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Specifications

AC Axial Fan

Model : YWF6D-450

Type : S-E5L

Coding : E04150517

Version: V1.0

Date : 2022.03.03

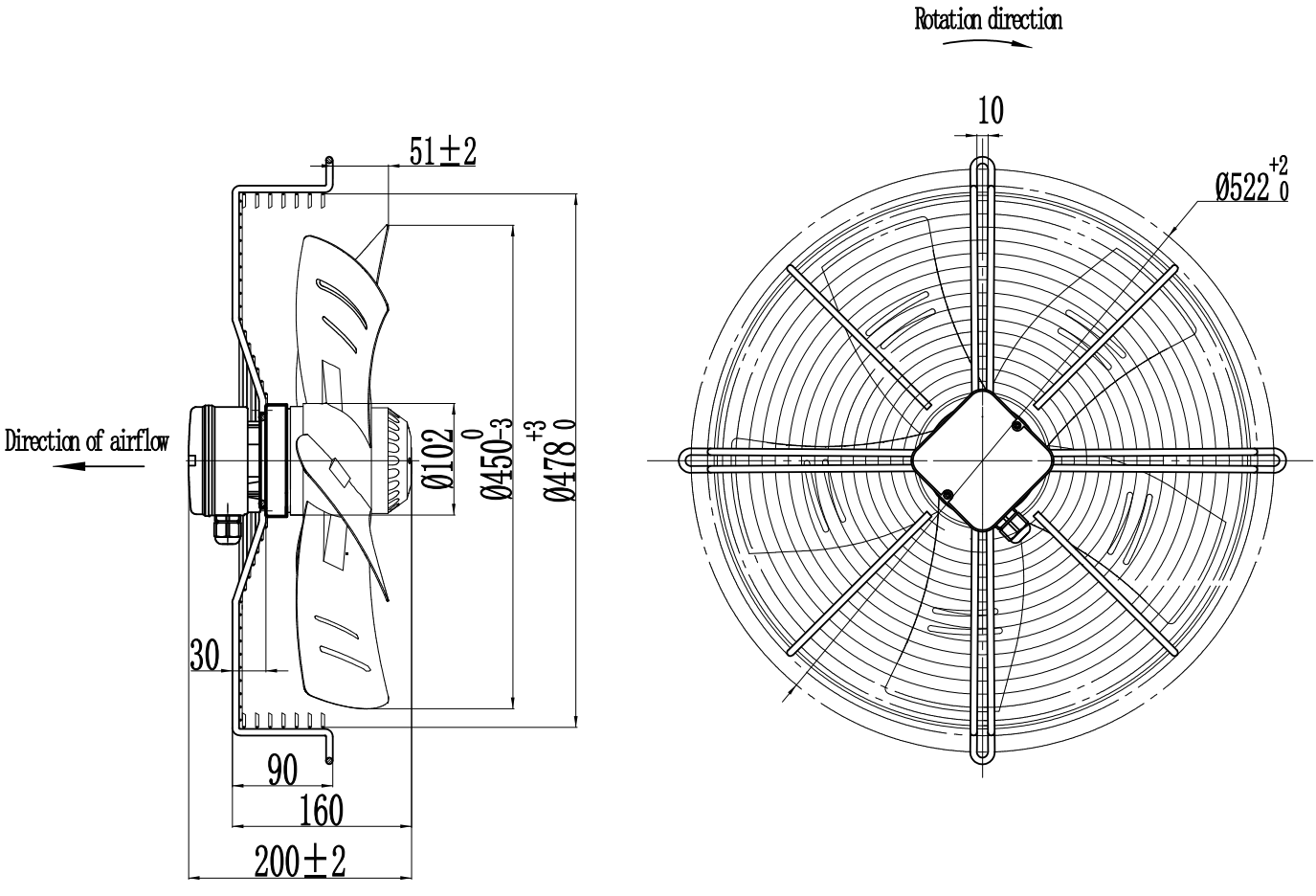
Version	Status	Version update instructions	Date	DRN BY	CHK BY
V1.0	Effective	Initial release	2022-03-03	JX.Chen	XQ.Chen

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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	0.50
Input Power	W	147
Rated Speed	r/min	940
Fan Noise	dB(A)	55
Fan Steering		Counterclockwise(From the motor)
Fan Life	h	40000
Fan Weight	kg	6.8
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

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Label and Product wiring diagram

