

# Specifications

## AC Axial Fan

Model : YWF4E-500M

Type : S-E6L

Coding : E04150255

Version: V1.0

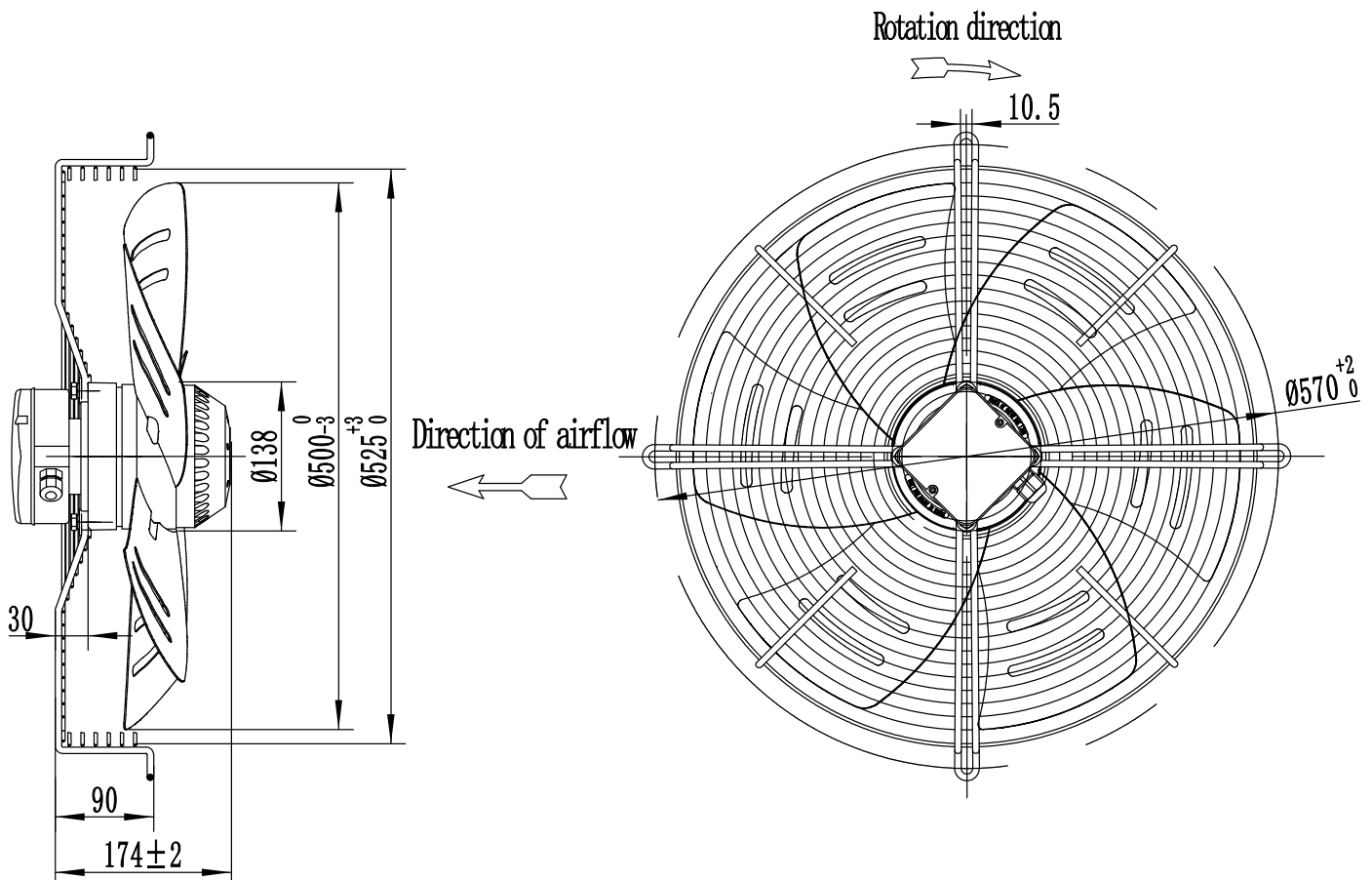
Date : 2023.07.06

Version	Status	Version update instructions	Date	DRN BY	CHK BY
V1.0	Effective	Initial release	2023-07-06	ZH. Shao	XQ. Chen

## Standards

- GB12350 《Safety Requirements of small Power motors》
- EN60335-1 《Safety Requirements of Household of Similar Electrical Appliances》
- The level of balance is in accordance with ISO 1940, G4.0
- Vibration testing and velocity is performed according to JB/T8689.
- This product is certified by China CCC and EU CE
- ISO 9001 quality system certification
- Standard of noise test: ISO 13347 《Determination of fan sound power levels under standardized laboratory conditions》
- The fan performance data is accurate and reliable, conforming to GB/T1236-2017 and 《Industrial fans-performance testing using standardize dairways》 in ISO5801-2007 standards.

