y	3~380	50	277	0.85	812	72



YSWF102L70P6-753N-630 B 3~380V/50Hz

Δ : 485W 1.22A 925r/min @ 97Pa

Y : 326W 0.94A 775r/min @ 45Pa

ηsf=33.7 N=41.9 CL.F IP54 2018/07



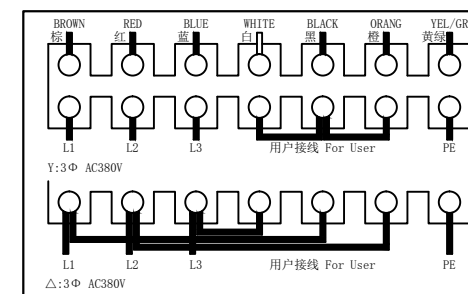
MAER

Product model	YSWF102L70P6-753N-630 B
product type	External rotor axial flow fan
customer	
Product number	MAER-1606280
certification	CCC、CE

Condition of use:

- voltage and frequency: Δ/Y, 3 ~ 380 V ± 5 %, 50 Hz 。
- qualification requirements: Terminal block, the recommended standard of lead wire is not less than 1 mm².
- Installation position: vertical or upward.
- ambient temperature: -40~60°C。

The external wiring diagram:



MARK



MAER AXIAL FAN MOTOR
MOTORS & FANS

MODEL: YSWF102L70P6-753N-630 BLOWING

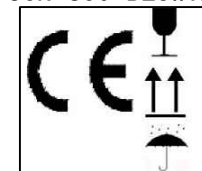
6D-630-B

VOLTAGE : 380V/50HZ

N. W/G. W. 16. 3/18. 9KG

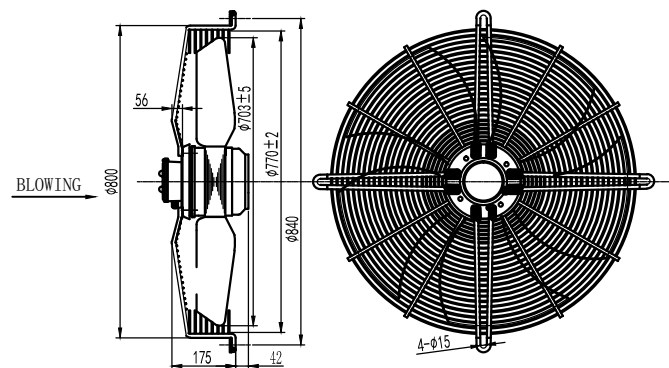
MEAS: 67. 5X67. 5X24CM

CL. F WITH TERMINAL BOX

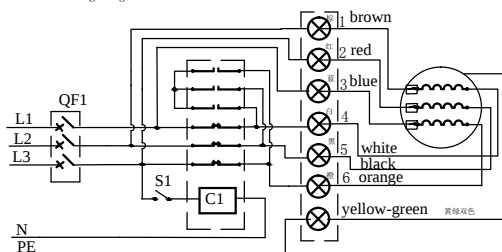


20180718X

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	before		
state	after the confirmation		
drawing			Product Specification
audit			
approval			



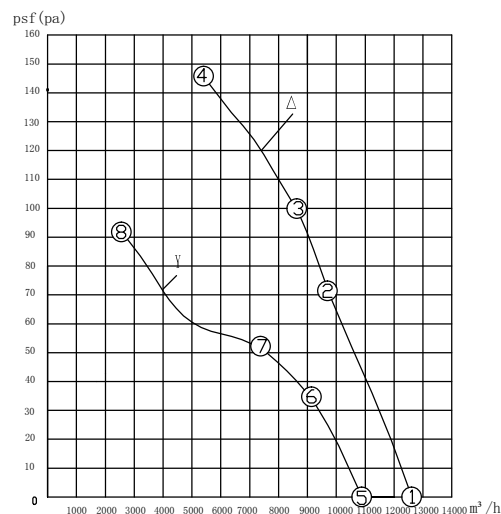
Wiring diagram:



QF1 - run control air switch, QF1 switched on, the fan running. C1 - Y/Δ operation control contactor, S1 disconnect, Δ connection; S1 connected, Y connection.

Technical specification:

- All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V.S, and the insulation resistance is not less than 100MΩ at room temperature.
- Motor insulation class, F CLASS.
- Motor protection level, IP54, fan protection level, IP2X.
- The fan balance level is: $925 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.
- MAER box.
- Built-in heat protector.



PS: Fan working performance tested with 4mm wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

Δ	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	1.83	573	949	12613	
②	71	1.87	678	935	9735	
③	99	1.89	714	930	8726	MAX EFF.
④	145	1.95	805	918	5404	IMAX
Y						
⑤	0	1.01	569	765	10888	
⑥	34	1.06	607	738	9105	
⑦	52	1.08	618	728	7299	MAX EFF.
⑧	92	1.22	708	645	2559	IMAX

Test data at free :

connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
Δ	3~380	50	810	1.90	925	73
Y	3~380	50	628	1.10	801	70

Nameplate:

	YSWF127L50P6-840N-710 B Δ : 714W 1.89A 930r/min @ 99Pa Y : 618W 1.08A 728r/min @ 52Pa η sf=33.68% N=40.8 CL.F IP54 2018/07	
---	--	---

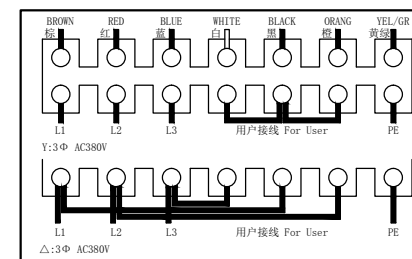


Product model	YSWF127L50P6-840N-710 B
product type	External rotor axial flow fan
customer	
Product number	MAER-1606280
certification	CCC、CE

Condition of use:

- voltage and frequency: $\Delta/Y, 3 \sim 380 V \pm 5 \%, 50 \text{ Hz}$.
- qualification requirements: Terminal block, the recommended standard of lead wire is not less than 1mm².
- Installation position: vertical or upward.
- ambient temperature: $-40 \sim 60^{\circ}\text{C}$.

The external wiring diagram:

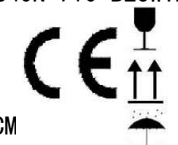


MARK



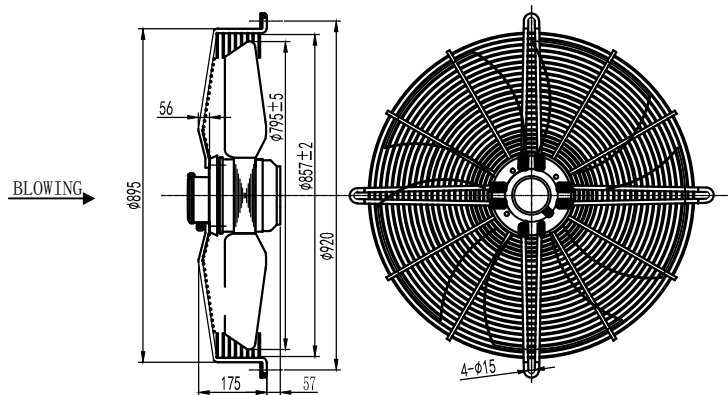
MAER AXIAL FAN MOTOR
MOTORS & FANS

MODEL : YSWF127L50P6-840N-710 BLOWING
6D-710-B
VOLTAGE : 380V/50HZ
N. W/G. W. 21. 8/25. 3KG
MEAS: 49. 5X79. 5X28. 5CM
CL. F WITH TERMINAL BOX

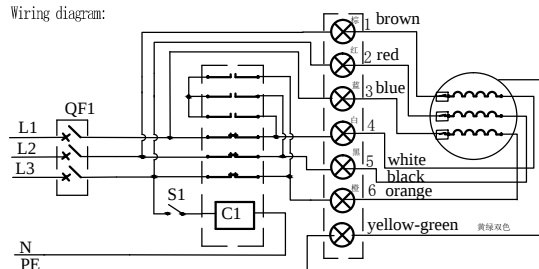


20180718X

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
signature			
drawing			Product Specification
audit			
approval			



Wiring diagram:

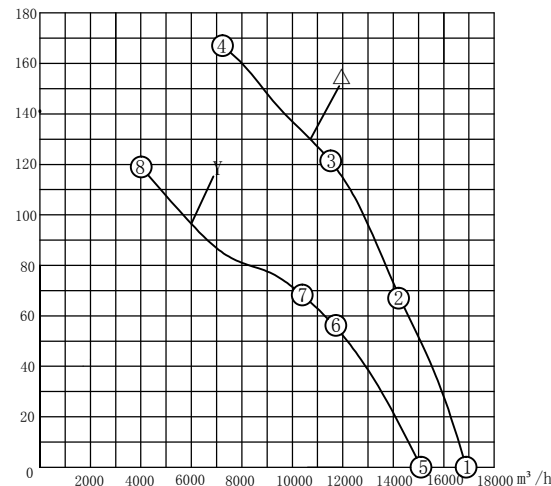


QF1 - run control air switch, QF1 switched on, the fan running. C1 - Y/Δ operation control contactor, S1 disconnect, Δ connection; S1 connected, Y connection.

Technical specification:

- All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V.S, and the insulation resistance is not less than 100MΩ at room temperature.
- Motor insulation class, F CLASS.
- Motor protection level, IP54, fan protection level, IP2X.
- The fan balance level is: $920 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.
- External heat protector.

psf (pa)



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

Δ	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	2.19	874	932	16895	
②	66	2.36	1031	917	14301	
③	124	2.44	1126	906	11371	MAX EFF.
④	167	2.54	1218	895	7236	IMAX
Y						
⑤	0	1.21	679	800	15107	
⑥	56	1.40	797	745	11631	
⑦	69	1.44	822	731	10318	MAX EFF.
⑧	119	1.61	927	669	4019	IMAX

Test data at free :

connection	UAC (V)±5%	F (Hz)	P1 (W) ±10%	I (A)±10%	n (r/min) ±10%	Noise dB(A)
Δ	3~380	50	1100	2.40	920	77
Y	3~380	50	850	1.45	750	75

Nameplate:

YSWF127L65P6-920N-800 B 3~380V/50Hz

Δ : 1126W 2.44A 906r/min @ 124pa

Y : 822W 1.44A 731r/min @ 69pa

η=34.79% N=40.6 CL.F IP54 2018/07



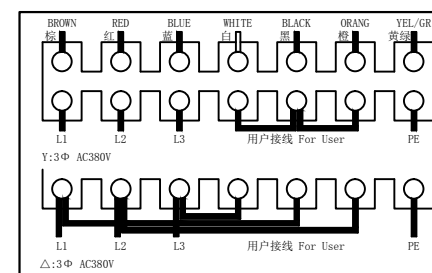
MAER

Product model	YSWF127L65P6-920N-800 B
product type	External rotor axial flow fan
customer	
Product number	MAER-1610190
certification	CE, CCC

Condition of use:

- voltage and frequency: $\sqrt{3} \sim 380 \text{ V} \pm 5\% \text{ } 50 \text{ Hz}$.
- Lead cable: Terminal block, the recommended standard of lead wire is not less than 1 mm^2 .
- Installation position: vertical or upward.
- ambient temperature: $-40 \sim 60^\circ \text{C}$.

The external wiring diagram:



MAER AXIAL FAN MOTOR

MOTORS & FANS

MODEL : YSWF127L65P6-920N-800 BLOWING

6D-800-B

VOLTAGE : 380V/50HZ

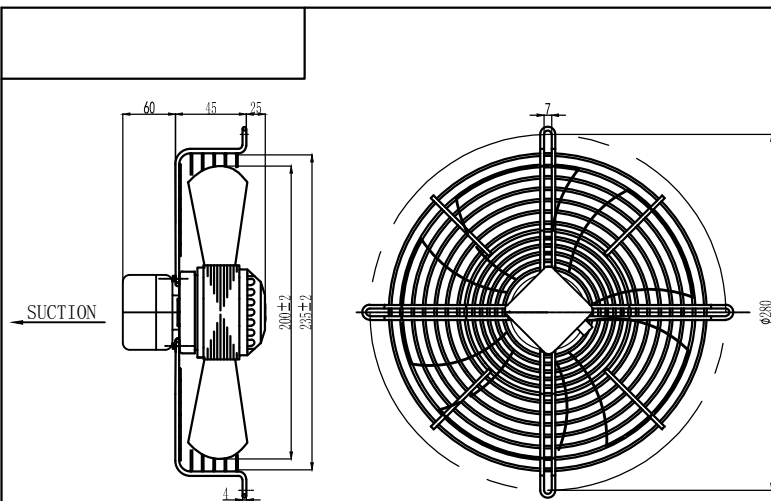
N. W/G. W. 21. 8/25. 3KG

MEAS: 31X32 CM

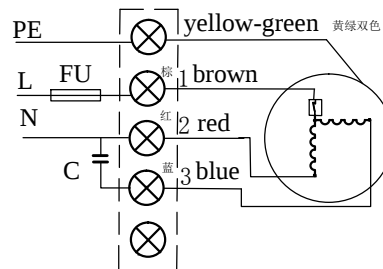
CL. F WITH TERMINAL BOX

20180716X

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
before the contract			
after the contract			
drawing			Product Specification
audit			
approval			

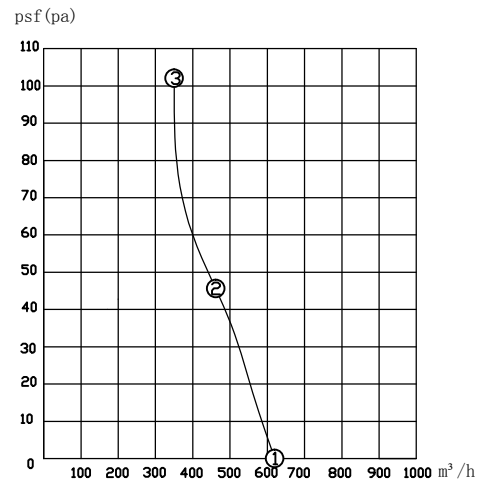


Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500V•min, and the insulation resistance is not less than 100M at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP44, fan protection level, IP2X.
6. The fan balance level is: $2618 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.
7. MAER box.

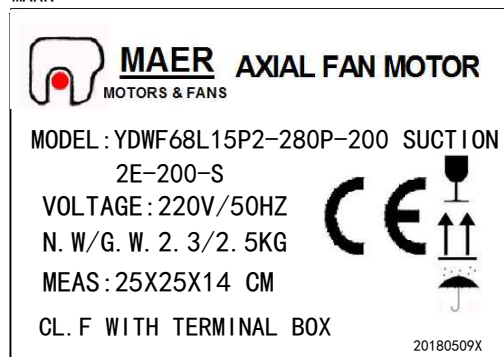


PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

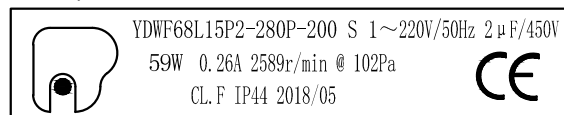
Performance parameters at key point:

	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.24	55	2679	619	
②	46	0.25	58	2618	462	
③	102	0.26	59	2589	352	MAX EFF

MARK



Nameplate:

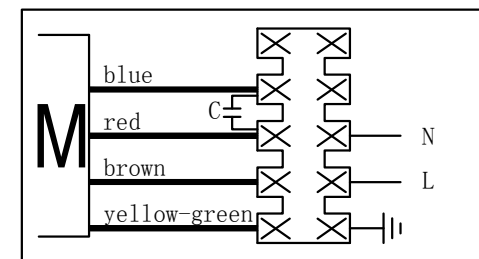


	Product model	YDWF67L15P2-280P-200 S
	product type	External rotor axial flow fan
	customer	乌克兰 (Ukraine)
	Product number	MAER-1708041
	certification	CE, CCC

Condition of use:

- 1) voltage and frequency: $1 \sim 220V \pm 5\%$, $50Hz$.
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm^2 .
- 3) Installation position: vertical or upward.
- 4) ambient temperature: $-10 \sim 80^\circ\text{C}$.

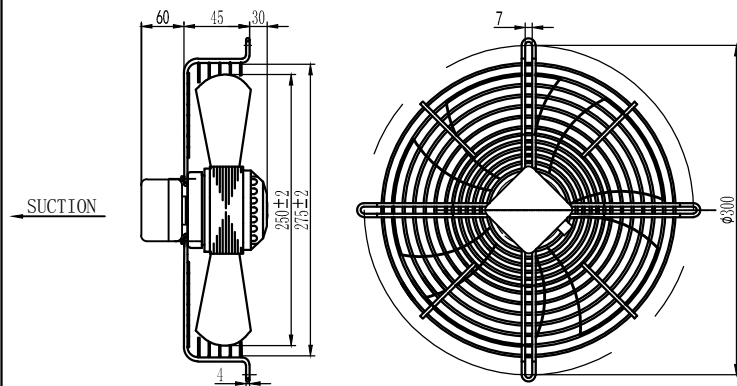
The external wiring diagram:



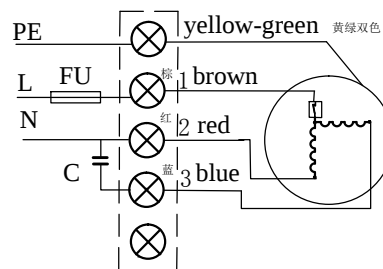
Test data at free :

connection	UAC (V) $\pm 5\%$	f (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noise dB(A)
	1~220	50	58	0.25	2618	66

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
	deliver before		Product Specification
	state		
	After the out of action		
	drawing		
audit			
approval			



Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500V•min, and the insulation resistance is not less than 100M at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP44, fan protection level, IP2X.
6. The fan balance level is: 2632 ± 10 r/min high than G6.3, vibration value is less than 5.4mm/s.
7. MAER box.

MARK

**MAER** AXIAL FAN MOTOR
MOTORS & FANS

MODEL : YDWF68L25P2-300P-250 SUCTION
2E-250-S
VOLTAGE: 220V/50HZ
N. W/G. W. 2. 3/2. 7KG
MEAS: 28X28X15 CM
CL. F WITH TERMINAL BOX



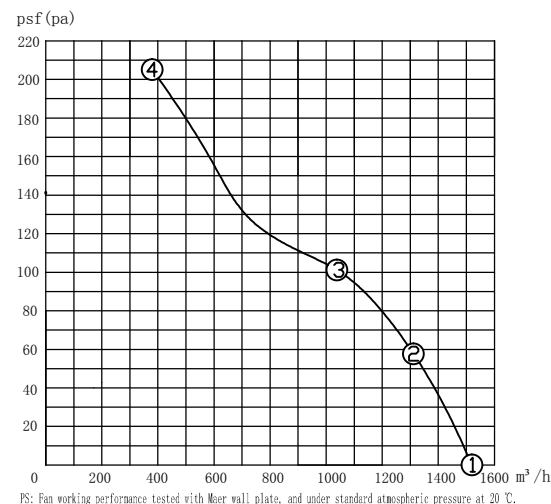
20180509X

Nameplate:



YDWF68L25P2-300P-250 S 1~220V/50HZ 3 μ F/450V
114W 0.50A 2579r/min @ 101Pa
CL. F IP44 2018/07





Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	0.43	97	2706	1524	
②	58	0.47	107	2632	1308	
③	101	0.50	114	2579	1041	MAX EFF.
④	205	0.59	136	2364	384	I MAX .



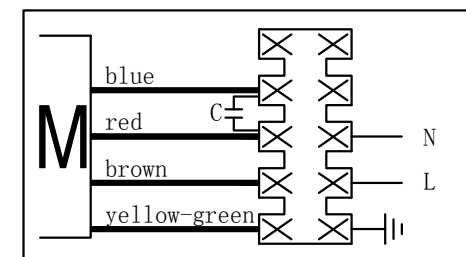
MAER

Product model	YDWF67L25P2-300P-250 S
product type	External rotor axial flow fan
customer	乌克兰 (Ukraine)
Product number	MAER-1708041
certification	CE, CCC

Condition of use:

- 1) voltage and frequency: 1 ~ 220 V $\pm$ 5 %, 50 Hz.
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm².
- 3) Installation position: vertical or upward.
- 4) ambient temperature: -40 ~ 75 °C.

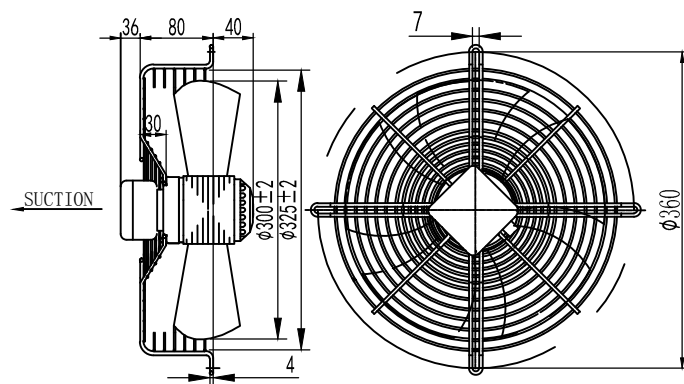
The external wiring diagram:



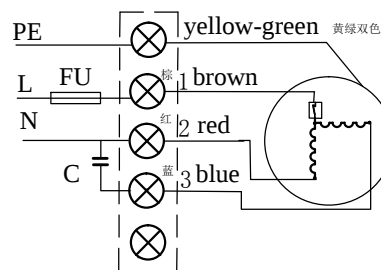
Test data at free :

connection	UAC (V) $\pm$ 5%	f (Hz)	P1 (W) $\pm$ 10%	I (A) $\pm$ 10%	n (r/min) $\pm$ 10%	Noise dB(A)
	1~220	50	107	0.47	2632	68

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	deliver before		
	after the outflow		
drawing			Product Specification
audit			
approval			

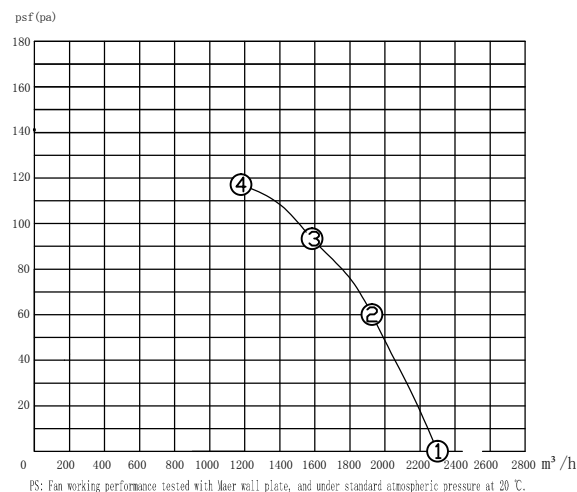


Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500V•min, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP44, fan protection level, IP2X.
6. The fan balance level is: 2700±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
7. MAER box.



Performance parameters at key point:

	psf	I	PI	n	Q	Note
50HZ	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.60	138	2721	2299	
②	50	0.67	154	2658	1991	
③	92	0.73	168	2592	1597	MAX EFF.
④	117	0.76	176	2539	1183	IMAX

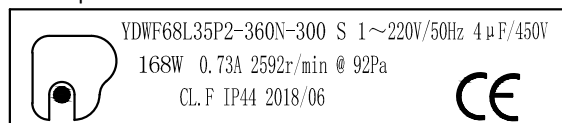
MARK



MAER AXIAL FAN MOTOR
MOTORS & FANS

MODEL : YDWF67L35P2-360N-300 SUCTION
2E-300-S
VOLTAGE : 220V/50HZ
N. W/G. W. 3. 3/3. 9KG
MEAS: 35X35X16 CM
CL. F WITH TERMINAL BOX
20180509X

Nameplate:



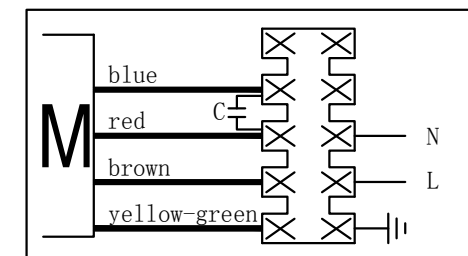
MAER

Product model	YDWF67L35P2-360N-300 S
product type	External rotor axial flow fan
customer	
Product number	MAER-1704272
certification	CE, CCC

Condition of use:

- 1) voltage and frequency: 1 ~ 220 V±5 %, 50 Hz.
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm².
- 3) Installation position: vertical or upward.
- 4) ambient temperature: -10 ~ 70 °C.

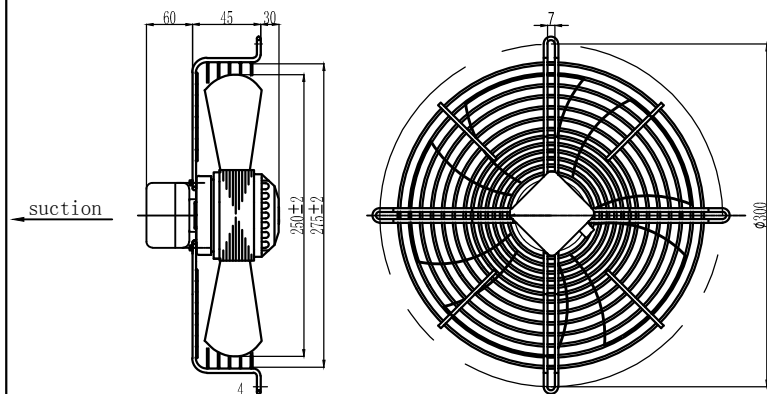
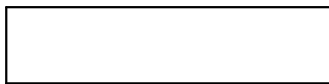
The external wiring diagram:



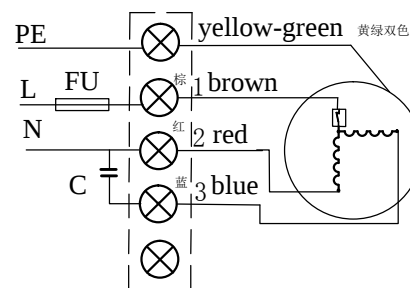
Test data at free :

connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A)±10%	n (r/min) ±10%	Noise dB(A)
	1~220	50	154	0.62	2700	70

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO. , LTD.
State	Deliver before		Product Specification
	After the contract		
	drawing		
	audit		
approval			

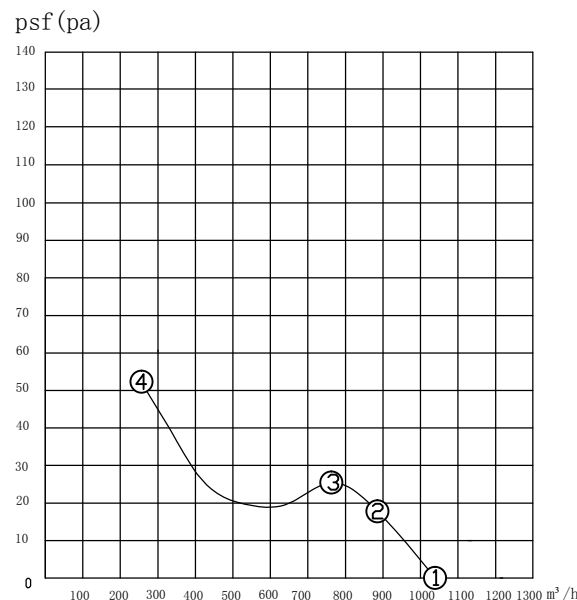


Wiring diagram:



Technical specification:

- 1.All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- 2.Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- 3.The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V.S, and the insulation resistance is not less than 100MΩ at room temperature.
- 4.Motor insulation class, F CLASS.
- 5.Motor protection level, IP44, fan protection level, IP2X.
- 6.The fan balance level is:1400±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
- 7.MAER box, box with foam .



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

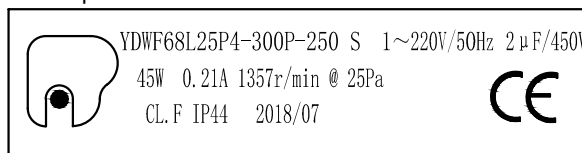
Performance parameters at key point:

	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.20	44	1357	1039	
②	18	0.20	45	1357	885	
③	25	0.21	45	1357	762	MAX EFF.
④	51	0.22	48	1354	262	IMAX

Test data at free :

connection	UAC	F	P1	I	n	Noise
	(V)±5%	(Hz)	(W) ±10%	(A)±10%	(r/min) ±10%	dB(A)
	1~220	50	43	0.22	1400	54

Nameplate:

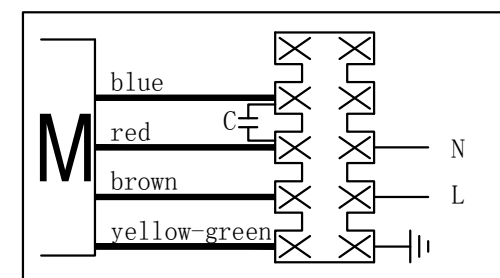


Product model	YDWF68L25P4-300P-250 S
product type	External rotor axial flow fan
customer	
Product number	MAER-1804271
certification	CCC、CE

Condition of use:

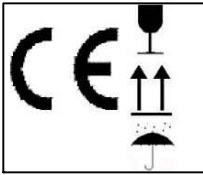
- 1) voltage and frequency: $1 \sim 220 \text{ V} \pm 5\%$, 50 Hz .
- 2) Lead cable:Terminal block, the recommended standard of lead wire is not less than 0.5 mm^2 .
- 3) Installation position: vertical or upward.
- 4) ambient temperature: $-40 \sim 80^\circ\text{C}$.

The external wiring diagram:

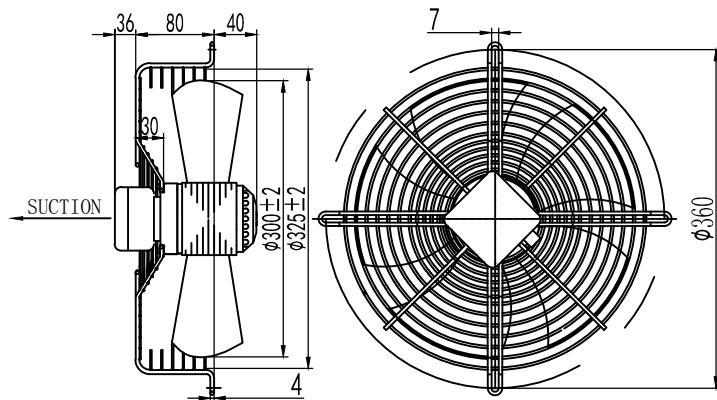


**MAER** AXIAL FAN MOTOR
MOTORS & FANS

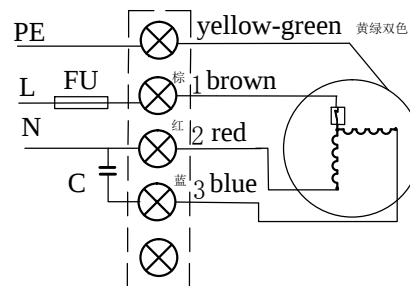
MODEL : YDWF68L25P4-300P-250 SUCTION
4E-250-S
VOLTAGE : 220V/50HZ
N. W/G. W. 2. 3/2. 7KG
MEAS: 28X28X15 CM
CL. F WITH TERMINAL BOX


20180716X

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO. , LTD.
deliver before			Product Specification
state			
drawing			
audit			
approval			



Wiring diagram:



Technical specification:

- All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500V•min, and the insulation resistance is not less than 100MΩ at room temperature.
- Motor insulation class, F CLASS.
- Motor protection level, IP44, fan protection level, IP2X.
- The fan balance level is: 1380±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
- MAER box.



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
50HZ						
①	0	0.39	84	1370	1757	
②	23	0.40	86	1362	1521	
③	35	0.41	89	1354	1275	MAX EFF.
④	75	0.48	105	1267	615	IMAX

MARK



MAER AXIAL FAN MOTOR
MOTORS & FANS

MODEL : YDWF68L35P4-360N-300 SUCTION

4E-300-S

VOLTAGE : 220V/50HZ

N. W/G. W. 3. 3/3. 9KG

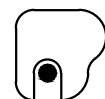
MEAS : 35X35X16 CM

CL. F WITH TERMINAL BOX



20180509X

Nameplate:



YDWF68L35P4-360N-300 S 1~220V/50Hz 3μF/450V

89W 0.41A 1354r/min @ 35Pa

CL.F IP44 2018/05



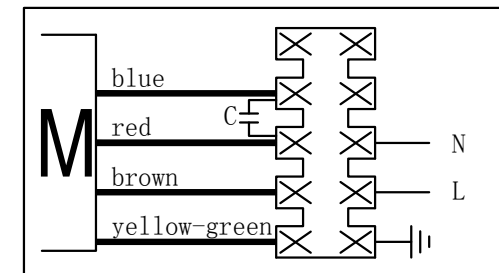
MAER

Product model	YDWF68L35P4-360N-300 S
product type	External rotor axial flow fan
customer	
Product number	MAER-1704272
certification	CE, CCC

Condition of use:

- voltage and frequency: 1 ~ 220 V±5 %, 50 Hz.
- Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm².
- Installation position: vertical or upward.
- ambient temperature: -10 ~ 75 °C.

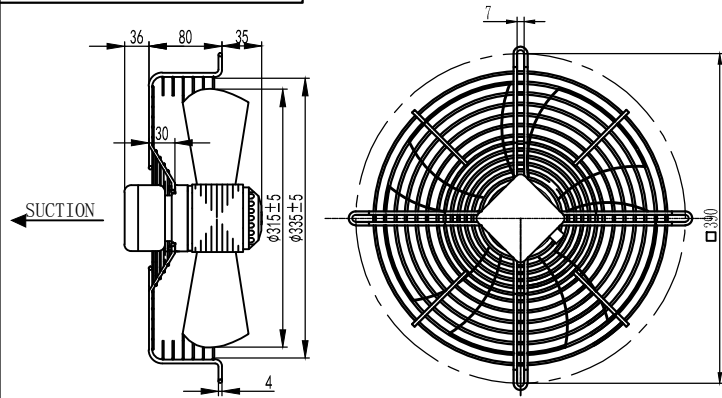
The external wiring diagram:



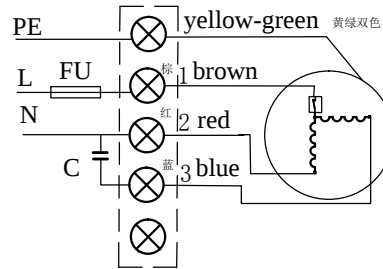
Test data at free :

connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	1~220	50	85	0.42	1380	59

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	deliver before		
	after the confirmation		
drawing			Product Specification
audit			
approval			

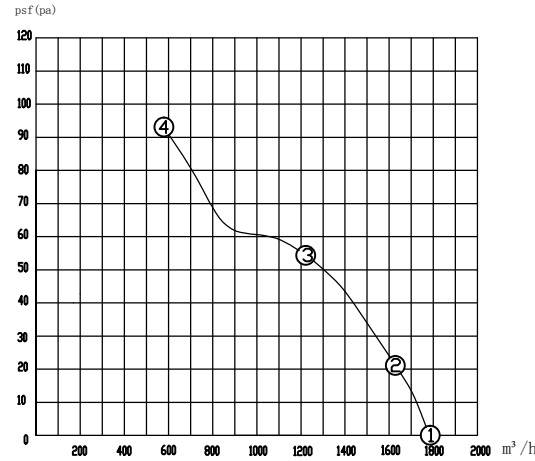


Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500V•min, and the insulation resistance is not less than 100M Ω at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP44, fan protection level, IP2X.
6. The fan balance level is: 1360 $\pm$ 10r/min high than G6.3, vibration value is less than 5.4mm/s.
7. MAER box.

