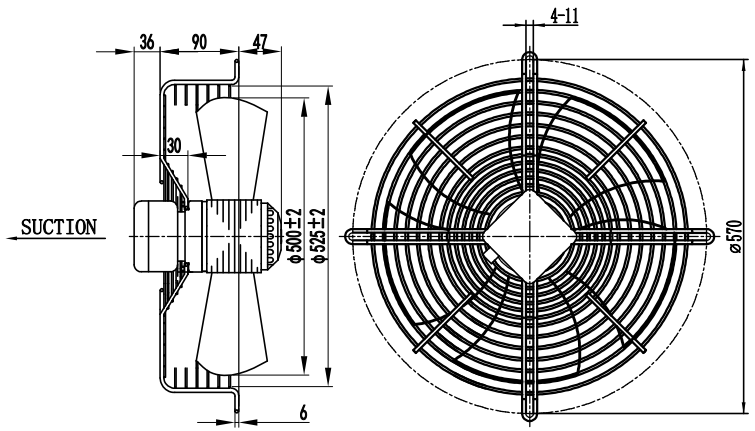
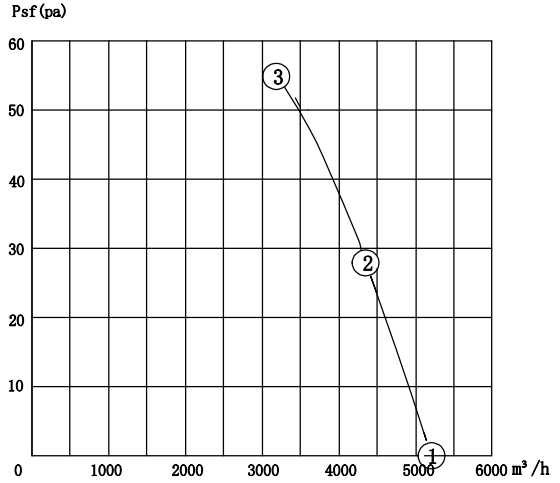
MAER	Product model	YDWF102L35P6-570N-500 S
	product type	External rotor axial flow fan
	customer code	/
	Product number	/
	certification	CE,CCC



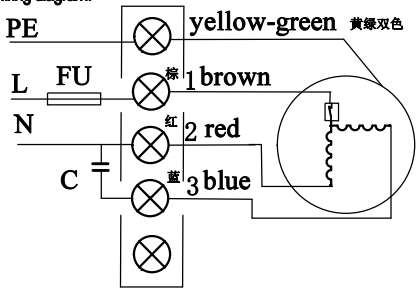


PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 ℃.

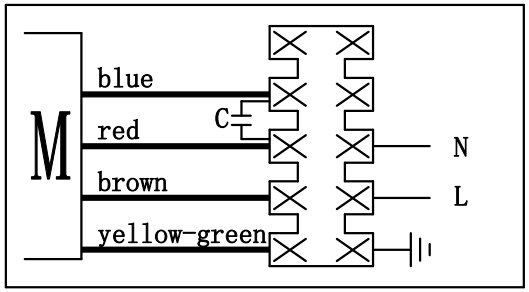
Condition of use:

1）voltage and frequency：1～220V±5％ 50Hz 。
2）Lead cable: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℃。

Wiring diagram:



The external wiring diagram:



Performance parameters at key point:

	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	0.87	190	893	5234	
②	27	0.92	202	870	4402	
③	54	0.99	217	849	3329	MAX EFF.

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	200	0.91	905	66

Mark:

MAER MOTORS & FANS AXIAL FAN MOTOR
MODEL:YDWF102L35P6-570N-500 SUCTION
VOLTAGE:1～220V/50Hz
N. W/G. W.
MEAS:55X55X21CM
CL. F WITH TERMINAL BOX
CE
XXXXXXX

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:905±10%r/min high than G6.3,vibration value is less than 5.4mm/s.
7.500 concave mesh cover N90.
8.Built in thermal protector.
9.With Terminal block.Cassette foam.
10.English trademark .
11.With TPI bearing.

Nameplate:

YDWF102L35P6-570N-500 S 8μF/450V
1～220V/50Hz 217W 0.99A 849r/min @ 54Pa
CL.F IP54 2022/09
CE

版本/Ver.		Page		
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				

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

型号/Model	YDWF102L35P6-570N-500 S
品号 P/N	