

SUNON®



DC Brushless Fan & Blower
for Automotive

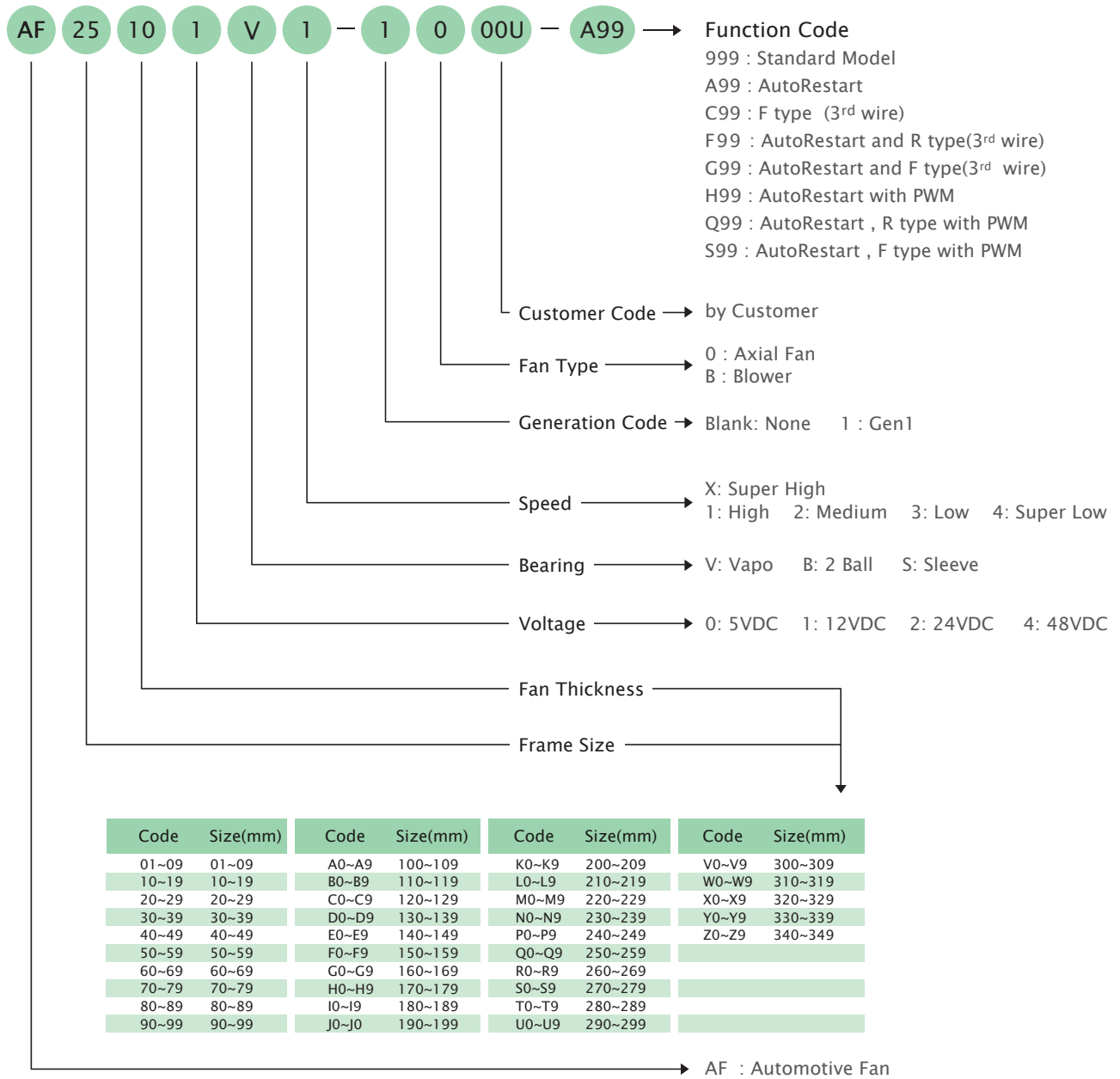
*All products are RoHS compliant.

