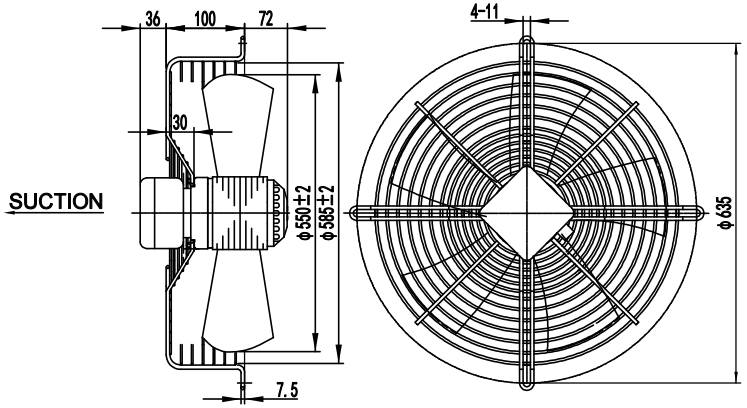
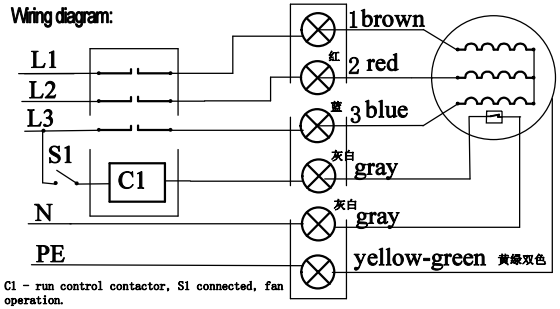
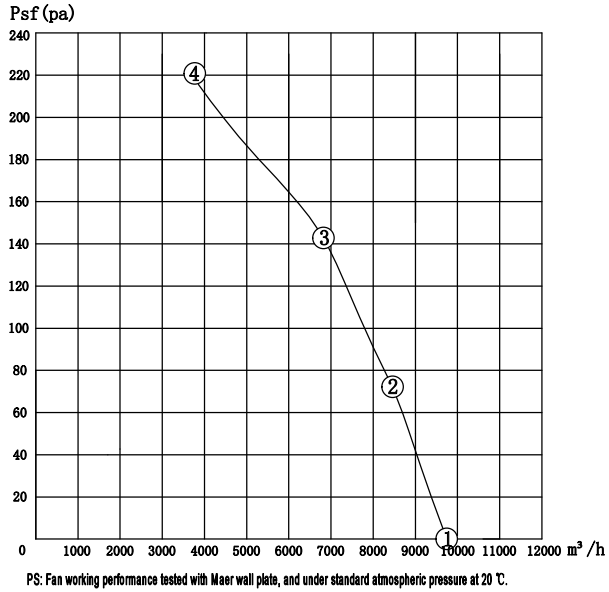


Wiring diagram:



C1 - run control contactor, S1 connected, fan operation.



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

Performance parameters at key point:

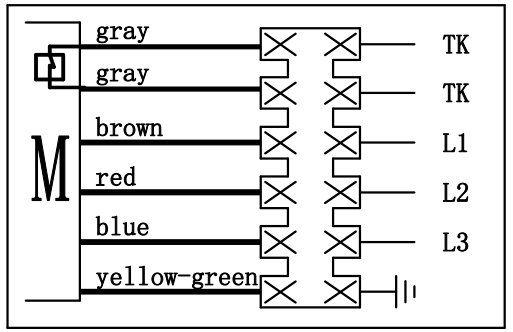
380V/50Hz	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	1.47	638	1426	9746	
②	60	1.51	702	1419	8653	
③	144	1.62	802	1402	6840	MAX EFF.
④	221	1.78	935	1381	3775	IMAX

Product model	YSWF102L70P4-635N-550 S
product type	External rotor axial flow fan
customer code	/
Product number	/
certification	CE、CCC

Condition of use:

1）voltage and frequency：3～380V±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:-40～70℃。

The external wiring diagram:



Mark

MAER MOTORS & FANS AXIAL FAN MOTOR
MODEL:YSWF102L70P4-635N-550 S
VOLTAGE:380V/50Hz
N.W/G.W.: KG
MEAS:60.5x60.5x24 CM
CL.F With terminal box
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 100MΩ at room temperature.
4.Motor insulation class, F CLASS.
5.Motor protection level, IP44, fan protection level, IP2X.
6.The fan balance level is:1410±10%r/min high than G6.3,vibration value is less than 5.4mm/s.
7.External thermal protector.
8.with 560 concave mesh cover N100.
9.With terminal box , box with foam.
10.With TPI bearing.

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	750	1.62	1410	76

Nameplate:

YSWF102L70P4-635N-550 S 3～380V/50Hz
802W 1.62A 1402r/min @ 144 Pa
η sf=34.04% N=40.9 CL.F IP54 2022/09

版本/Ver.		Page			
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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	YSWF102L70P4-635N-550 S
品号 P/N	