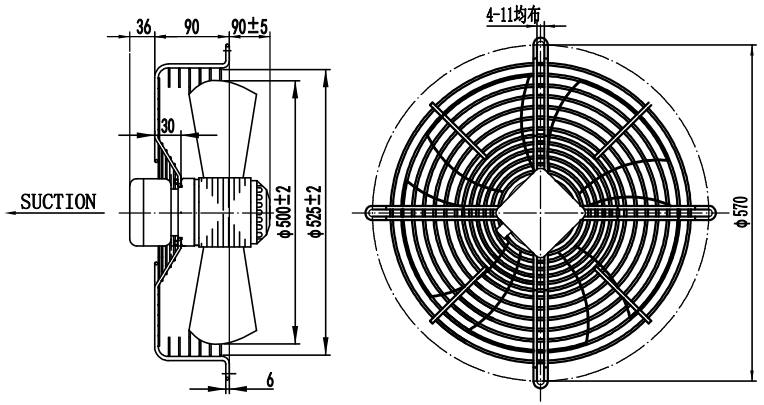
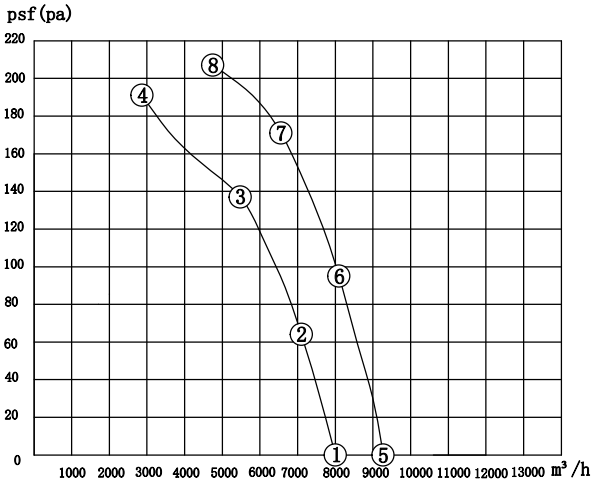
MAER	型号 MODEL	YSWF102L70P4-570N-500 S
	品号 ITEM NO	
	客户代号CUSTOMER CODE	/
	产品类型PRODUCT TYPE	External rotor axial flow fan
	产品认证APPROVALS	CE、CQC





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

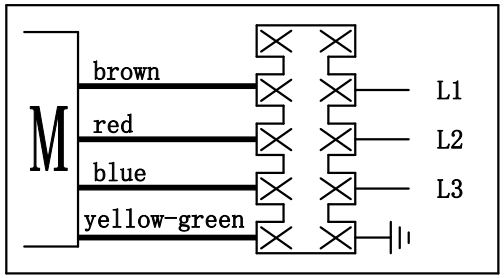
Performance parameters at key point:

50Hz	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	1.37	518	1436	7971	
②	64	1.44	598	1433	7117	
③	137	1.50	664	1418	5477	MAX EFF.
④	191	1.57	730	1413	2874	IMAX
60Hz						
⑤	0	1.52	803	1669	9268	
⑥	95	1.70	937	1649	8133	
⑦	171	1.82	1027	1627	6562	MAX EFF.
⑧	207	1.87	1065	1609	4753	IMAX

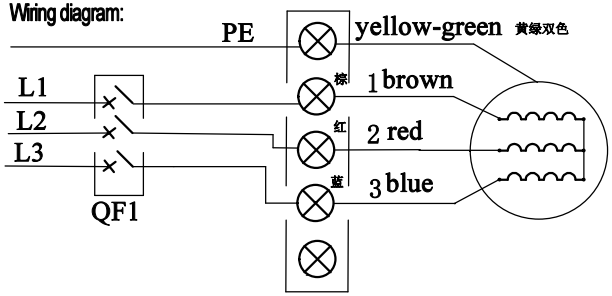
Condition of use:

1）voltage and frequency：3～380 V ±5 % 50/60 Hz 。
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℃。

The external wiring diagram:



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	633	1.51	1409	74
	3~380	60	975	1.77	1650	77

Mark

MAER MOTORS & FANS AXIAL FAN MOTOR
MODEL:YSWF102L70P4-570N-500 SUCTION
VOLTAGE: 3 ～ 380 V/50-60 Hz
N.W/G.W. / KG
MEAS:55X55X23 CM
CL.F WITH TERMINAL BOX
CE
xxxxxxxx

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 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:1650±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
7.With 500 mesh cover N90.
8.With Terminal block,box with foam.
9.English trademark mark.
10.TPI bearing.

Nameplate:

YSWF102L70P4-570N-500 S
3～380V/50Hz 664W 1.50A 1418r/min @ 137Pa
3～380V/60Hz 1027W 1.82A 1627r/min @ 171Pa
CL.F IP54 2023/03
CE

版本/Ver.		Page 1		
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	YSWF102L70P4-570N-500 S
品号 P/N	