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■ DC Fan New Model Numbering System



Certification



※ Note : For critical or extreme environments, including non stop operation, please contact SUNON and we will gladly provide assistance with your product selection to ensure an appropriate cooling product for your application.

※ Note : The "Life Expectancy" of the fan has not been evaluated for use in combination with any end application. Therefore, the Life Expectancy Test Reports(L10 and MTTF Report) that relate to the fan are only for reference.

25x25x10mm Meets AEC-Q100
EMC CISPR 25 Class 3 Protection

1.3 CFM



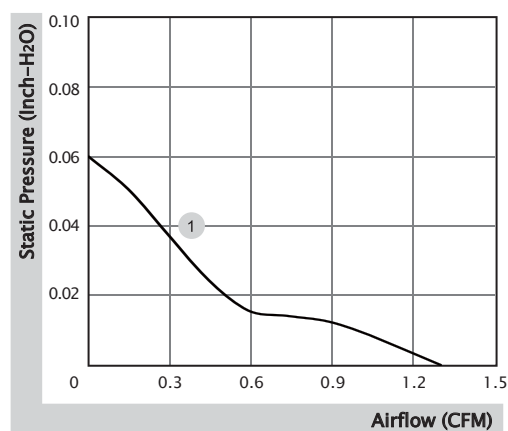
Specifications

	Bearing	Rating Voltage	Power Current	Power Consumption	Speed	Air Flow	Static Pressure	Noise	Weight	Operating Temp.	Curve
	● VAPO	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	(°C)	
AF25101VX-1000U-A99	●	12	20	0.24	6000	1.3	0.06	27.1	7.52	-40~90	1

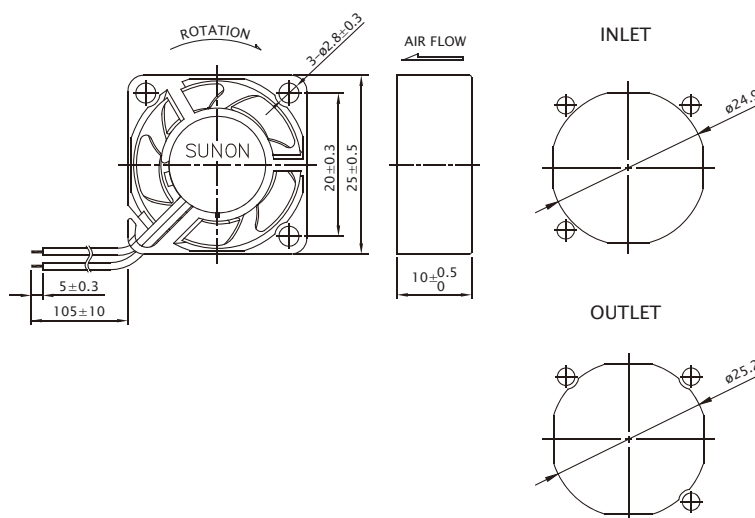
Function F Type : G99 / PWM : S99
IP52 : AL9, GL9, SL9

Safety : TUV / UL / CUR

Air Flow-Static Pressure Characteristics



External Dimensions(mm)



*All model can be customized. Please contact Sunon Sales.

*Specifications are subject to change without notice. Please visit SUNON website at www.sunon.com for update information.

