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Specifications

AC Axial Fan

Model : YWF8D-630

Type : S-E5C

Coding : E04270424

Version: V1.0

Date : 2022.03.17

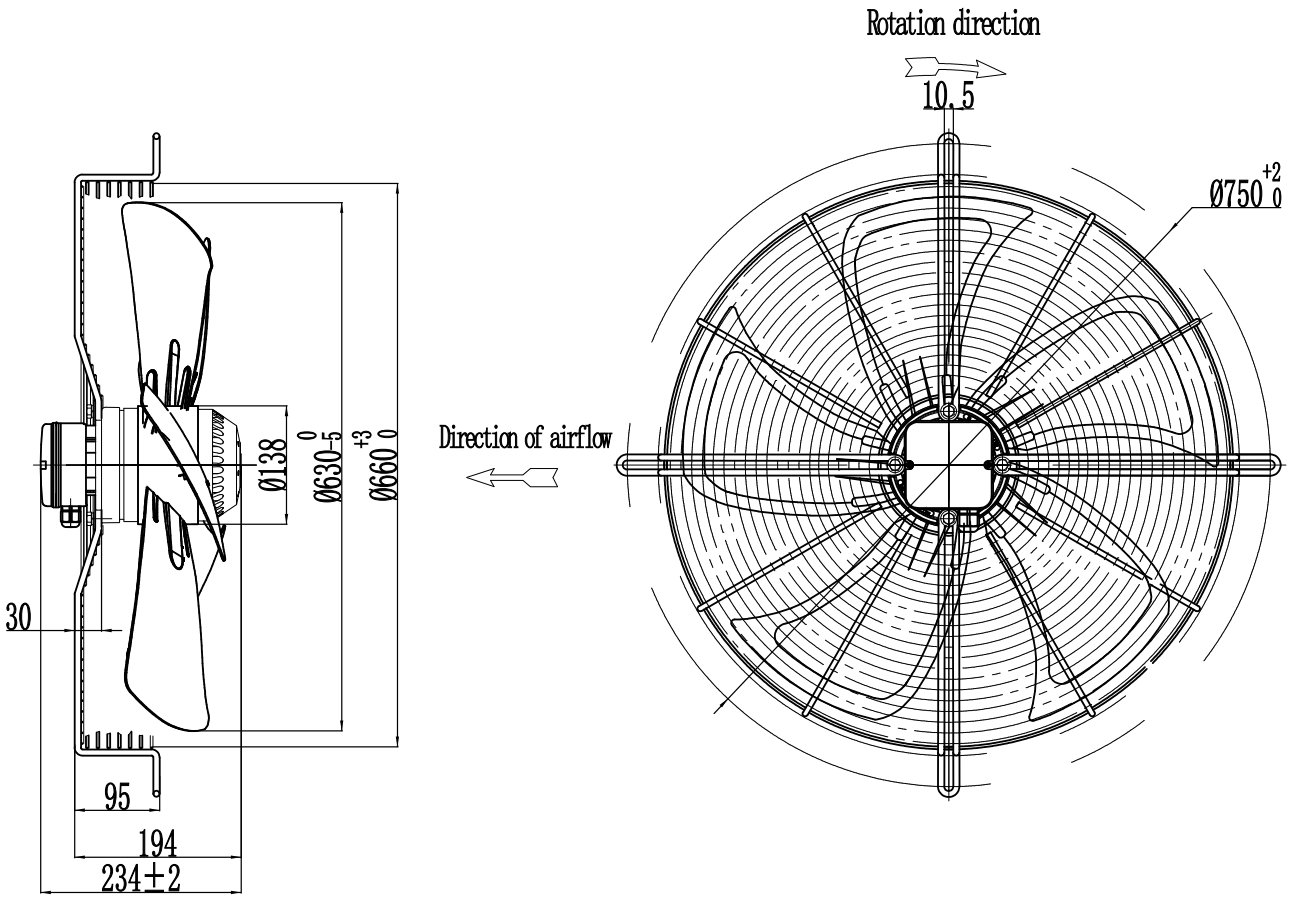
Version	Status	Version update instructions	Date	DRN BY	CHK BY
V1.0	Effective	Initial release	2022-03-17	JX.Chen	XQ.Chen