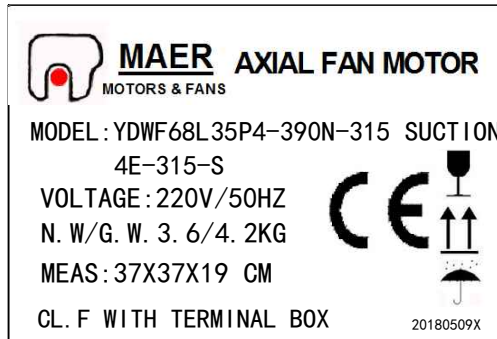


PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

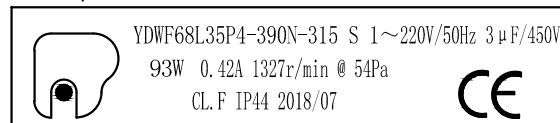
Performance parameters at key point:

	psf	I	P1	n	Q	Note
50HZ	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.38	82	1377	1792	
②	22	0.39	86	1360	1618	
③	54	0.42	93	1327	1227	MAX EFF.
④	93	0.47	104	1253	576	IMAX

MARK



Nameplate:

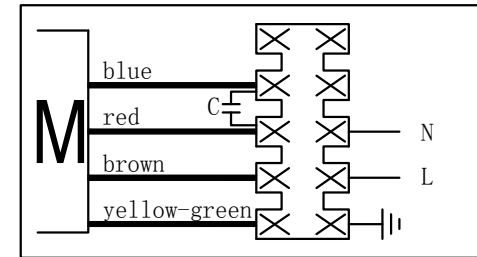


Product model	YDWF68L35P4-390N-315 S
product type	External rotor axial flow fan
customer	
Product number	MAER-1704272
certification	CE, CCC

Condition of use:

- 1) voltage and frequency: 1 ~ 220 V $\pm$ 5 %, 50 Hz.
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm².
- 3) Installation position: vertical or upward.
- 4) ambient temperature: -40 ~ 75 °C.

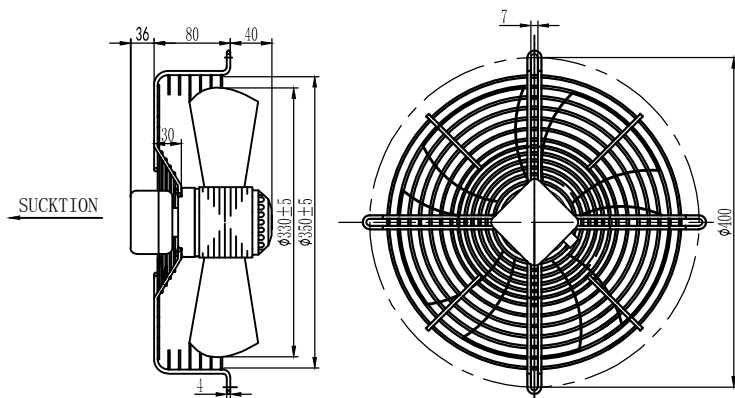
The external wiring diagram:



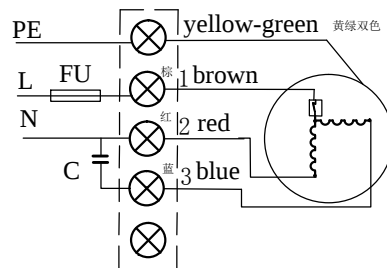
Test data at free :

connection	UAC (V) $\pm$ 5%	f (Hz)	P1 (W) $\pm$ 10%	I (A) $\pm$ 10%	n (r/min) $\pm$ 10%	Noise dB(A)
	1~220	50	86	0.39	1360	60

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
status	deliver before		
	after the out of action		
drawing			Product Specification
audit			
approval			

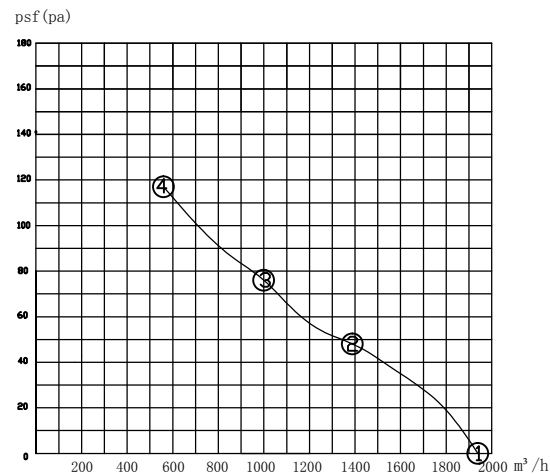


Wiring diagram:



Technical specification:

- 1.All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- 2.Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- 3.The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500Vmin, and the insulation resistance is not less than 100MΩ at room temperature.
- 4.Motor insulation class, F CLASS.
- 5.Motor protection level, IP54, fan protection level, IP2X.
- 6.The fan balance level is: 1368±10%r/min high than G6.3,vibration value is less than 5.4mm/s.



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	0.56	106	1401	1942	
②	48	0.60	119	1368	1390	
③	76	0.63	128	1342	1001	MAX EFF.
④	117	0.68	141	1305	562	IMAX

MARK



MAER AXIAL FAN MOTOR
MOTORS & FANS

MODEL : YDWF68L40P4-400N-330 SUCTION

4E-330-S

VOLTAGE : 220V/50HZ

N. W/G. W. 3. 6/4. 2KG

MEAS: 37X37X19CM

CL. F WITH TERMINAL BOX

20180509X



YDWF68L40P4-400N-330 S 1~220V/50Hz 4 μF/450V
128W 0.63A 1342r/min @ 76Pa
CL. F IP54 2018/07



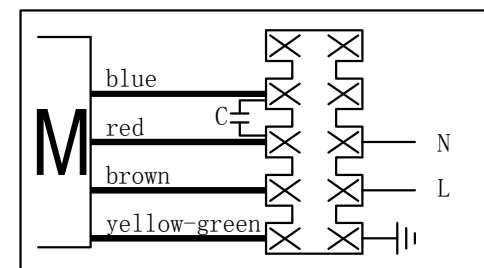
MAER

Product model	YDWF68L40P4-400N-330 S
product type	External rotor axial flow fan
customer	
Product number	MAER-1803090
certification	CE、CCC

Condition of use:

- 1) voltage and frequency: 1 ~ 220 V ±5 % 50 Hz .
- 2) Lead cable: Terminal block, the recommended standard of lead wire is not less than 0.5 mm².
- 3) Installation position: vertical or upward.
- 4) ambient temperature: -40~75 °C.

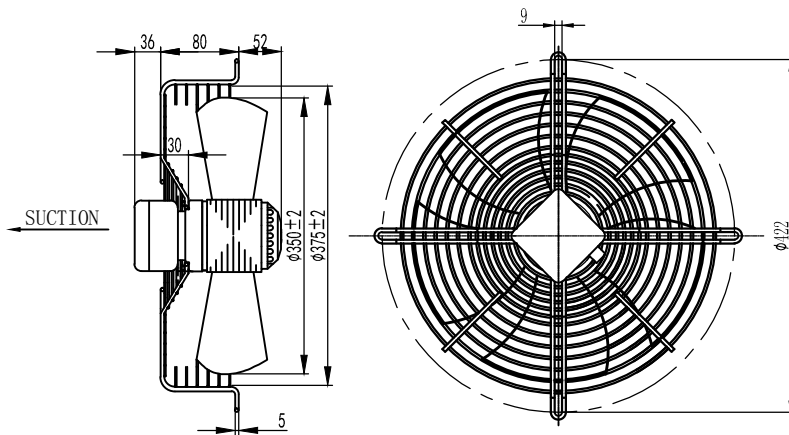
The external wiring diagram:



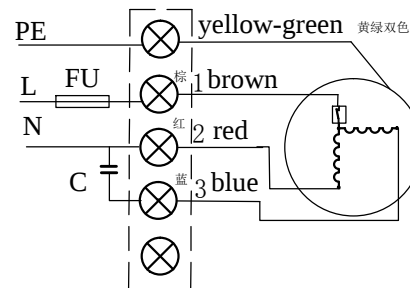
Test data at free :

connection	UAC (V)±5%	F (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	1~220	50	120	0.60	1368	60

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state			
drawing			
audit			
approval			

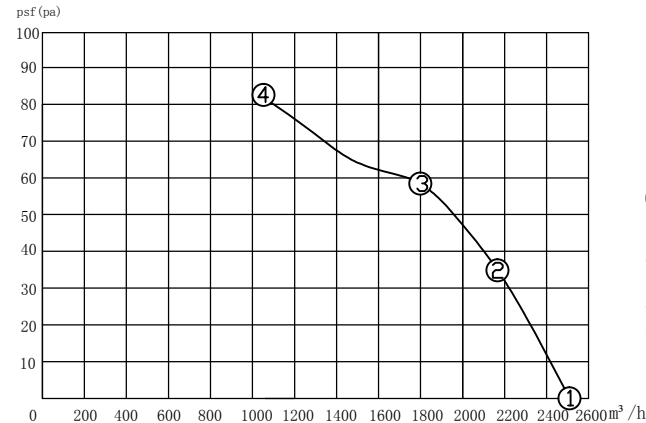


Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500V*min, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP54, fan protection level, IP2X.
6. The fan balance level is: 1380±10%r/min high than G6.3, vibration value is less than 5.4mm/s.



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	0.57	125	1407	2512	
②	34	0.60	133	1392	2183	
③	58	0.65	143	1371	1803	MAX EFF.
④	80	0.81	180	1266	1098	IMAX

MARK



MODEL : YDWF74L34P4-422N-350 SUCTION
4E-350-S

VOLTAGE : 220V/50HZ

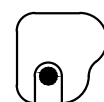
N. W/G. W. 5. 1/5. 9KG

MEAS: 40X40X20 CM

CL. F WITH TERMINAL BOX

20180509X

Nameplate:



YDWF74L34P4-422N-350 S 1~220V/50Hz 4 μF/450V
143W 0.65A 1371r/min @ 58Pa
CL. F IP54 2018/05



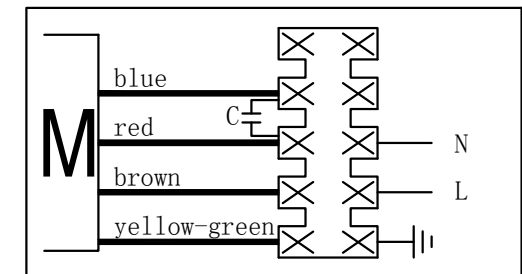
MAER

Product model	YDWF74L34P4-422N-350 S
product type	External rotor axial flow fan
customer	
Product number	MAER-1503053
certification	CE, CCC

Condition of use:

- 1) voltage and frequency: 1 ~ 220 V± 5 %, 50 Hz.
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm².
- 3) Installation position: vertical or upward.
- 4) ambient temperature: -40 ~ 75 °C.

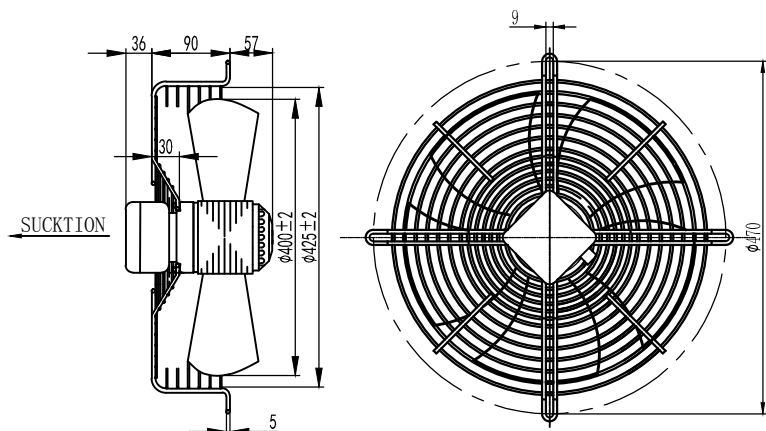
The external wiring diagram:



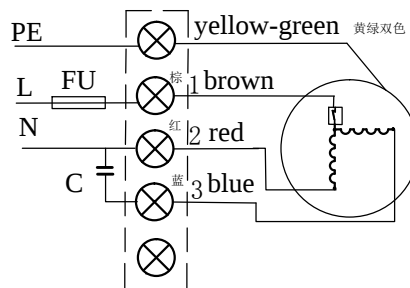
Test data at free :

connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	1~220	50	145	0.63	1380	63

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	deliver before		
	after the confirmation		
drawing			Product Specification
audit			
approval			



Wiring diagram:



Technical specification:

- All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500V•min, and the insulation resistance is not less than 100MΩ at room temperature.
- Motor insulation class, F CLASS.
- Motor protection level, IP54, fan protection level, IP2X.
- The fan balance level is: 1400±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
- MAER box.

MARK

**MAER**
MOTORS & FANS

AXIAL FAN MOTOR

MODEL : YDWF74L47P4-470N-400 SUCTION
4E-400-S

VOLTAGE : 220V/50HZ

N. W/G. W. 6/7. 1KG

MEAS : 44X44X20 CM

CL. F WITH TERMINAL BOX



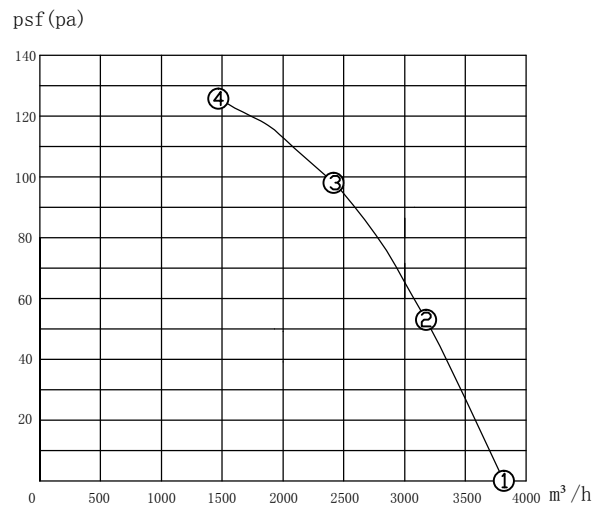
20180509X

Nameplate:



YDWF74L47P4-470N-400 S 1~220V/50Hz 6μF/450V
219W 1.00A 1352r/min @ 99Pa
ηsf=30.34% N=40.8 CL.F IP54 2018/05





Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	0.77	167	1413	3727	
②	53	0.87	191	1386	3207	
③	99	1.00	219	1352	2417	MAX EFF.
④	123	1.05	231	1333	1590	IMAX

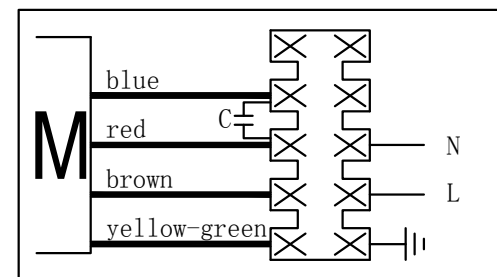


Product model	YDWF74L47P4-470N-400 S
product type	External rotor axial flow fan
customer	
Product number	MAER-150301D
certification	CE, CCC

Condition of use:

- voltage and frequency: 1 ~ 220 V± 5 %, 50 Hz.
- Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm².
- Installation position: vertical or upward.
- ambient temperature: -40 ~ 75℃.

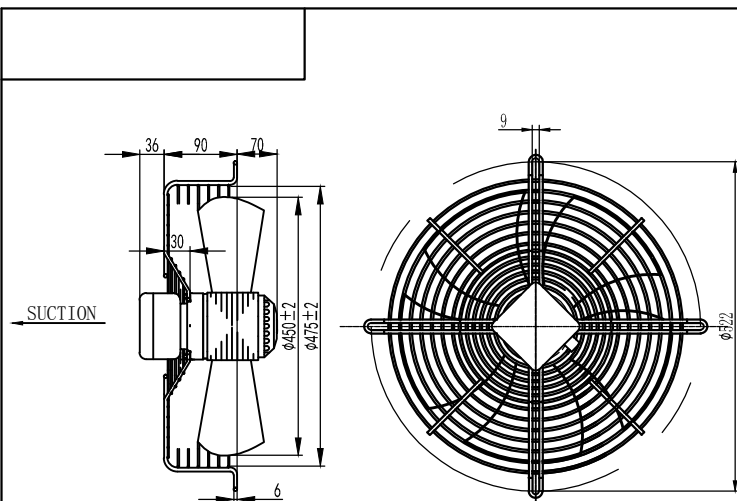
The external wiring diagram:



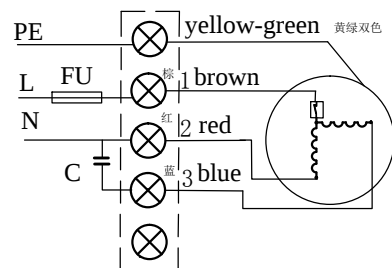
Test data at free :

connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A)±10%	n (r/min) ±10%	Noise dB(A)
	1~220	50	185	0.85	1400	67

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
deliver before			
state			
After the confirmation			
drawing			Product Specification
audit			
approval			

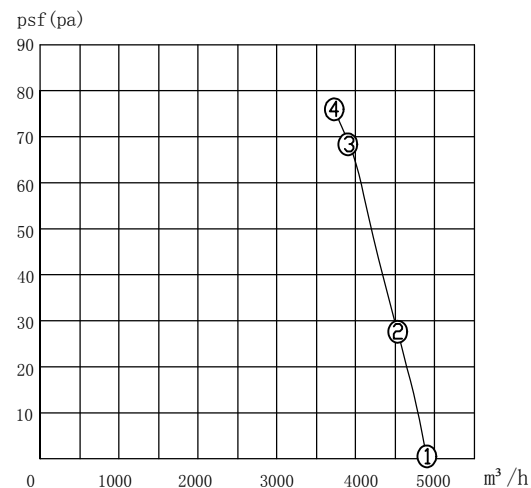


Wiring diagram:



Technical specification:

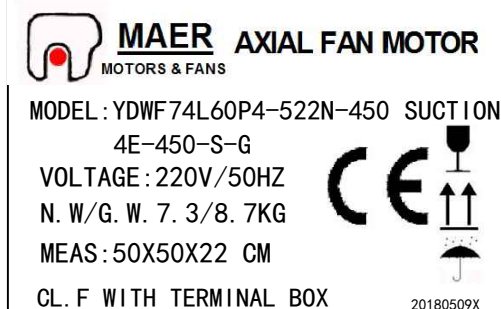
1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500V•min, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP45, fan protection level, IP2X.
6. The fan balance level is: 1380±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
7. MAER box.



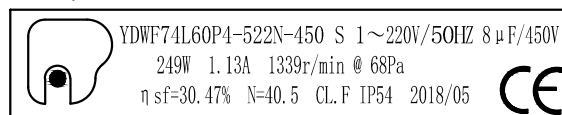
Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	0.93	204	1394	4900	
②	27	1.01	222	1374	4534	
③	68	1.13	249	1339	3993	MAX EFF.
④	74	1.17	257	1324	3719	IMAX

MARK



Nameplate:

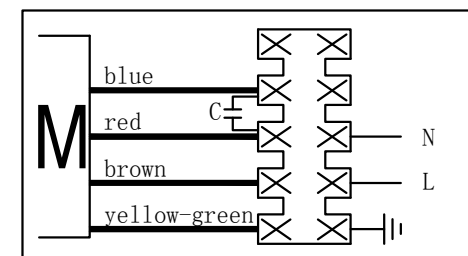


	Product model	YDWF74L60P4-522N-450 S
	product type	External rotor axial flow fan
	customer	
	Product number	MAER-1803210
	certification	CE, CCC

Condition of use:

- 1) voltage and frequency: 1 ~ 220 V±5 %, 50 Hz.
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm².
- 3) Installation position: vertical or upward.
- 4) ambient temperature: -40 ~ 80 °C.

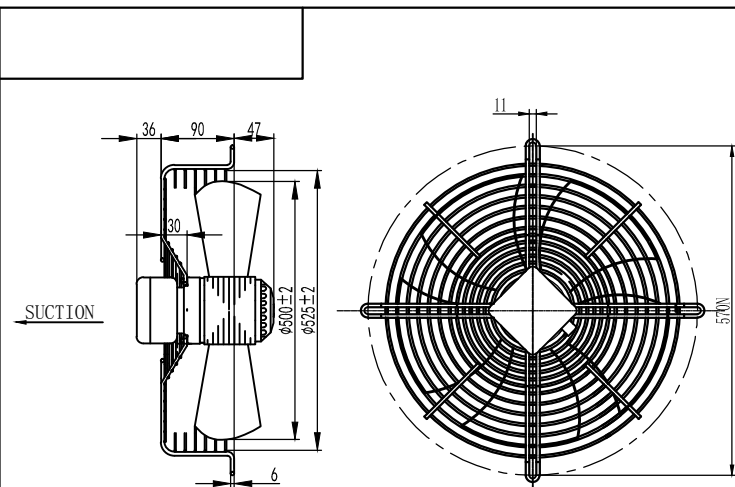
The external wiring diagram:



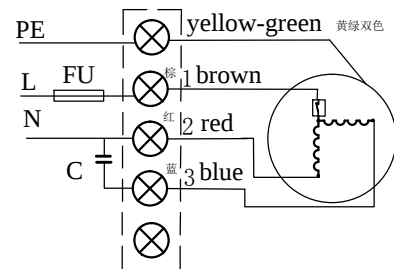
Test data at free :

connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	1~220	50	230	1.14	1380	67

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO. , LTD.
state	Deliver before		Product Specification
	After the contract		
	drawing		
	audit		
approval			



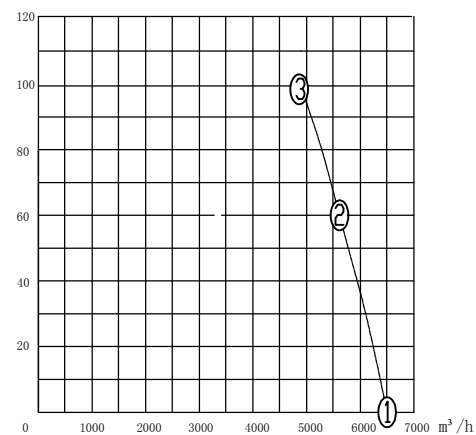
Wiring diagram:



Technical specification:

- 1.All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- 2.Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- 3.The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500V•min, and the insulation resistance is not less than 100MΩ at room temperature.
- 4.Motor insulation class, F CLASS.
- 5.Motor protection level, IP45, fan protection level, IP2X.
- 6.The fan balance level is:1380±10%r/min high than G6.3,vibration value is less than 5.4mm/s.
- 7.MAER box.

psf (pa)



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 ℃.

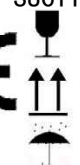
Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	1.56	342	1380	6542	
②	60	1.79	394	1345	5609	
③	98	1.92	424	1323	4923	MAX EFF.

MARK

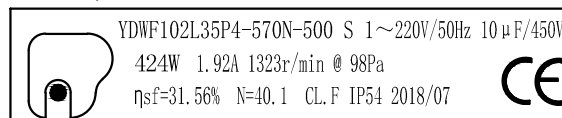


MODEL: YDWF102L35P4-570N-500 SUCTION
4E-500-S
VOLTAGE: 220V/50HZ
N. W/G. W. 9. 3/10. 8KG
MEAS: 55X55X21CM
CL. F WITH TERMINAL BOX



20180509X

Nameplate:



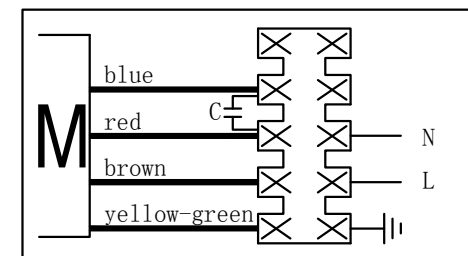
MAER

Product model	YDWF102L35P4-570N-500 S
product type	External rotor axial flow fan
customer	
Product number	MAER-1803210
certification	CE, CCC

Condition of use:

- 1) voltage and frequency: 1 ~ 220 V±5 %, 50 Hz.
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.75 mm².
- 3) Installation position: vertical or upward.
- 4) ambient temperature: -40~80℃.

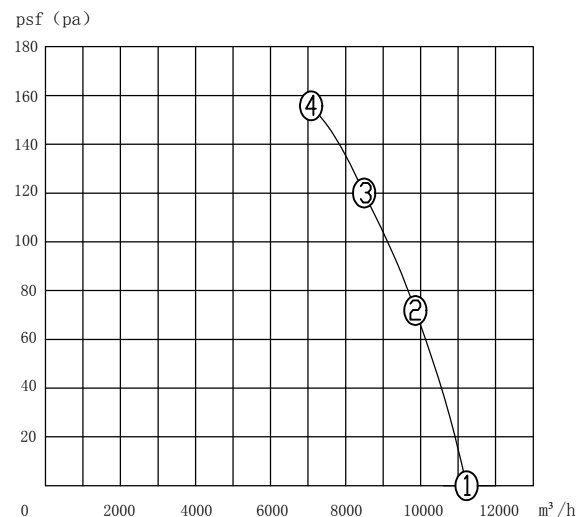
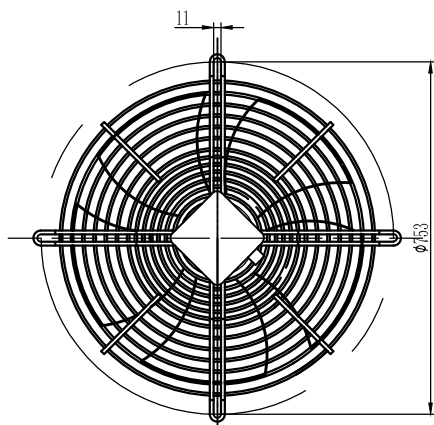
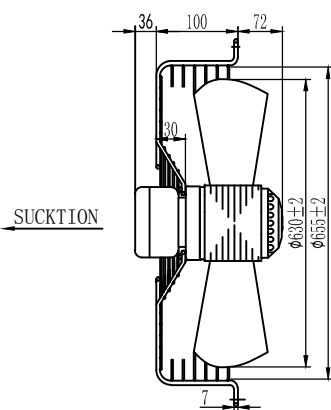
The external wiring diagram:



Test data at free :

connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	1~220	50	390	1.65	1390	70

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
status	Deliver before		
	After the outflow		
drawing			Product Specification
audit			
approval			



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	3.18	703	1398	11224	
②	73	3.73	824	1370	9836	
③	120	4.03	892	1349	8506	MAX EFF.
④	156	4.39	969	1320	7082	IMAX

MARK



MAER AXIAL FAN MOTOR
MOTORS & FANS

MODEL: YDWF102L70P4-753N-630 SUCTION
4E-630-S
VOLTAGE: 220V/50HZ
N. W/G. W. 16. 3/18. 9KG
MEAS: 67. 5X67. 5X24 CM
CL. F WITH TERMINAL BOX
20180509X

Nameplate:



YDWF102L70P4-753N-630 S 1~220V/50Hz 20 μF/450V
892W 4.03A 1349r/min @ 120Pa
CL. F IP54 2018/05



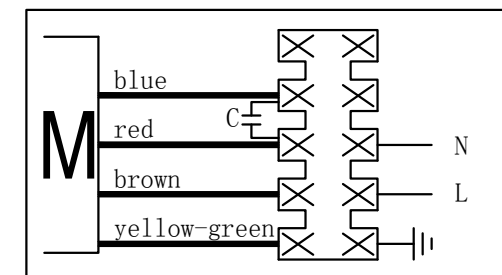
MAER

Product model	YDWF102L70P4-753N-630 S
product type	External rotor axial flow fan
customer	
Product number	MAER-1506075
certification	CE, CCC

Condition of use:

- 1) voltage and frequency: $1 \sim 220 \text{ V} \pm 5\%$, 50 Hz .
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.75 mm^2 .
- 3) Installation position: vertical or upward.
- 4) ambient temperature: $-40 \sim 70^\circ \text{C}$.

The external wiring diagram:

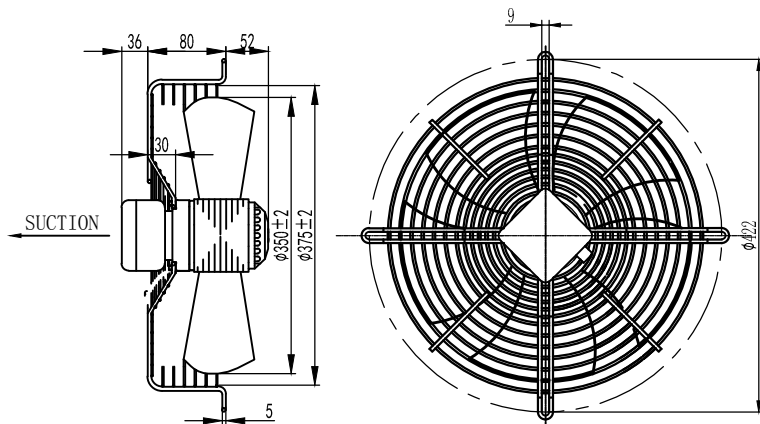


Test data at free :

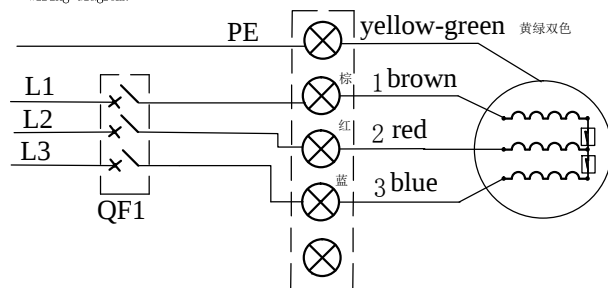
connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	1~220	50	790	3.6	1400	76

Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1500V*min, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP54, fan protection level, IP2X.
6. The fan balance level is: $1400 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.
7. MAER box.

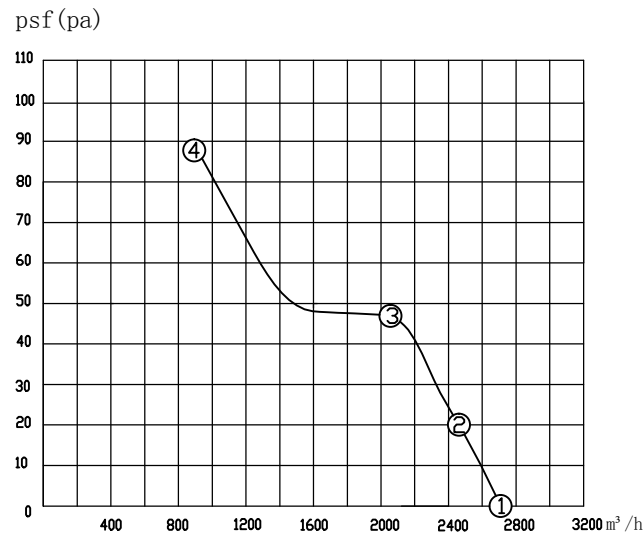


Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V.S, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP54, fan protection level, IP2X.
6. The fan balance level is: $1370 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.
7. MAER box.
8. 7. Built-in heat protector.



Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	0.31	120	1395	2719	
②	21	0.32	126	1389	2527	
③	48	0.33	136	1373	2129	MAX EFF.
④	85	0.36	185	1294	940	IMAX

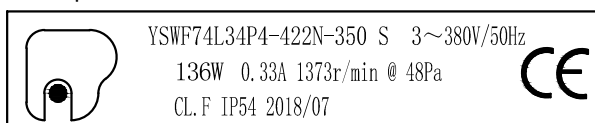
MARK



MAER AXIAL FAN MOTOR
MOTORS & FANS

MODEL: YSWF74L34P4-422N-350 SUCTION
4D-350-S
VOLTAGE: 220V/50HZ
N. W/G. W. 5. 1/5. 9KG
MEAS: 44X44X20 CM
CL. F WITH TERMINAL BOX
20180716X

Nameplate:



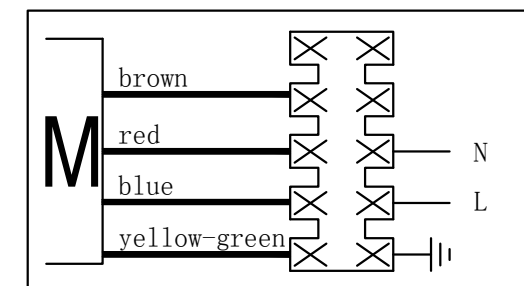
MAER

Product model	YSWF74L34P4-422N-350 S
product type	External rotor axial flow fan
customer	
Product number	MAER-1606280
certification	CCC, CE

Condition of use:

- 1) voltage and frequency: $3 \sim 380 \text{ V} \pm 5\%$, 50 Hz .
- 2) qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm^2 .
- 3) Installation position: vertical or upward.
- 4) ambient temperature: $-40 \sim 85^\circ\text{C}$.

