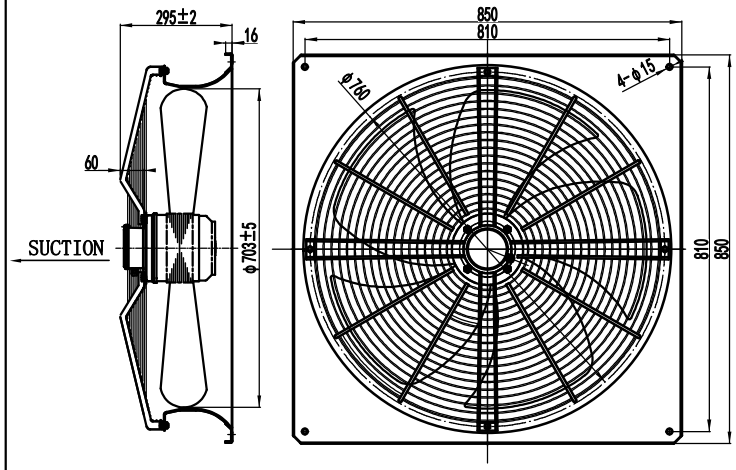
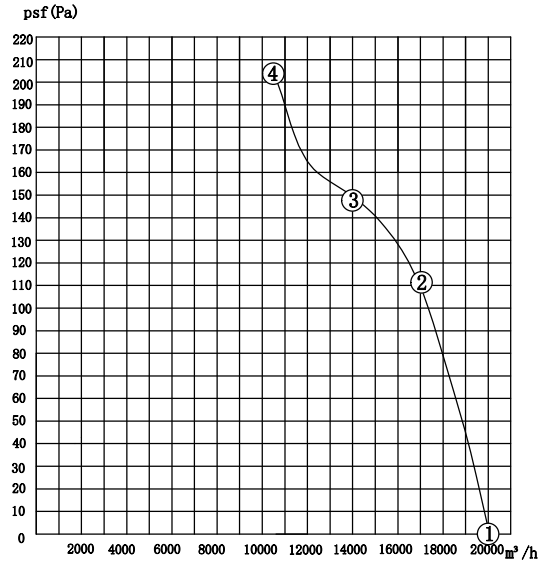




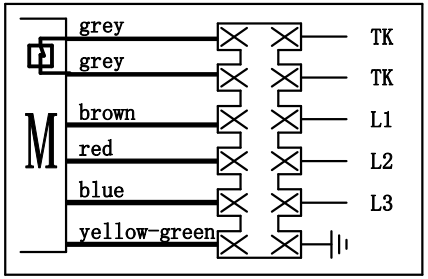
PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20 ℃.

MAER	Product model	YSWF138L100P4-810H-710 S	
	product type	External rotor axial flow fan	
	customer code		
	Product number	/	
	certification	CE,CCC	

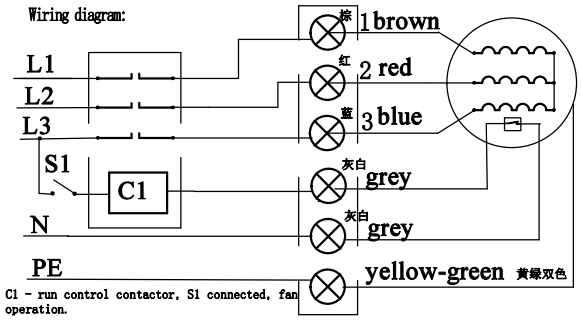
Condition of use:

1）voltage and frequency：△/Y 3～ 380 V± 5 % 50 Hz 。
2）Lead cable:with the junction box,the recommended standard of lead wire is not less than 1 mm².
3）Installation position: vertical install or end cover upward.
4) ambient temperature:-40～70℃。

The external wiring diagram:



Wiring diagram:



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

Performance parameters at key point:

	psf	I	P1	n	Q	Note
	(pa)	(A)	(W)	(r/min)	(m³/h)	
①	0	4.53	2649	1361	20059	
②	113	4.85	2863	1343	16819	
③	149	4.66	2733	1352	13598	MAX EFF.
④	205	4.88	2883	1341	10418	IMAX

Test data at free：

connection	UAC (V)±5%	F (Hz)	P1 (W) ±10%	I (A)±10%	n (r/min) ±10%	Noise dB(A)
	3~380	50	2950	5.1	1380	86

Mark

MAER MOTORS & FANS AXIAL FAN MOTOR
MODEL: YSWF138L100P4-810H-710 SUCTION
VOLTAGE: △Y3~380V/50Hz
N. W/G. W. / KG
MEAS: 87X87X29 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, IP54, fan protection level, IP2X.
6.The fan balance level is:1380±10%r/min high than G6.3, vibration value is less than 5.4mm/s.
7.External thermal protector.
8.with 710 flanging guide net cover(M138),710 flanging guide ring.
9.WITH TERMINAL BOX,Cassette foam.
10.MaEr English trademark and marks.
11.With TPI bearing.

Nameplate:

YSWF138L100P4-810H-710 S 3~380V/50Hz
2733W 4.66A 1352r/min @ 149Pa
CL.F IP54 2022/07

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 YSWF138L100P4-810H-710 S
品号 P/N