

Specifications

AC Axial Fan

Model : YWF6D-800

Type : S-K5P

Coding : E020150005

Version: V1.1

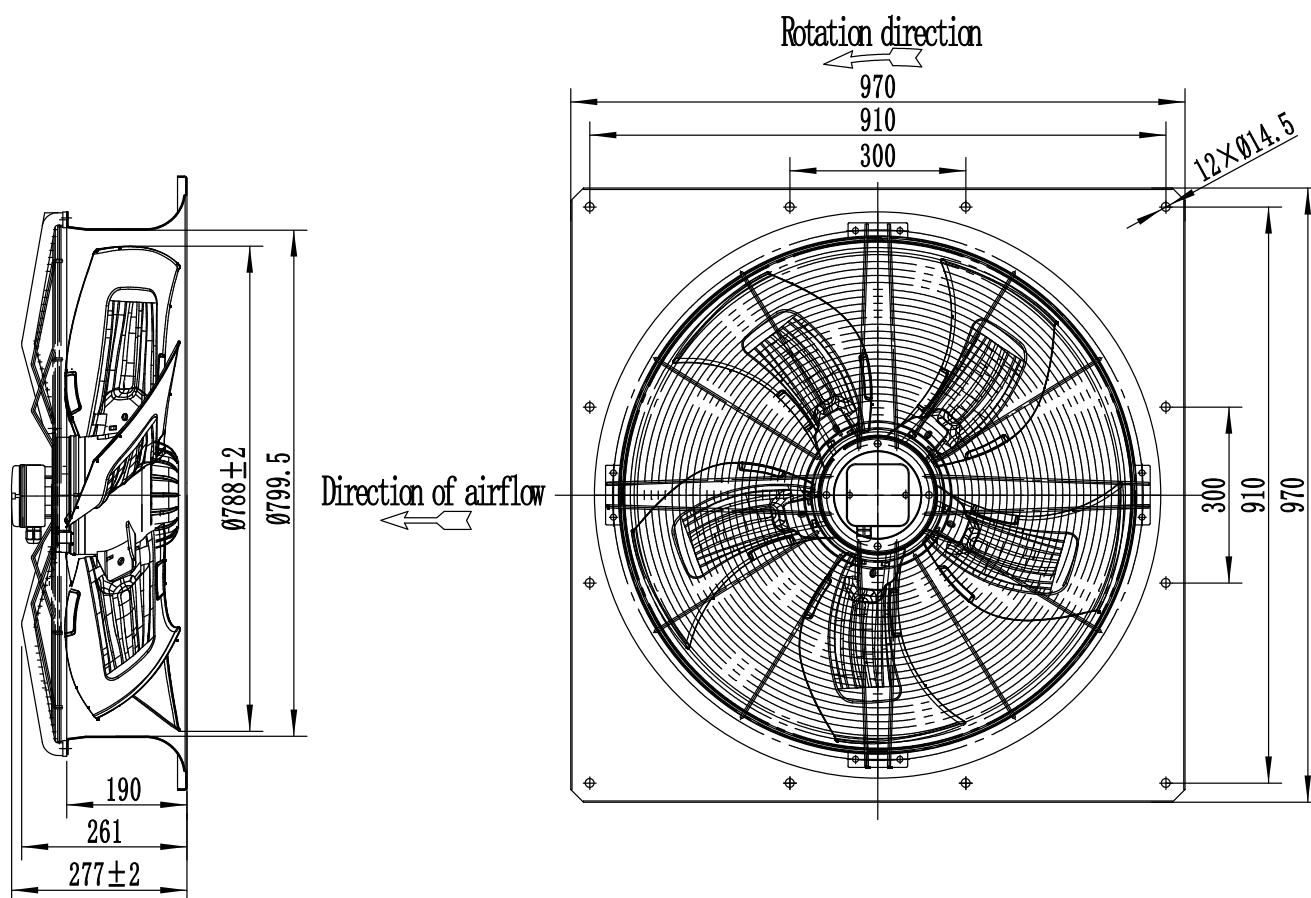
Date : 2026.01.29

Version	Status	Version update instructions	Date	DRN BY	CHK BY
V1.0	Voided	Initial release	2025-03-05	ZH. Shao	XQ. Chen
V1.1	Effective	Update the product label	2026-01-29	YX. Jiang	XQ. Chen

Standards

- GB12350 《Safety Requirements 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