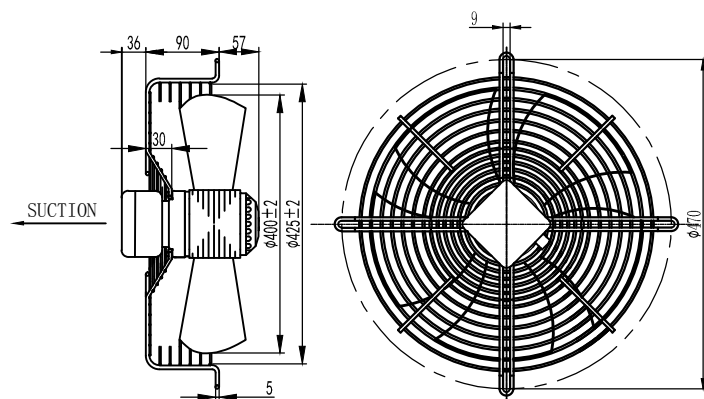
The external wiring diagram:



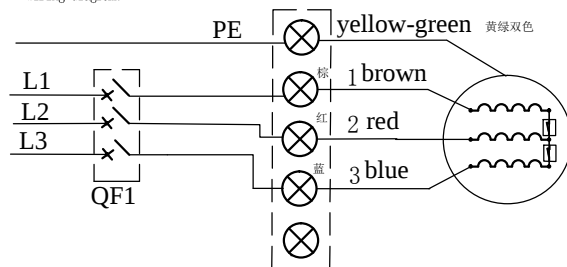
Test data at free :

connection	UAC (V) $\pm 5\%$	F (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noise dB(A)
	3~380	50	140	0.34	1370	63

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	before		
	after the confirmation		
drawing			Product Specification
audit			
approval			



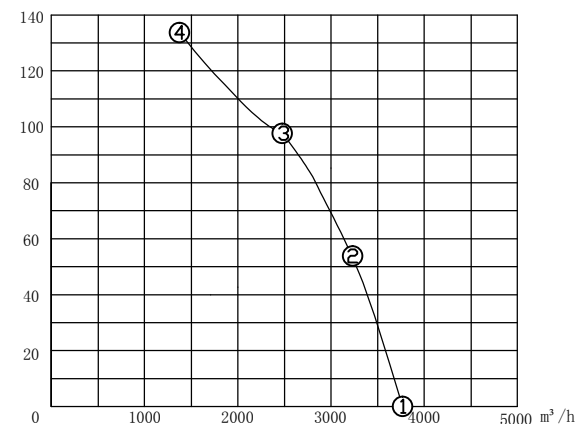
Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V.S, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP54, fan protection level, IP2X.
6. The fan balance level is: $1400 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.
7. MAER box.
8. Built-in heat protector.

psf (pa)



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	0.42	166	1407	3768	
②	54	0.44	196	1385	3215	
③	97	0.46	216	1362	2484	MAX EFF.
④	131	0.48	235	1348	1441	IMAX

MARK



MAER AXIAL FAN MOTOR
MOTORS & FANS

MODEL: YSWF74L47P4-470N-400 SUCTION

4D-400-S

VOLTAGE: 380V/50HZ

N. W/G. W. 6/7. 1KG

MEAS: 44X44X20 CM

CL. F WITH TERMINAL BOX

20180509X

Nameplate:



YSWF74L47P4-470N-400 S 3~380V/50Hz

216W 0.46A 1362r/min @ 97Pa

η sf=30.97% N=41.4 CL.F IP54 2018/05



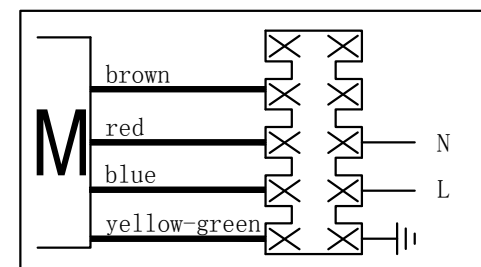
MAER

Product model	YSWF74L47P4-470N-400 S
product type	External rotor axial flow fan
customer	
Product number	MAER-1606280
certification	CCC、CE

Condition of use:

- 1) voltage and frequency: $3 \sim 380 \text{ V} \pm 5\%$, 50 Hz。
- 2) qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm^2 .
- 3) Installation position: vertical or upward.
- 4) ambient temperature: $-40 \sim 80^\circ\text{C}$ 。

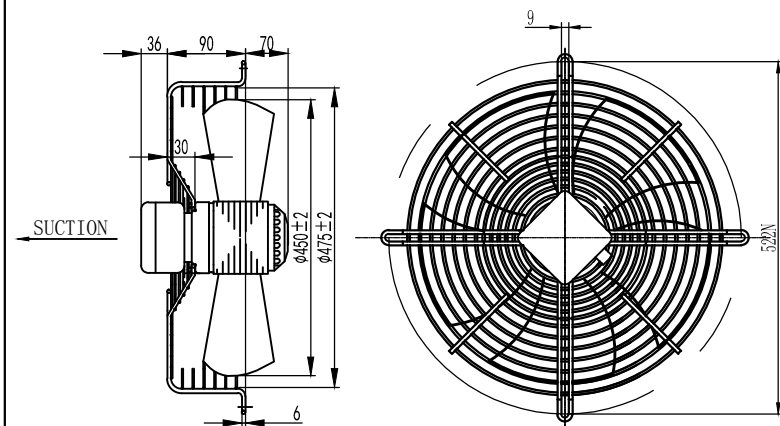
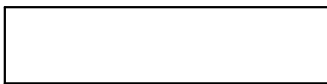
The external wiring diagram:



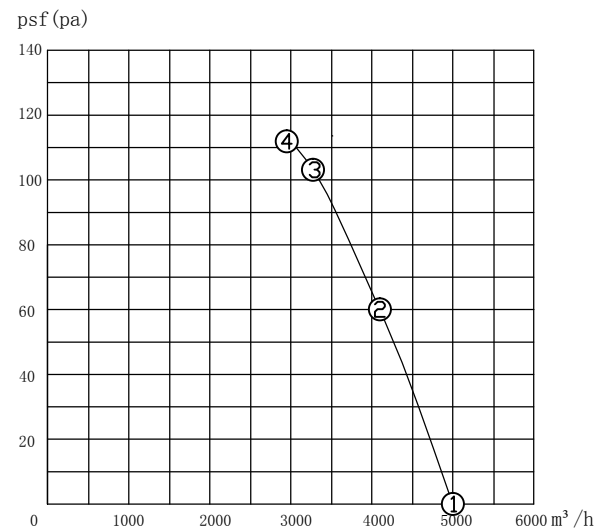
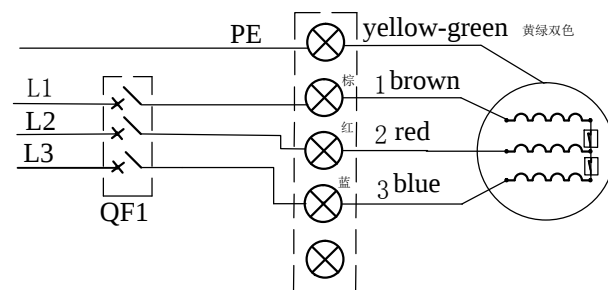
Test data at free :

connection	UAC (V) $\pm 5\%$	F (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noise dB(A)
	3~380	50	185	0.45	1400	69

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
deliver before state			
after the confirmation			
drawing			Product Specification
audit			
approval			



Wiring diagram:



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	0.52	210	1387	4987	
②	59	0.56	255	1356	4280	
③	103	0.59	290	1328	3276	MAX EFF.
④	111	0.59	292	1325	3019	IMAX

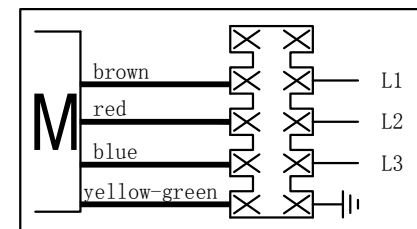


Product model	YSWF74L60P4-522N-450 S
product type	External rotor axial flow fan
customer	
Product number	MAER-150301D
certification	CE,CCC

Condition of use:

- 1) voltage and frequency: $3 \sim 380 \text{ V} \pm 5\%$, 50 Hz .
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.5 mm^2 .
- 3) Installation position: vertical or upward.
- 4) ambient temperature: $-10 \sim 70^\circ\text{C}$.

The external wiring diagram:



Technical specification:

- 1.All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- 2.Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- 3.The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V•S, and the insulation resistance is not less than 100MΩ at room temperature.
- 4.Motor insulation class, F CLASS.
- 5.Motor protection level, IP54, fan protection level, IP2X.
- 6.The fan balance level is: $1370 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.
- 7.Built-in heat protector.

MARK



MAER AXIAL FAN MOTOR
MOTORS & FANS

MODEL: YSWF74L60P4-522N-450 SUCTION
4D-450-S

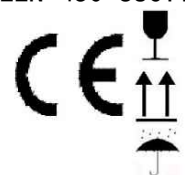
VOLTAGE: 380V/50HZ

N. W/G. W. 7. 3/8. 7KG

MEAS: 50X50X22 CM

CL. F WITH TERMINAL BOX

20180509X



Nameplate:

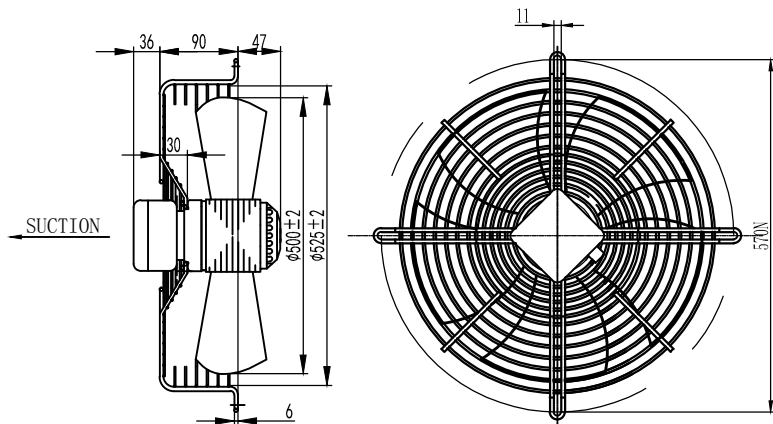
	YSWF74L60P4-522N-450 S	3~380V/50Hz
	290W 0.59A 1328r/min @ 103Pa	
	$\eta_{sf}=32.36\%$ N=42 CL. F IP54 2018/05	



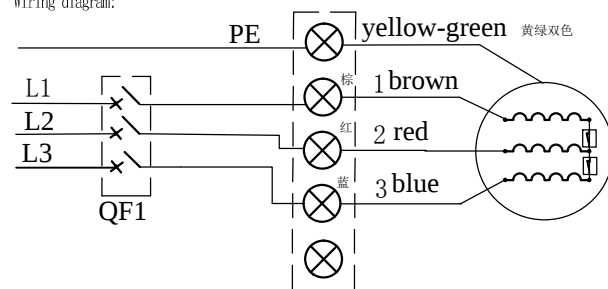
Test data at free :

connection	UAC (V) $\pm 5\%$	f (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noise dB(A)
	3~380	50	240	0.57	1370	68

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	deliver before		
	after the confirmation		
drawing			Product Specification
audit			
approval			

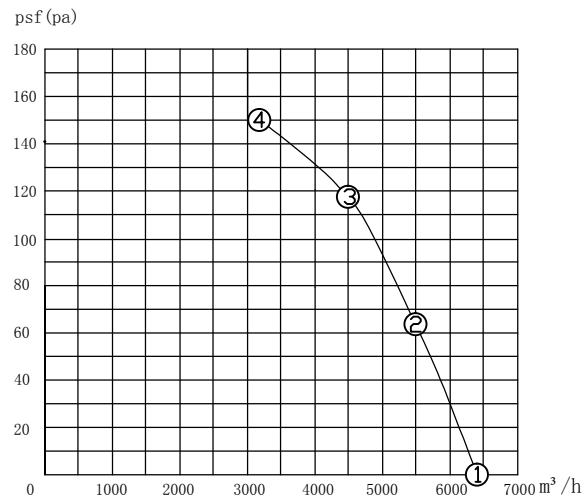


Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V•S, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP54, fan protection level, IP2X.
6. The fan balance level is: 1390±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
7. Built-in heat protector.



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	0.72	349	1380	6460	
②	64	0.78	405	1356	5635	
③	117	0.83	449	1332	4483	MAX EFF.
④	139	0.83	455	1327	3501	IMAX

MARK



MAER AXIAL FAN MOTOR
MOTORS & FANS

MODEL: YSWF102L35P4-570N-500 SUCTION
4D-500-S

VOLTAGE: 380V/50HZ

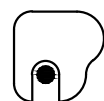
N. W/G. W. 9. 3/10. 8KG

MEAS: 55X55X21 CM

CL. F WITH TERMINAL BOX

20180509X

Nameplate:



YSWF102L35P4-570N-500 S 3~380V/50Hz
449W 0.83A 1332r/min @ 117Pa
 $\eta_{sf}=32.47\%$ N=40.9 CL.F IP54 2018/05



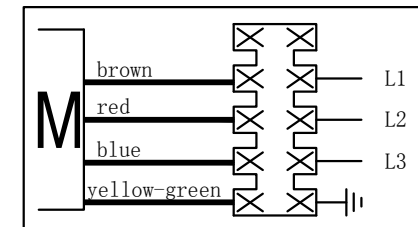
MAER

Product model	YSWF102L35P4-570N-500 S
product type	External rotor axial flow fan
customer	
Product number	MAER-150301D
certification	CE, CCC

Condition of use:

- 1) voltage and frequency: $3 \sim 380 V \pm 5\%$, $50 Hz$.
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than $0.75 mm^2$.
- 3) Installation position: vertical or upward.
- 4) ambient temperature: $-40 \sim 80^\circ C$.

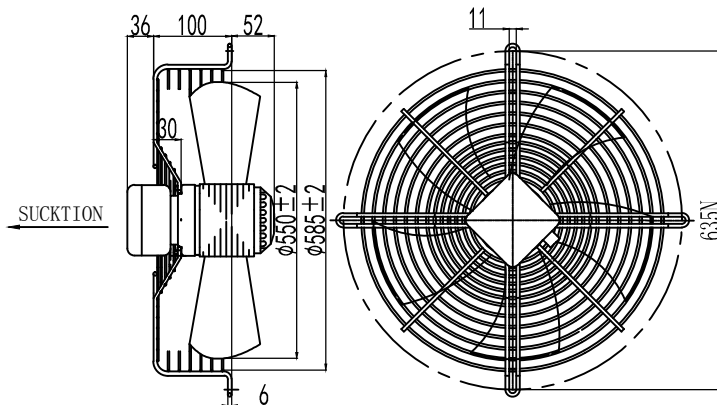
The external wiring diagram:



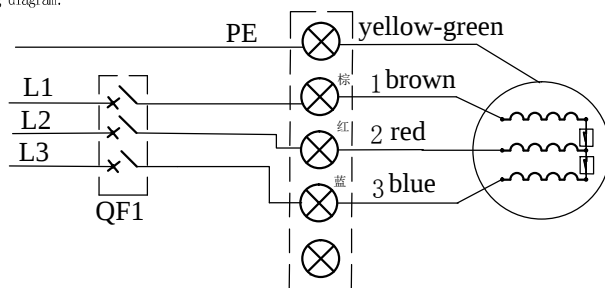
Test data at free :

connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	3~380	50	390	0.76	1390	70

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	deliver before		
	After the confirmation		
drawing			Product Specification
audit			
approval			

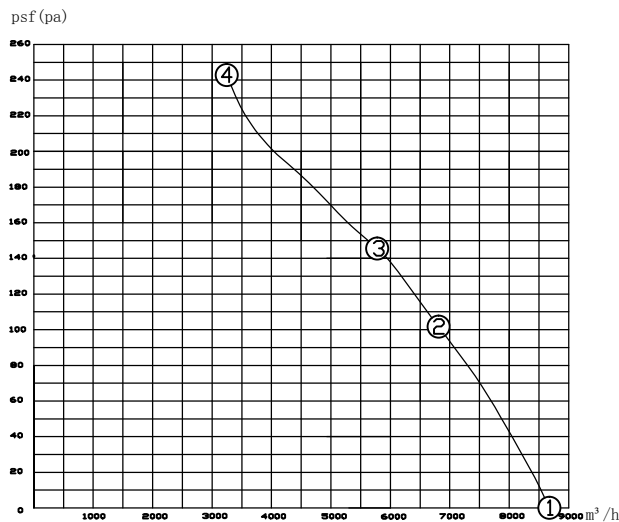


Wiring diagram:



Technical specification:

- 1.All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- 2.Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- 3.The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V.S, and the insulation resistance is not less than 100MΩ at room temperature.
- 4.Motor insulation class, F CLASS.
- 5.Motor protection level, IP54, fan protection level, IP2X.
- 6.The fan balance level is: $1400 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.
- 7.MAER box.
- 8.7.Built-in heat protector.



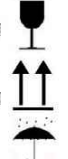
PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	1.13	524	1411	8575	
②	104	1.25	641	1387	6756	
③	144	1.27	670	1377	5895	MAX EFF.
④	242	1.49	815	1355	3252	IMAX

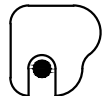
**MAER** AXIAL FAN MOTOR
MOTORS & FANS

MODEL : YSWF102L50P4-625N-550 SUCTION
4D-550-S
VOLTAGE : 380V/50HZ
N. W/G. W. 10/11.5KG
MEAS:60X60X21 CM
CL. F WITH TERMINAL BOX



20180716X

Nameplate:



YSWF102L50P4-625N-550 S 3~380V/50Hz
670W 1.27A 1377r/min @45Pa
 η sf=35.4% N=42.7 CL.F IP54 2018/07



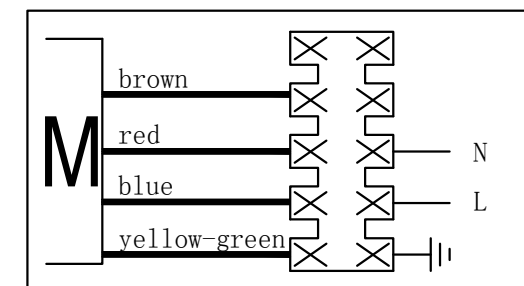


Product model	YSWF102L50P4-635N-550 S
product type	External rotor axial flow fan
customer	
Product number	MAER-1610177
certification	CE、CCC

Condition of use:

- 1) voltage and frequency: $3 \sim 380V \pm 5\% 50Hz$.
- 2) Lead cable:Terminal block, the recommended standard of lead wire is not less than 0.75 mm^2 .
- 3) Installation position: vertical or upward.
- 4) ambient temperature: $-40 \sim 70^\circ\text{C}$.

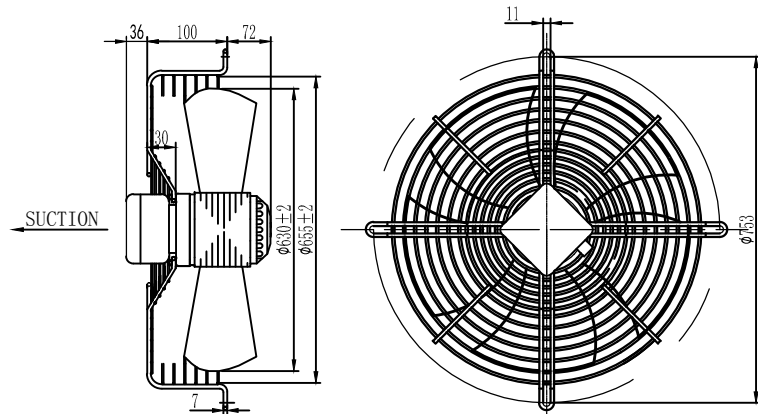
The external wiring diagram:



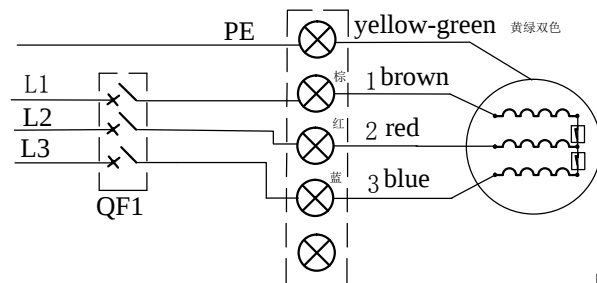
Test data at free :

connection	UAC (V)±5%	F (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	3~380	50	560	1.24	1400	74

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	deliver before		
	After the estimation		
drawing			Product Specification
audit			
approval			

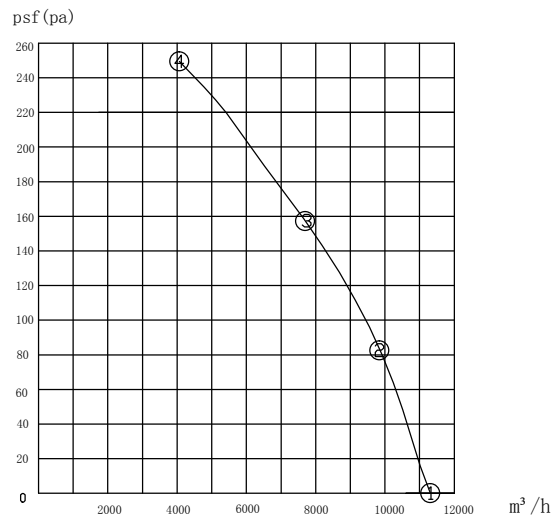


Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V *S, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP54, fan protection level, IP2X.
6. The fan balance level is: 1400 ±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
7. Built-in heat protector.

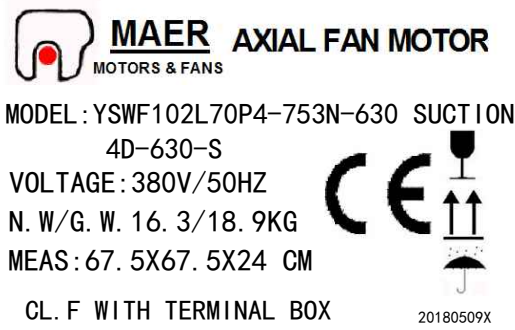


PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

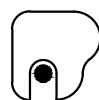
Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	1.48	705	1414	11304	
②	83	1.63	834	1395	9891	
③	155	1.75	937	1378	7804	MAX EFF.
④	249	1.98	1120	1346	4069	IMAX

MARK



Nameplate:



YSWF102L70P4-753N-630 S 3~380V/50Hz
937W 1.75A 1378r/min @ 155Pa
ηsf=35.84% N=42.2 CL. F IP54 2018/05

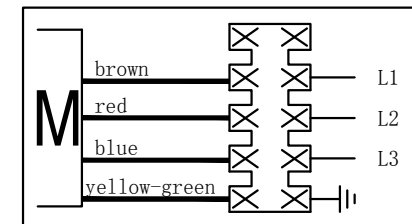


Product model	YSWF102L70P4-753N-630 S
product type	External rotor axial flow fan
customer	
Product number	MAER-150301D
certification	CE, CCC

Condition of use:

- 1) voltage and frequency: 3 ~ 380 V ± 5 %, 50 Hz.
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.75 mm².
- 3) Installation position: vertical or upward.
- 4) ambient temperature: -40 ~ 70 °C.

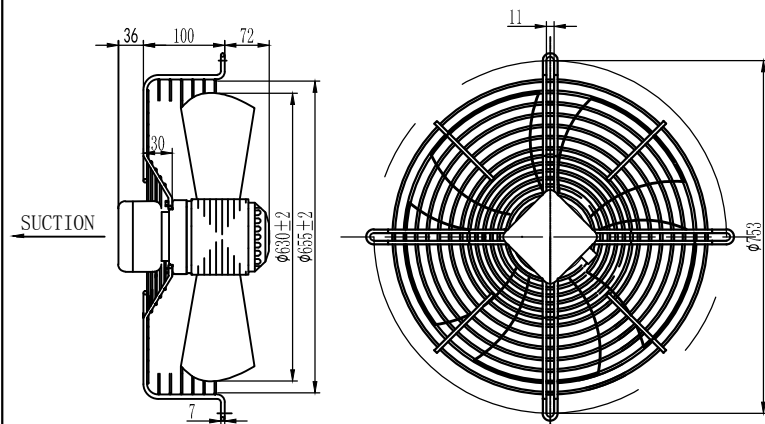
The external wiring diagram:



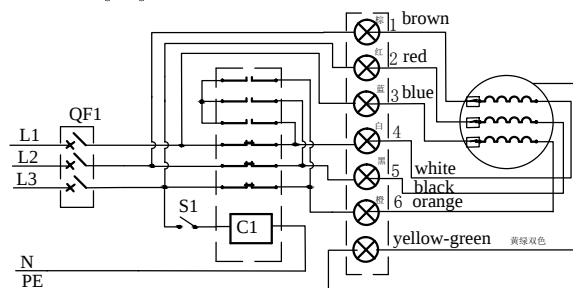
Test data at free :

connection	UAC (V) ± 5%	f (Hz)	P1 (W) ± 10%	I (A) ± 10%	n (r/min) ± 10%	Noise dB(A)
	3~380	50	770	1.65	1400	77

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	Before before		
After the confirmation			
drawing			Product Specification
audit			
approval			



Wiring diagram:



QF1 - run control air switch, QF1 switched on, the fan running. C1 - Y/Δ operation control contactor, S1 disconnect, Δ connection; S1 connected, Y connection.

Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V.S, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP54, fan protection level, IP2X.
6. The fan balance level is: 930±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
7. MAER box.
8. 7. Built-in heat protector.



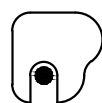
PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

Δ	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	1.16	373	947	9510	
②	72	1.22	459	931	7362	
③	97	1.22	485	925	6047	MAX EFF.
④	112	1.25	509	920	4777	IMAX
Y						
⑤	0	0.83	277	823	8260	
⑥	18	0.87	297	804	7640	
⑦	45	0.94	326	775	6206	MAX EFF.
⑧	83	1.13	397	693	1863	IMAX

Test data at free :

connection	UAC (V)±5%	F (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
Δ	3~380	50	500	1.25	930	75
Y	3~380	50	277	0.85	812	72



YSWF102L70P6-753N-630 S 3~380V/50Hz

Δ : 485W 1.22A 925r/min @ 97Pa

Y : 326W 0.94A 775r/min @ 45Pa

ηsf=33.7 N=41.9 CL.F IP54 2018/07



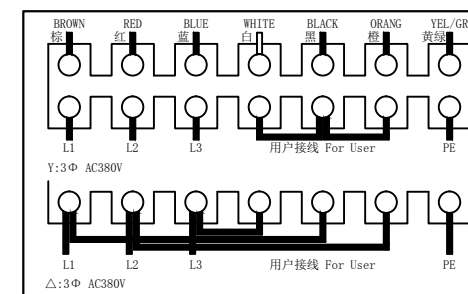
MAER

Product model	YSWF102L70P6-753N-630 S
product type	External rotor axial flow fan
customer	
Product number	MAER-1606280
certification	CCC、CE

Condition of use:

- 1) voltage and frequency: Δ/Y, 3 ~ 380 V ± 5 %, 50 Hz 。
- 2) qualification requirements: Terminal block, the recommended standard of lead wire is not less than 1 mm².
- 3) Installation position: vertical or upward.
- 4) ambient temperature: -40~60°C。

The external wiring diagram:



MARK



MAER AXIAL FAN MOTOR
MOTORS & FANS

MODEL: YSWF102L70P6-753N-630 SUCTION
6D-630-S

VOLTAGE : 380V/50HZ

N. W/G. W. 16.3/18.9KG

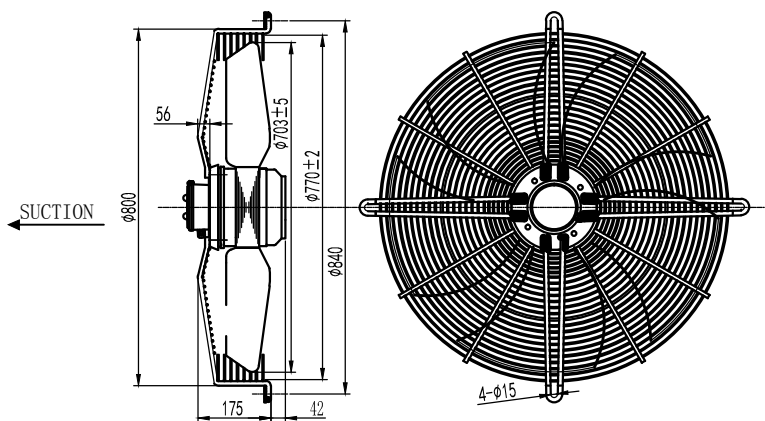
MEAS: 67.5X67.5X24CM

CL. F WITH TERMINAL BOX

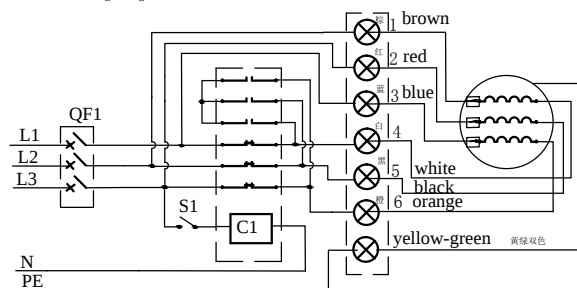
20180718X



	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
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after the			
drawing			Product Specification
audit			
approval			



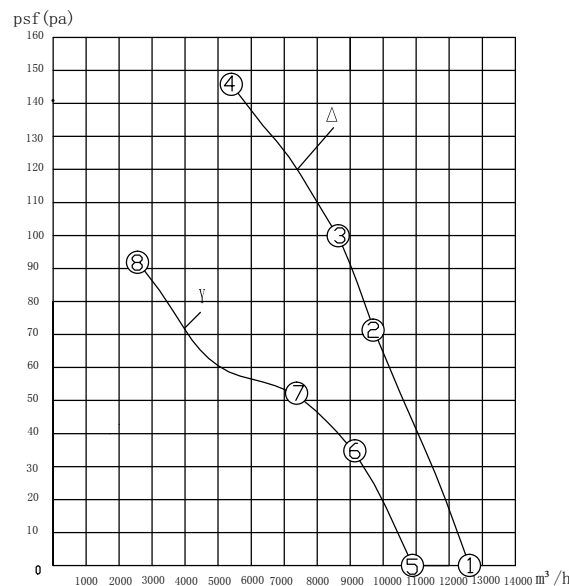
Wiring diagram:



QF1 - run control air switch, QF1 switched on, the fan running. C1 - Y/Δ operation control contactor, S1 disconnect, Δ connection; S1 connected, Y connection.

Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V.S, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP54, fan protection level, IP2X.
6. The fan balance level is: $925 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.
7. MAER box.
8. 7. Built-in heat protector.



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

Δ	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	1.83	573	949	12613	
②	71	1.87	678	935	9735	
③	99	1.89	714	930	8726	MAX EFF.
④	145	1.95	805	918	5404	IMAX
Y						
⑤	0	1.01	569	765	10888	
⑥	34	1.06	607	738	9105	
⑦	52	1.08	618	728	7299	MAX EFF.
⑧	92	1.22	708	645	2559	IMAX

Test data at free :

connection	UAC (V)±5%	f (Hz)	P1 (W)±10%	I (A)±10%	n (r/min)±10%	Noise dB(A)
Δ	3~380	50	810	1.90	925	73
Y	3~380	50	628	1.10	801	70

Nameplate:



YSWF127L50P6-840N-710 S 3~380V/50Hz
Δ : 714W 1.89A 930r/min @ 99Pa
Y : 618W 1.08A 728r/min @ 52Pa
η sf=33.68% N=40.8 CL.F IP54 2018/07



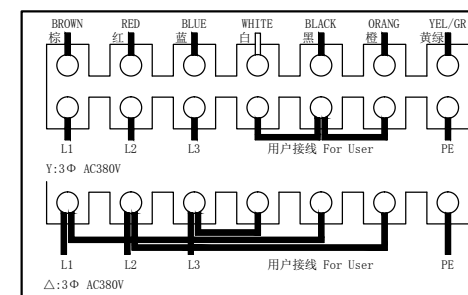


Product model	YSWF127L50P6-840N-710 S
product type	External rotor axial flow fan
customer	
Product number	MAER-1606280
certification	CCC、CE

Condition of use:

- 1) voltage and frequency: Δ/Y , 3 ~ 380 V $\pm 5\%$, 50 Hz.
- 2) qualification requirements: Terminal block, the recommended standard of lead wire is not less than 1 mm².
- 3) Installation position: vertical or upward.
- 4) ambient temperature: -40~60°C.

The external wiring diagram:



MARK



MAER AXIAL FAN MOTOR
MOTORS & FANS

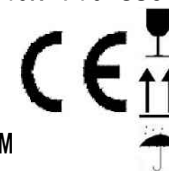
MODEL : YSWF127L50P6-840N-710 SUCTION
6D-710-S

VOLTAGE : 380V/50HZ

N. W/G. W. 21. 8/25. 3KG

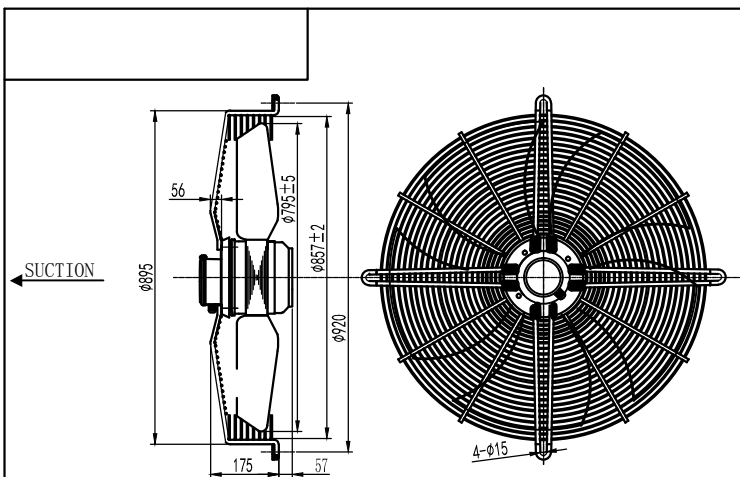
MEAS: 49. 5X79. 5X28. 5CM

CL. F WITH TERMINAL BOX

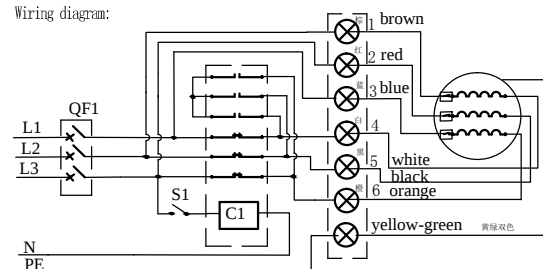


20180718X

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	after the confirmation		
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audit			
approval			



Wiring diagram:

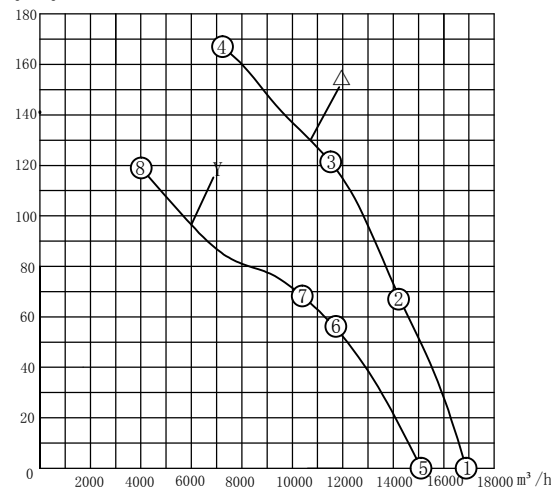


QF1 - run control air switch, QF1 switched on, the fan running. C1 - Y/Δ operation control contactor, S1 disconnect, Δ connection; S1 connected, Y connection.

Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V.S, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP54, fan protection level, IP2X.
6. The fan balance level is: $920 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.
7. External heat protector.

psf (pa)



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

Δ	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	2.19	874	932	16895	
②	66	2.36	1031	917	14301	
③	124	2.44	1126	906	11371	MAX EFF.
④	167	2.54	1218	895	7236	IMAX
Y						
⑤	0	1.21	679	800	15107	
⑥	56	1.40	797	745	11631	
⑦	69	1.44	822	731	10318	MAX EFF.
⑧	119	1.61	927	669	4019	IMAX

Test data at free :

connection	UAC (V)±5%	F (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
Δ	3~380	50	1100	2.40	920	77
Y	3~380	50	850	1.45	750	75

Nameplate:

YSWF127L65P6-920N-800 S 3~380V/50Hz

Δ : 1126W 2.44A 906r/min @ 124pa

Y : 822W 1.44A 731r/min @ 69pa

η=34.79% N=40.6 CL.F IP54 2018/07



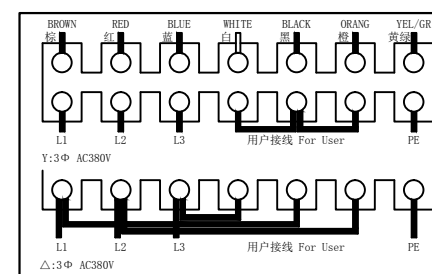
MAER

Product model	YSWF127L65P6-920N-800 S
product type	External rotor axial flow fan
customer	
Product number	MAER-1610190
certification	CE, CCC

Condition of use:

- 1) voltage and frequency: $\sqrt{3} \sim 380 \text{ V} \pm 5\% \text{ } 50 \text{ Hz}$.
- 2) Lead cable: Terminal block, the recommended standard of lead wire is not less than 1 mm^2 .
- 3) Installation position: vertical or upward.
- 4) ambient temperature: $-40 \sim 60^\circ \text{C}$.

The external wiring diagram:



MAER AXIAL FAN MOTOR

MOTORS & FANS

MODEL : YSWF127L65P6-920N-800 SUCT ION

6D-800-S

VOLTAGE : 380V/50HZ

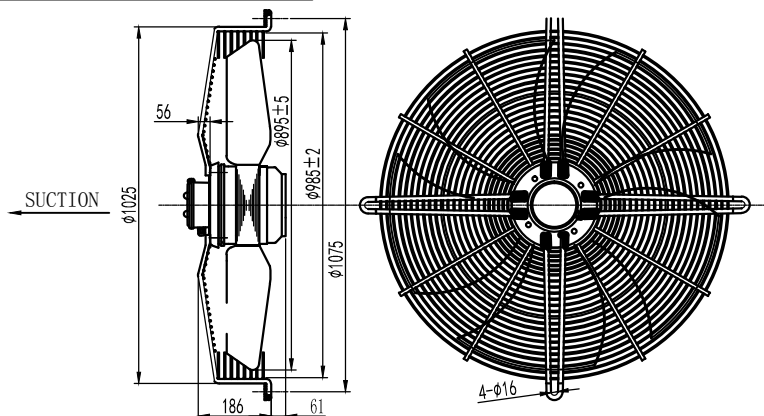
N. W/G. W. 21. 8/25. 3KG

MEAS: 31X32 CM

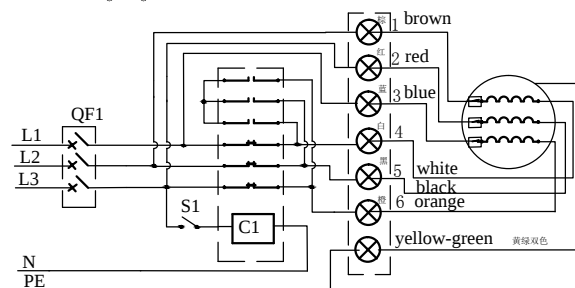
CL. F WITH TERMINAL BOX

20180716X

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drawing			Product Specification
audit			
approval			



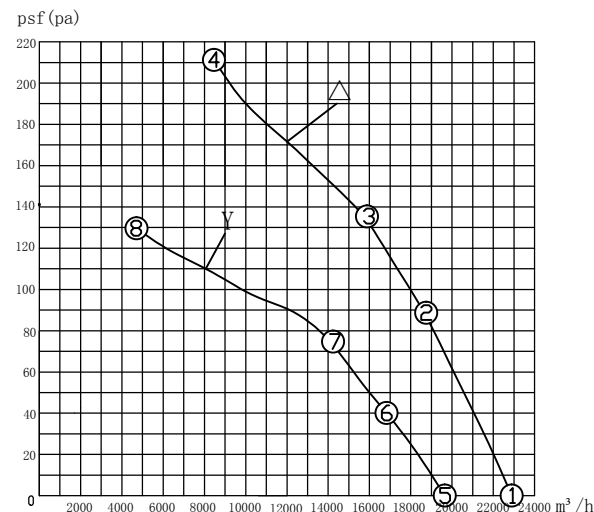
Wiring diagram:



QF1 - run control air switch, QF1 switched on, the fan running. C1 - Y/Δ operation control contactor, S1 disconnect, Δ connection; S1 connected, Y connection.

Technical specification:

- All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V.S, and the insulation resistance is not less than 100MΩ at room temperature.
- Motor insulation class, F CLASS.
- Motor protection level, IP54, fan protection level, IP2X.
- The fan balance level is: $925 \pm 10 \text{ r/min}$ high than G6.3, vibration value is less than 5.4mm/s.
- MAER box.
- Built-in heat protector.



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

Δ	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	3.22	1306	932	22912	
②	89	3.46	1586	912	18642	
③	135	3.62	1738	901	15755	MAX EFF.
④	211	4.07	2134	869	8492	IMAX
Y						
⑤	0	1.69	980	792	19667	
⑥	40	1.88	1105	757	17037	
⑦	74	2.01	1187	730	14160	MAX EFF.
⑧	130	2.48	1476	617	4724	IMAX

Test data at free :

connection	UAC (V) $\pm 5\%$	F (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noise dB(A)
Δ	3~380	50	1540	3.50	925	77
Y	3~380	50	1050	1.80	772	74

Nameplate:

YSWF127L80P6-1075N-900 S 3~380V/50Hz

Δ : 1738W 3.62A 901r/min @ 135Pa

Y : 1187W 2.01A 730r/min @ 74Pa

CL.F IP54 2018/07

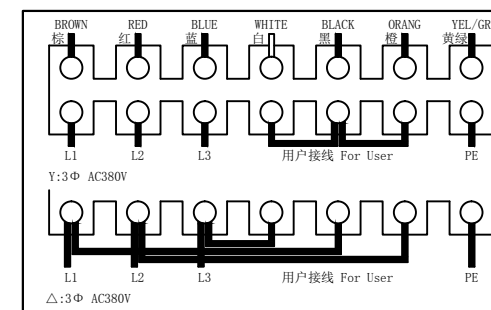


Product model	YSWF127L80P6-1075N-900 S
product type	External rotor axial flow fan
customer	
Product number	MAER-1606280
certification	CCC、CE

Condition of use:

- voltage and frequency: Δ/Y , 3 ~ 380 V $\pm 5\%$, 50 Hz.
- qualification requirements: Terminal block, the recommended standard of lead wire is not less than 1mm².
- Installation position: vertical or upward.
- ambient temperature: -40~60°C.

The external wiring diagram:



MARK

MAER AXIAL FAN MOTOR

MOTORS & FANS

MODEL : YSWF127L80P6-1075N-900 SUCTION

6D-900-S

VOLTAGE : 380V/50HZ

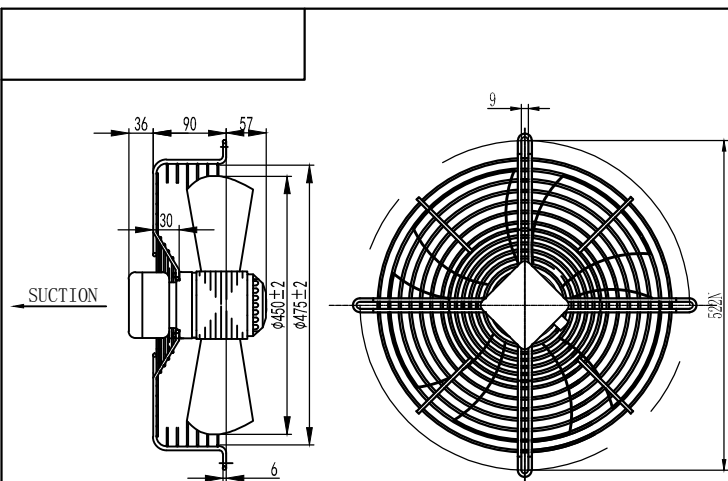
N. W/G. W. 21. 8/25. 3KG

MEAS: 33X34 CM

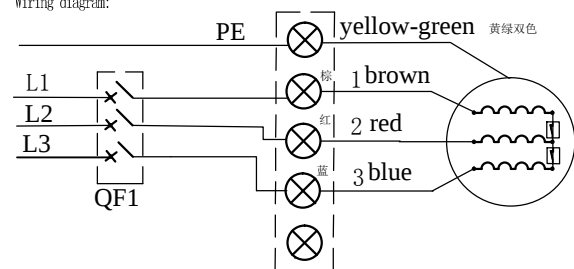
CL.F WITH TERMINAL BOX

20180716X

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
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after the confirmation			
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audit			
approval			

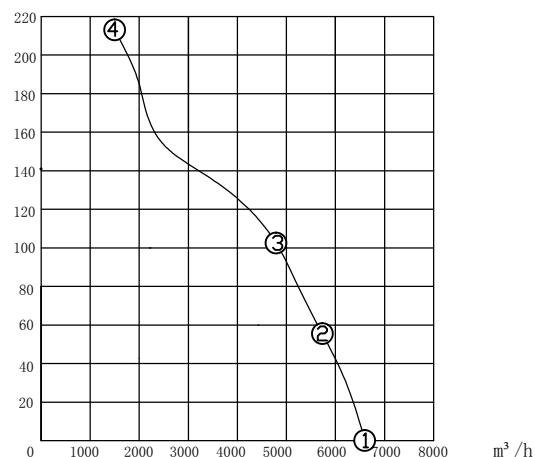


Wiring diagram:



Technical specification:

- All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V *S, and the insulation resistance is not less than 100MΩ at room temperature.
- Motor insulation class, F CLASS.
- Motor protection level, IP54, fan protection level, IP2X.
- The fan balance level is: $1390 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.
- Built-in heat protector.

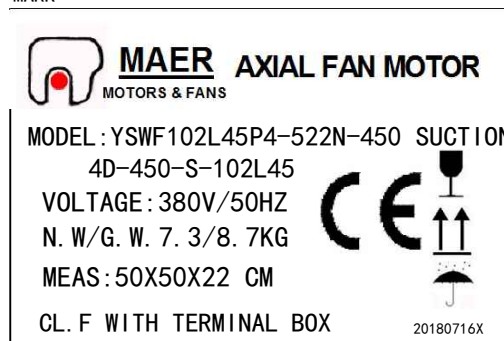


PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

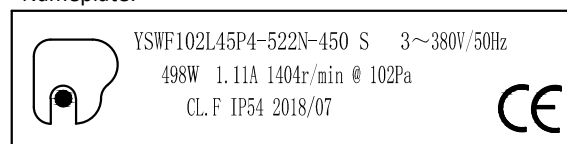
Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	1.04	425	1421	6597	
②	57	1.08	463	1412	5749	
③	102	1.11	498	1404	4794	MAX EFF.
④	213	1.29	672	1360	1507	IMAX

MARK



Nameplate:

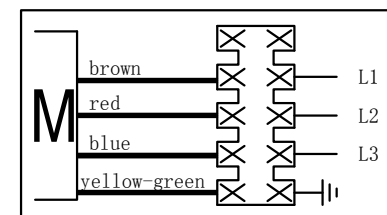


MAER	Product model	YSWF102L45P4-522N-450 S
	product type	External rotor axial flow fan
	customer	
	Product number	MAER-150301D
	certification	CE, CCC

Condition of use:

- voltage and frequency: $3 \sim 380 \text{ V} \pm 5\%$, 50 Hz .
- Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.75 mm^2 .
- Installation position: vertical or upward.
- ambient temperature: $-40 \sim 80^\circ\text{C}$.

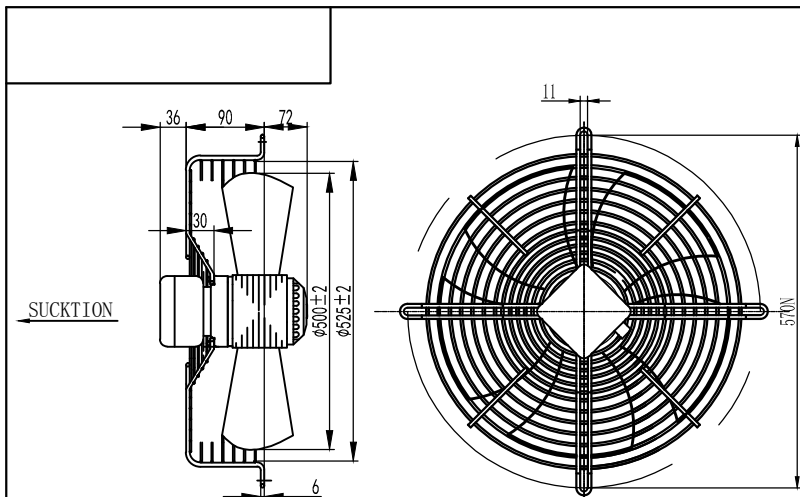
The external wiring diagram:



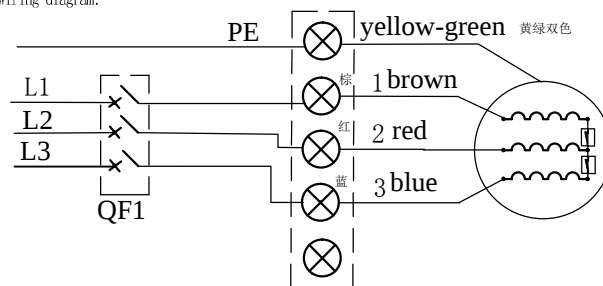
Test data at free :

connection	UAC (V) $\pm 5\%$	f (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noise dB(A)
	3~380	50	463	1.08	1412	73

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state			Product Specification
drawing			
audit			
approval			

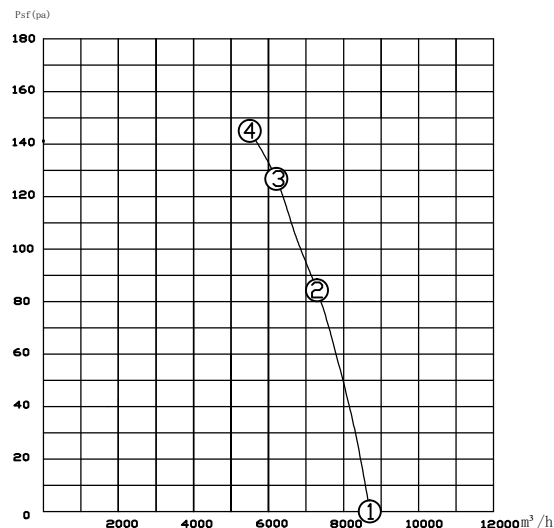


Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2000, the electrical strength is 1800V.S, and the insulation resistance is not less than 100M at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP54, fan protection level, IP2X.
6. The fan balance level is: $1379 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.
7. Built-in heat protector.

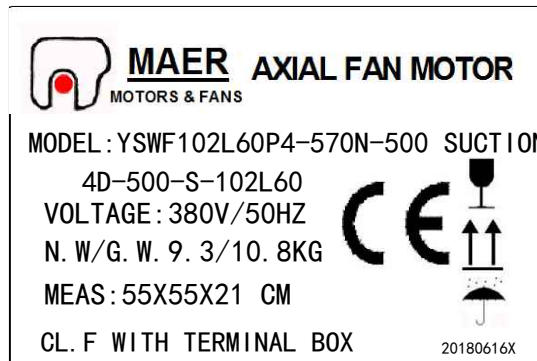


PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

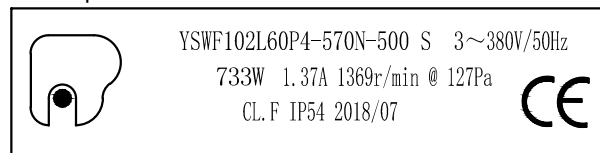
Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	1.22	611	1395	8718	
②	84	1.31	691	1379	7273	
③	127	1.37	733	1369	6178	MAX EFF.
④	145	1.40	752	1366	5543	IMAX

MARK



Nameplate:

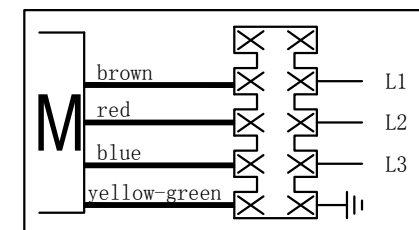


	Product model	YSWF102L60P4-570N-500 S
	product type	External rotor axial flow fan
	customer	
	Product number	MAER-1605245
	certification	CE, CCC

Condition of use:

- 1) voltage and frequency: $3 \sim 380 \text{ V} \pm 5\%$, 50 Hz.
- 2) Lead cable: Terminal block, the recommended standard of lead wire is not less than 0.75 mm^2 .
- 3) Installation position: vertical or upward.
- 4) ambient temperature: $-40 \sim 70^\circ\text{C}$.

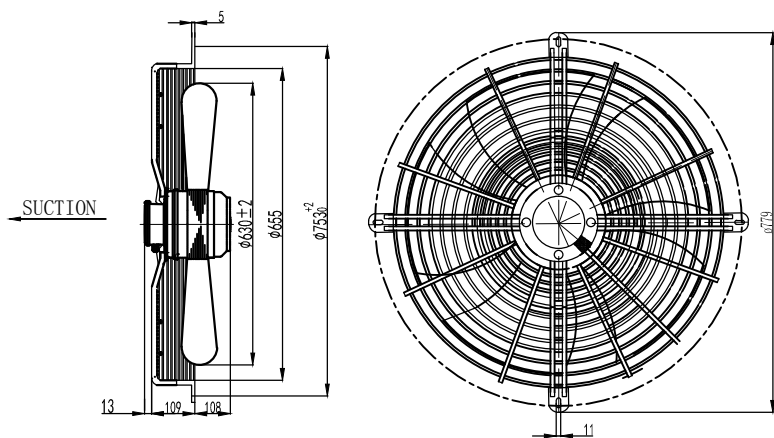
The external wiring diagram:



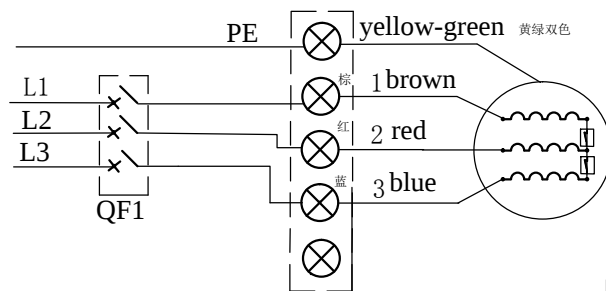
Test data at free :

connection	UAC (V) $\pm 5\%$	F (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noise dB(A)
	3~380	50	691	1.31	1379	73

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
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state			
After the confirmation			
drawing			Product Specification
audit			
approval			

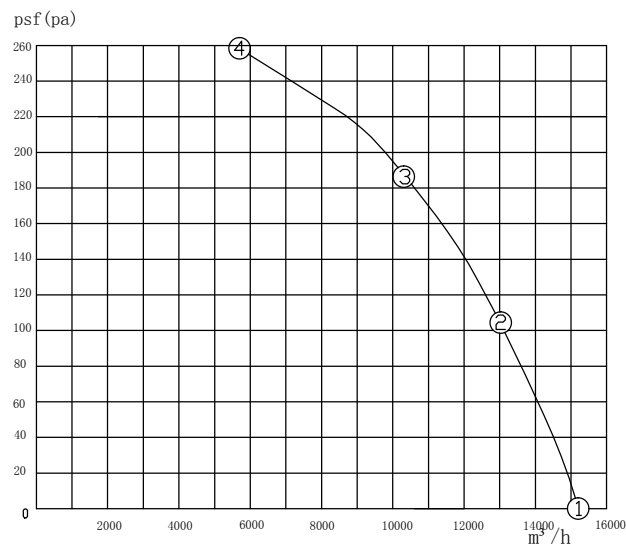


Wiring diagram:



Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2009, the electrical strength is 1800V•S, and the insulation resistance is not less than 100MΩ at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP54, fan protection level, IP2X.
6. The fan balance level is: 1400±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
7. Built-in heat protector.



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

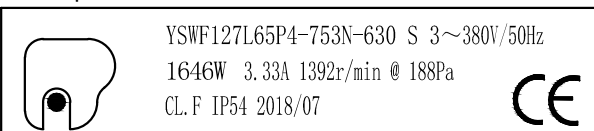
	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	2.99	1320	1420	15151	
②	104	3.17	1499	1405	12866	
③	188	3.33	1646	1392	10334	MAX EFF.
④	258	3.48	1794	1380	5709	IMAX

MARK



MODEL : YSWF127L65P4-753N-630 SUCTION
4D-630-S-127L65
VOLTAGE : 380V/50HZ
N. W/G. W. 16. 3/18. 9KG
MEAS: 67. 5X67. 5X24 CM
CL. F WITH TERMINAL BOX
20180509X

Nameplate:

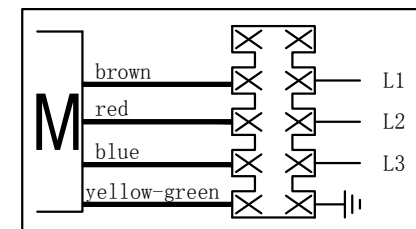


Product model	YSWF127L65P4-753N-630 S
product type	External rotor axial flow fan
customer	
Product number	MAER-150301D
certification	CE, CCC

Condition of use:

- 1) voltage and frequency: $3 \sim 380 V \pm 5 \%$, 50 Hz.
- 2) Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.75 mm^2 .
- 3) Installation position: vertical or upward.
- 4) ambient temperature: $-40 \sim 60^\circ\text{C}$.

The external wiring diagram:

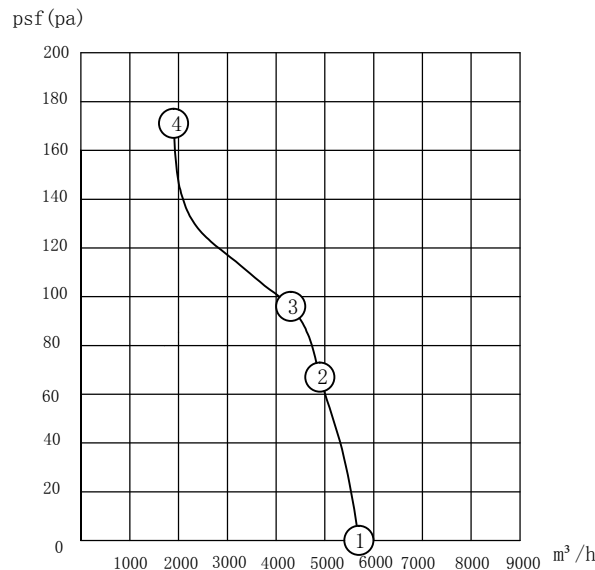
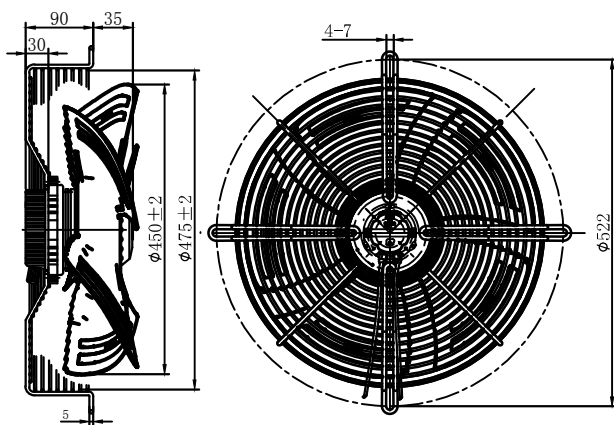


Test data at free :

connection	UAC (V)±5%	f (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	3~380	50	1600	3.3	1400	78

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SUCTION



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	1.76	387	1515	5719	
②	67	1.93	424	1510	4946	
③	96	1.95	429	1511	4314	MAX EFF
④	171	2.41	533	1509	1906	

1. all parts of the motor should be assembled correctly.

The rotor surface and the mounting bracket shall be sprayed with plastics (black), with no oil or dirt on the surface, No obvious distortion, mechanical damage and other defects.

After the assembly is complete, the shaft is painted with antirust oil, and a plastic sleeve is sheathed.

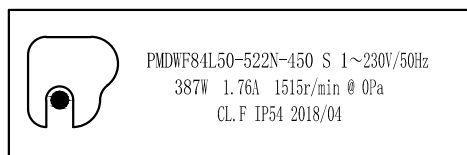
2., motor flexible rotation, no clamping, running sound, fixed rotor without edge and other undesirable phenomena, When there is no load, there is no obvious electromagnetic sound and the friction of bearing.

3. motor safety requirements according to GB12350-2009 implementation, electrical strength of DC1500V = min; Insulation resistance is not less than 100M at normal temperature.

4. insulation grade of motor, CLASS F.

5. motor protection grade IP54, controller protection level IP54.

Nameplate:

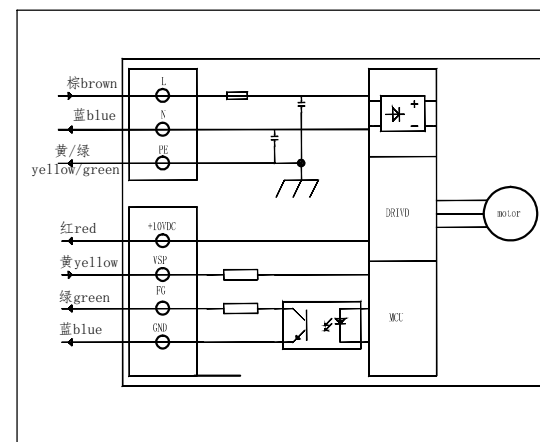


Product model	PMDWF84L50-522N-450 S
product type	External rotor axial flow fan
customer	
Product number	MAER-1603011
certification	CE、CCC

Condition of use:

- 1) voltage and frequency: $1 \sim 230 V \pm 10 \%$, 50 Hz .
- 2) Lead cable: Terminal block, the recommended standard of lead wire is not less than 0.75 mm^2 .
- 3) Installation position: vertical or upward.
- 4) ambient temperature: $-25 \sim 65^\circ \text{C}$.

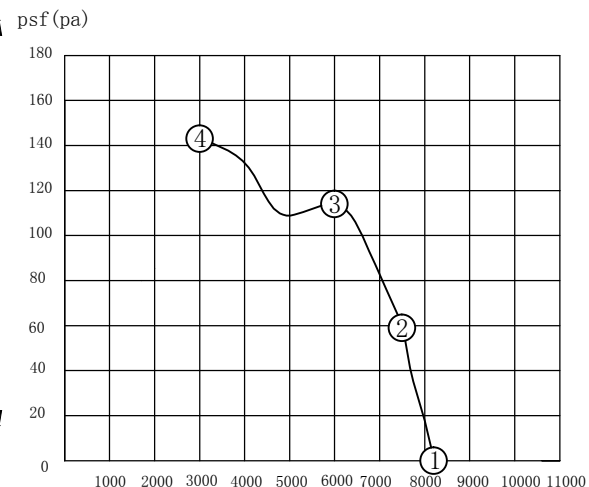
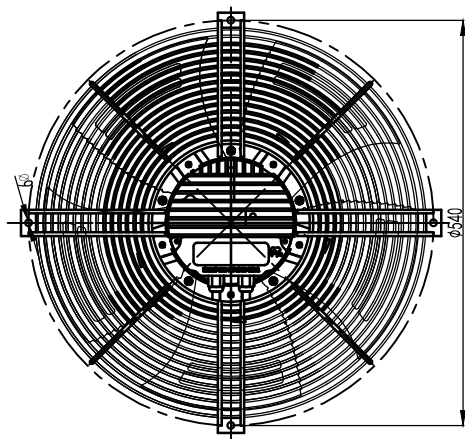
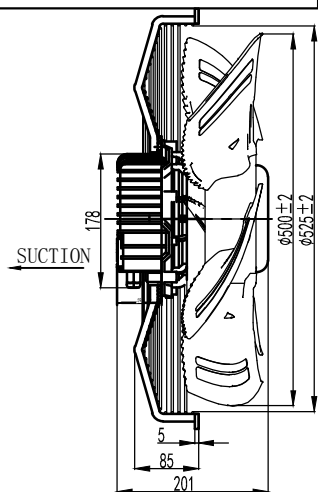
Performance parameters at key point:



Test data at free :

connection	UAC (V) $\pm 10\%$	F (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noise dB(A)
	1~230	50	424	1.93	1510	64

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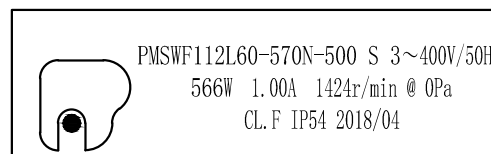
PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	1.00	566	1424	8222	
②	59	1.04	597	1410	7461	
③	114	1.06	604	1402	6044	MAX EFF
④	143	1.07	614	1404	3039	

P3							P2			P1			P	
RSA	RSB	4-20mA	+20V	+10V	0-10V	GND	FG	N0	COM	NC	L3	L2	L1	PE

- all parts of the motor should be assembled correctly.
The rotor surface and the mounting bracket shall be sprayed with plastics (black), with no oil or dirt on the surface, No obvious distortion, mechanical damage and other defects.
After the assembly is complete, the shaft is painted with antirust oil, and a plastic sleeve is sheathed.
- motor flexible rotation, no clamping, running sound, fixed rotor without edge and other undesirable phenomena, When there is no load, there is no obvious electromagnetic sound and the friction of bearing.
- motor safety requirements according to GB12350-2009 implementation, electrical strength of DC1500V = min; Insulation resistance is not less than 100M at normal temperature.
- insulation grade of motor, CLASS F.
- motor protection grade IP54, controller protection level IP54.

Nameplate:



Test data at free :

connection	UAC (V) ±10%	F (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	3~400	50	597	1.04	1410	64

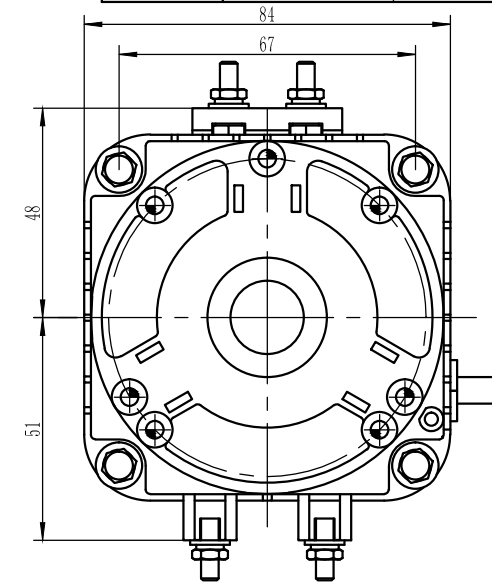
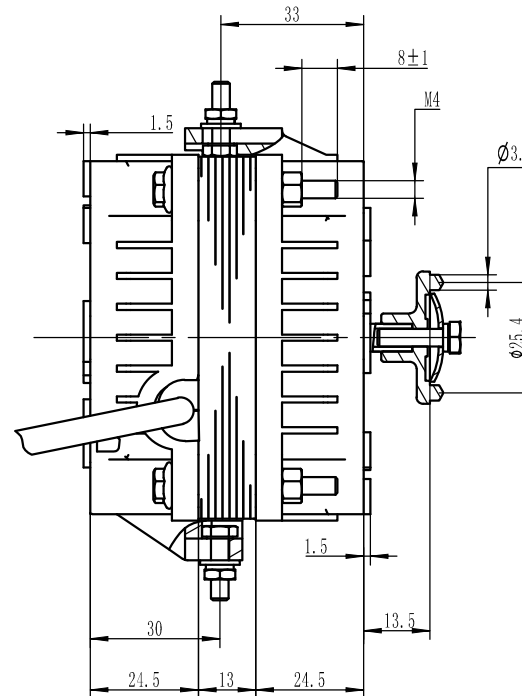
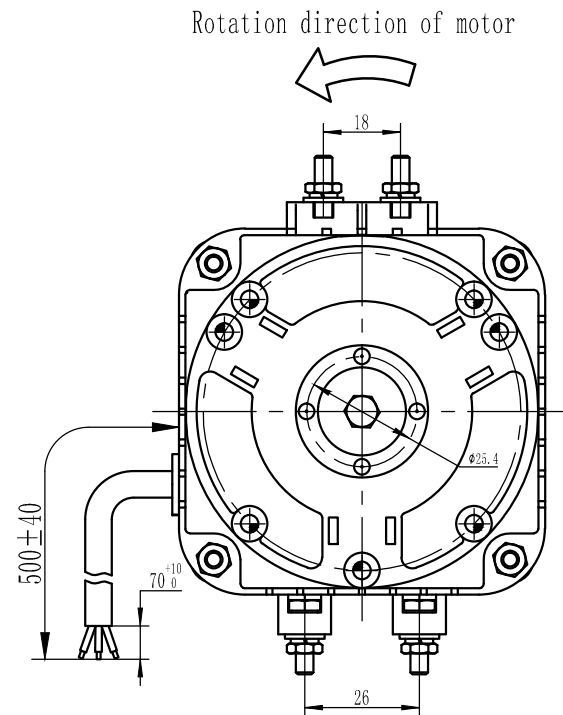


Product model	PMSWF112L60-570N-500 S
product type	External rotor axial flow fan
customer	
Product number	MAER-1603011
certification	CE、CCC

Condition of use:

- voltage and frequency: 3 ~ 400 V ± 10 %, 50 Hz.
- Lead cable: Terminal block, the recommended standard of lead wire is not less than 0.75 mm².
- Installation position: vertical or upward.
- ambient temperature: -25 ~ 65 °C.