## Product Drawings



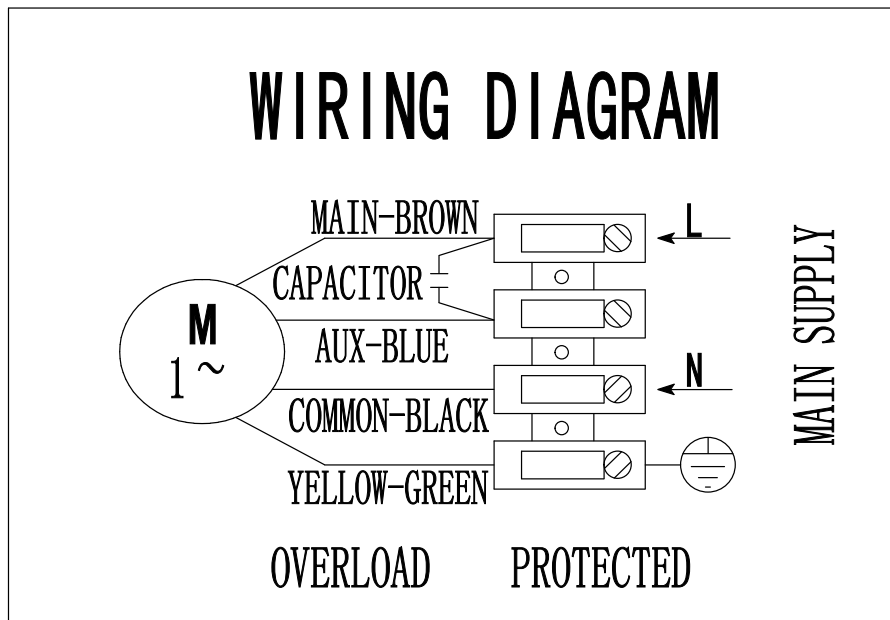
## Technical Parameters

Power supply	Phase	1
Frequency	Hz	50
Wiring		-
Capacitance	$\mu$ F	15
Input Voltage	V	230
Input Current	A	3.50
Input Power	W	800
Rated Speed	r/min	1300
Fan Noise	dB(A)	78
Fan Steering		Counterclockwise(From the motor)
Fan Life	h	40000
Fan Weight	kg	-
Protection Level		IP54
Insulation Class		F
Balance Level		G4.0
Ambient Temperature	℃	-40~+60
Environment Humidity		≤90%RH
Impeller Material		Metal
Spray Color		-
Operating Status		S1

# Label

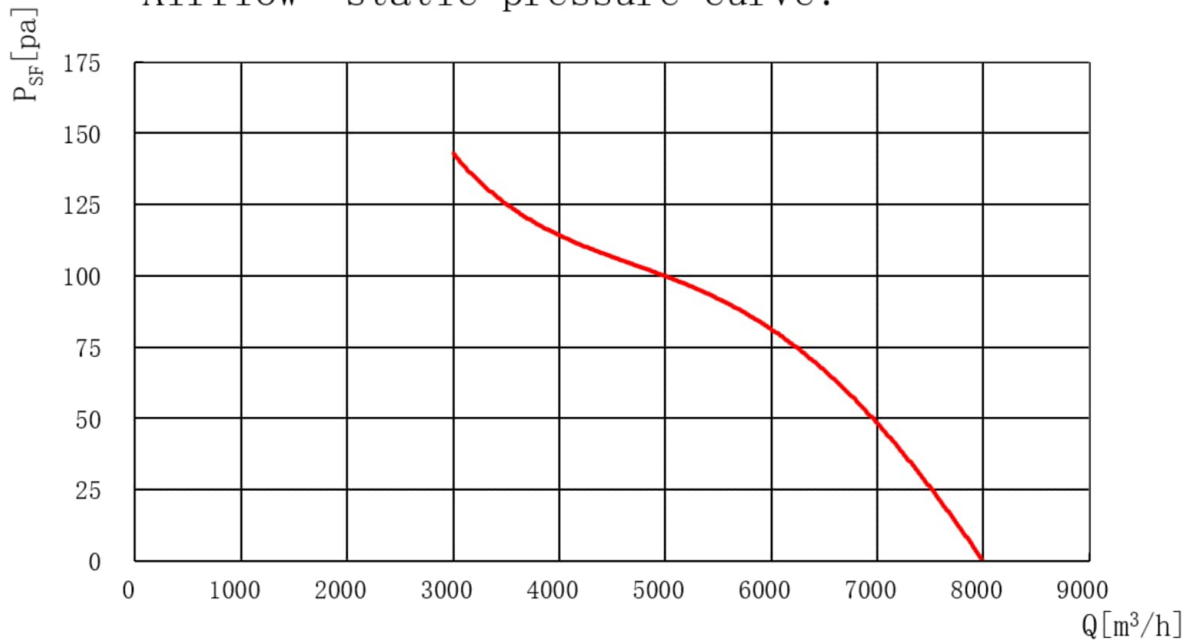
<b>VENTILATOR</b> <b>Dayoung</b>		External Rotor Axial Fan			<b>CE</b> <b>EAC</b>
YWF4E-500M	S-E6L	E04150255			
230V	50Hz	3.50A	800W	15 $\mu$ F/450V	
1300r/min	8000m <sup>3</sup> /h	105Pa	CL.F	Date:2023.XX	

# Product wiring diagram



## Product Performance

Airflow—static pressure curve:



St. P.	Air Flow	Speed	Votage	Freq.	Current	Power
Pa	m3/h	RPM	V	Hz	Amp	W
0	8000	1396	220	50	3.07	468
25	7500	1384	220	50	3.19	495
68	6500	1370	220	50	3.42	551
81	6000	1361	220	50	3.46	561
92	5500	1360	220	50	3.51	571
97	5000	1358	220	50	3.51	568
108	4499	1375	220	50	3.53	566
118	4000	1350	220	50	3.59	592
121	3500	1344	220	50	3.63	597
144	3000	1316	220	50	3.76	646