40x40x10mm

Meets AEC-Q100
EMC CISPR 25 Class 2 Protection

7.5 CFM



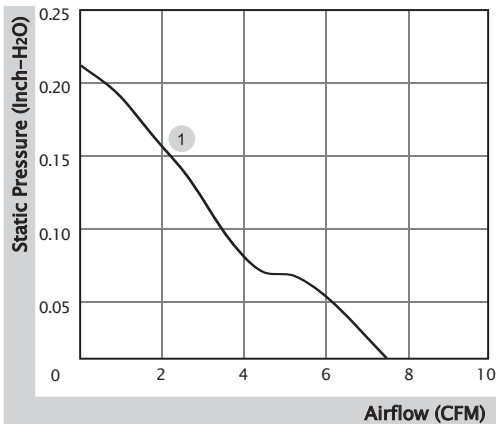
Specifications

	Bearing	Rating Voltage	Power Current	Power Consumption	Speed	Air Flow	Static Pressure	Noise	Weight	Operating Temp.	Curve
	● VAPO	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	(°C)	
AF40100VX-1000U-A99	●	5	120	0.60	8000	7.5	0.21	30.7	15.5	-40~90	1
AF40101VX-1000U-A99	●	12	65	0.78	8000	7.5	0.21	30.7	15.5	-40~90	1

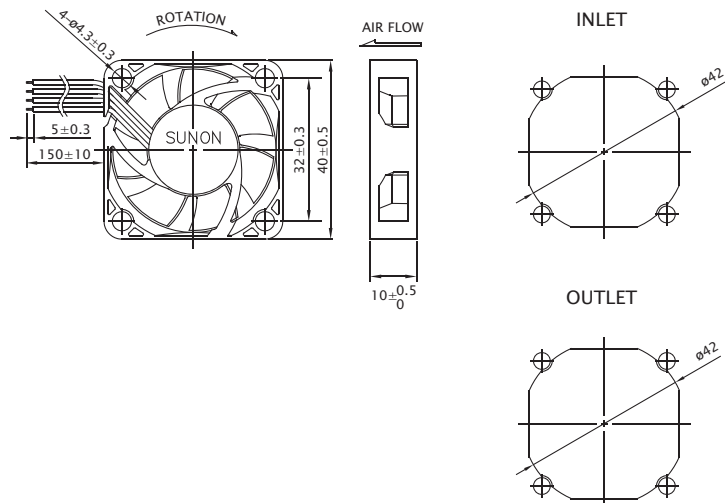
Function F Type : G99 / PWM : S99
IP52 : AL9, GL9, SL9

Safety : TUV / UL / CUR

Air Flow-Static Pressure Characteristics



External Dimensions(mm)



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40x40x10mm Meets AEC-Q100
EMC CISPR 25 Class 1 Protection

2.8 CFM



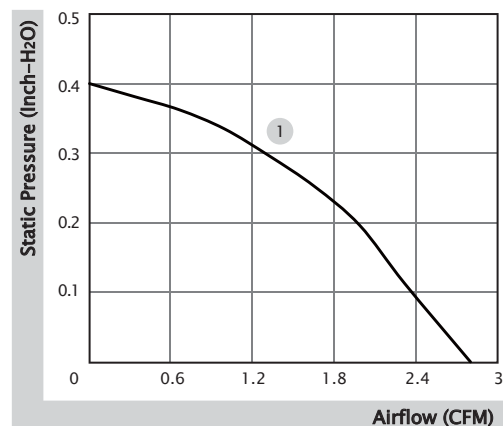
Specifications

	Bearing	Rating Voltage	Power Current	Power Consumption	Speed	Air Flow	Static Pressure	Noise	Weight	Operating Temp.	Curve
	● VAPO	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	(°C)	
AF40100VX-1B00U-A99	●	5	145	0.73	6000	2.8	0.40	30.1	15.0	-40~85	1
AF40101VX-1B00U-A99	●	12	50	0.60	6000	2.8	0.40	30.1	15.0	-40~85	1