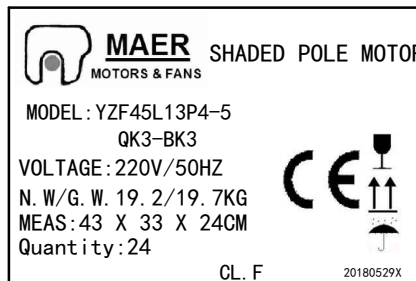
	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	Deliver before		
	After the confirmation		
drawing			Product Specification
audit			
approval			



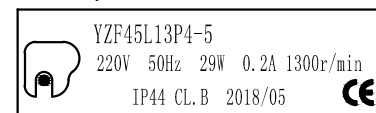
Product model	YZF45L13P4-5
product type	Shaded pole motor
customer	GREEN FROST
Product number	
certification	CE, CCC

Technical requirement

- motor components should be assembled with no oil or dirt on the surface, no apparent distortion, mechanical damage and other defects.
- motor rotation is flexible, no card stagnation, running sound, fixed rotor without edge and other bad phenomena.
- fan safety requirements according to GB12350-2009, electrical strength of 1500.
Min; the insulation level resistance at room temperature is not less than 100MΩ.
- insulation grade of motor: CLASS B.
- environment temperature: $-25^{\circ}\text{C} \sim 40^{\circ}\text{C}$.
- level of motor protection IP44



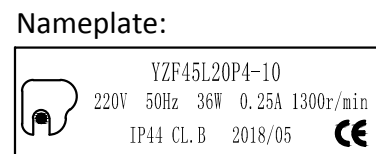
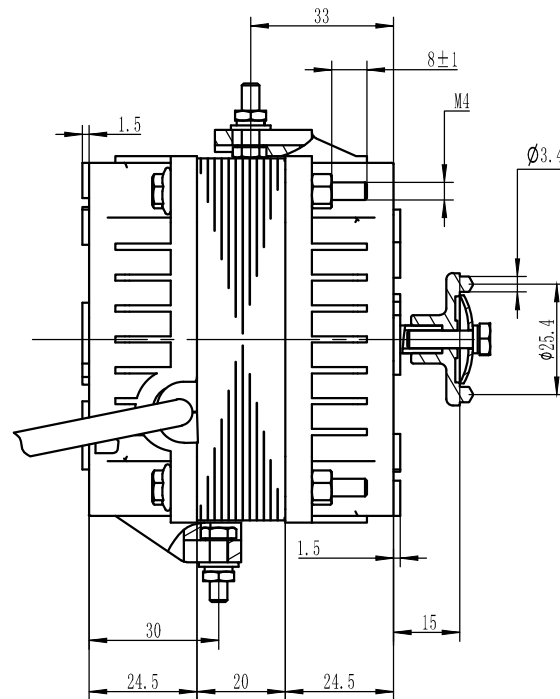
Nameplate:



Main motor parameters:

Motor model	UAC (V) $\pm 5\%$	f (Hz)	P2 (W)	P1 (W)	I (A)	n (r/min)
YZF45L13P4-5	220	50	5	29	0.2	1300

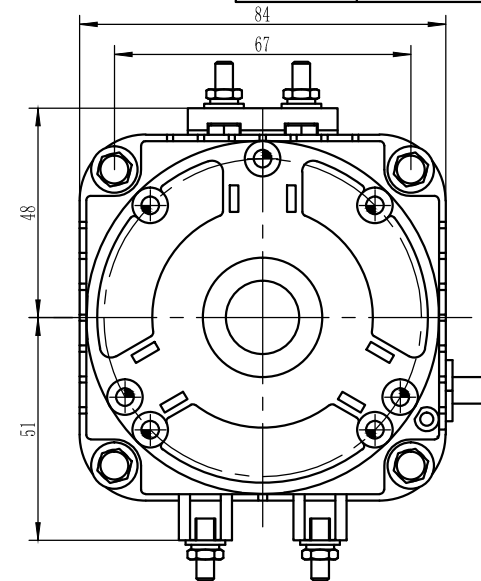
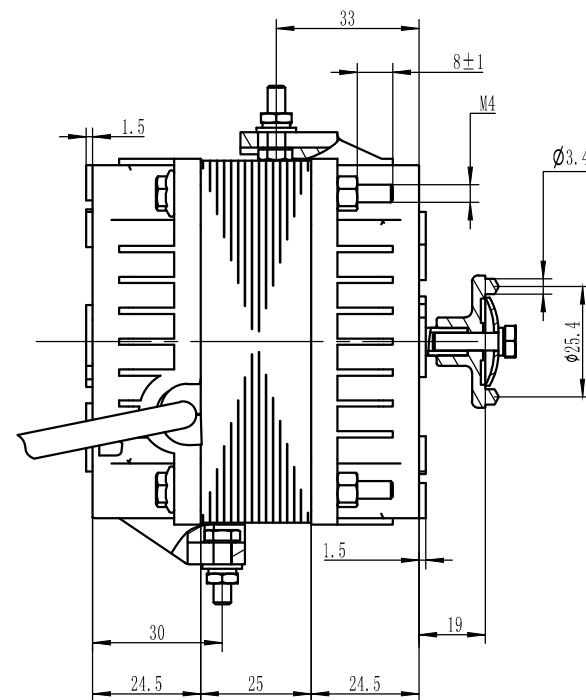
	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	deliver before		
	after the confirmation		
drawing			Product Specification
audit			
approval			



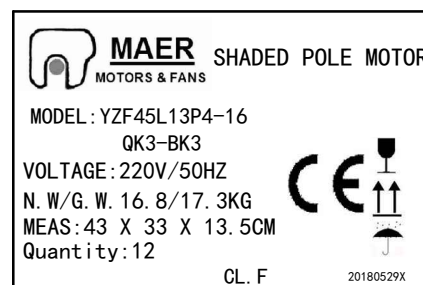
1. motor components should be assembled with no oil or dirt on the surface, no apparent distortion, mechanical damage and other defects.
2. motor rotation is flexible, no card stagnation, running sound, fixed rotor without edge and other bad phenomena.
3. fan safety requirements according to GB12350-2009, electrical strength of 1500. Min; the insulation level resistance at room temperature is not less than 100M Ω .
4. insulation grade of motor: CLASS B.
5. environment temperature: -25 C ~40 C.
6. level of motor protection IP44

Motor model	UAC (V) $\pm 5\%$	f (Hz)	P2 (W)	P1 (W)	I (A)	n (r/min)
YZF45L20P4-10	220	50	10	36	0.25	1300

		The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	Before before			
	After the conclusion			
drawing				Product Specification
audit				
approval				



	Product model	YZF45L25P4-16
	product type	Shaded pole motor
	customer	GREEN FROST
	Product number	
	certification	CE, CCC

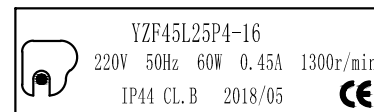


1. motor components should be assembled with no oil or dirt on the surface, no apparent distortion, mechanical damage and other defects.
2. motor rotation is flexible, no card stagnation, running sound, fixed rotor without edge and other bad phenomena.
3. fan safety requirements according to GB12350-2009, electrical strength of 1500 Min; the insulation level resistance at room temperature is not less than 100M Ω .
4. insulation grade of motor: CLASS B.
5. environment temperature: -25 C ~ 40 C.
6. level of motor protection IP44

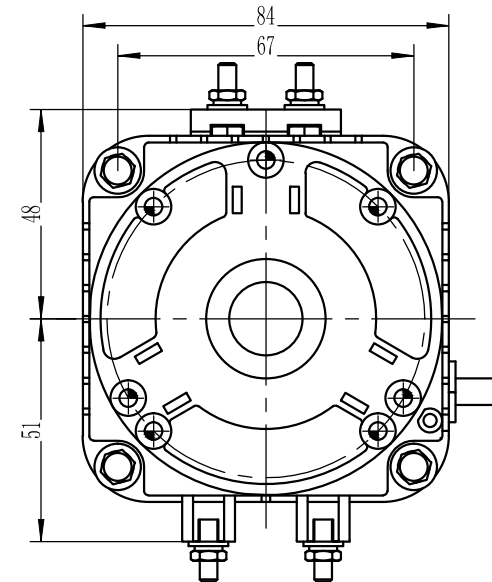
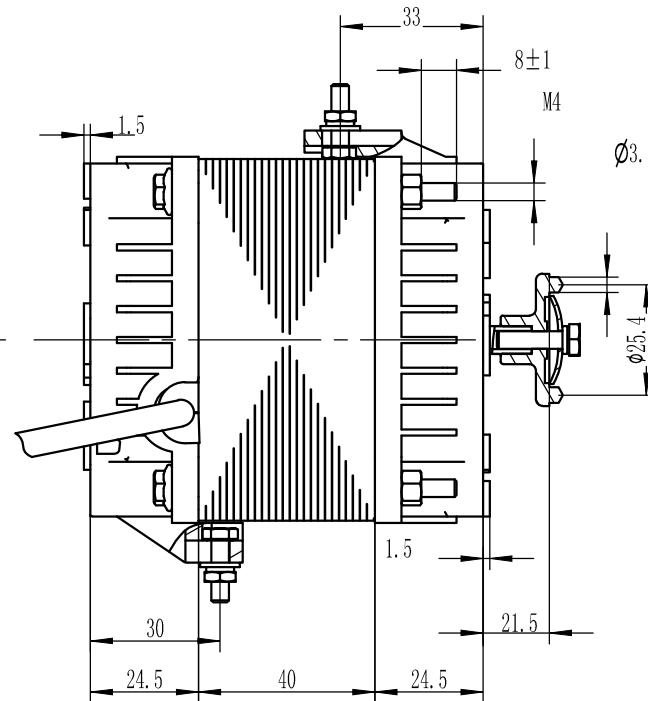
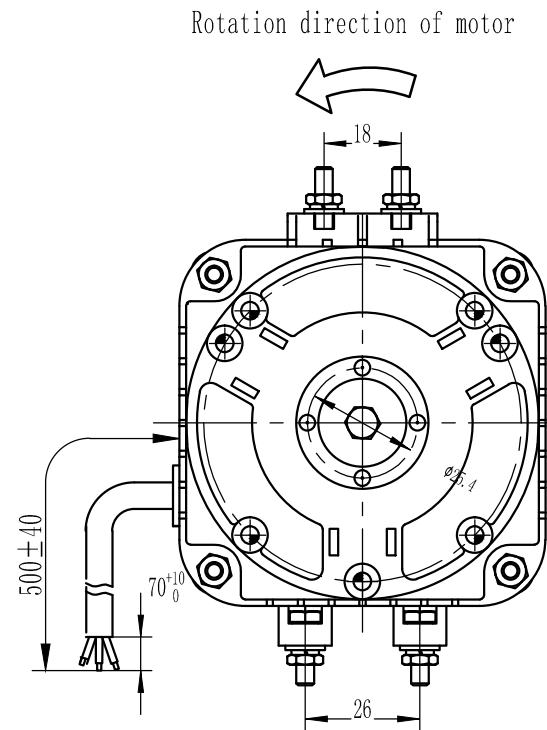
Main motor parameters:

Motor model	UAC (V) $\pm 5\%$	f (Hz)	P2 (W)	P1 (W)	I (A)	n (r/min)
YZF45L25P4-16	220	50	16	60	0.45	1300

Nameplate:



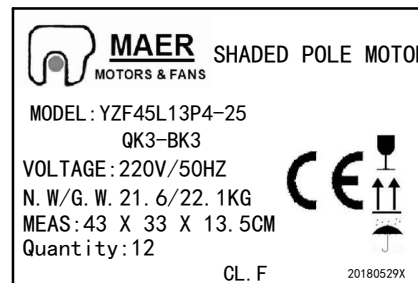
		The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO. , LTD.
state	Deliver before			Product Specification
	After the confirmation			
drawing				
audit				
approval				



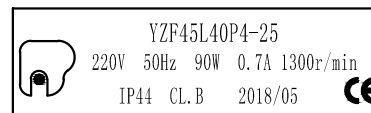
Product model	YZF45L40P4-25
product type	Shaded pole motor
customer	GREEN FROST
Product number	
certification	CE,CCC

Technical requirement

- motor components should be assembled with no oil or dirt on the surface, no apparent distortion, mechanical damage and other defects.
- motor rotation is flexible, no card stagnation, running sound, fixed rotor without edge and other bad phenomena.
- fan safety requirements according to GB12350-2009, electrical strength of 1500. Min; the insulation level resistance at room temperature is not less than 100MΩ.
- insulation grade of motor: CLASS B.
- environment temperature: -25 C ~40 C.
- level of motor protection IP44



Nameplate:



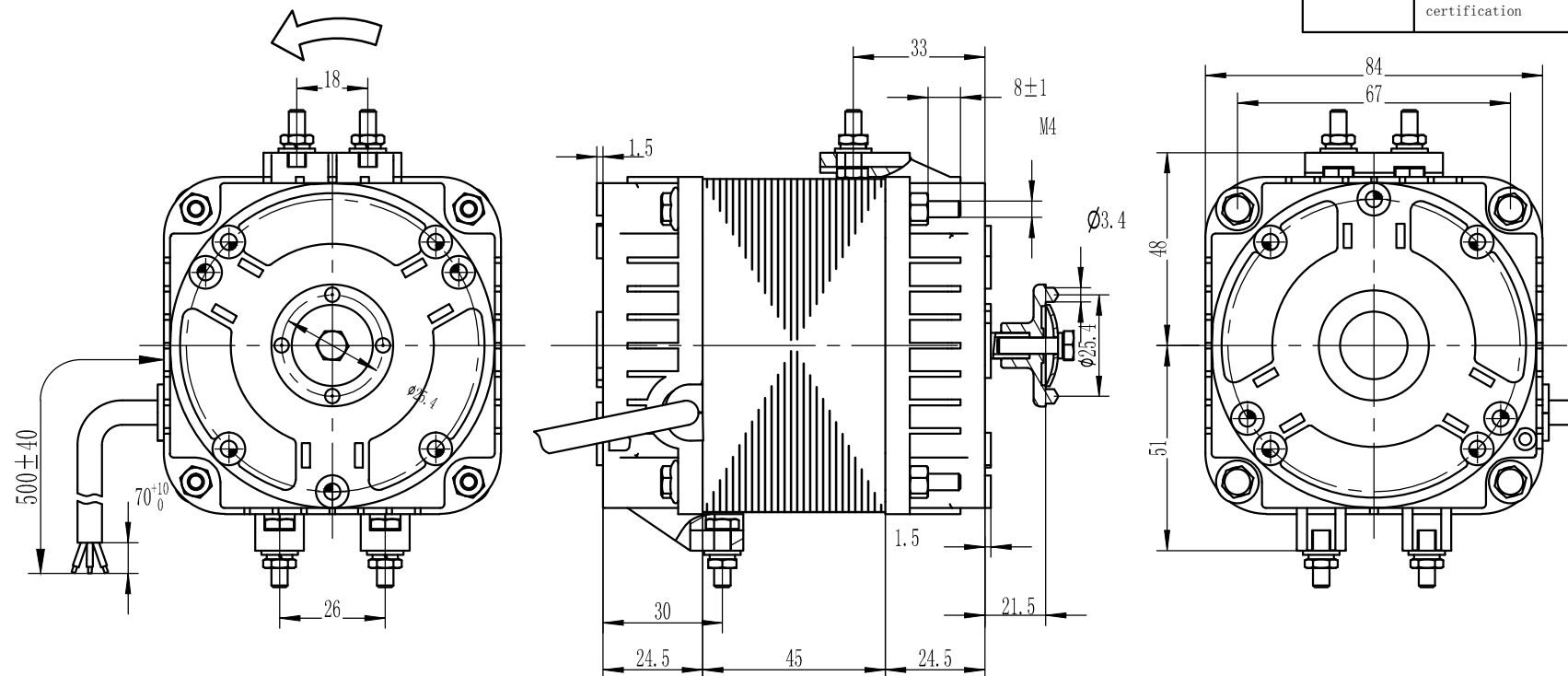
Main motor parameters:

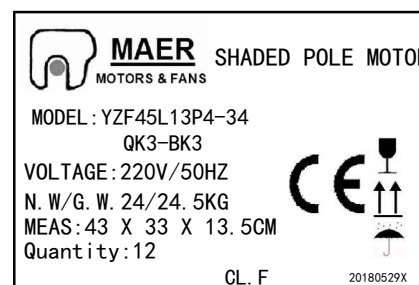
Motor model	UAC (V) ±5%	f (Hz)	P2 (W)	P1 (W)	I (A)	n (r/min)
YZF45L40P4-25	220	50	25	90	0.7	1300

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	deliver before		Product Specification
	after the confirmation		
drawing			
audit			
approval			

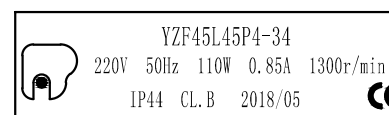


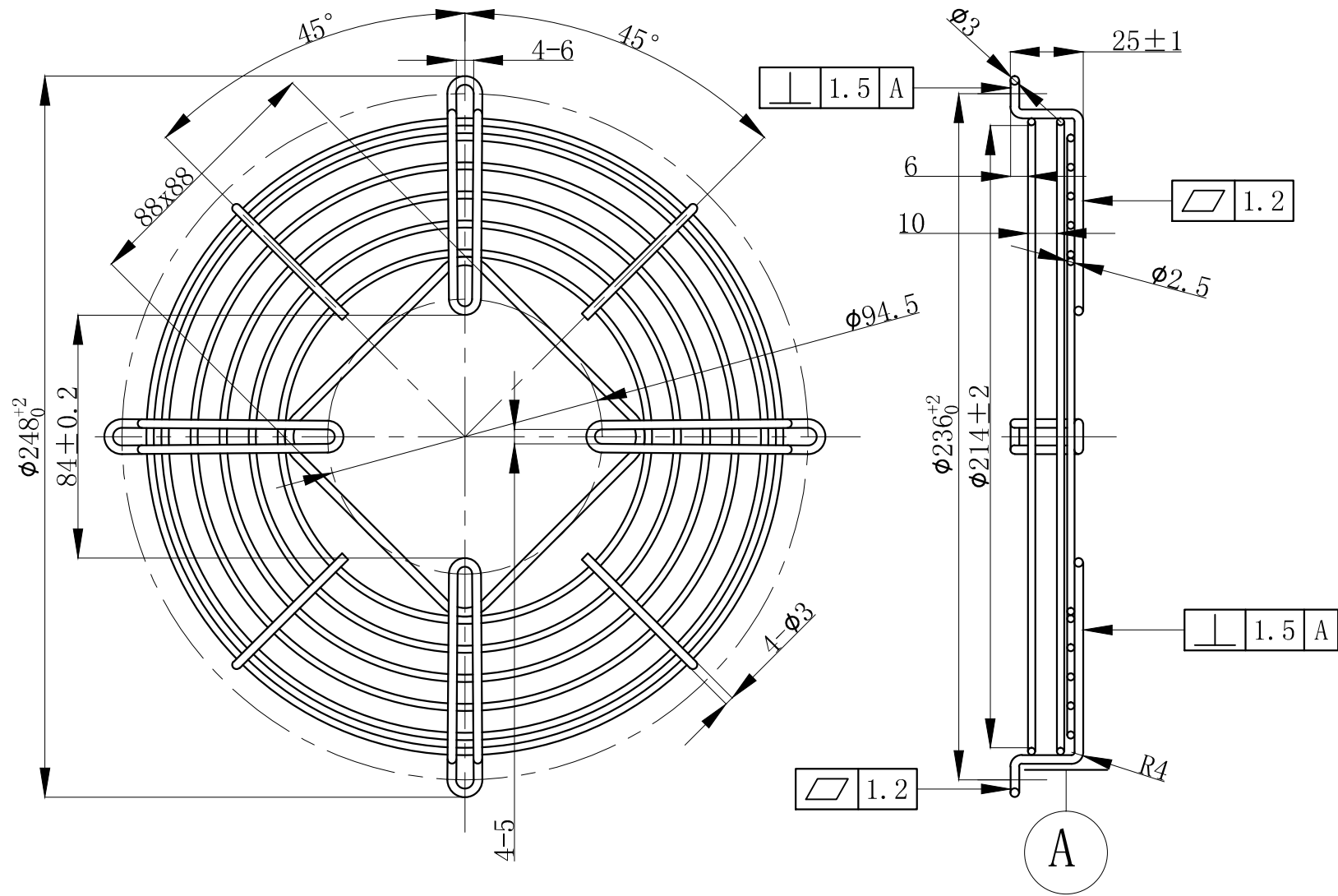
Rotation





Name





Technical requirements:

- 1.The grid difference is not more than 1mm.
- 2.solder joint is strong, no false welding, leakage welding and other phenomena.
- 3.no tolerance IT10 level.

Grid $\phi 200$ (SHADED POLE)

Q235C

ZHEJIANG MAER FAN MOTOR CO.,LTD

$\phi 200$ cover class net cover Z

借 (通) 用
件 登 记

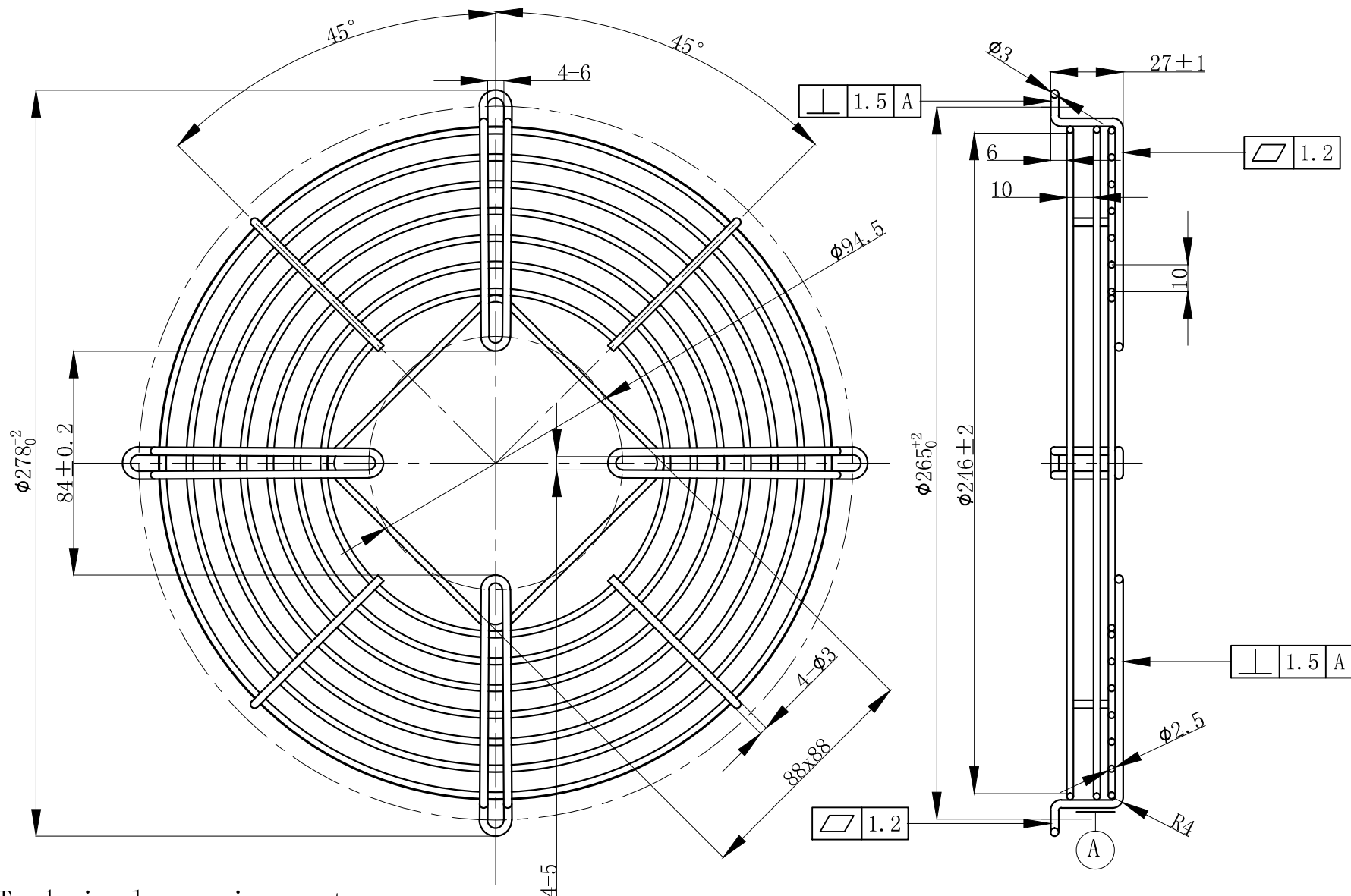
旧底图总号

底图总号

签 字

日 期

档案员 日期



Technical requirements:

- 1.The grid difference is not more than 1mm.
- 2.solder joint is strong, no false welding, leakage welding and other phenomena.
- 3.no tolerance IT10 level.

Grid $\phi 230$ (SHADED POLE)

Q235C

ZHEJIANG MAER FAN MOTOR CO.,LTD

$\phi 230$ cover class net cover Z

借 (通) 用
件 登 记

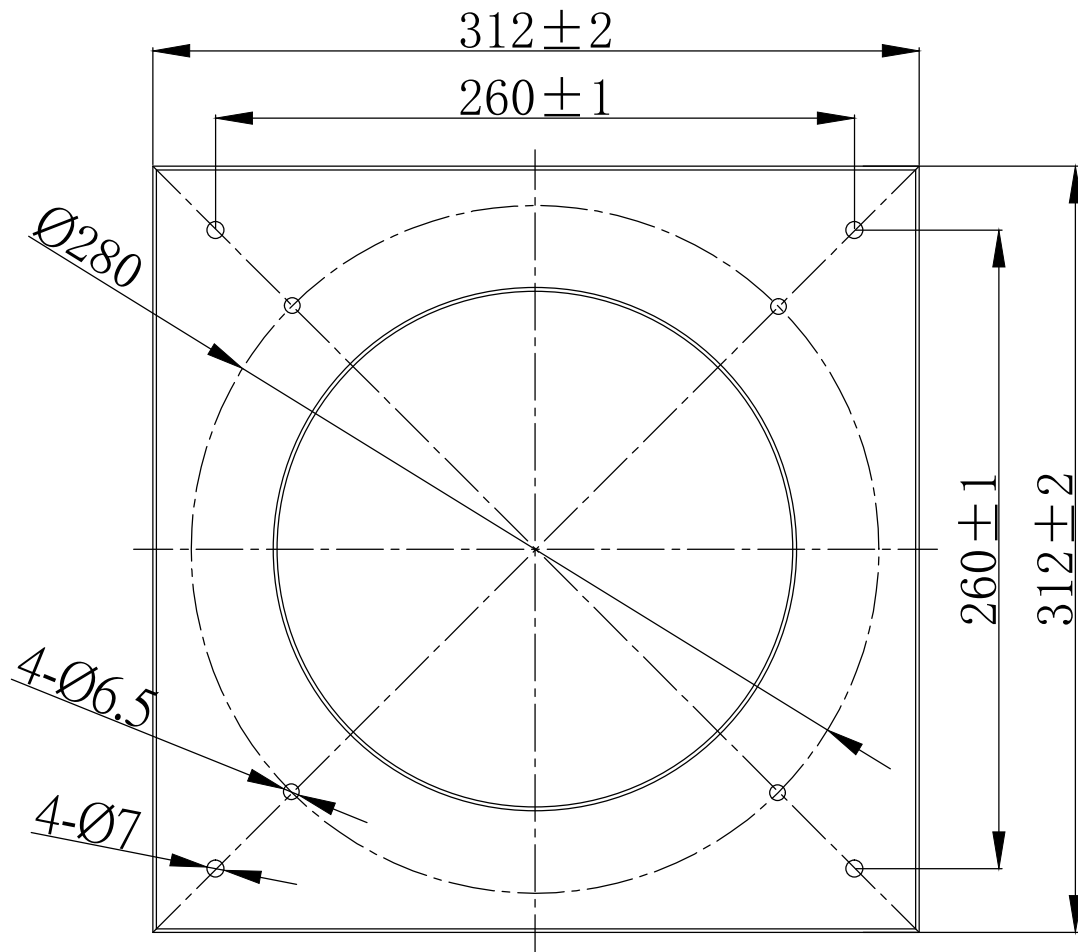
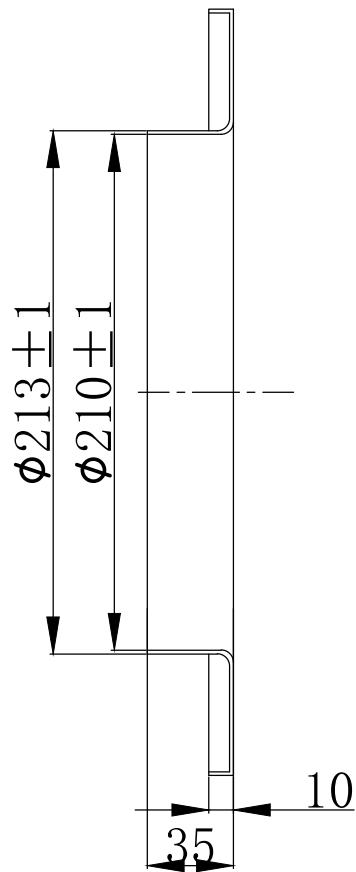
旧底图总号

底图总号

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Technical requirements:

1. sharp angle is obtuse.
2. surface shot blasting treatment.
3. no tolerance IT10 level.

$\phi 200$ Air Guide Ring
312mm X 312mm

SPCD(1.5)

ZHEJIANG MAER FAN MOTOR CO.,LTD.

$\phi 200$ Air Guide Ring

借 (通) 用
件 登 记

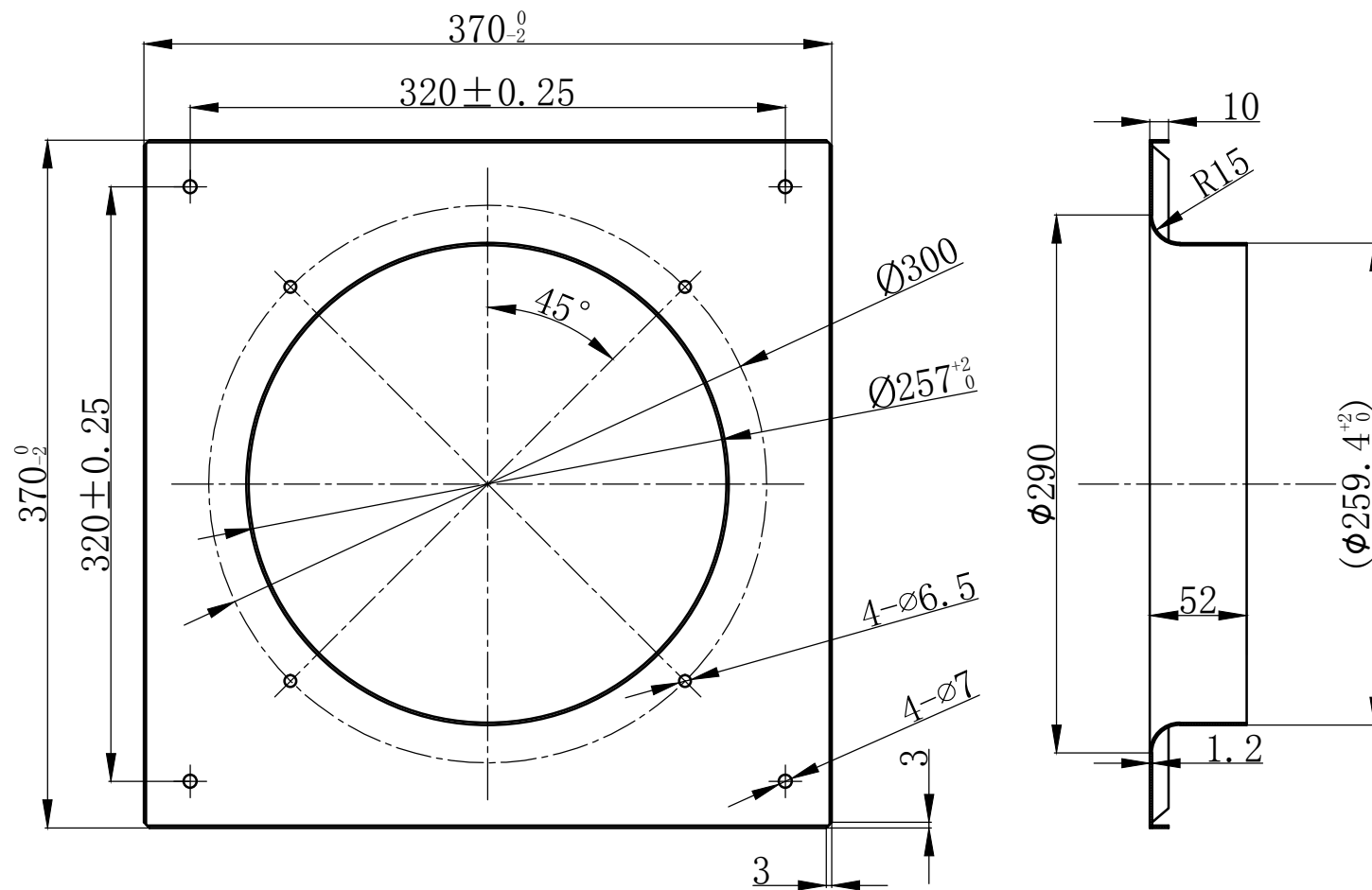
旧底图总号

底图总号

签 字

日 期

档案员 日期



Technical requirements:

1. sharp angle is obtuse.
2. surface shot blasting treatment.
3. no tolerance IT10 level.