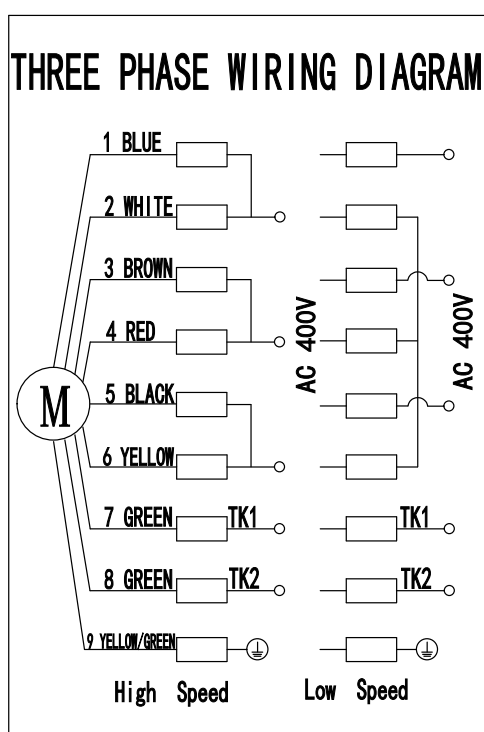
Technical Parameters

Power supply	Phase	3
Frequency	Hz	50
Wiring		Y/ Δ
Capacitance	μ F	-
Input Voltage	V	400
Input Current	A	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	$^{\circ}$ C	-25 $\sim$ +60
Environment Humidity		$\leq$ 90%RH
Impeller Material		PP+Metal
Spray Color		-
Operating Status		S1

Label

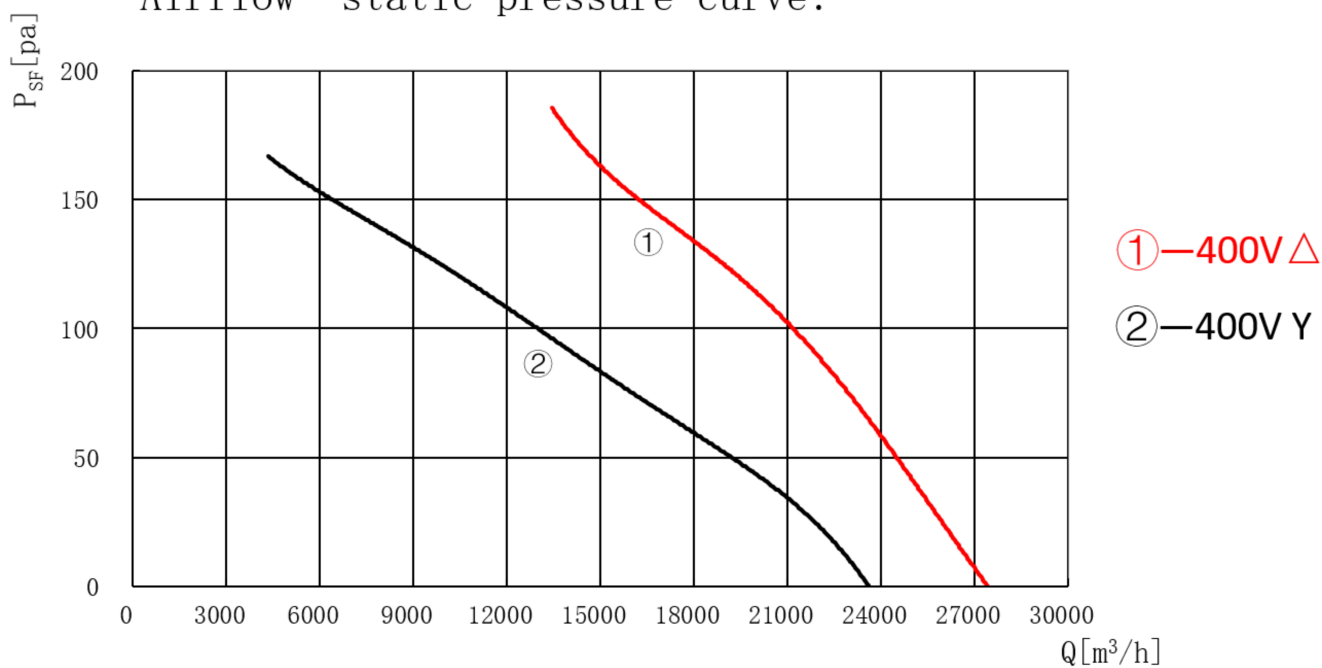
VENTILATOR Dayoung		Axial Fan				CE EAC	
YWF6D-800		S-K5P		E020150005			
400V-△	3PH	50Hz	4.95A	2400W	890r/min		
400V-Y	3PH	50Hz	3.00A	1700W	700r/min		
27400/23600m³/h		120/80Pa		IP54	CL.F	Date:XX/XX	

Product wiring diagram



Product Performance

Airflow—static pressure curve:



St. P.	Air Flow	Speed	Voltage	Freq.	Power
Pa	m ³ /h	RPM	V	Hz	W
0	27424	922	400 Δ	50	1725
20	26157	912	400 Δ	50	1817
41	25227	908	400 Δ	50	1978
62	23635	900	400 Δ	50	2064
83	22198	895	400 Δ	50	2175
104	21177	892	400 Δ	50	2298
125	18990	887	400 Δ	50	2372
145	16378	882	400 Δ	50	2446
164	15176	879	400 Δ	50	2460
185	13440	876	400 Δ	50	2558
St. P.	Air Flow	Speed	Voltage	Freq.	Power
Pa	m ³ /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