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Specifications

AC Axial Fan

Model : YWF6D-800

Type : S-K5P

Coding :

Version: V1.0

Date : 2022.09.22

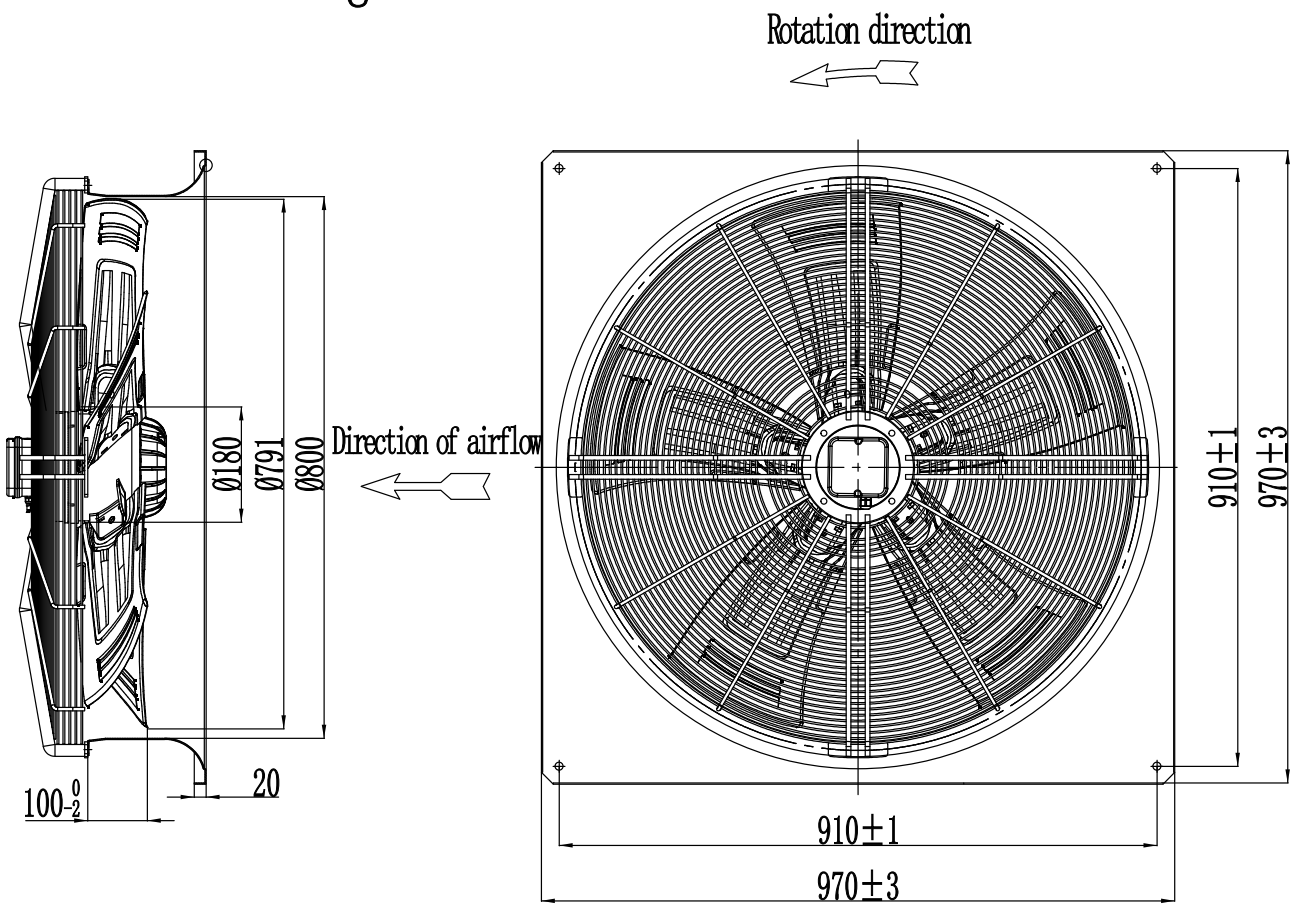
Version	Status	Version update instructions	Date	DRN BY	CHK BY
V1.0	Effective	Initial release	2022-09-22	ZH.Shao	XQ.Chen

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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	3.00/4.95
Input Power	W	1700/2400
Rated Speed	r/min	700/890
Fan Noise	dB(A)	69/76
Fan Steering		Clockwise(From the motor)
Fan Life	h	40000
Fan Weight	kg	-
Protection Level		IP54
Insulation Class		F
Balance Level		G4.0
Ambient Temperature	℃	-25~+60
Environment Humidity		≤90%RH
Impeller Material		Metal+PP
Spray Color		-
Operating Status		S1