Ø250 Air Guide Ring
370mm X 307mm

SPCD
(T=1.2)

ZHEJIANG MAER FAN MOTOR CO.,LTD.

Ø250 Air Guide Ring

借 (通) 用
件 登 记

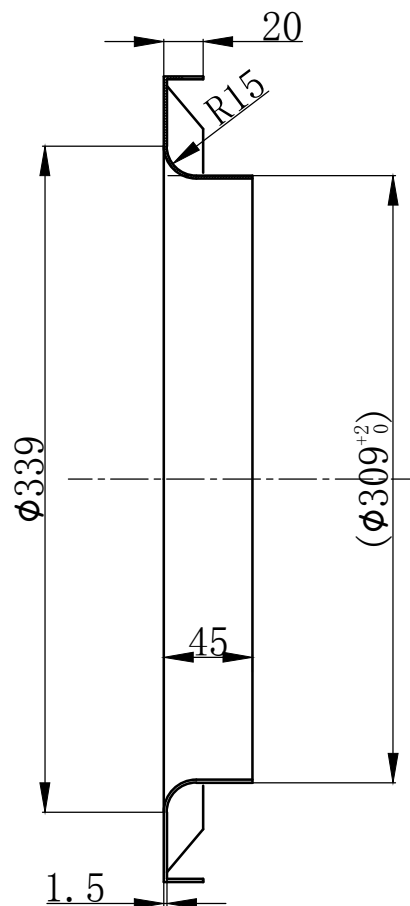
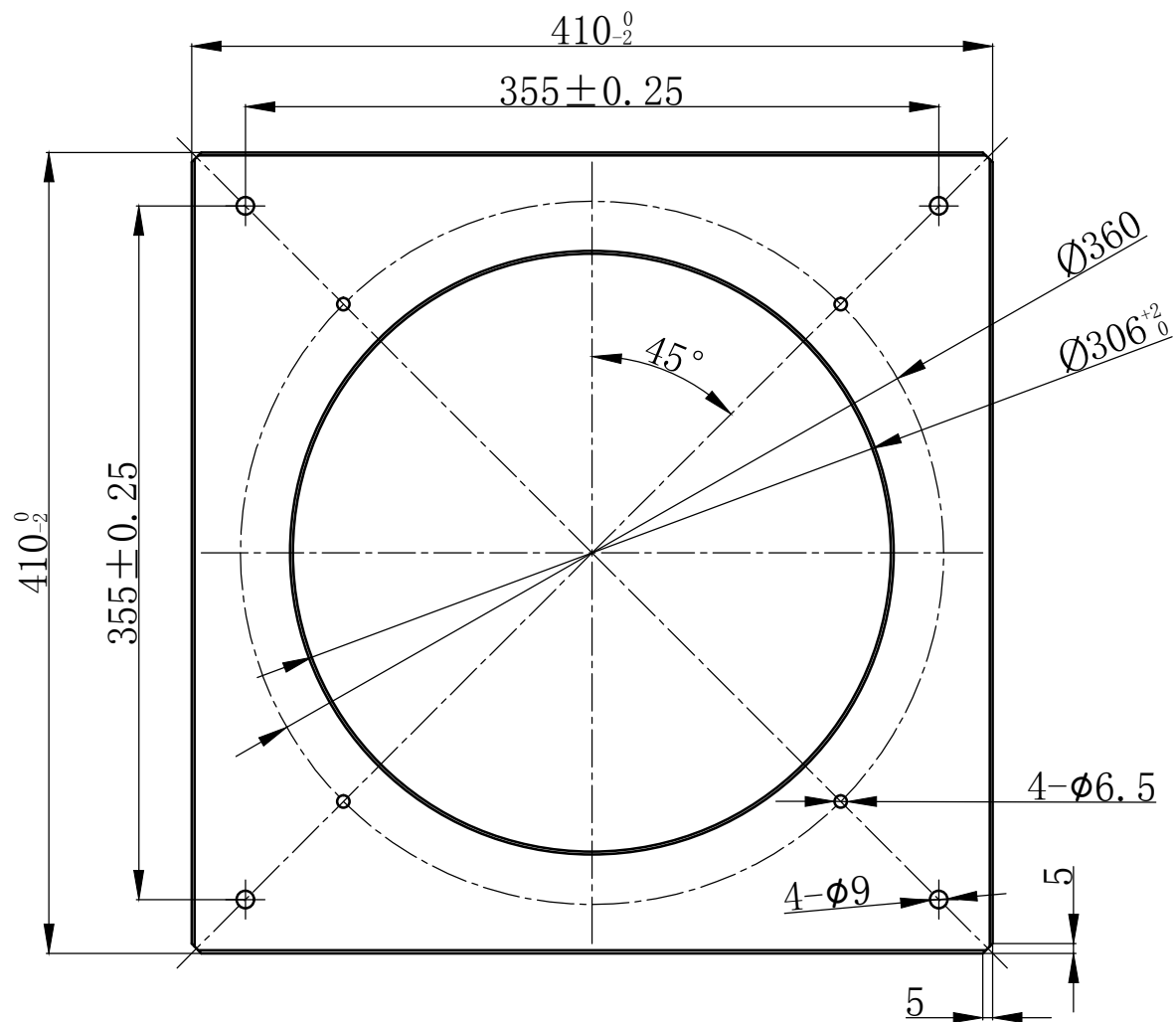
旧底图总号

底图总号

签 字

日 期

档案员 日期



Technical requirements:

1. sharp angle is obtuse.
2. surface shot blasting treatment.
3. no tolerance IT10 level.

$\phi 300$ Air Guide Ring
410mm X 410mm

SPCD
(T=1.5)

ZHEJIANG MAER FAN MOTOR CO.,LTD.

$\phi 300$ Air Guide Ring

借 (通) 用
件 登 记

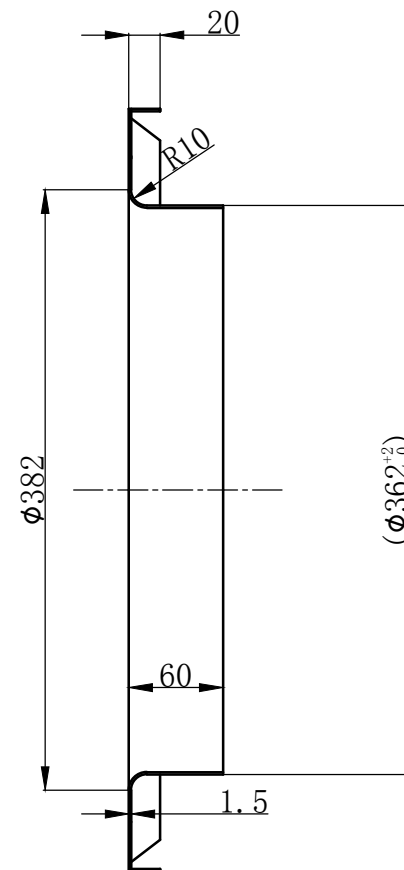
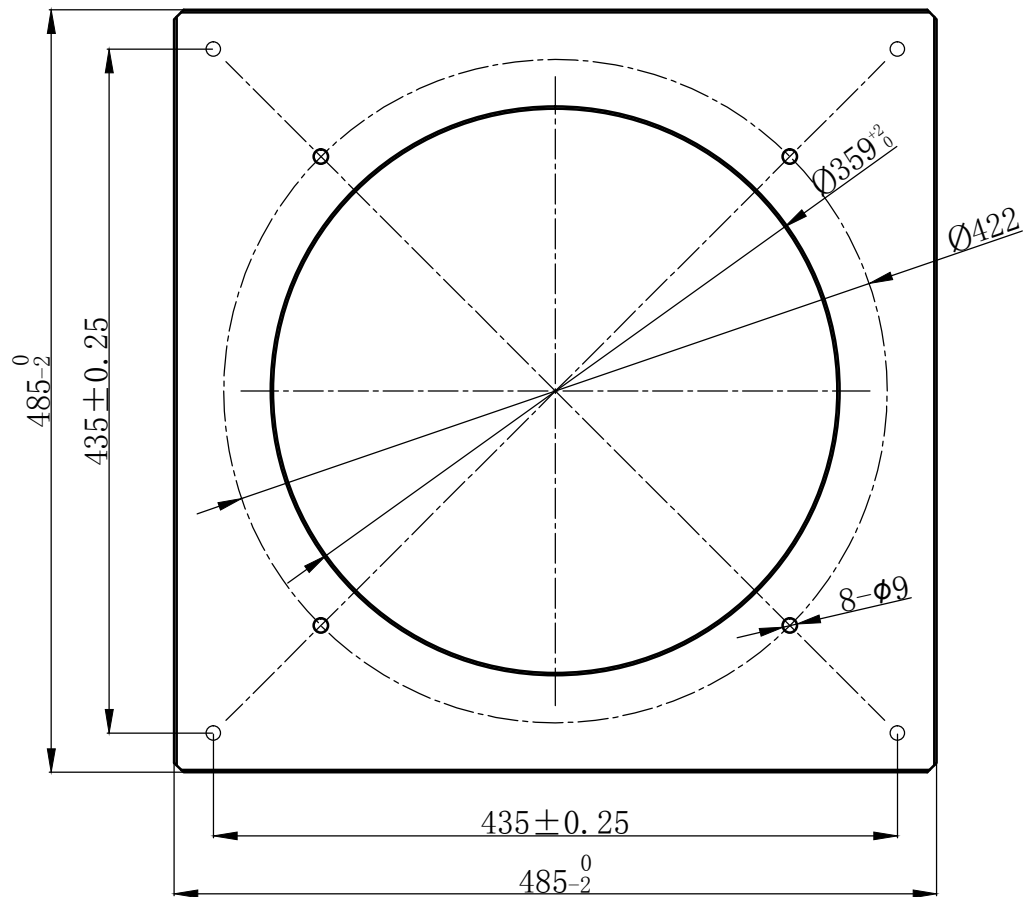
旧底图总号

底图总号

签 字

日 期

档案员 日期



Technical requirements:

1. sharp angle is obtuse.
2. surface shot blasting treatment.
3. no tolerance IT10 level.

$\phi 350$ Air Guide Ring
485mm X 485mm

SPCD
(T=1.5)

ZHEJIANG MAER FAN MOTOR CO., LTD.

$\phi 350$ Air Guide Ring

借 (通) 用
件 登 记

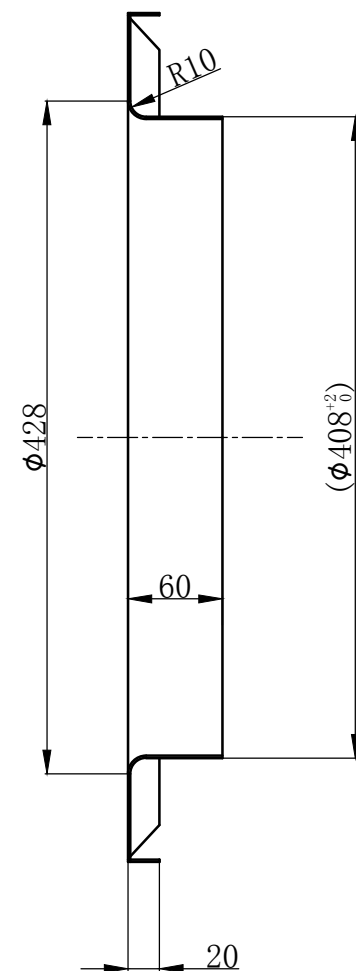
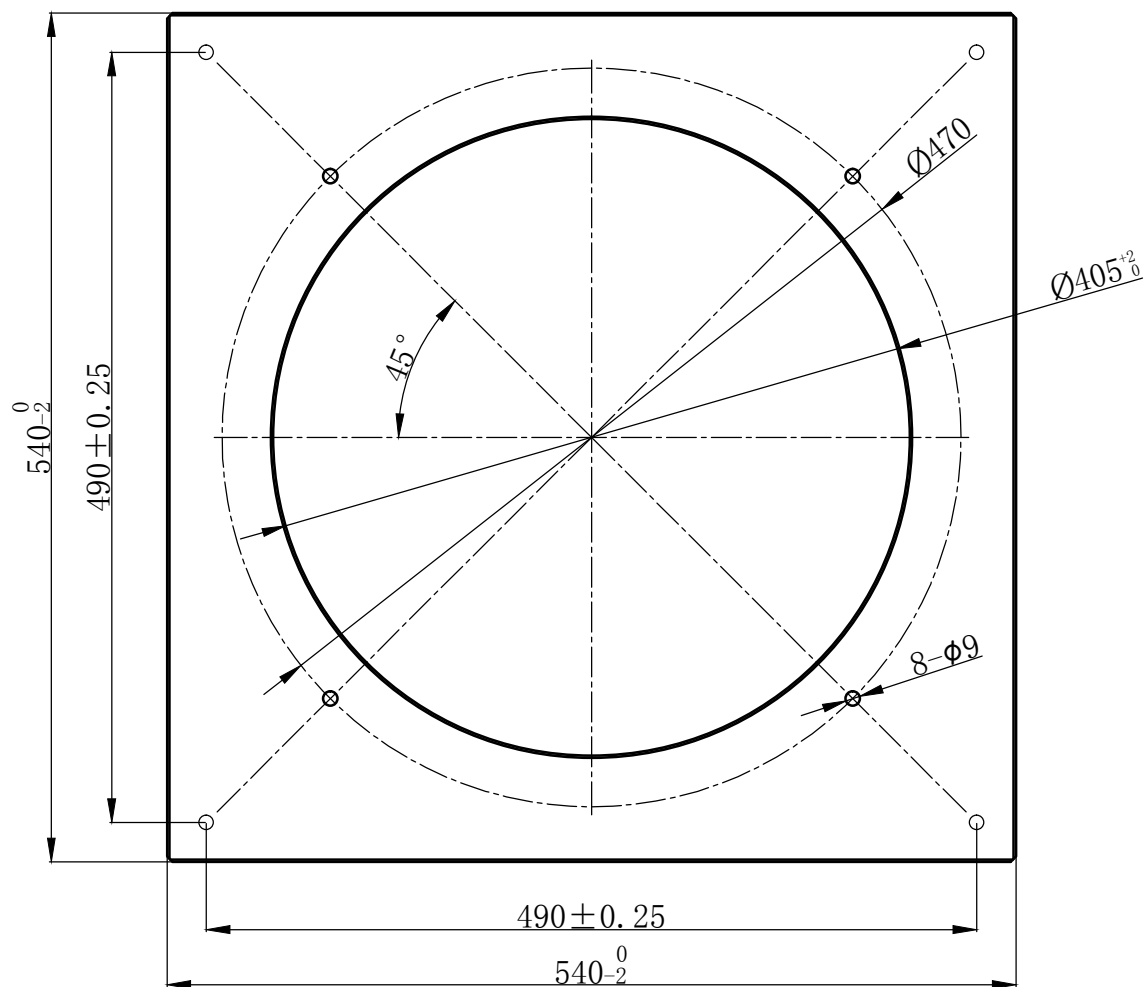
旧底图总号

底图总号

签 字

日 期

档案员 日期



Technical requirements:

1. sharp angle is obtuse.
2. surface shot blasting treatment.
3. no tolerance IT10 level.

φ400 Air Guide Ring
540mm X 540mm

SPCD
(T=1.5)

ZHEJIANG MAER FAN MOTOR CO., LTD.

φ400 Air Guide Ring

借 (通) 用
件 登 记

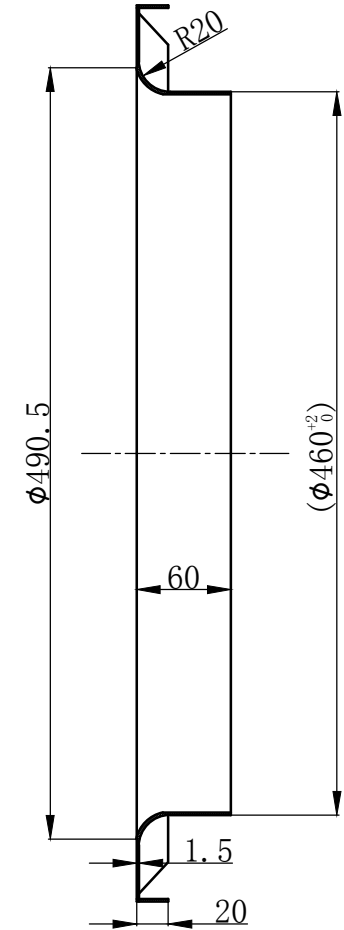
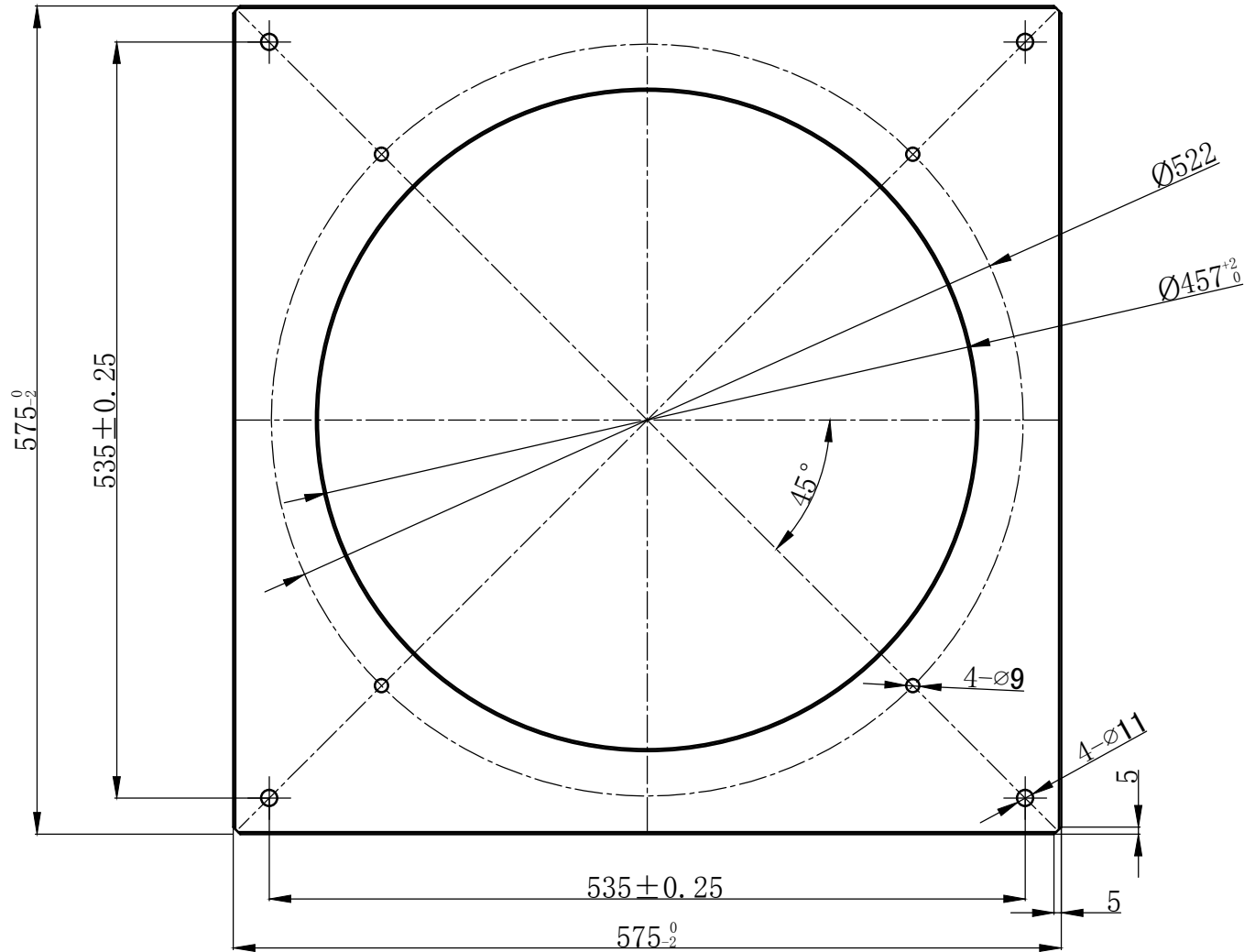
旧底图总号

底图总号

签 字

日 期

档案员 日期



Technical requirements:

1. sharp angle is obtuse.
2. surface shot blasting treatment.
3. no tolerance IT10 level.

φ450 Air Guide Ring
575mm X 575mm

SPCD
(T=1.5)

ZHEJIANG MAER FAN MOTOR CO., LTD.

φ450 Air Guide Ring

借 (通) 用
件 登 记

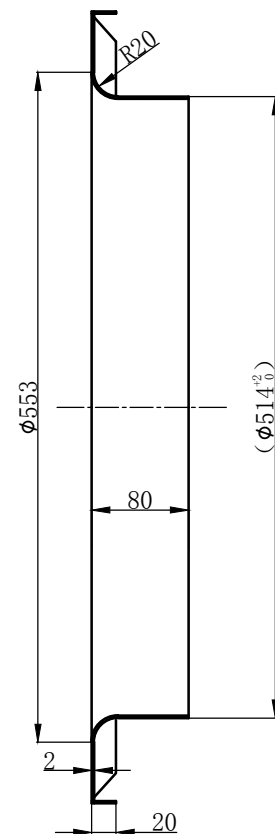
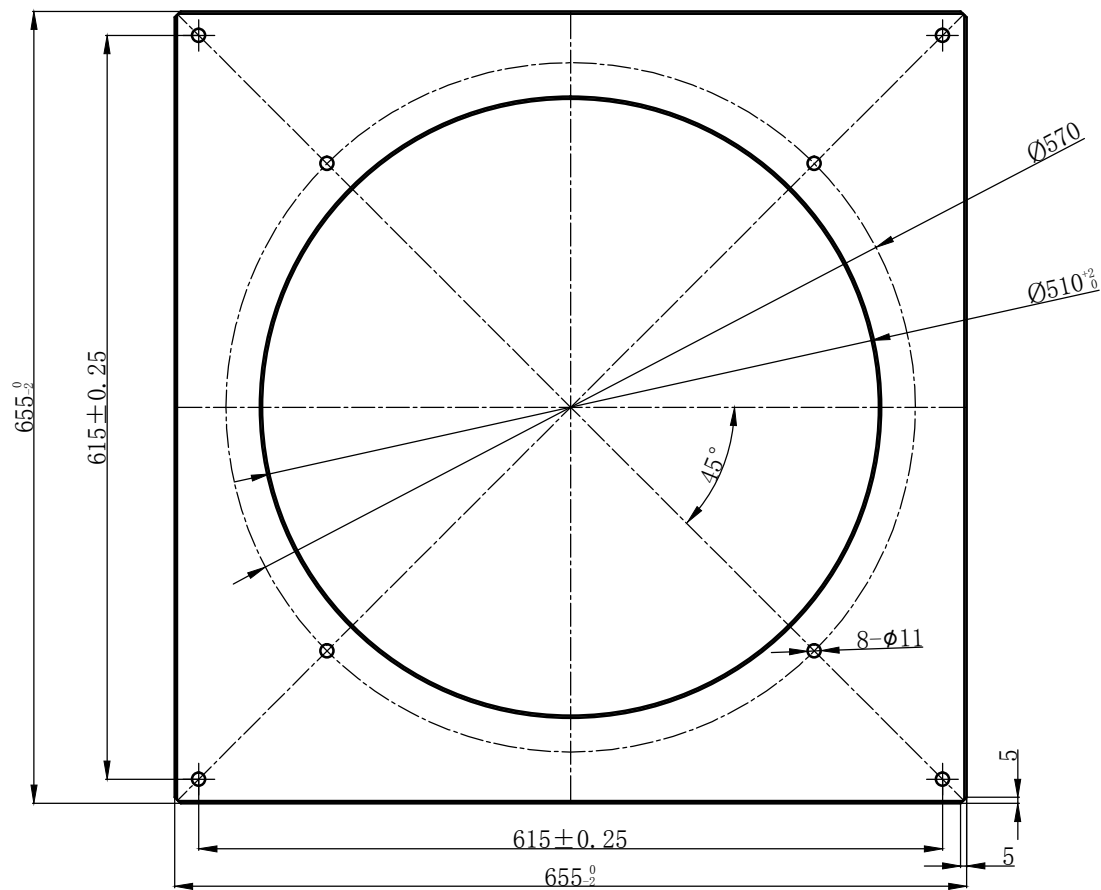
旧底图总号

底图总号

签 字

日 期

档案员 日期



φ500 Air Guide Ring
655mm X 655mm

Technical requirements:

1. sharp angle is obtuse.
2. surface shot blasting treatment.
3. no tolerance IT10 level.

SPCD
(T=2.0)

ZHEJIANG MAER FAN MOTOR CO., LTD

φ500 Air Guide Ring

借 (通) 用
件 登 记

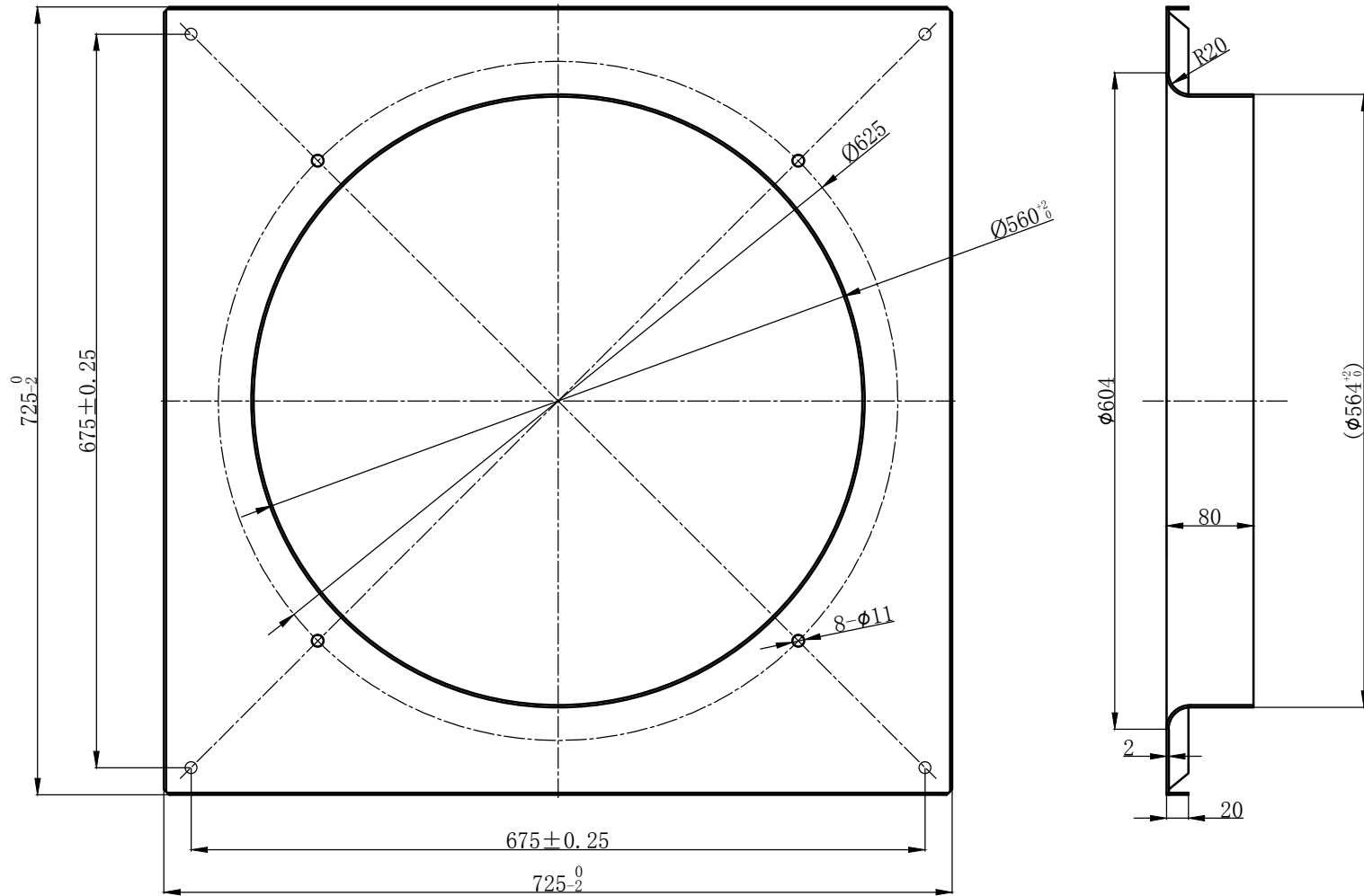
旧底图总号

底图总号

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550 Air Guide Ring
725mm X 725mm

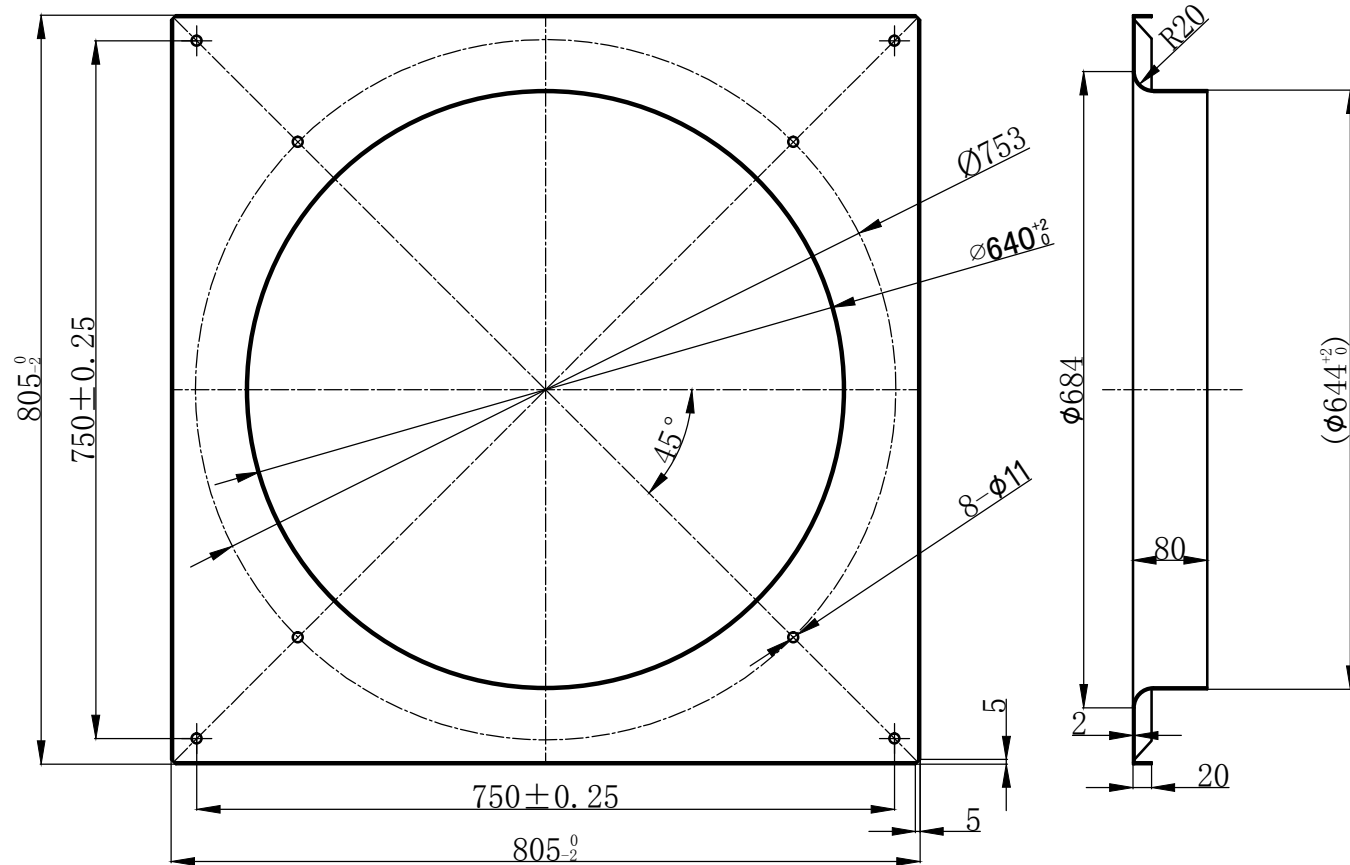
Technical requirements:

1. sharp angle is obtuse.
2. surface shot blasting treatment.
3. no tolerance IT10 level.

SPCD
(736X736X2.0)

ZHEJIANG MAER FAN MOTOR CO.,LTD

550 Air Guide Ring



Ø630 Air Guide Ring
805mm X 805mm

Technical requirements:

1. sharp angle is obtuse.
2. surface shot blasting treatment.
3. no tolerance IT10 level.

