

Specifications

AC Axial Fan

Model : YWF6D-800

Type : S-E5P

Coding : E040160004

Version: V1.0

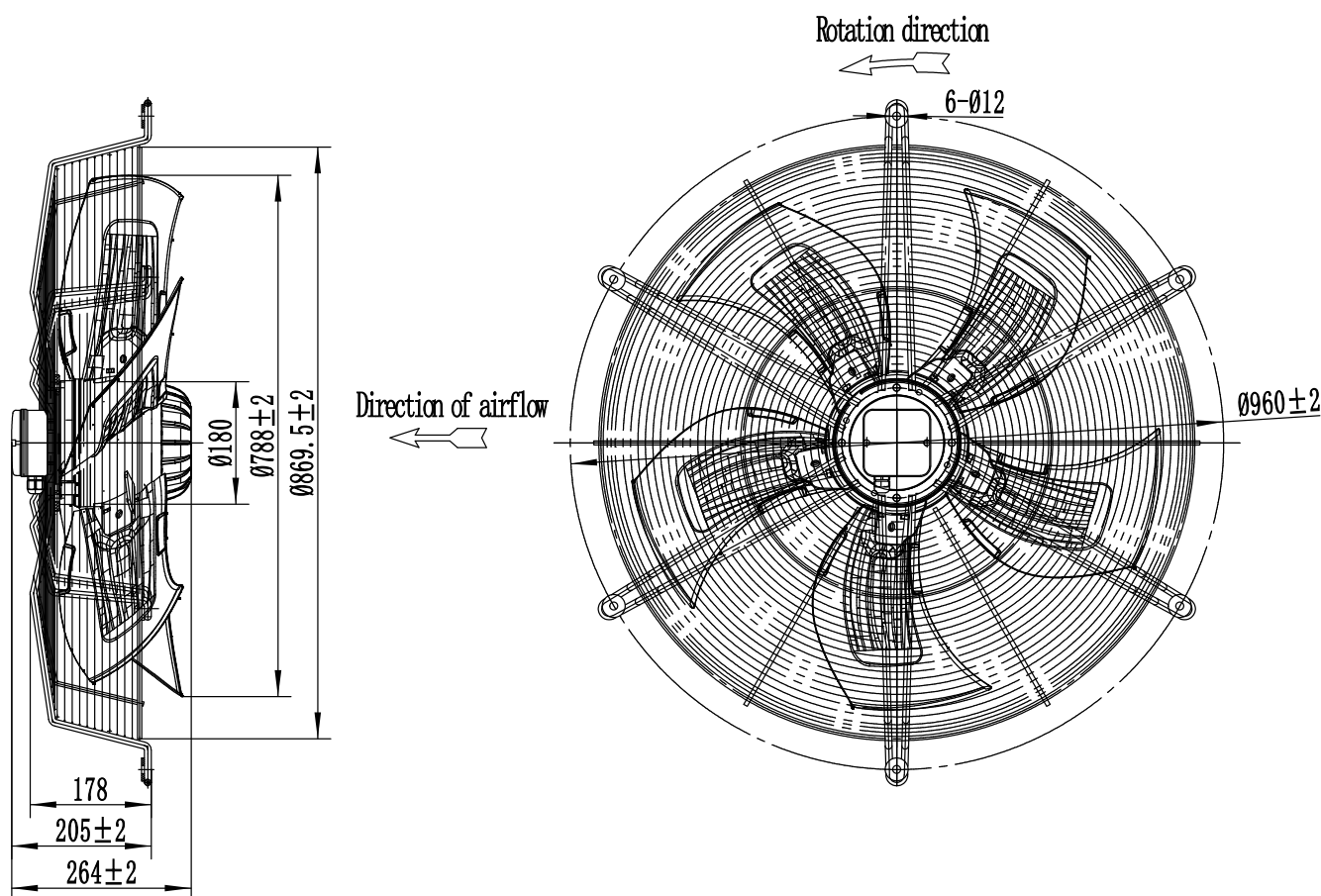
Date : 2025.04.09

Version	Status	Version update instructions	Date	DRN BY	CHK BY
V1.0	Effective	Initial release	2025-04-09	ZH. Shao	XQ. Chen

Standards

- GB12350 《Safety Requirments of small Power motors》
- GB755/IEC60034-1 rotary motor quota and performance
- 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



Technical Parameters

Power supply	Phase	3
Frequency	Hz	50
Wiring		Y/ Δ
Capacitance	μ F	-
Input Voltage	V	400
Input Current	A	2.16/3.90
Input Power	W	1275/1850
Rated Speed	r/min	785/918
Fan Noise	dB(A)	69/73
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	$^{\circ}$ C	-40 $\sim$ +60
Environment Humidity		$\leq$ 90%RH
Impeller Material		Metal+PP
Spray Color		-
Operating Status		S1

