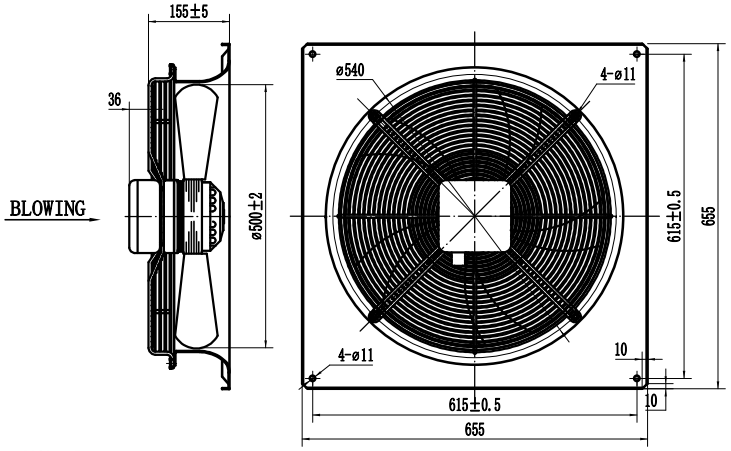
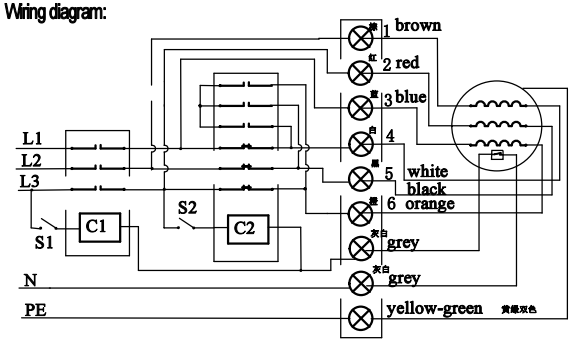


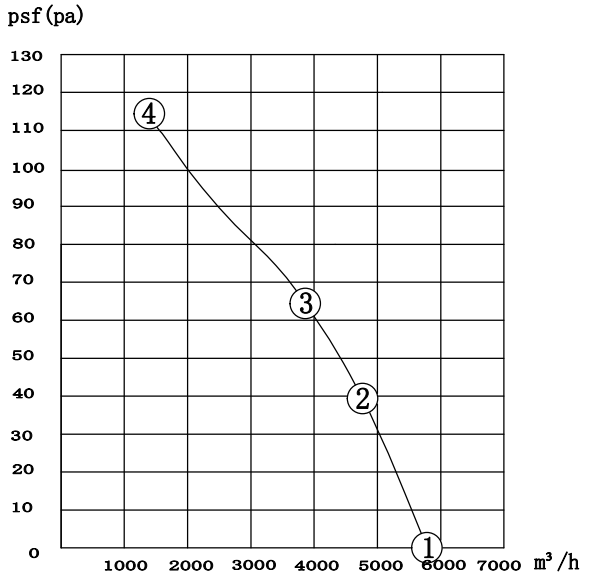
Wiring diagram:



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 GB12350-2000, 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:925±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
7.500 flanging air deflector(Big R), 500 flanging air deflector mesh cover.
8.WITH TERMINAL BOX, box with foam.
9.External heat protector
10.With TPI bearing.



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

Performance parameters at key point:

220V50Hz	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	1.16	222	941	5835	
②	39	1.18	244	933	4530	
③	64	1.20	257	927	3933	MAX EFF.
④	114	1.25	306	907	1393	IMAX
380V50Hz						
⑤	0	0.67	222	941	5835	
⑥	39	0.68	244	933	4530	
⑦	64	0.69	257	927	3933	MAX EFF.
⑧	114	0.72	306	907	1393	IMAX

Test data at free :

connection	UAC (V)±5%	F (Hz)	P1 (W) ±10%	I (A)±10%	n (r/min) ±10%	Noise dB(A)
	3~220	50	245	1.18	925	68
	3~380	50	245	0.68	925	68

Nameplate:

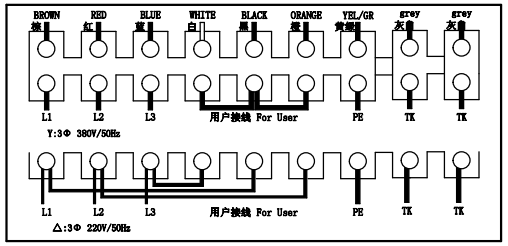
YSWF102L45P6-615H-500 B
3~220V/50Hz 257W 1.20A 927r/min @ 64Pa
3~380V/50Hz 257W 0.69A 927r/min @ 64Pa
CL.F IP54 2022/11

MAER	Product model	YSWF102L45P6-615H-500 B
	product type	External rotor axial flow fan
	customer code	/
	Product number	/
	certification	CE、CCC

Condition of use:

1) voltage and frequency: 3~220/380V±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:-40~75℃。

The external wiring diagram:



MARK

MAER MOTORS & FANS AXIAL FAN MOTOR
MODEL: YSWF102L45P6-615H-500 BLOWING
VOLTAGE:3~220/380V/50Hz
N.W/G.W. / KG
MEAS: 67x67x24 CM
CL.F WITH TERMINAL BOX
XXXXXXX

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
ZHEJIANG MAER FAN MOTOR CO.,LTD.
产品规格书
Product Specification
型号/Model YSWF102L45P6-615H-500 B
品号 P/N