



Specification for Approval

Confirmation Signature

Approved by
 <p>The stamp is circular with the company name in Chinese and English. The English text includes 'SINWAN ELECTRIC INDUSTRIES CO., LTD.', 'TEL:02-26620728', and 'FAX:02-26627019'. The Chinese text includes '信譽電機企業股份有限公司' and '新北產業園區北深路3段270巷18號8樓'.</p>

★ Please send one copy of this specification back after you signed for production pre- arrangement.

Model:	S109AP-22-1TB (MS)
Customer Model:	
Customer:	
Address:	
Prepared by:	R/D Dept.
Version A.	2020.07.17
Version B.	
Version C.	
Note:	

Sinwan Electric Industries Co., Ltd.
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1. Characteristics – S109AP-22-1TB (MS)

- a. AC Fan
- b. 120x120x38.5mm / 4.7x1.5inch
- c. 95CFM(50Hz) / 110CFM(60Hz)



Motor

Motor Type: Inner rotor, Shaded pole induction, 1-phase

Burnout Protection: Impedance protected

IP Protection: -

Mechanical

Frame: Aluminum die cast, black color

Impeller: 5 blades, glass fiber reinforced plastic, rated UL94V-0

Bearing: Two ball bearings

Rotation: CCW seen on rotor

Connection: Terminal flat pin

Weight: 530g (1.16Lbs)

Electrical

Dielectric Strength: Over 1 min, at 1,500 VAC 50/60Hz

Insulation Resistance: Over 100MΩ at DC 500V

Signal Output: -

Environment

Operating Temp: -20°C ~ +70°C

Storage Temp: -40°C ~ +100°C (at 65%RH)

Life Expectancy: Based on formula L10, 80K hours at 45°C, 50K hours at 60°C

Approval

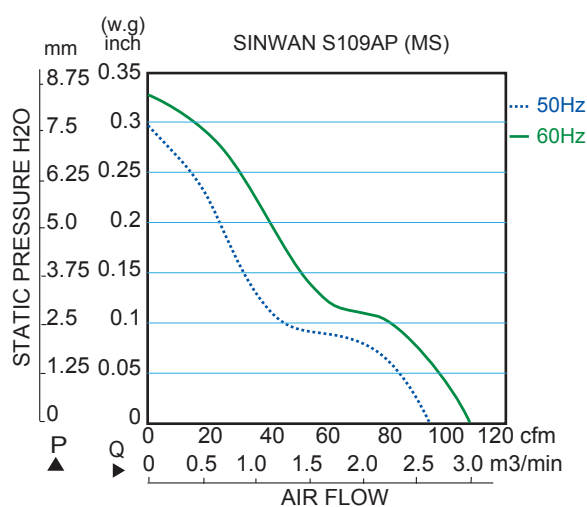


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2. Test Results Data

S109AP-22-1TB (MS)			
1.	Rated Voltage	VAC	230
2.	Voltage Range	VAC	200~240
3.	Freq.	Hz	50/60
4.	Input Power	Watt.	17/15(~21)
5.	Ref. Speed	RPM	2700/3000
6.	Max Airflow	CFM	95/110
		m3/min	2.7/3.1
7.	Max Static Pressure	Inch/H2O	0.30/0.33
		mm	7.62/8.38
8.	Noise	db(A)	42/45
Note: Sinwan reserves the right to change data and improve electrical & mechanical design without notice, data tolerance $\pm 10\%$			

3. P-Q Curves



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4. Drawings