SPCD
(T=2.0)

ZHEJIANG MAER FAN MOTOR CO.,LTD

Ø630 Air Guide Ring

借 (通) 用
件 登 记

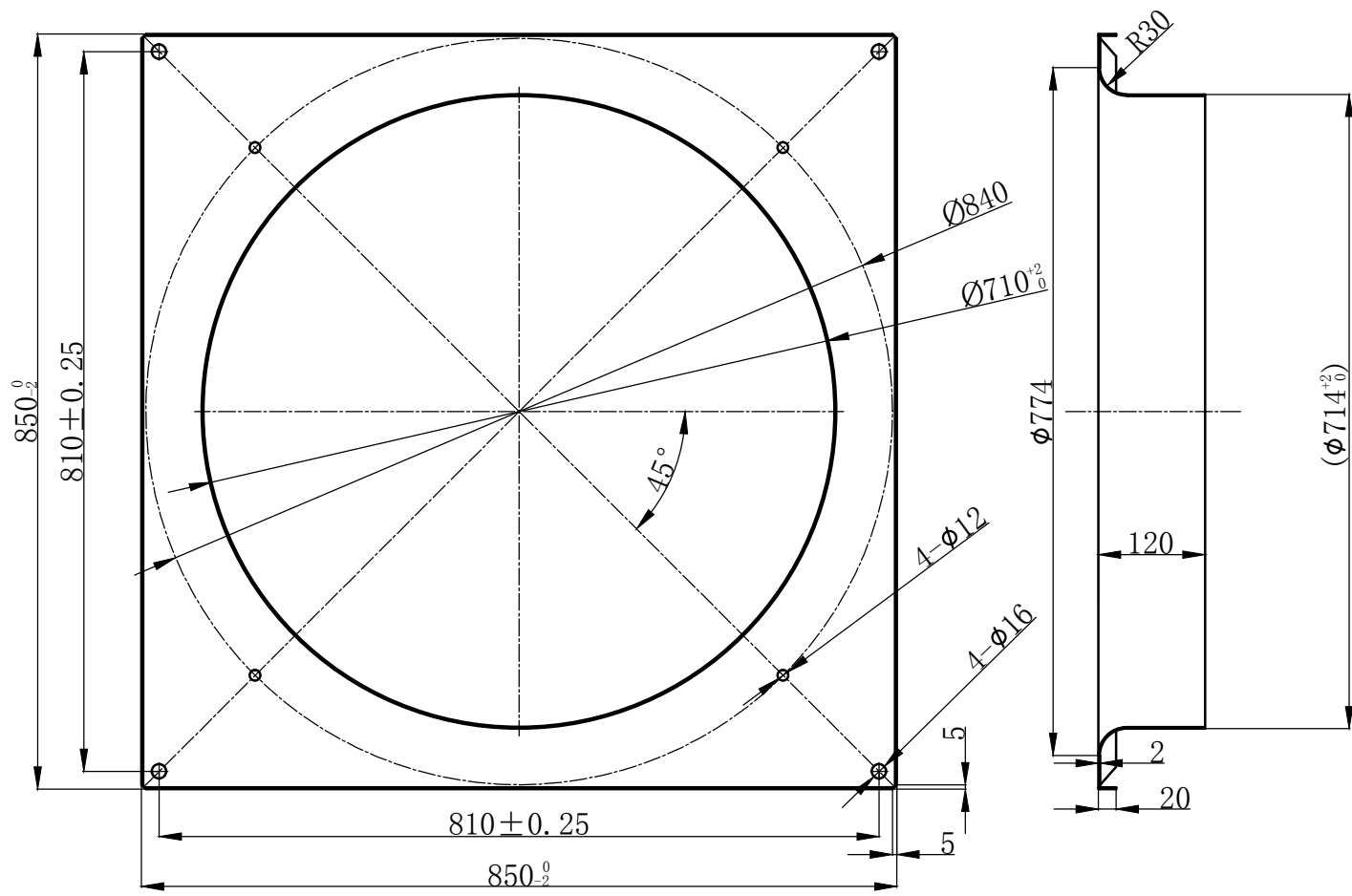
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底图总号

签 字

日 期

档案员 日期

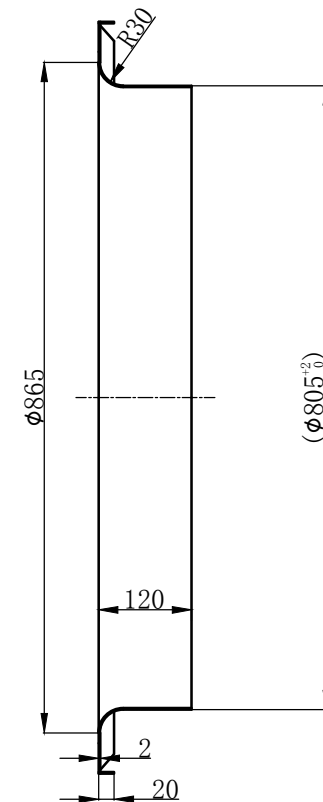
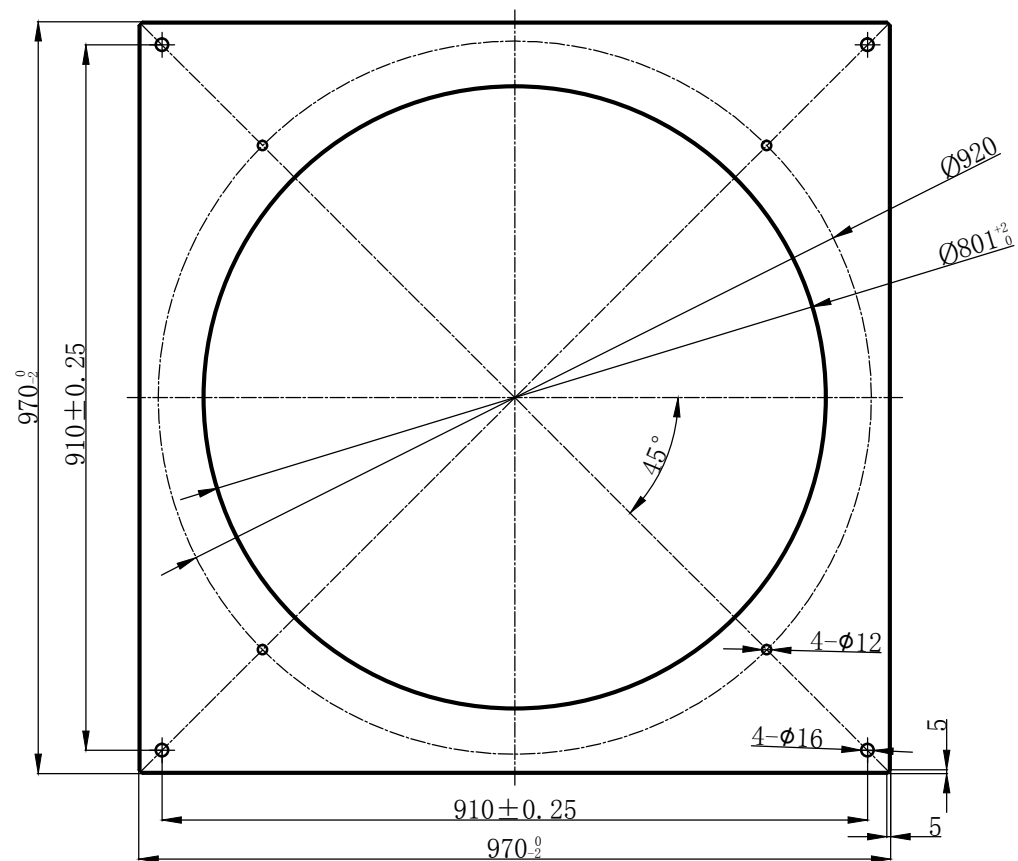


Ø710 Air Guide Ring
850mm X 850mm

- Technical requirements:
1. sharp angle is obtuse.
 2. surface shot blasting treatment.
 3. no tolerance IT10 level.

SPCD (T=2.0)	ZHEJIANG MAER FAN MOTOR CO.,LTD
	Ø710 Air Guide Ring

借 (通) 用 件 登 记	
旧底图总号	
底图总号	
签 字	
日 期	
档案员	日期



ø800 Air Guide Ring
970mm X 970mm

Technical requirements:

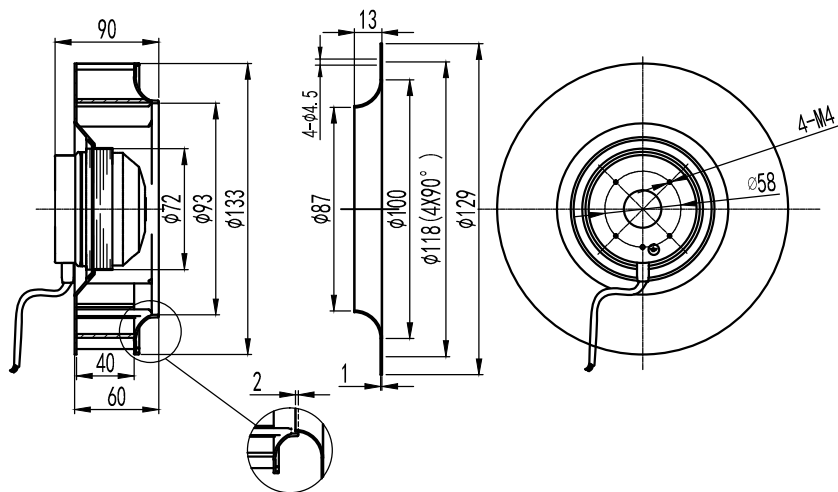
1. sharp angle is obtuse.
2. surface shot blasting treatment.
3. no tolerance IT10 level.

SPCD
(T=2.0)

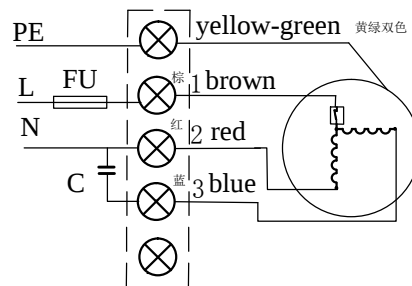
ZHEJIANG MAER FAN MOTOR CO., LTD.

ø800 Air Guide Ring

借件	(通) 用
登	记
旧底图总号	
底图总号	
签 字	
日 期	
档案员	日期



Wiring diagram:

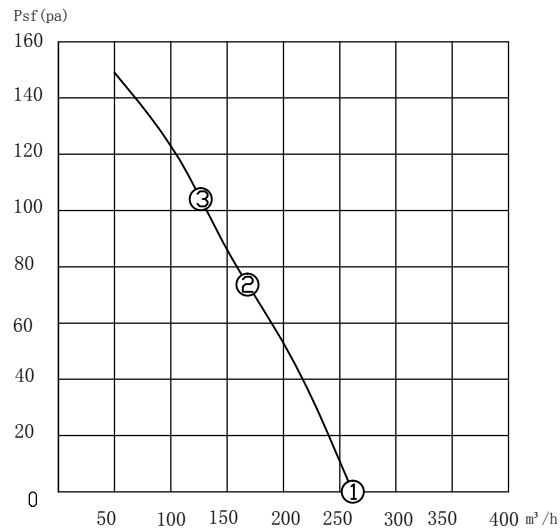


Technical specification:

- All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- The safety requirement of fan is performed according to GB12350-2000, the electrical strength is 1800Vmin, and the insulation resistance is not less than 100M at room temperature.
- Motor insulation class, F CLASS.
- Motor protection level, IP44, fan protection level, IP2X.
- The fan balance level is: $2610 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.

Nameplate:

YDWF52L20P2-B133X60 1~220V/50Hz 1.5μF/450V
33W 0.15A 2626r/min @ 107Pa
CL.F IP44 2018/07



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	Psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.14	32	2691	275	
②	71	0.14	33	2643	207	
③	107	0.15	33	2626	163	IMAX

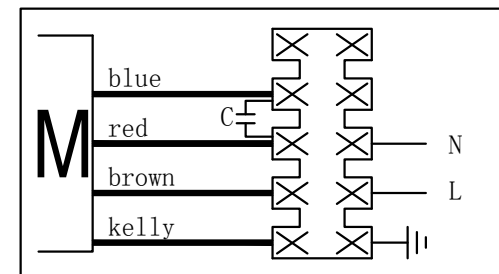


Product model	YDWF52L20P2-B133X60
Product type	External rotor axial flow fan
Customer	
Product number	MAER-20160101
Certification	CE、CCC

Condition of use:

- voltage and frequency: $1 \sim 230 V \pm 5\%$, 50 Hz。
- Lead cable: Lead out wire, recommended lead wire length not less than m.
- Installation position: vertical or upward.
- Ambient temperature: $-25 \sim 45^{\circ}\text{C}$ 。

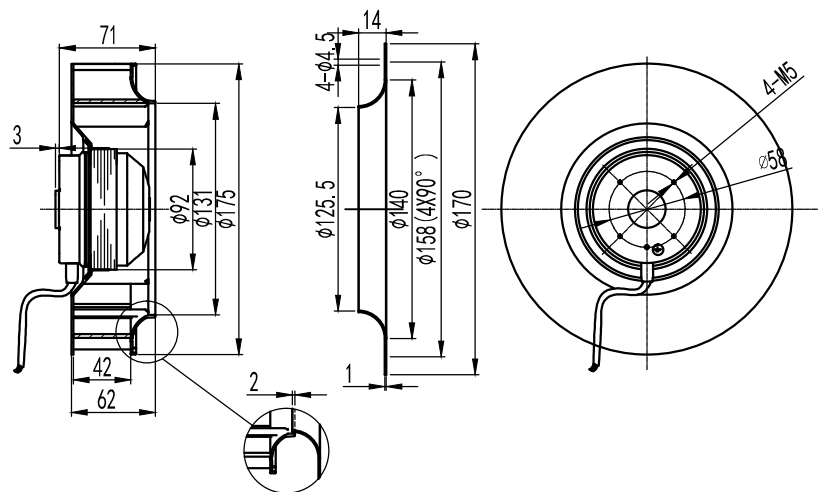
The external wiring diagram:



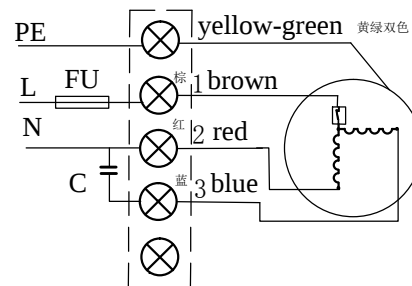
Test data at free :

connection	UAC (V) $\pm 5\%$	F (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noise dB(A)
	1~230	50	30	0.14	2610	55

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	Deliver before		
	After re confirmation		
Drawing			Product Specification
Audit			
Approval			



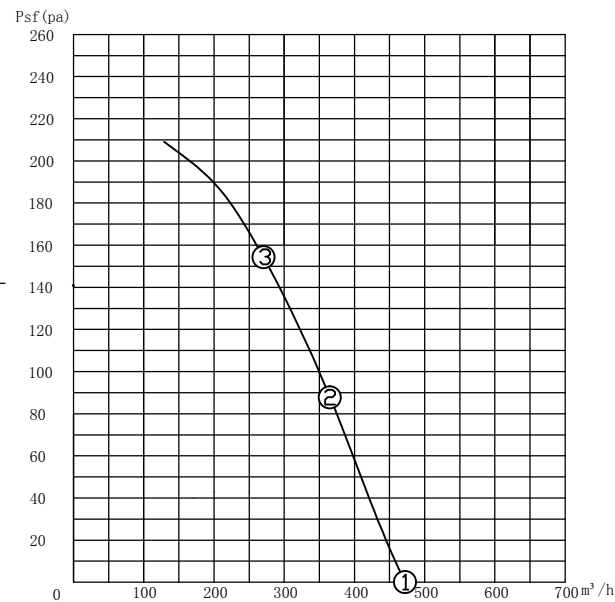
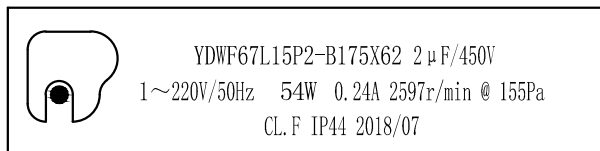
Wiring diagram:



Technical specification:

- 1.All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- 2.Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- 3.The safety requirement of fan is performed according to GB12350-2000, the electrical strength is 1800Vmin, and the insulation resistance is not less than 100M at room temperature.
- 4.Motor insulation class, F CLASS.
- 5.Motor protection level, IP44, fan protection level, IP2X.
- 6.The fan balance level is: $2734 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.

Nameplate:



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	Psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.22	51	2691	472	
②	86	0.23	53	2626	368	
③	155	0.24	54	2597	269	IMAX

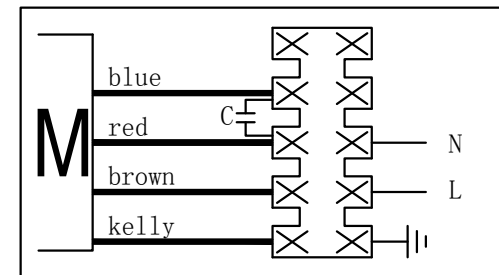


Product model	YDWF67L15P2-175X62
Product type	External rotor axial flow fan
Customer	
Product number	MAER-20160102
Certification	CE、CCC

Condition of use:

- 1) voltage and frequency: $1 \sim 230 \text{ V} \pm 5\%$, 50/60 Hz。
- 2) Lead cable: Lead out wire, the recommended length of lead line, not less than 1.5 m
- 3) Installation position: vertical or upward.
- 4) Ambient temperature: $-25 \sim 80^\circ\text{C}$.

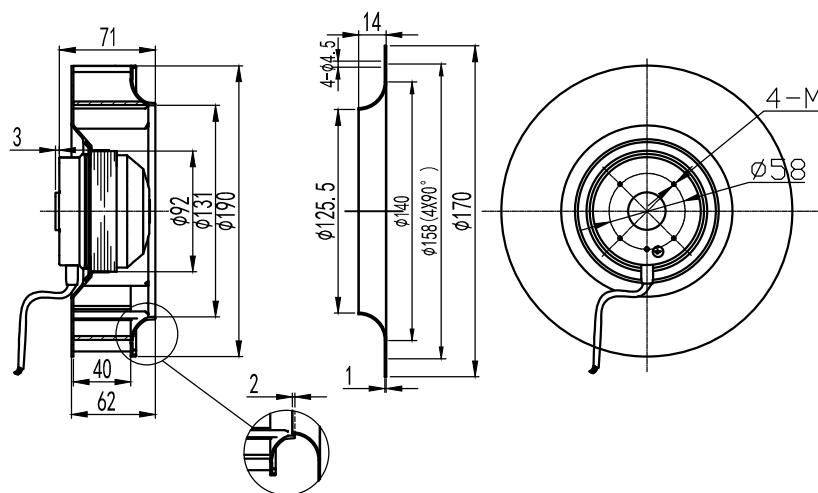
The external wiring diagram:



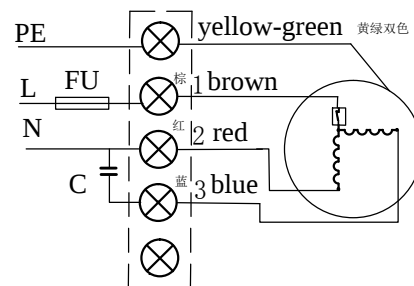
Test data at free :

connection	UAC (V) $\pm 5\%$	F (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noi dB(A)
	1~230	50	51	0.23	2734	65

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	Deliver before		
	After re confirmation		
Drawing			Product Specification
Audit			
Approval			



Wiring diagram:

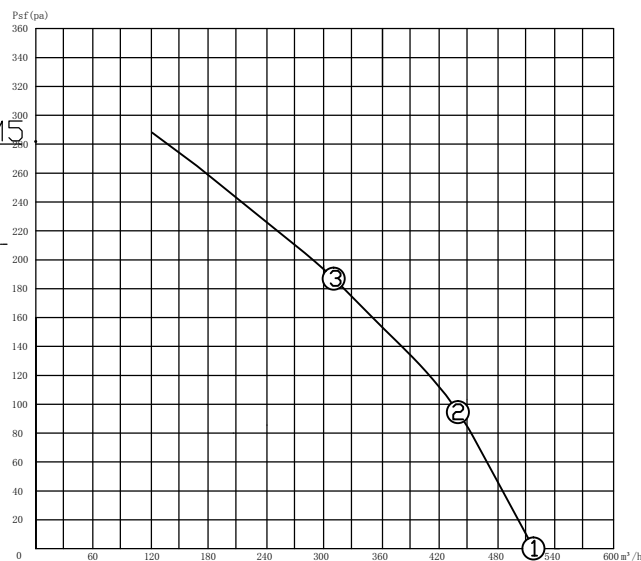


Technical specification:

- 1.All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- 2.Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- 3.The safety requirement of fan is performed according to GB12350-2000, the electrical strength is 1800Vmin, and the insulation resistance is not less than 100M at room temperature.
- 4.Motor insulation class, F CLASS.
- 5.Motor protection level, IP44, fan protection level, IP2X.
- 6.The fan balance level is: $2513 \pm 10\%$ r/min high than G6.3,vibration value is less than 5.4mm/s.

Nameplate:

YDWF67L15P2-B190X62 1~220V/50Hz 2μF/450V
62W 0.27A 2419r/min @ 188Pa
CL.F IP44 2018/07



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	Psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.25	57	2513	517	
②	94	0.26	59	2476	437	
③	188	0.27	62	2419	308	IMAX

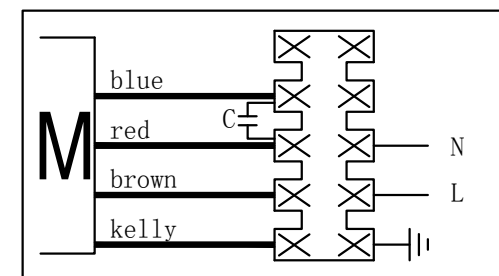


Product model	YDWF67L15P2-190X62
Product type	External rotor axial flow fan
Customer	
Product number	MAER-20160102
Certification	CE、CCC

Condition of use:

- 1) voltage and frequency: $1 \sim 230 \text{ V} \pm 5\%$, 50 Hz。
- 2) Lead cable:length
- 3) Installation position: vertical or upward.
- 4) Ambient temperature: $-25 \sim 50^{\circ}\text{C}$ 。

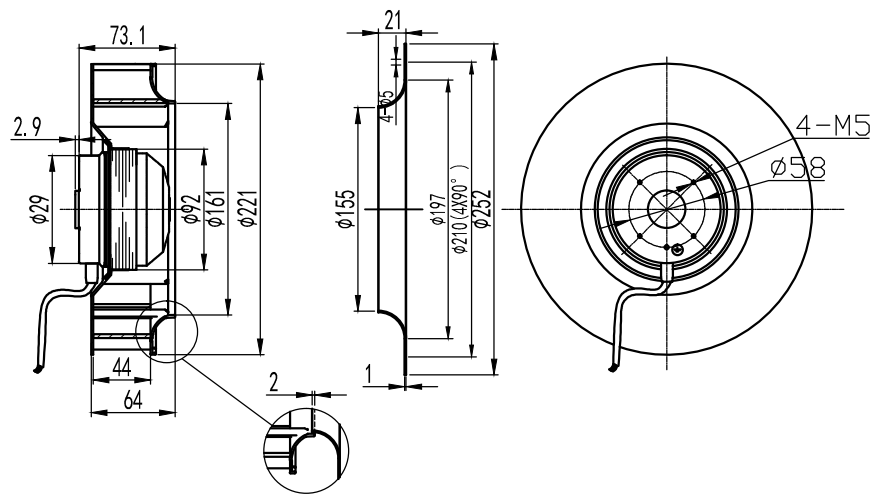
The external wiring diagram:



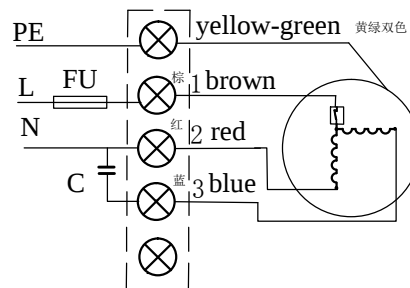
Test data at free :

connection	UAC (V)±5%	F (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	1~230	50	58	0.25	2513	65

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO.,LTD.
state	Deliver before		
	After re confirmation		
Drawing			Product Specification
Audit			
Approval			



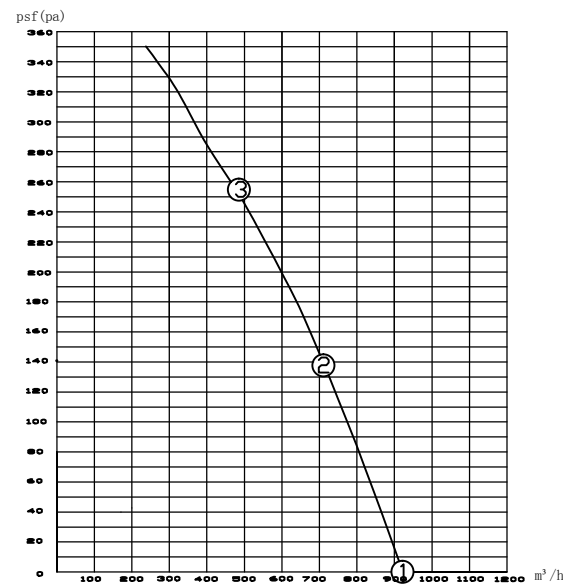
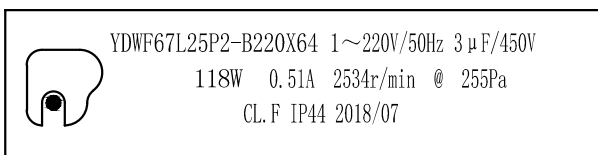
Wiring diagram:



Technical specification:

- 1.All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- 2.Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- 3.The safety requirement of fan is performed according to GB12350-2000, the electrical strength is 1800Vmin, and the insulation resistance is not less than 100M at room temperature.
- 4.Motor insulation class, F CLASS.
- 5.Motor protection level, IP44, fan protection level, IP2X.
- 6.The fan balance level is: $2490 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.

Nameplate:



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	Psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	0.44	99	2679	922	
②	138	0.48	109	2601	711	
③	255	0.51	118	2534	477	IMAX

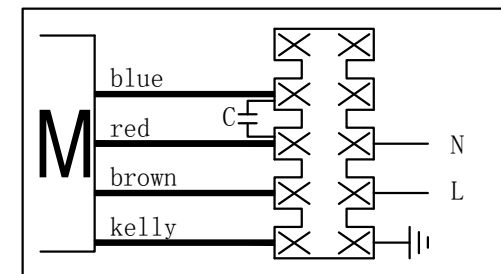


Product model	YDWF67L25P2-B220X64
Product type	External rotor axial flow fan
Customer	
Product number	MAER-1604250
Certification	CE、CCC

Condition of use:

- 1) voltage and frequency: $1 \sim 230 \text{ V} \pm 5\%$, 50 Hz
- 2) Lead cable: length
- 3) Installation position: vertical or upward.
- 4) Ambient temperature: $-25 \sim 55^\circ\text{C}$.

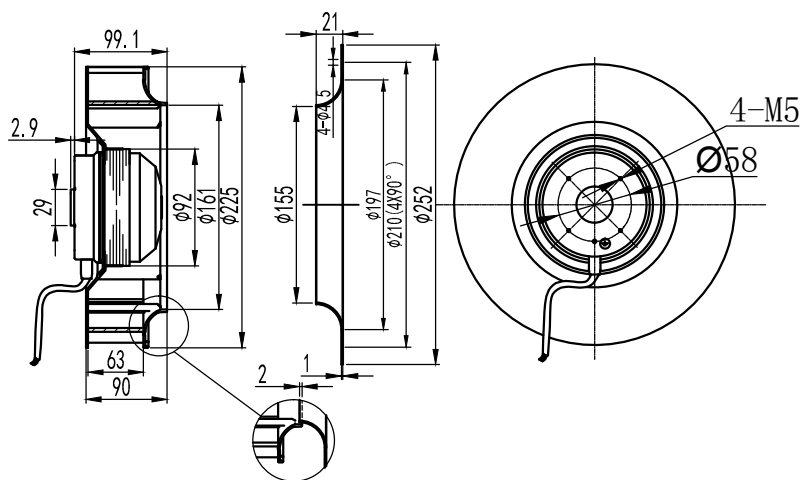
The external wiring diagram:



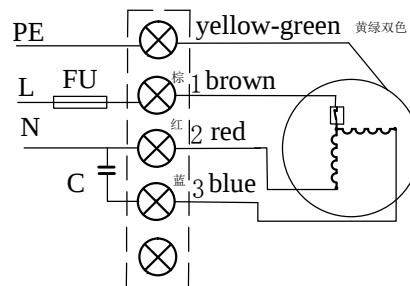
Test data at free :

connection	UAC (V) $\pm 5\%$	F (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noise dB(A)
1~230	50	100	0.44	2679	69	

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	Deliver before		
	After re confirmation		
Drawing			Product Specification
Audit			
Approval			

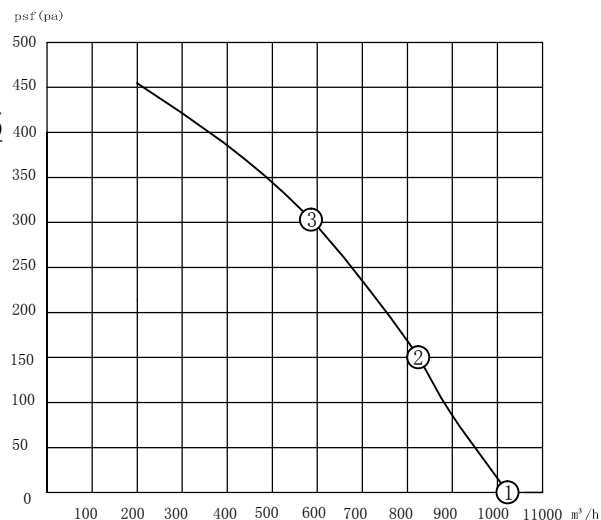


Wiring diagram:



Technical specification:

- 1.All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- 2.Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- 3.The safety requirement of fan is performed according to GB12350-2000, the electrical strength is 1800Vmin, and the insulation resistance is not less than 100M at room temperature.
- 4.Motor insulation class, F CLASS.
- 5.Motor protection level, IP44, fan protection level, IP2X.
- 6.The fan balance level is: $2800 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	Psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	0.57	131	2798	1023	
②	149	0.64	147	2734	825	
③	303	0.72	163	2671	586	IMAX
④						

Nameplate:

	YDWF67L35P2-B225X90	1~220V/50Hz	4 μF/450V
	163W	0.72A	2671r/min @ 303Pa
	CL.F	IP44	2018/07

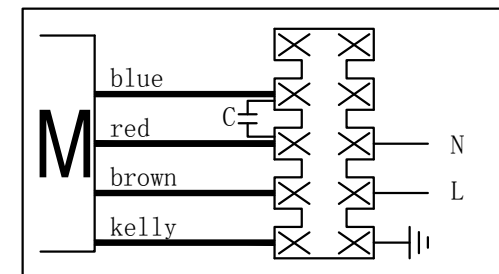


Product model	YDWF67L35P2-B225X90
Product type	External rotor axial flow fan
Customer	
Product number	MAER-1604265
Certification	CE、CCC

Condition of use:

- 1) voltage and frequency: $1 \sim 230 \text{ V} \pm 5\%$, 50 Hz
- 2) Lead cable: length
- 3) Installation position: vertical or upward.
- 4) Ambient temperature: $-25 \sim 55^\circ\text{C}$.

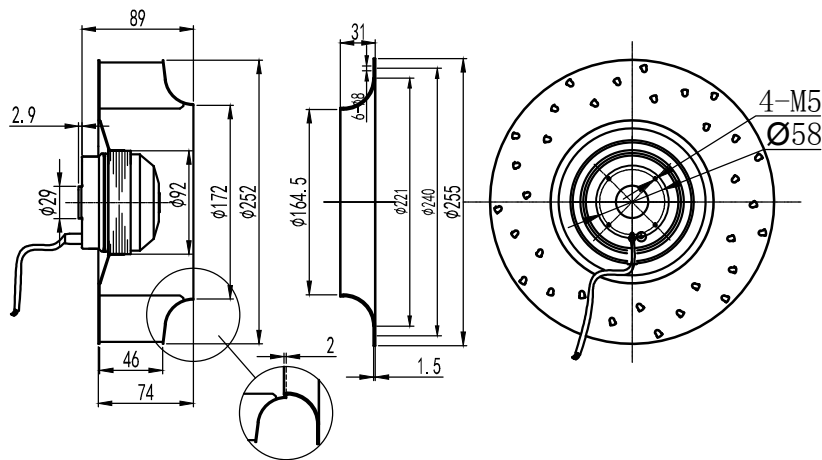
The external wiring diagram:



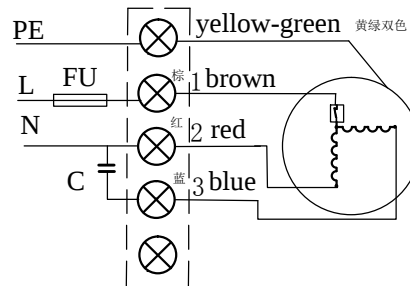
Test data at free :

connection	UAC (V) $\pm 5\%$	F (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noi dB(A)
	1~230	50	126	0.55	2800	69

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	Deliver before		Product Specification
	After re confirmation		
Drawing			
Audit			
Approval			

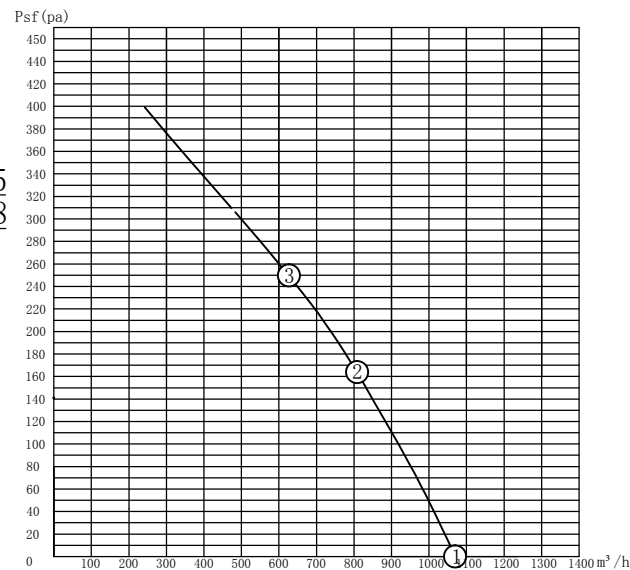


Wiring diagram:



Technical specification:

- 1.All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- 2.Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- 3.The safety requirement of fan is performed according to GB12350-2000, the electrical strength is 1800Vmin, and the insulation resistance is not less than 100M at room temperature.
- 4.Motor insulation class, F CLASS.
- 5.Motor protection level, IP44, fan protection level, IP2X.
- 6.The fan balance level is: $2541 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.