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External Rotor Axial Fan

CE

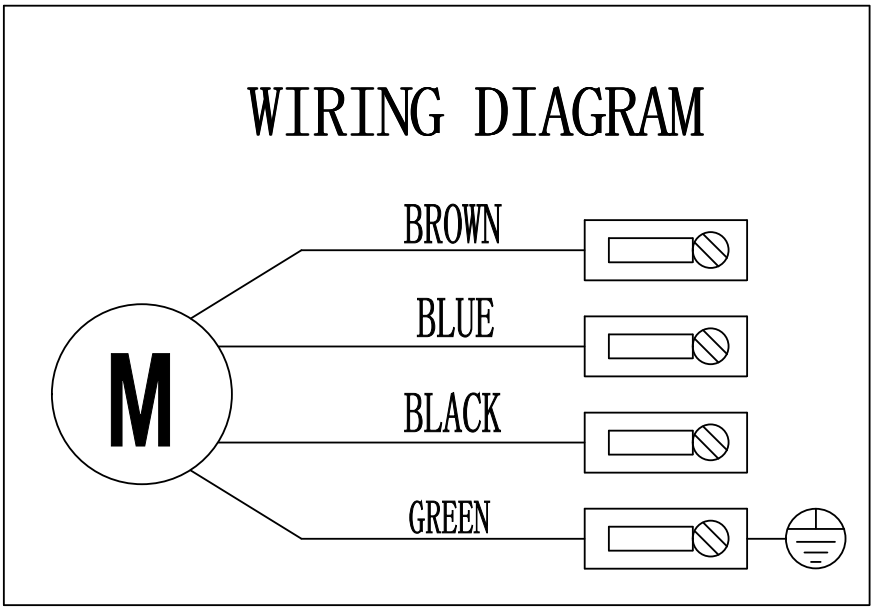
EAC

YWF6D-450 S-E5L E04150517

380V 3PH 50Hz 0.50A 147W

940r/min 3680m³/h 60Pa CL.F Date:2022.XX

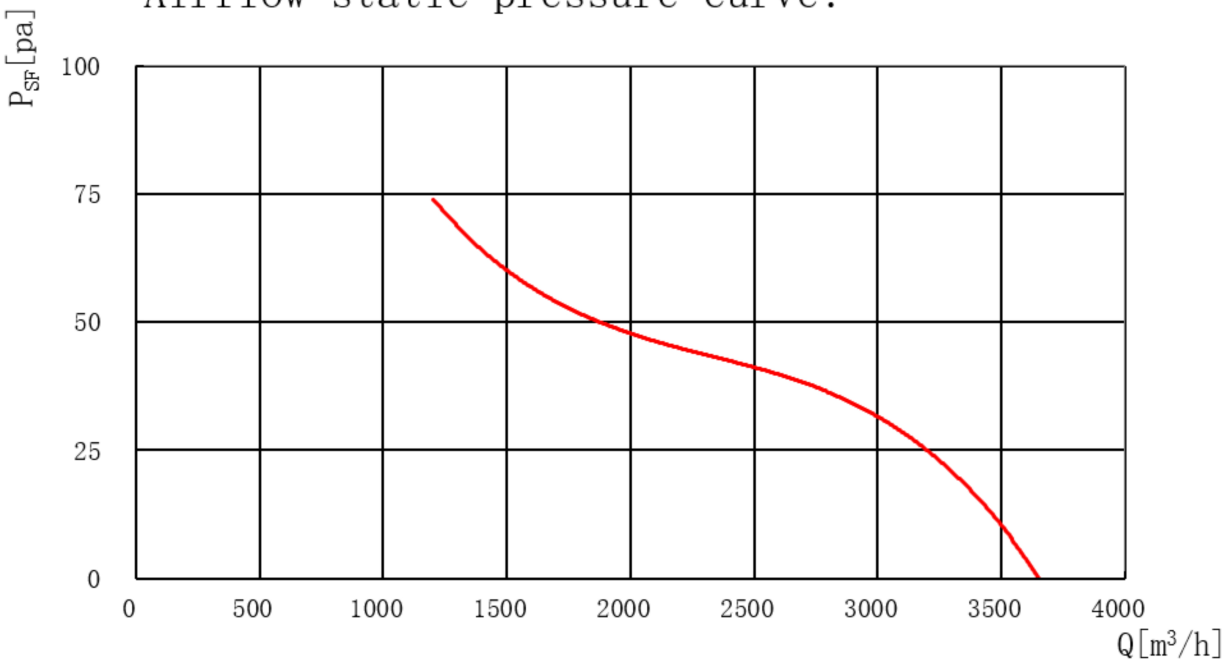
Product wiring diagram



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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	3679	951	401	50	0.52	152
18	3301	943	399	50	0.52	159
30	3004	938	398	50	0.52	166
39	2703	935	399	50	0.53	172
45	2406	934	401	50	0.53	178
48	2107	930	403	50	0.53	182
50	1798	928	402	50	0.53	180
56	1505	922	401	50	0.53	190
76	1200	915	402	50	0.54	205