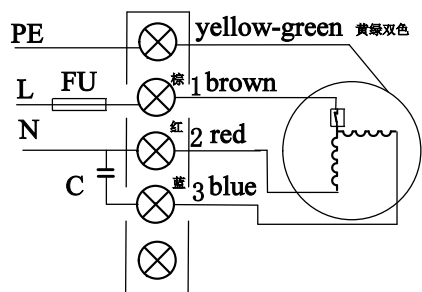
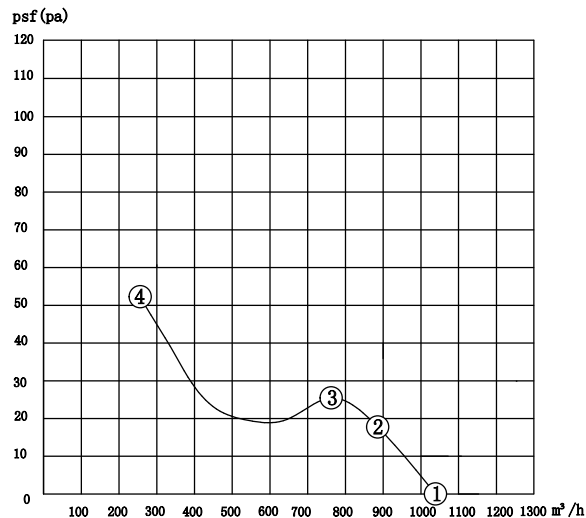


Wiring diagram:



### 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, IP44, 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.
- 250 concave net cover P45.
- Customers require trademark and shipping mark.
- TPI bearing.



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

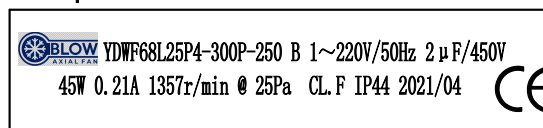
### Performance parameters at key point:

	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	0.20	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 (V) ±5%	f (Hz)	P1 (W) ±10%	I (A) ±10%	n (r/min) ±10%	Noise dB(A)
	1~220	50	43	0.22	1400	54

### Nameplate:

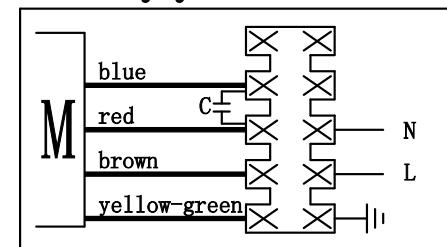


Product model	YDWF68L25P4-300P-250 B
product type	External rotor axial flow fan
customer code	KH000044
Product number	/
certification	CE,CCC

### Condition of use:

- voltage and frequency:  $1 \sim 220 V \pm 5\%$ , 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:  $-40 \sim 80^{\circ}C$ .

### The external wiring diagram:



### Mark

**BLOW AXIAL FAN** Single-Phase Asynchronous External Rotor Motor for Fan

Type : YDWF68L25P4-300P-250 BLOWING  
 V/F : 220V/50Hz  
 NW/GW : / KG  
 QTY : 1PCS  
 Meas : 29X29X16 CM  
 Date :  
 Order :  
 RPM : 1357 rpm Made in CHINA

版本/Ver.	Page 1	浙江马尔风机有限公司 Maer Fan Motor ZHEJIANG MAER FAN MOTOR CO.,LTD.	
重量/WG.	Kg	签名/Name	日期/Date
绘图/Drawing			
审核/Checked			
批准/Approved		型号/Model	
客户确认/Customer confirmation		品号/P/N	

### 产品规格书 Product Specification