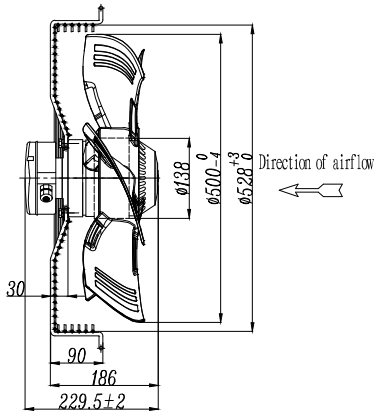
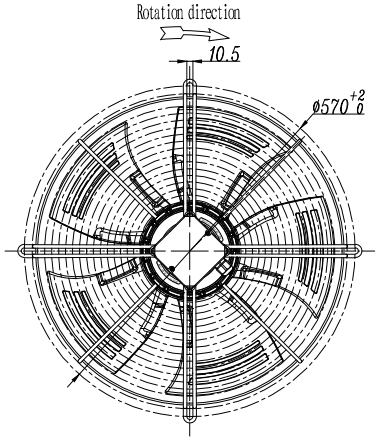
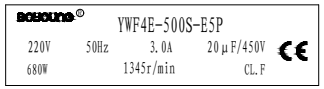
Serial NO.	P500S-4E1.E-01
Drawing NO.	01/A



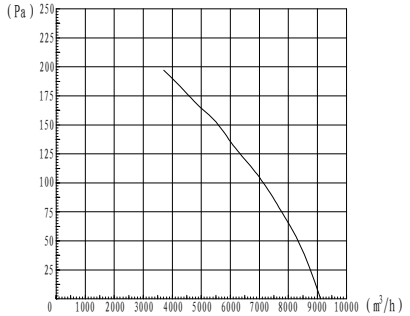
Direction of airflow



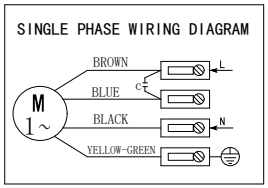
Label:



(Airflow-static pressure curve):



Wiring diagram:



St.P.	Air Flow	Speed	Votage	Freq.	Current	Power
Pa	m3/h	RPM	V	Hz	Amp	W
0	9112	1400	220	50	2.52	565
45	8504	1383	220	50	2.64	593
69	7904	1372	220	50	2.76	623
95	7299	1362	220	50	2.93	673
115	6703	1356	220	50	2.95	678
131	6100	1350	220	50	2.99	682
155	5500	1345	220	50	3.0	684
165	4905	1346	220	50	3.0	682
183	4303	1347	220	50	3.06	699
197	3707	1345	220	50	3.13	723

BOYOUNG® Axial Fan

Partname: YWF4E-500 Axial Fan		Customer:
Insulation class: F	Protection Class: IP54	Type of Duty: S1

Permissible ambient temperature: -25~+60℃

Approvals: CE

Nomenclature:

Model: YWF 4 E - 500
- 500: Propeller Diameter
- E: D: Three-Phase E: Single-Phase
- 4: Number of Motor Pole: 4 Pole
- YWF: External Rotor Fan Motor

Feature Code: S - E 5 P
- P: Blade Shape: P: Plastic Siamesed-Shaped
- 5: Quantity of Blade: 5
- E: Installation Form: Standard grid
- S: Airflow direction: B: Blowing S: Sucking

High -Voltage test according to EN 60335-1 2100V

Built in thermal protector 135 ℃

Material / surface treatment: blade specification PP + GF
Electrophoretic treatment of cast aluminum rotor surface

Balance Grade: G4.0 (Propeller is dynamic balanced at two sides

Model	Feature Code	Voltage	Frequency	Current	Power input	Speed	Capacitance	Air flow/max	Max. static pressure	N.W.	Noise
		V	Hz	A	W	r/min	μF	m³/h	Pa	Kg	dB(A)
YWF4E-500	S-E5P.3BEB.011	220	50	3.0	680	1345	20	9112	125	9.8	72

	Sign	Date
DRN BY	周晓伟	2020.09.23
CHK BY	曹广涛	2020.09.23
APVD BY	吴华君	2020.09.23

Wenling Dayang Electric Co.,Ltd

Specification

P500S-4E1.E-01