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Label and Product wiring diagram

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External Rotor Axial Fan

YWF6D-800 S-K5P XXXXXXXXXX

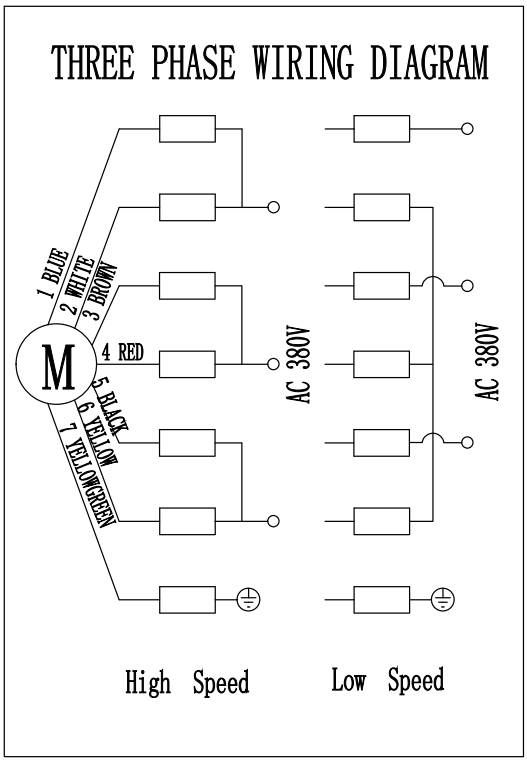
CE

EAC

380V-△	3PH	50Hz	4.95A	2400W
380V-Y	3PH	50Hz	3.00A	1700W

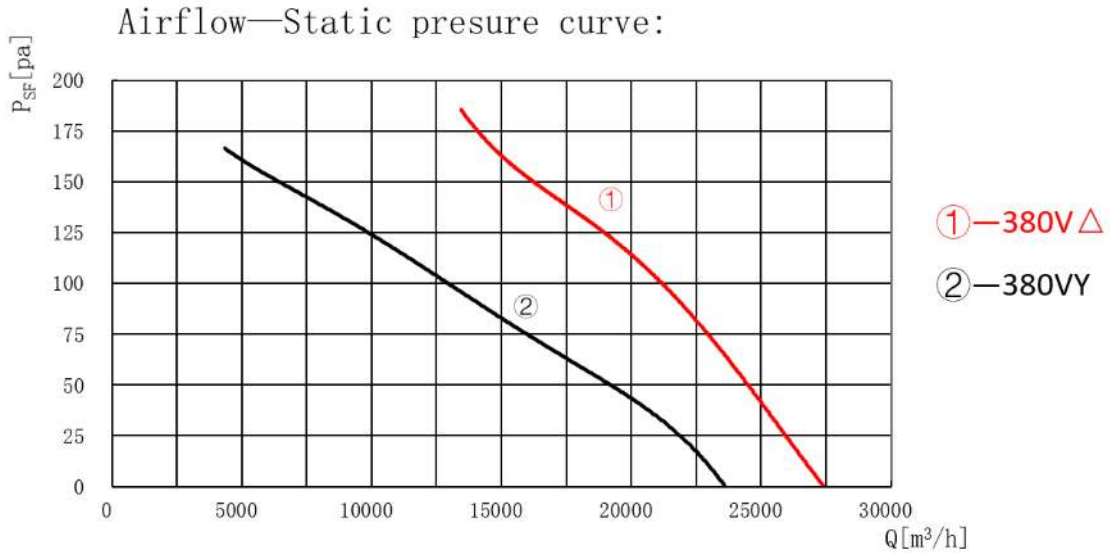
890/700r/min 27400/23600m³/h 120/80Pa CL.F

Product wiring diagram



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Product Performance



St.P.	Air Flow	Speed	Votage	Freq.	Power
Pa	m3/h	RPM	V	Hz	W
0	27424	922	400△	50	1725
20	26157	912	400△	50	1817
41	25227	908	400△	50	1978
62	23635	900	400△	50	2064
83	22198	895	400△	50	2175
104	21177	892	400△	50	2298
125	18990	887	400△	50	2372
145	16378	882	400△	50	2446
164	15176	879	400△	50	2460
185	13440	876	400△	50	2558
St.P.	Air Flow	Speed	Votage	Freq.	Power
Pa	m3/h	RPM	V	Hz	W
0	23629	794	400Y	50	1374
21	22146	776	400Y	50	1477
42	20076	757	400Y	50	1555
63	17838	737	400Y	50	1623
84	14756	718	400Y	50	1708
104	12216	700	400Y	50	1739
125	10299	691	400Y	50	1796
145	6906	670	400Y	50	1852
167	4346	631	400Y	50	1949