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Specifications

AC Axial Fan

Model : YWF4E-500

Type : S-E5L

Coding : E04190292

Version: V1.0

Date : 2021.09.24

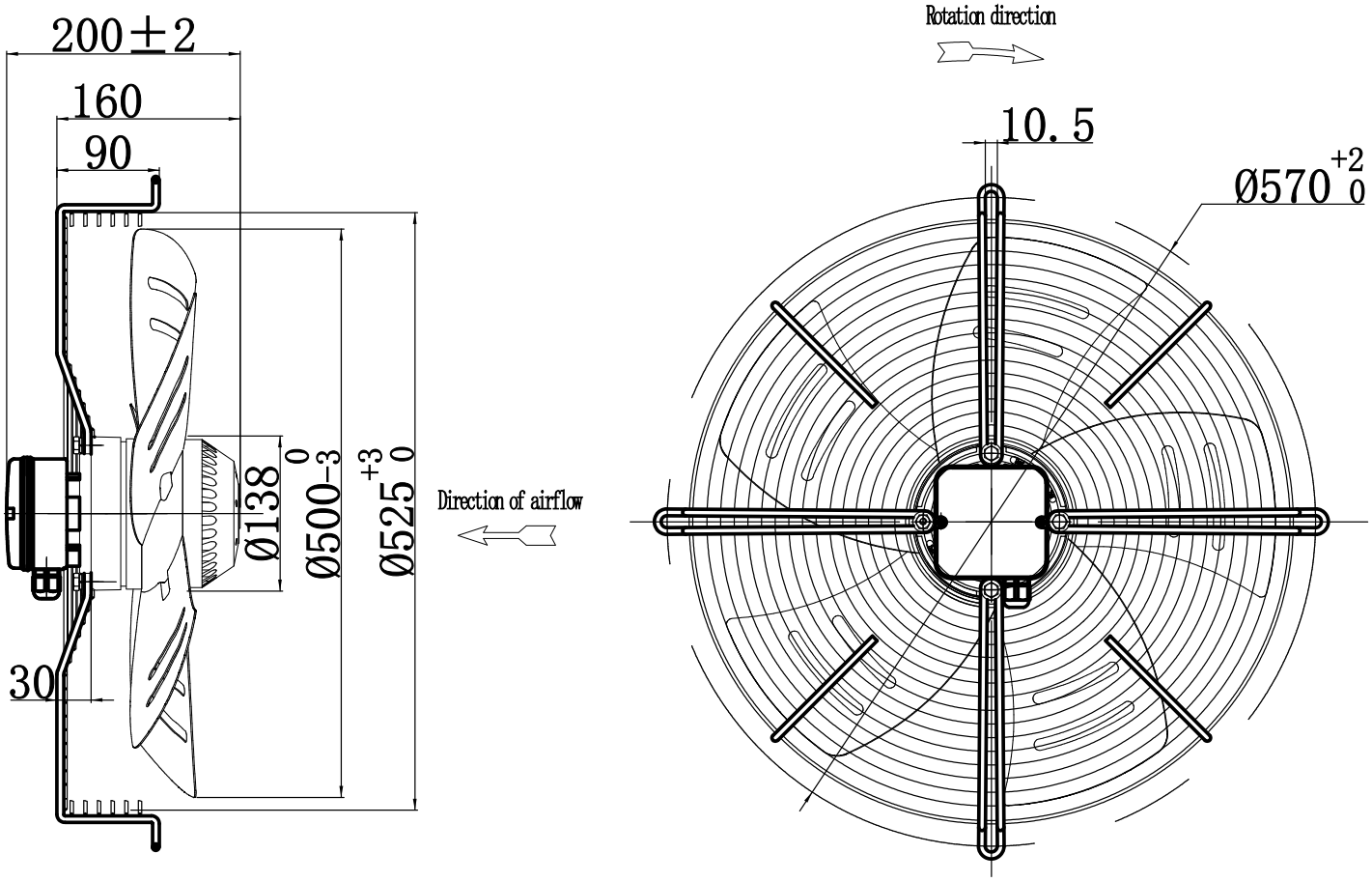
Version	Status	Version update instructions	Date	DRN BY	CHK BY
V1.0	Effective	Initial release	2021-09-24	JX.Chen	XQ.Chen

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Standards

- GB12350 《*Safety Requirments of small Power motors*》
- EN60335-1 《*Safety Requirments of Household of Similar Electrical Appliances*》
- The level of balance is in accordance with ISO 1940, G6.3
- 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



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Technical Parameters

Power supply	Phase	1
Frequency	HZ	50
Wiring		-
Capacitance	μF	12
Input Voltage	V	220
Input Current	A	2.1
Input Power	W	450
Rated Speed	r/min	1350
Fan Noise	dB(A)	70
Fan Steering		Counterclockwise(From the motor)
Fan Life	h	40000
Fan Weight	kg	9.8
Protection Level		IP54
Insulation Class		F
Balance Level		G6.3
Ambient Temperature	℃	-40~+60
Environment Humidity		≤90%RH
Impeller Material		Metal
Spray Color		-
Operating Status		S1

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Label and Product wiring diagram

