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Specifications

AC Axial Fan

Model : YWF8D-500

Type : S-E5L

Coding : E04190562

Version: V1.0

Date : 2021.10.20

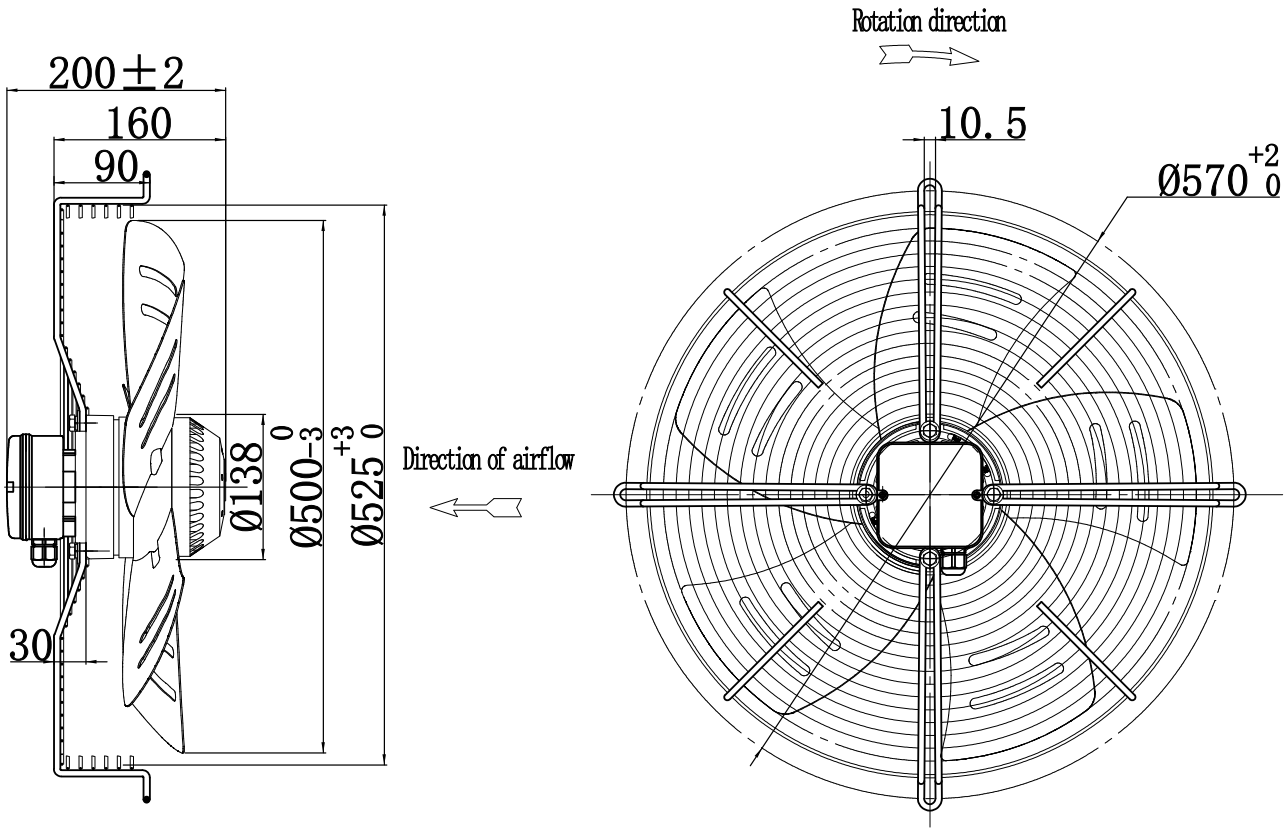
Version	Status	Version update instructions	Date	DRN BY	CHK BY
V1.0	Effective	Initial release	2021-10-20	JX.Chen	XQ.Chen

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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, 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



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Technical Parameters

Power supply	Phase	3
Frequency	HZ	50
Wiring		Y/△
Capacitance	μF	-
Input Voltage	V	380
Input Current	A	0.17/0.41
Input Power	W	75/130
Rated Speed	r/min	610/700
Fan Noise	dB(A)	-
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