Label

VENTILATOR

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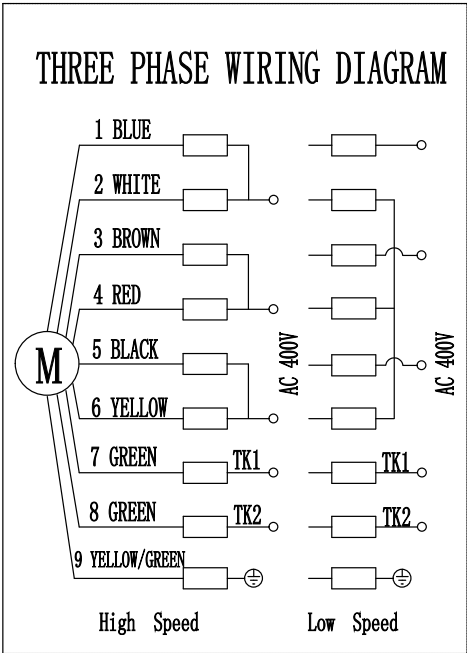
Axial Fan

CE

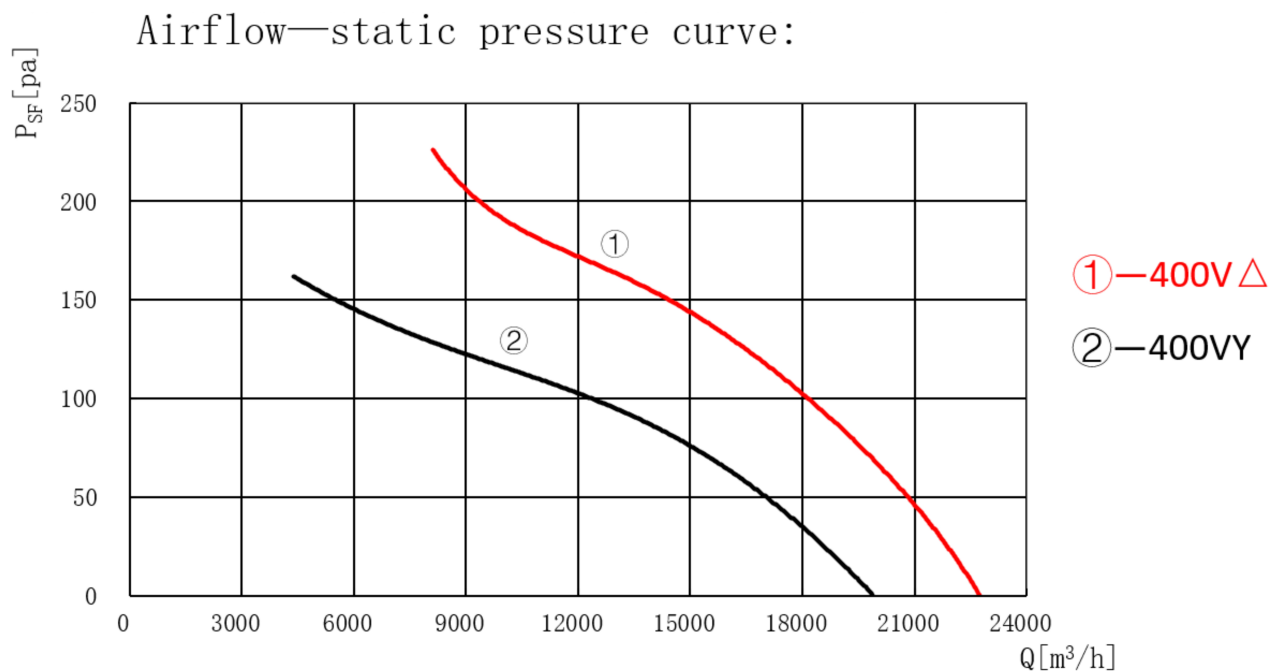
EAC

YWF6D-800	S-E5P	E040160004			
400V-△	3PH	50Hz	3.90A	1850W	918r/min
400V-Y	3PH	50Hz	2.16A	1275W	785r/min
22758/19890m³/h	140/65Pa	IP54	CL.F	Date:XX/XX	

Product wiring diagram



Product Performance



St. P.	Air Flow	Speed	Voltage	Freq.	Current	Power
Pa	m³/h	RPM	V	Hz	Amp	W
1	22758	942	400△	50	3.55	1484
25	21821	939	400△	50	3.61	1522
51	20738	934	400△	50	3.68	1596
76	19606	930	400△	50	3.76	1665
101	18101	925	400△	50	3.85	1755
126	16363	919	400△	50	3.89	1805
152	14008	915	400△	50	4.00	1927
177	11746	912	400△	50	4.03	1989
202	9097	908	400△	50	4.08	2022
227	8102	900	400△	50	4.25	2184
St. P.	Air Flow	Speed	Voltage	Freq.	Current	Power
Pa	m³/h	RPM	V	Hz	Amp	W
0	19887	822	400Y	50	1.92	1153
21	18836	806	400Y	50	2.03	1182
40	17649	800	400Y	50	2.06	1247
61	16224	790	400Y	50	2.13	1276
81	14483	777	400Y	50	2.23	1324
101	12281	760	400Y	50	2.32	1381
122	9020	745	400Y	50	2.41	1421
142	6464	716	400Y	50	2.55	1510
162	4387	688	400Y	50	2.71	1583