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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	0.44/1.14
Input Power	W	180/320
Rated Speed	r/min	570/685
Fan Noise	dB(A)	62/65
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

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Label and Product wiring diagram

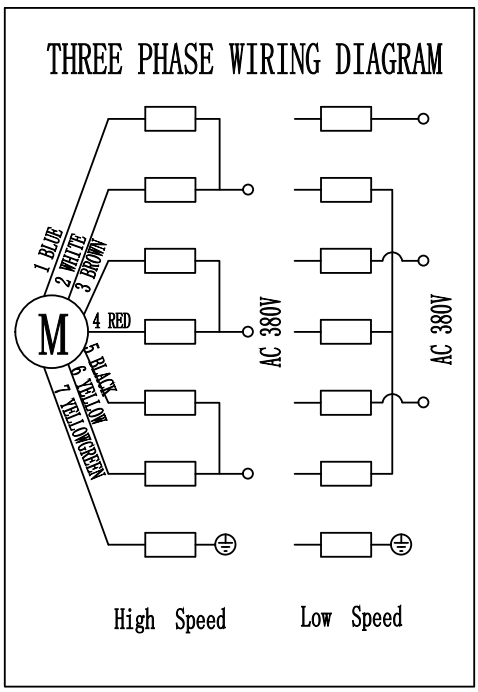
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External Rotor Axial Fan

YWF8D-630 S-E5C E04270424

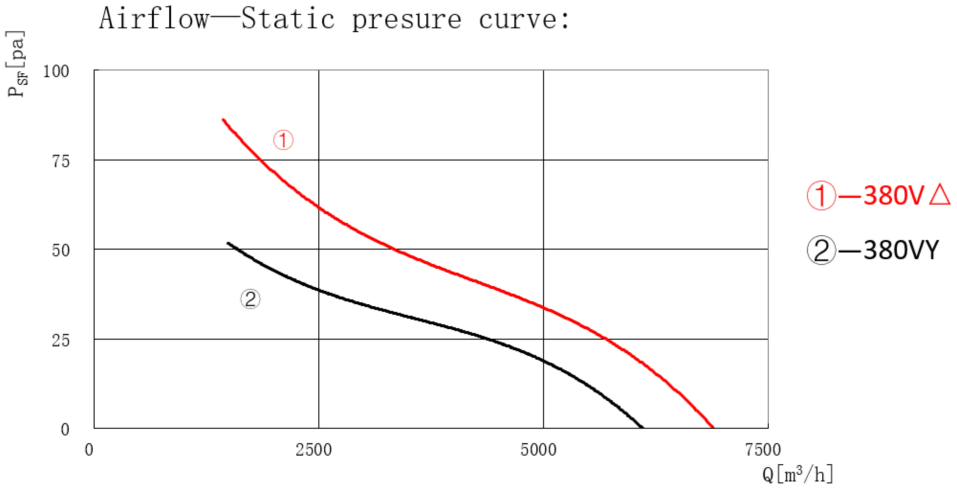
380V-△	3PH	50Hz	1.14A	320W
380V-Y	3PH	50Hz	0.44A	180W
685r/570r/min	6890/6140m³/h	60Pa/40Pa	CL.F	

Product wiring diagram



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Product Performance



St.P.	Air Flow	Speed	Votage	Freq.	Current	Power
Pa	m3/h	RPM	V	Hz	Amp	W
1	6892	701	401	50	1.14	263
16	6196	698	400	50	1.14	274
29	5402	695	400	50	1.14	286
36	4799	692	402	50	1.15	294
44	4123	689	400	50	1.14	298
53	2996	686	396	50	1.12	302
63	2387	680	401	50	1.15	323
69	2157	680	403	50	1.16	331
80	1781	675	402	50	1.16	340
84	1439	672	400	50	1.16	345
St.P.	Air Flow	Speed	Votage	Freq.	Current	Power
Pa	m3/h	RPM	V	Hz	Amp	W
0	6137	620	402	50	0.40	151
11	5502	607	401	50	0.41	161
18	5005	600	401	50	0.42	164
24	4500	593	397	50	0.42	168
28	4004	591	404	50	0.43	172
34	3500	587	402	50	0.43	174
33	3003	587	402	50	0.43	173
36	2507	577	398	50	0.44	178
46	2003	566	404	50	0.45	189
51	1499	540	403	50	0.47	196