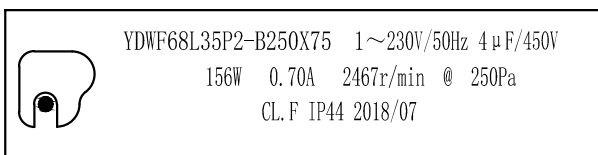


PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	Psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.53	120	2687	1070	
②	165	0.64	145	2541	804	
③	250	0.68	156	2467	625	IMAX

Nameplate:

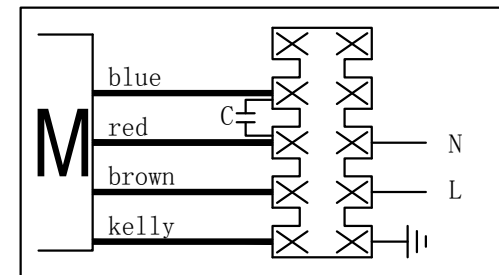


Product model	YDWF67L35P2-B250X75
Product type	External rotor axial flow fan
Customer	
Product number	MAER-1604265
Certification	CE、CCC

Condition of use:

- 1) voltage and frequency: $1 \sim 230 \text{ V} \pm 5\%$, 50 Hz
- 2) Lead cable: length
- 3) Installation position: vertical or upward.
- 4) Ambient temperature: $-25 \sim 55^\circ\text{C}$.

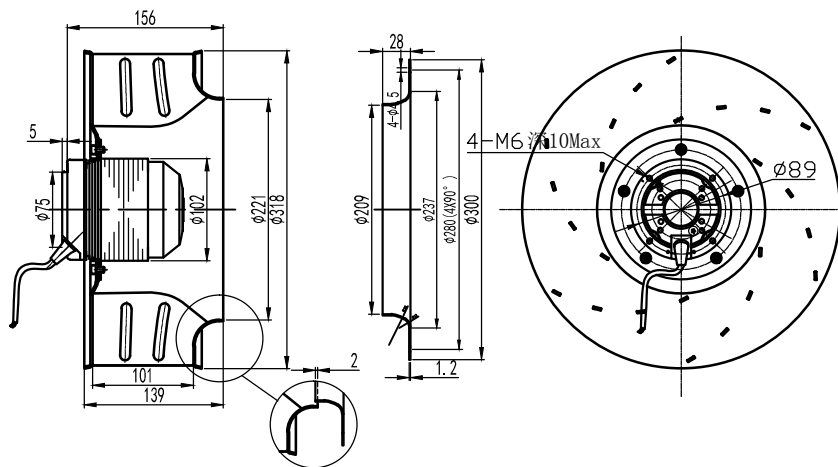
The external wiring diagram:



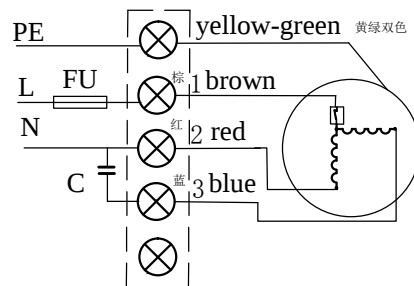
Test data at free :

connection	UAC (V) $\pm 5\%$	F (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noise dB(A)
	1~230	50	145	0.64	2541	71

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	Deliver before		
	After re confirmation		
Drawing			Product Specification
Audit			
Approval			



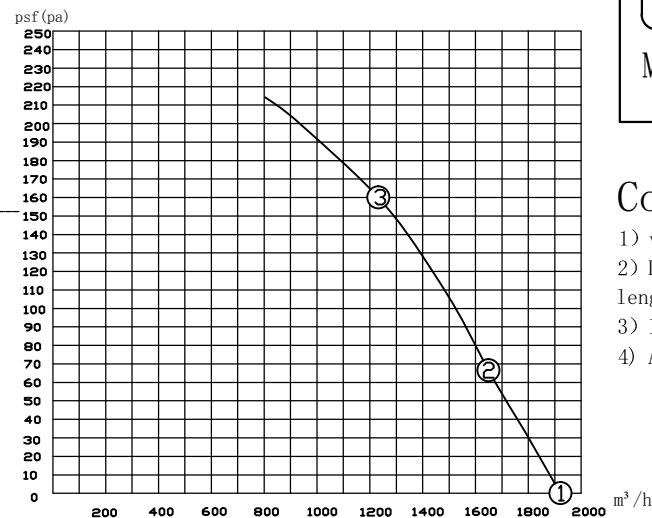
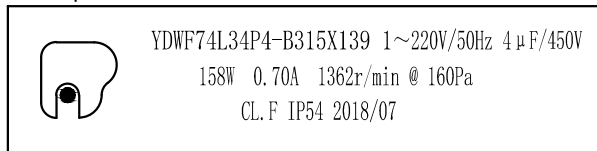
Wiring diagram:



Technical specification:

- 1.All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- 2.Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- 3.The safety requirement of fan is performed according to GB12350-2000, the electrical strength is 1800Vmin, and the insulation resistance is not less than 100M at room temperature.
- 4.Motor insulation class, F CLASS.
- 5.Motor protection level, IP54, fan protection level, IP2X.
- 6.The fan balance level is: $1372 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.

Nameplate:



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	Psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.60	134	1410	1923	
②	65	0.64	143	1390	1655	
③	160	0.70	158	1362	1249	IMAX

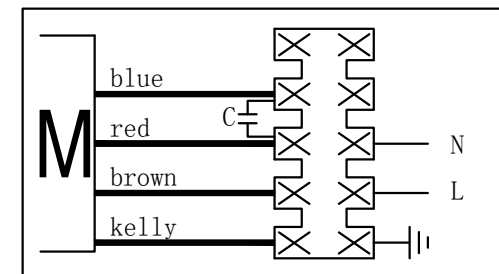


Product model	YDWF74L34P4-B315X139
Product type	External rotor axial flow fan
Customer	
Product number	MAER-20160101
Certification	CE、CCC

Condition of use:

- 1) voltage and frequency: $1 \sim 220 V \pm 5\%$, 50 Hz。
- 2) Lead cable: Lead out wire, recommended lead wire length not less than 1 m.
- 3) Installation position: vertical or upward.
- 4) Ambient temperature: $-25 \sim 45^{\circ}\text{C}$.

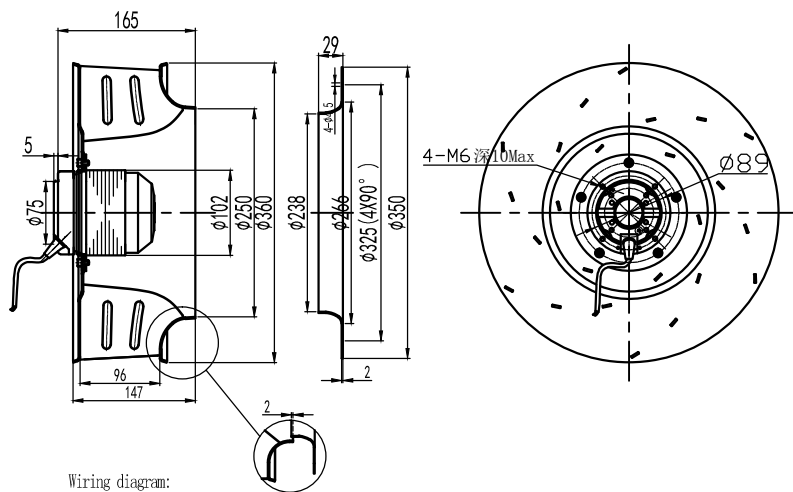
The external wiring diagram:



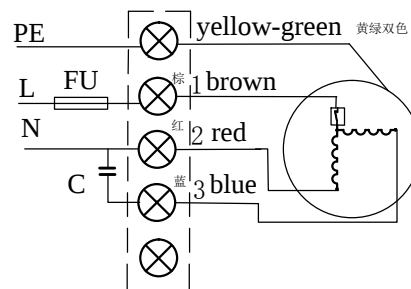
Test data at free :

connection	UAC (V) $\pm 5\%$	F (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noise dB(A)
	1~220	50	153	0.68	1372	55

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	Deliver before		
	After re confirmation		
Drawing			Product Specification
Audit			
Approval			



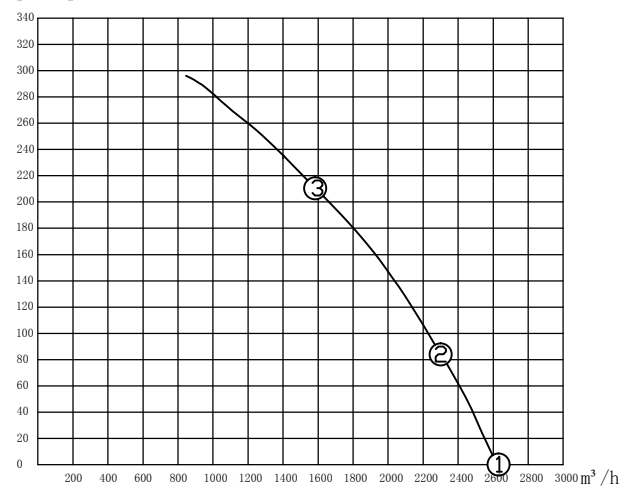
Wiring diagram:



Technical specification:

- All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- The safety requirement of fan is performed according to GB12350-2000, the electrical strength is 1800Vmin, and the insulation resistance is not less than 100M at room temperature.
- Motor insulation class, F CLASS.
- Motor protection level, IP54, fan protection level, IP2X.
- The fan balance level is: $1389 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.

psf (pa)

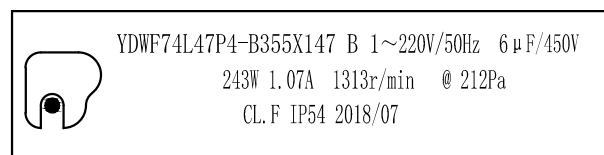


PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	Psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.85	189	1389	2614	
②	85	0.96	216	1353	2297	
③	212	1.07	243	1313	1570	IMAX

Nameplate:



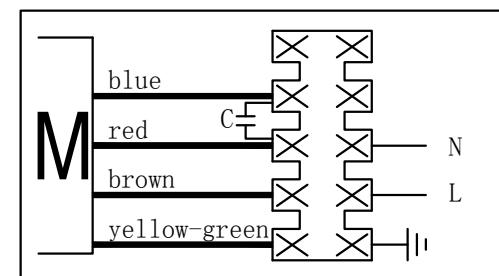
MAER

Product model	YDWF74L47P4-B355X147
Product type	External rotor axial flow fan
Customer	
Product number	MAER-1609290
Certification	CE、CCC

Condition of use:

- voltage and frequency: $1 \sim 230 V \pm 5\%$, 50 Hz .
- Lead cable: length
- Installation position: vertical or upward.
- Ambient temperature: $-25 \sim 50^\circ\text{C}$.

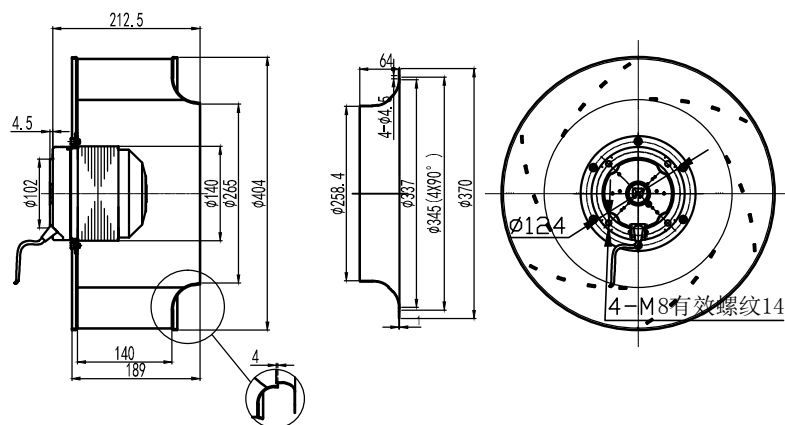
The external wiring diagram:



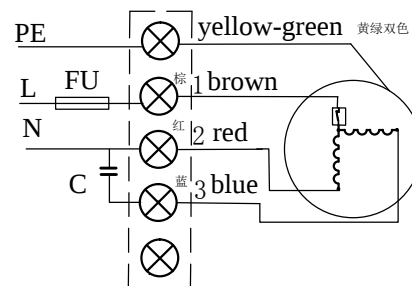
Test data at free :

connection	UAC (V) $\pm 5\%$	F (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noise dB(A)
	1~230	50	175	0.82	1390	65

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	Deliver before		Product Specification
	After re confirmation		
Drawing			
Audit			
Approval			



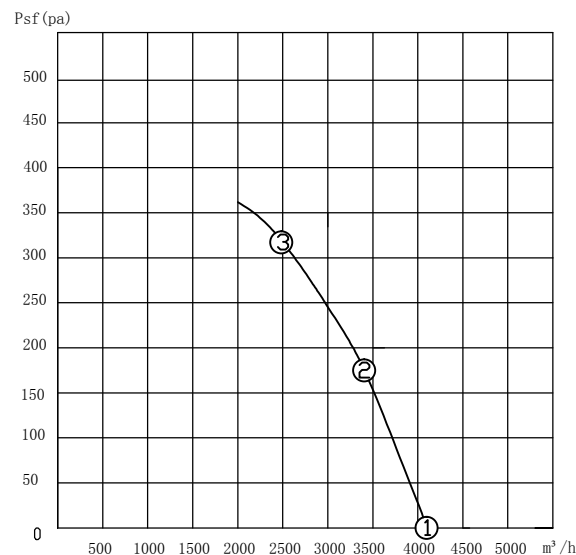
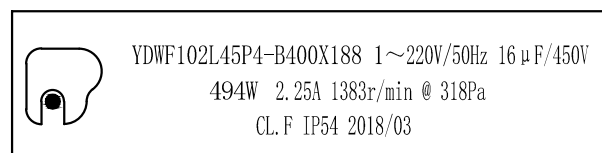
Wiring diagram:



Technical specification:

- 1.All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- 2.Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- 3.The safety requirement of fan is performed according to GB12350-2000, the electrical strength is 1800Vmin, and the insulation resistance is not less than 100M at room temperature.
- 4.Motor insulation class, F CLASS.
- 5.Motor protection level, IP54, fan protection level, IP2X.
- 6.The fan balance level is: $1400 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.

Nameplate:



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	Psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	1.78	388	1420	4099	
②	173	1.99	436	1404	3329	
③	318	2.25	494	1383	2484	IMAX

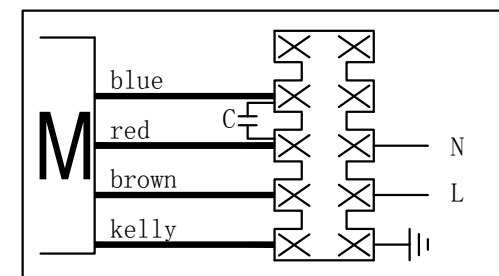


Product model	YDWF102L45P4-B400X188
Product type	External rotor axial flow fan
Customer	
Product number	MAER-20160107
Certification	CE、CCC

Condition of use:

- 1) voltage and frequency: $1 \sim 220 V \pm 5\%$, 50 Hz。
- 2) Lead cable: Lead out wire, recommended lead wire length not less than 1 m.
- 3) Installation position: vertical or upward.
- 4) Ambient temperature: $-25 \sim 65^{\circ}\text{C}$.

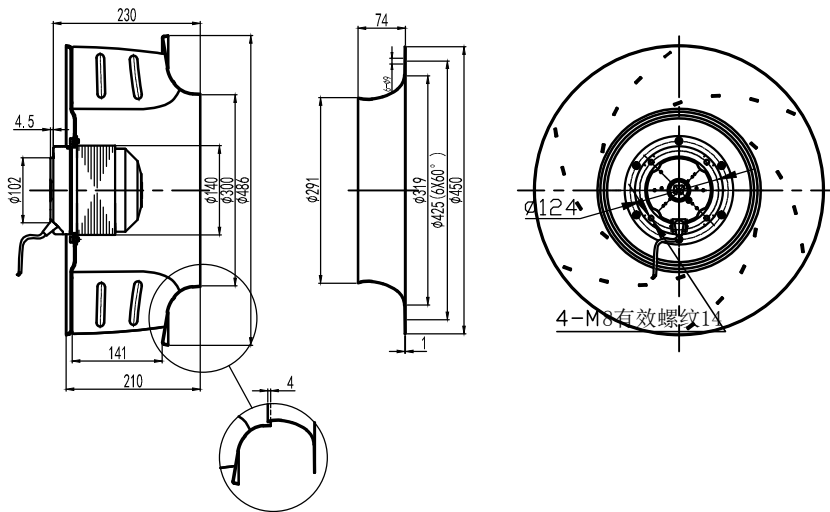
The external wiring diagram:



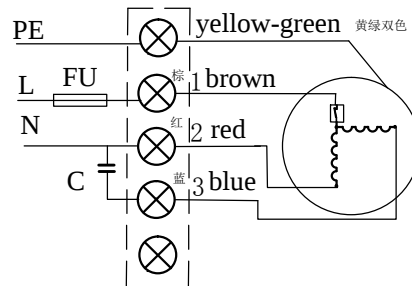
Test data at free :

connection	UAC (V) $\pm 5\%$	F (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noise dB(A)
	1~220	50	390	1.80	1400	65

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	Deliver before		
	After re confirmation		
Drawing			Product Specification
Audit			
Approval			



Wiring diagram:

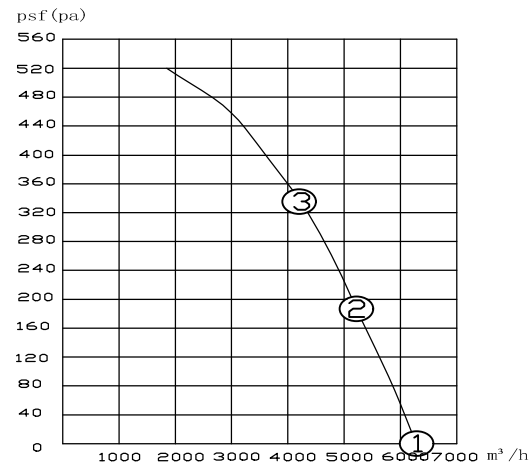


Technical specification:

- 1.All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- 2.Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- 3.The safety requirement of fan is performed according to GB12350-2000, the electrical strength is 1800Vmin, and the insulation resistance is not less than 100M at room temperature.
- 4.Motor insulation class, F CLASS.
- 5.Motor protection level, IP54, fan protection level, IP2X.
- 6.The fan balance level is: $1420 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.

Nameplate:

YDWF102L70P4-B450X210 1~220V/50Hz 20 μ F/450V
878W 3.82A 1374r/min @ 335Pa
CL.F IP54 2018/07



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	Psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	2.93	669	1419	6291	
②	185	3.44	789	1395	5226	
③	335	3.82	878	1374	4203	IMAX

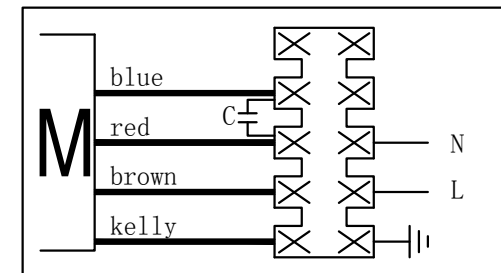


Product model	YDWF102L70P4-B450X210
Product type	External rotor axial flow fan
Customer	
Product number	MAER-20160108
Certification	CE、CCC

Condition of use:

- 1) voltage and frequency: $1 \sim 230 V \pm 5\%$, 50 Hz。
- 2) Lead cable: length
- 3) Installation position: vertical or upward.
- 4) Ambient temperature: $-25 \sim 70^{\circ}\text{C}$ 。

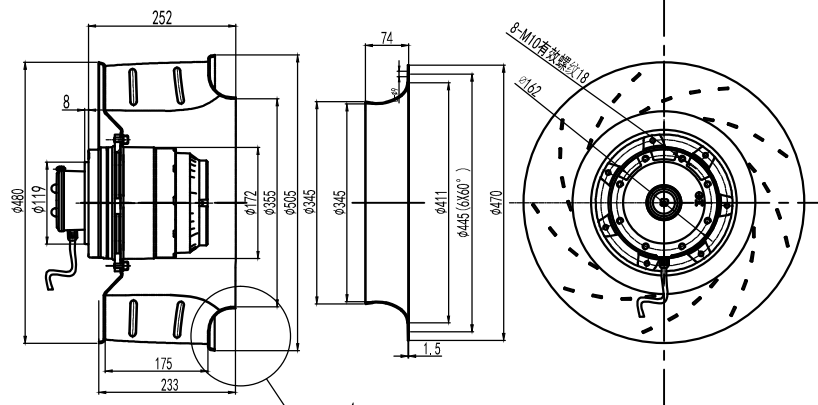
The external wiring diagram:



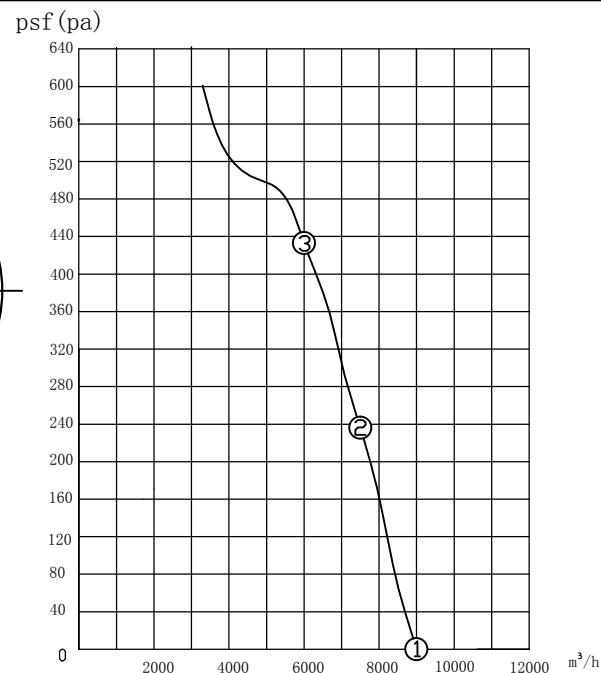
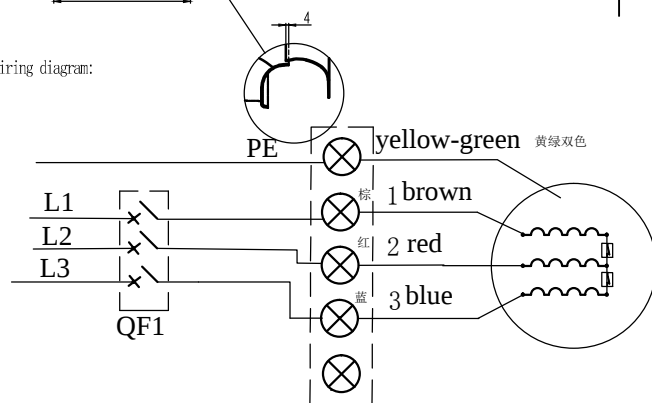
Test data at free :

connection	UAC (V) $\pm 5\%$	F (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noi dB (A)
	1~230	50	700	2.95	1420	65

state	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
	Deliver before		
	After re confirmation		
	Drawing		Product Specification
Audit			
Approval			



Wiring diagram:



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	2.91	1305	1419	9008	
②	236	3.11	1505	1403	7478	
③	433	3.30	1670	1390	5973	MAX EFF.



MODEL : YSWF127L65P4-B500X230

VOLTAGE: 400V/50HZ

N. W/G. W. 21/21. 5KG

MEAS: 52 X 52 X 34CM

CL. F WITH TERMINAL BOX



20180724X

Nameplate:



YSWF127L65P4-B500X230

3~400V/50Hz 1670W 3.30A 1390r/min @433Pa

CL. F IP54 2018/07

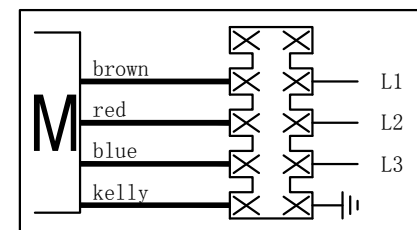


Product model	YSWF127L65P4-B500X230
product type	External rotor axial flow fan
customer	乌克兰
Product number	MAER-1602265
certification	CE、CCC

Condition of use:

- 1) voltage and frequency: $3 \sim 400 \text{ V} \pm 5\%$, 50 Hz .
- 2) Lead cable: Terminal block, the recommended standard of lead wire is not less than 1 mm^2 .
- 3) Installation position: vertical or upward.
- 4) ambient temperature: $-25 \sim 60^\circ \text{C}$.

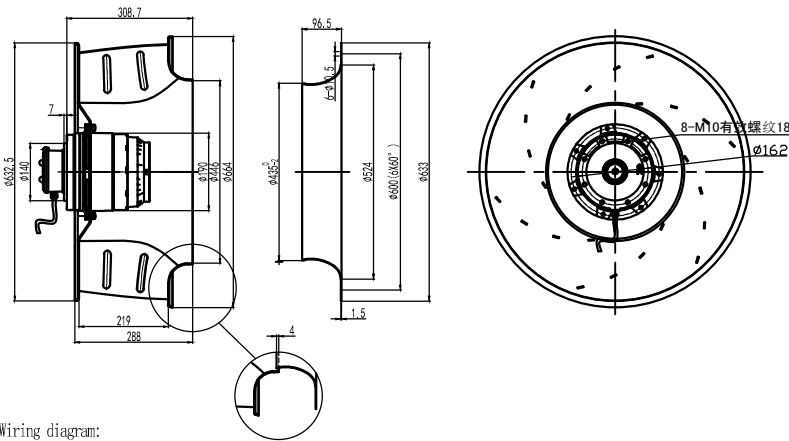
The external wiring diagram:



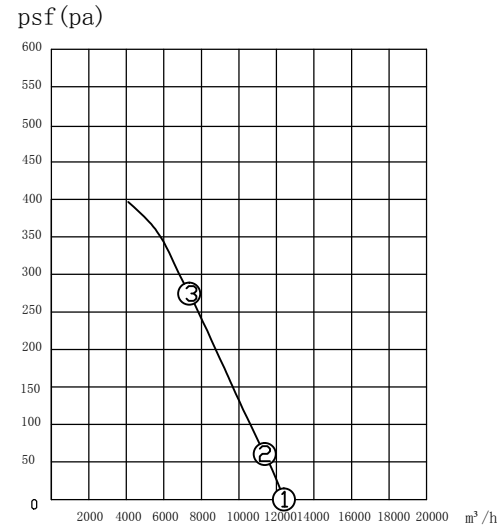
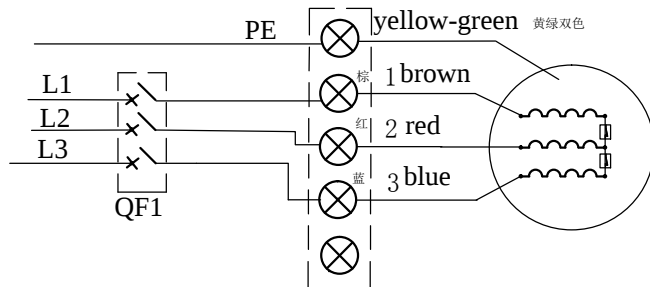
Test data at free :

connection	UAC (V) $\pm 5\%$	f (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noise dB(A)
	3~400	50	1505	3.11	1403	81

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	Deliver before		
	After the installation		
drawing			Product Specification
audit			
approval			

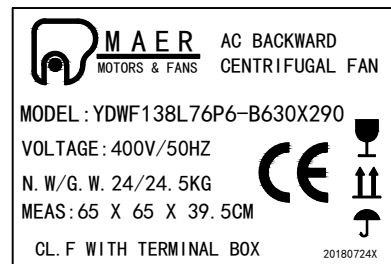


Wiring diagram:

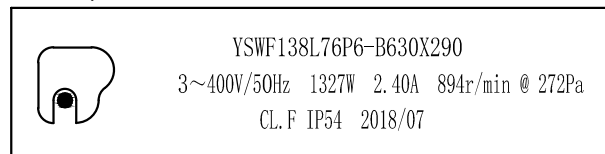


PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

	Psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	1.89	983	928	12428	
②	61	1.99	1068	920	11509	
③	272	2.40	1327	894	7879	IMAX



Nameplate:

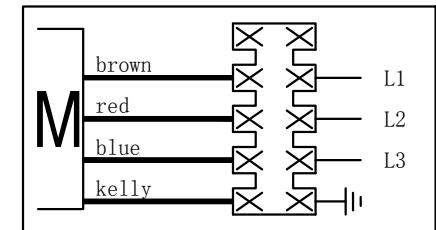


Product model	YSWF138L76P6-B630X290
product type	External rotor axial flow fan
customer	乌克兰
Product number	MAER-1602265
certification	CE、CCC

Condition of use:

- 1) voltage and frequency: $3 \sim 400 \text{ V} \pm 5 \%$, 50 Hz .
- 2) Lead cable: Terminal block, the recommended standard of lead wire is not less than 1 mm^2 .
- 3) Installation position: vertical or upward.
- 4) ambient temperature: $-25 \sim 60^\circ \text{C}$.

The external wiring diagram:



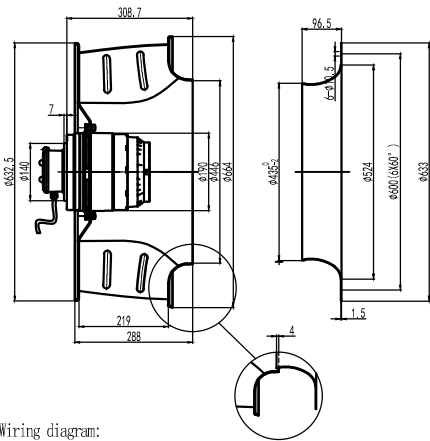
Test data at free :

connection	UAC (V) $\pm 5\%$	f (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noise dB(A)
	3~400	50	983	1.89	983	73

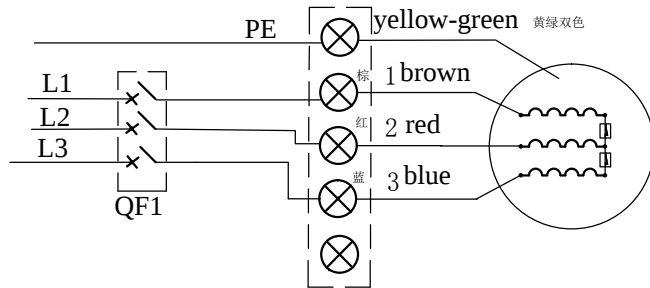
Technical specification:

1. All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
2. Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
3. The safety requirement of fan is performed according to GB12350-2000, the electrical strength is 1800Vmin, and the insulation resistance is not less than 100M at room temperature.
4. Motor insulation class, F CLASS.
5. Motor protection level, IP54, fan protection level, IP2X.
6. The fan balance level is: $983 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.
7. Built-in heat protector

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	Deliver before		
	Use for maintenance		
drawing			Product Specification
audit			
approval			



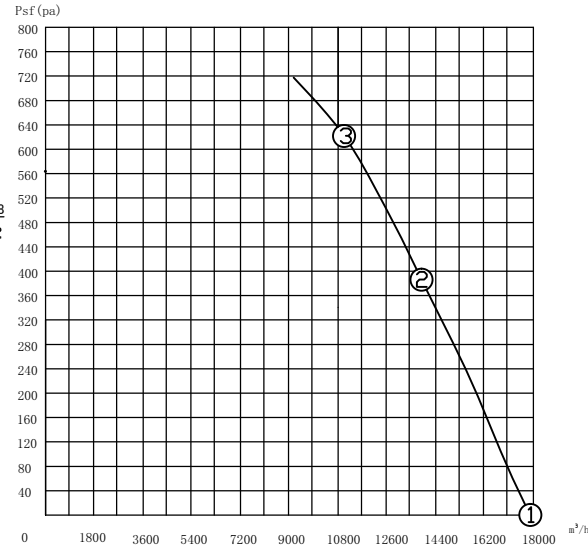
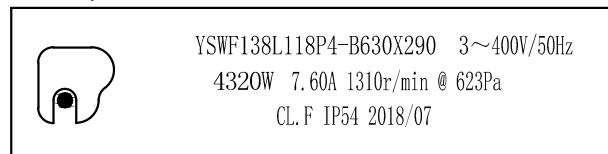
Wiring diagram:



Technical specification:

- 1.All parts of fan should be properly assembled, no oil or dirt on the surface, no obvious distortion, mechanical damage and other defects.
- 2.Fan rotation is flexible, no delay, no operation sound, no scratch and other undesirable phenomena.
- 3.The safety requirement of fan is performed according to GB12350-2000, the electrical strength is 1800Vmin, and the insulation resistance is not less than 100M at room temperature.
- 4.Motor insulation class, F CLASS.
- 5.Motor protection level, IP54, fan protection level, IP2X.
- 6.The fan balance level is: $1380 \pm 10\%$ r/min high than G6.3, vibration value is less than 5.4mm/s.
- 7.Built-in heat protector

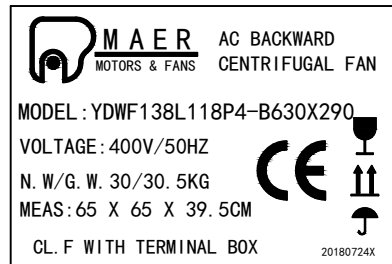
Nameplate:



PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 °C.

Performance parameters at key point:

	Psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	5.50	3349	1381	17893	
②	387	6.48	4055	1350	13867	
③	623	7.60	4320	1310	11007	IMAX

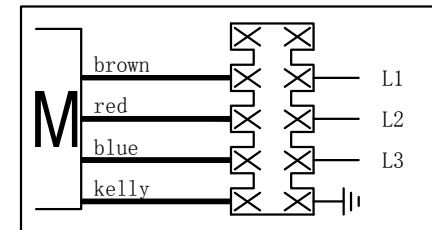


Product model	YSWF138L118P4-B630X290
product type	External rotor axial flow fan
customer	乌克兰
Product number	MAER-1602265
certification	CE、CCC

Condition of use:

- 1) voltage and frequency: $3 \sim 400 \text{ V} \pm 5\%$, 50 Hz .
- 2) Lead cable: Terminal block, the recommended standard of lead wire is not less than 1 mm^2 .
- 3) Installation position: vertical or upward.
- 4) ambient temperature: $-25 \sim 60^\circ \text{C}$.

The external wiring diagram:



Test data at free :

connection	UAC (V) $\pm 5\%$	f (Hz)	P1 (W) $\pm 10\%$	I (A) $\pm 10\%$	n (r/min) $\pm 10\%$	Noise dB(A)
	3~400	50	3350	5.5	1380	86

	The signature	(date) (month) (year)	ZHEJIANG MAER FAN MOTOR CO., LTD.
state	Deliver before		
	Use in practice		
drawing			Product Specification
audit			
approval			