VENTILATOR bayoung Exteral Rotor Axial Fan

YWF8D-500 S-E5L E04190562

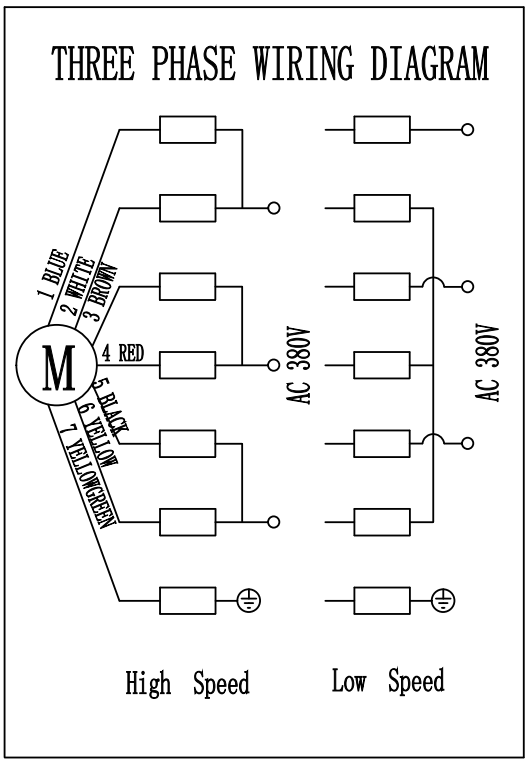
380V-△ 3PH 50Hz 0.41A 130W (输入)

380V-Y 3PH 50Hz 0.17A 75W (输入)

700r/610r/min 3850/3420m³/h 50Pa/25Pa CL.F

Date: 2021.XX

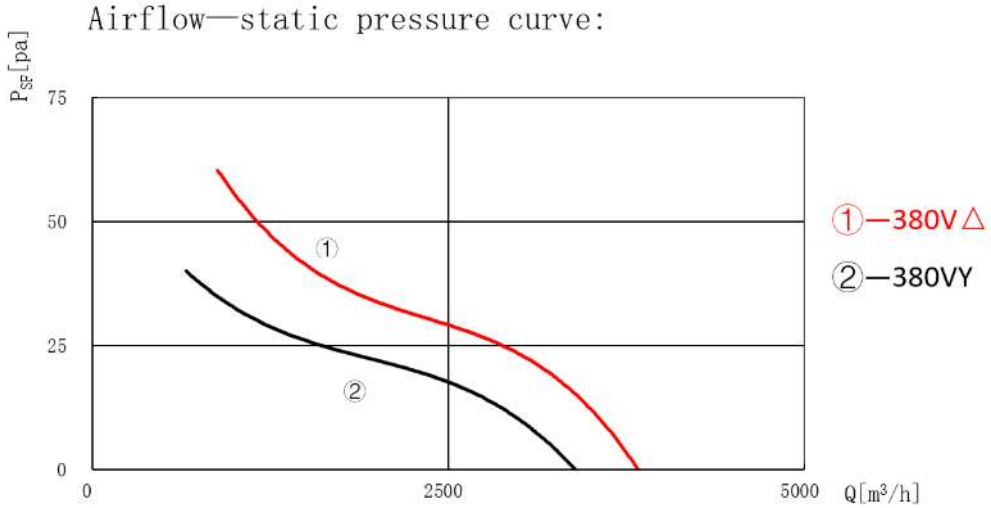
Product wiring diagram



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Product Performance

Airflow—static pressure curve:



St.P.	Air Flow	Speed	Votage	Freq.	Current	Power
Pa	m3/h	RPM	V	Hz	Amp	W
0	3422	533	381Y	50	0.14	55
4	3204	533	379Y	50	0.15	57
9	3000	533	382Y	50	0.15	59
13	2801	533	383Y	50	0.15	61
17	2602	533	380Y	50	0.15	63
20	2402	533	379Y	50	0.15	64
22	2204	533	379Y	50	0.16	65
20	2006	533	378Y	50	0.16	66
23	1802	533	277Y	50	0.16	66
25	1601	533	377Y	50	0.16	67
40	664	533	377Y	50	0.18	77
St.P.	Air Flow	Speed	Votage	Freq.	Current	Power
Pa	m3/h	RPM	V	Hz	Amp	W
0	3856	707	375△	50	0.38	91
7	3602	703	380△	50	0.39	98
17	3305	698	381△	50	0.39	104
23	3001	698	383△	50	0.40	105
28	2701	697	383△	50	0.40	107
32	2403	692	383△	50	0.40	111
31	2100	692	384△	50	0.40	112
36	1801	690	380△	50	0.39	111
40	1499	689	376△	50	0.39	111
50	1203	682	381△	50	0.40	121
60	882	674	381△	50	0.40	127