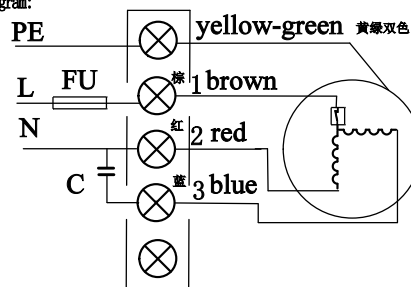


Wiring diagram:

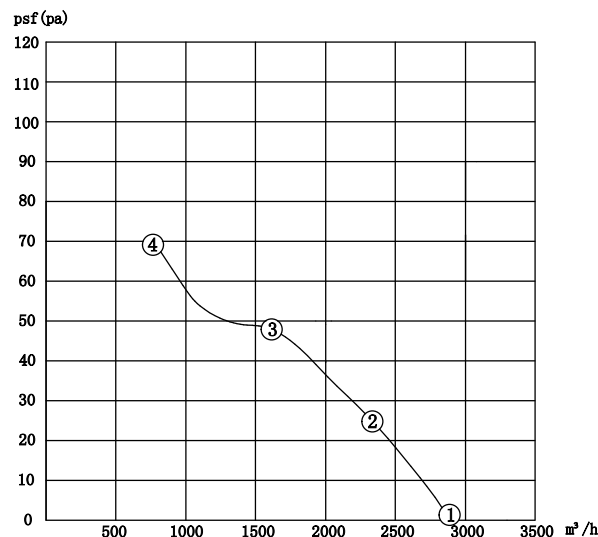


## Technical specification:

- 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 1500Vmin, 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:  $1400 \pm 10\%$  r/min high than G6.3, vibration value is less than 5.4mm/s.
- 400 concave net cover N90.
- Customers require trademark and shipping mark.
- TPI bearing.

## Nameplate:

	YDWF74L47P6-470N-400 S 1~220V/50Hz 5μF/450V
	113W 0.52A 909r/min @ 46Pa CL.F IP54 2021/04



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	0.46	99	936	2887	
②	25	0.49	105	923	2391	
③	46	0.52	113	909	1574	MAX EFF.
④	67	0.58	126	880	820	IMAX

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	110	0.54	920	58

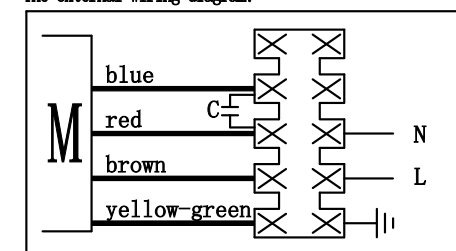


Product model	YDWF74L47P6-470N-400 S
product type	External rotor axial flow fan
customer code	
Product number	KH0000044
certification	CE,CCC

## Condition of use:

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

The external wiring diagram:



Mark:

	Single-Phase Asynchronous External Rotor Motor for Fan
Type	: YDWF74L47P6-470N-400 SUCTION
V/F	: 220V/50Hz
NW/GW	: / KG
QTY	: 1PCS
Meas	: 45X45X20 CM
Date	:
Order	:
RPM	: 909 rpm
	Made in CHINA

版本/Ver.	Page 1		浙江马尔风机有限公司
重量/WG.	Kg	签名/Name	日期/Date
绘图/Drawing			
审核/Checked			
批准/Approved			
客户确认/Customer confirmation			
		型号/Model	
		品号 P/N	

浙江马尔风机有限公司  
Maer Fan Motor ZHEJIANG MAER FAN MOTOR CO.,LTD.

产品规格书  
Product Specification