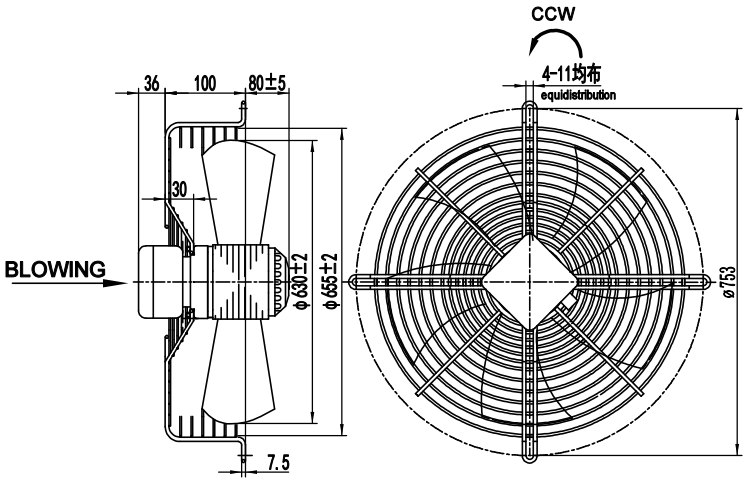
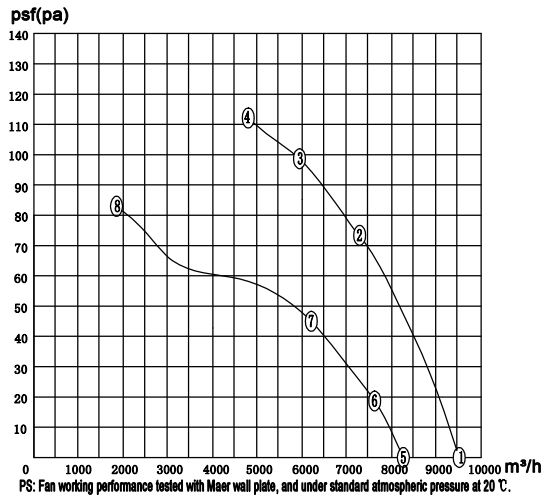
客户代号CUSTOMER CODE	
产品类型PRODUCT TYPE	External rotor axial flow fan
产品认证APPROVALS	CE、CQC



Air volume and Static pressure curve

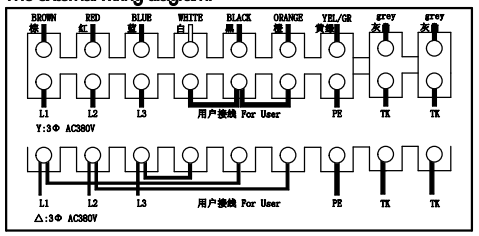


PS: Fan working performance tested with Maer wall plate, and under standard atmospheric pressure at 20℃.

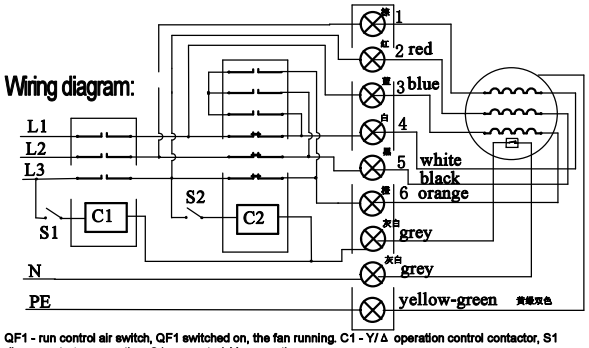
Condition of use:

1）voltage and frequency:△/Y:3～ 380 V± 5 %， 50 Hz.
2）Qualification requirements: Terminal block, the recommended standard of lead wire is not less than 0.75 mm².
3）Installation position: vertical or upward.
4) ambient temperature:-40～85℃.

The external wiring diagram:



Wiring diagram:



QF1 - run control air switch, QF1 switched on, the fan running. C1 - Y/△ operation control contactor, S1 disconnect, △ connection; S1 connected, Y connection.

Performance parameters at key point:

△ 380V/50Hz	psf (pa)	I (A)	P1 (W)	n (r/min)	Q (m³/h)	Note
①	0	1.16	373	947	9510	
②	72	1.22	459	931	7362	
③	97	1.23	485	925	6047	MAX EFF.
④	112	1.25	509	920	4777	IMAX .
Y 380V/50Hz						
⑤	0	0.83	277	823	8260	
⑥	18	0.87	297	804	7640	
⑦	45	0.94	326	775	6206	MAX EFF.
⑧	83	1.13	397	693	1863	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	500	1.25	930	75
Y	3~380	50	277	0.85	812	72

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, the electrical strength is 2160V.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:930±10%r/min high than G6.3,vibration value is less than 5.4mm/s.
7.630 concave net cover N100.
8.External thermal protector.
9.With Terminal block.Cassette foam.
10.With"EAC" English trademark,With"EAC" English mark1 and mark2 .
11.配方备注：俄罗斯KTS-1.

Nameplate(MAX EFF.):

YSWF102L70P6-753N-630 B(KTS) 3~380V/50Hz
△: 485W 1.23A 925r/min @ 97Pa
Y : 326W 0.94A 775r/min @ 45Pa
ηsf=33.7 N=41.9 CL.F IP54 2025/10 EAC

Mark 1(主唛)

MAER MOTORS & FANS AXIAL FAN MOTOR
MODEL:YSWF102L70P6-753N-630 B(KTS)
VOLTAGE:3~380V/50Hz(△/Y)
N.W/G.W. / KG
MEAS:67X67X24 CM
CL.F WITH TERMINAL BOX
EAC
xxxxxxx

Mark 2(副唛)

Вентилятор
Модель: YSWF102L70P6-753N-630 B(KTS)
Изготовитель: Zhe Jiang MaEr Fan Motor CO.,LTD.
Адрес: NO.333 CHUANGYE ROAD,CHANGAN TOWN,HAINING CITY,ZHEJIANG,CHINA
Товарный знак: MAER
Сделано: КНР
Произведено: 2025 EAC

版本/Ver.	A	Page	1/1		浙江中集马尔风机有限公司 CIMC MAER FAN MOTOR CO.,LTD
重量/WG.		Kg	签名/Name	日期/Date	
绘图/Drawing					产品说明书 Product Specification
审核/Checked					
批准/Approved					型号/Model YSWF102L70P6-753N-630 B(KTS)
客户确认/Cust. Conf.					品号 P/N