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External Rotor Axial Fan

CE

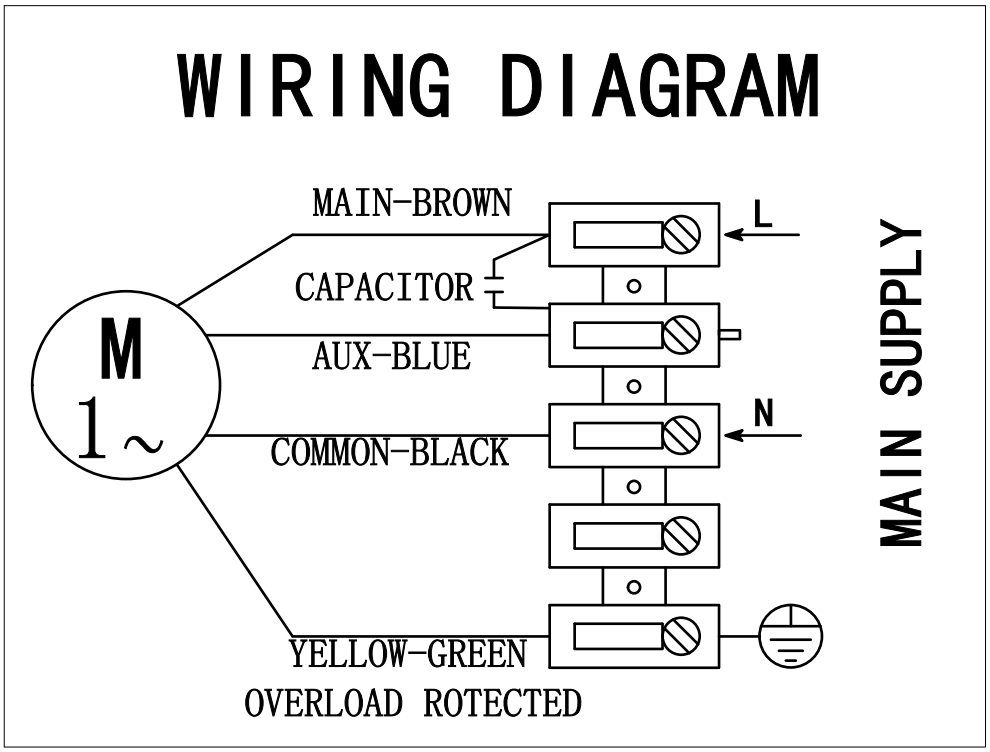
EAC

YWF4E-500 S-E5L E04190292

220V 50Hz 2.10A 450W 12μF/450V

1350r/min 6410m³/h 125Pa CL.F Date:2021.XX

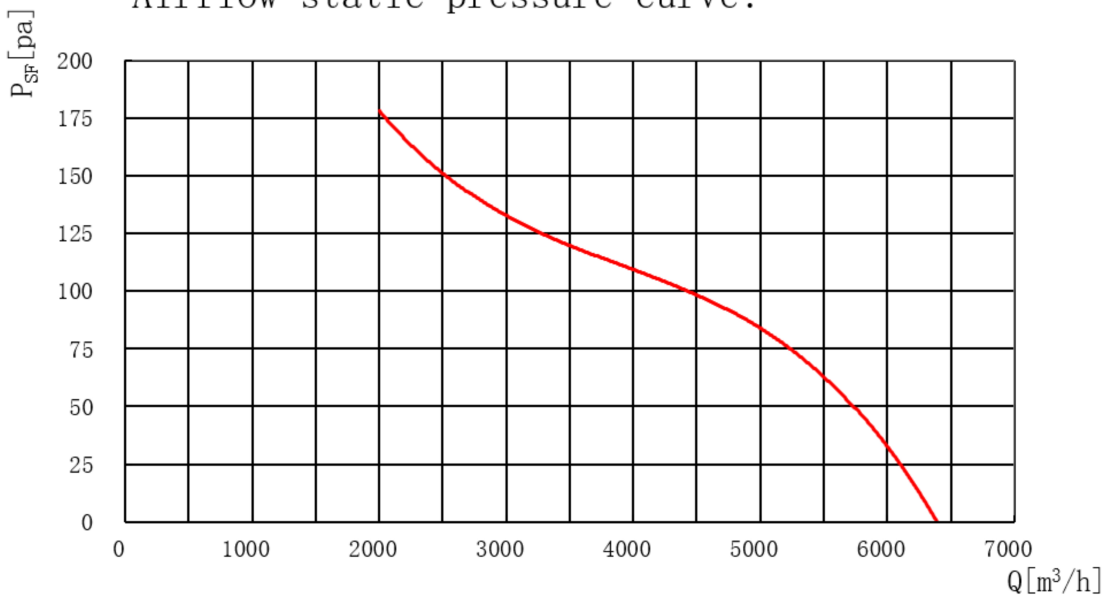
Product wiring diagram



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Product Performance

Airflow-static pressure curve:



静压 St. P.	流量 Air Flow	转速 Speed	电压 Votage	频率 Freq.	电流 Current	功率 Power
Pa	m3/h	RPM	V	Hz	Amp	W
1	6410	1412	232	50	1.85	387
30	6001	1402	233	50	1.95	416
60	5503	1393	231	50	2.02	437
82	5002	1378	231	50	2.08	456
102	4501	1371	230	50	2.13	466
114	4000	1364	231	50	2.17	478
117	3500	1361	230	50	2.21	485
133	3001	1358	229	50	2.21	485
146	2502	1357	232	50	2.26	499
181	2002	1333	231	50	2.43	543