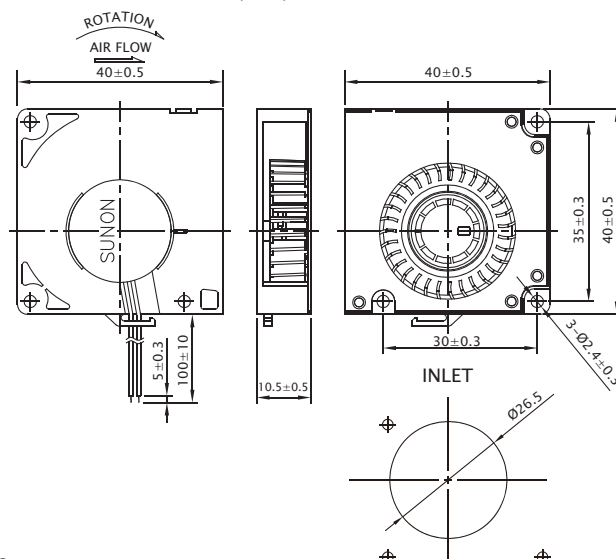
Function F Type : G99 / PWM : S99
IP52 : AL9, GL9, SL9

Safety : TUV / UL / CUR

Air Flow-Static Pressure Characteristics



External Dimensions(mm)



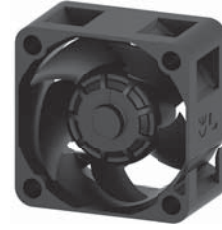
*All model can be customized. Please contact Sunon Sales.

*Specifications are subject to change without notice. Please visit SUNON website at www.sunon.com for update information.

40x40x20mm

Meets AEC-Q100
EMC CISPR 25 Class 2 Protection

11.0 CFM



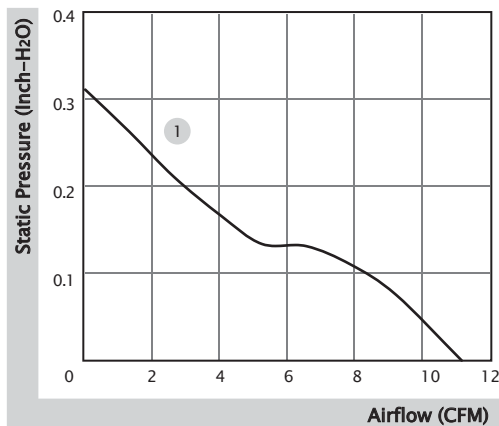
Specifications

	Bearing	Rating Voltage	Power Current	Power Consumption	Speed	Air Flow	Static Pressure	Noise	Weight	Operating Temp.	Curve
	● VAPO	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	(°C)	
AF40200VX-1000U-A99	●	5	180	0.90	8600	11.0	0.31	30.5	27.0	-40~90	1
AF40201VX-1000U-A99	●	12	76	0.92	8600	11.0	0.31	30.5	27.0	-40~90	1

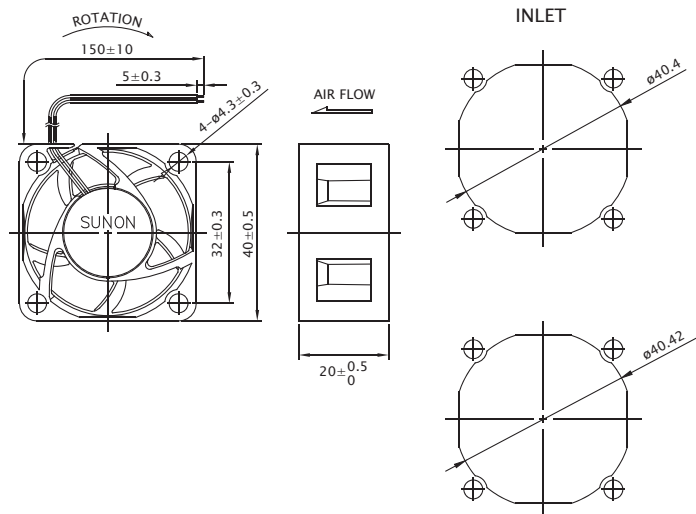
Function F Type : G99 / PWM : S99
IP52 : AL9, GL9, SL9

Safety : TUV / UL / CUR

Air Flow-Static Pressure Characteristics



External Dimensions(mm)



*All model can be customized. Please contact Sunon Sales.

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50x50x15mm Meets AEC-Q100
EMC CISPR 25 Class 2 Protection

20.2 CFM



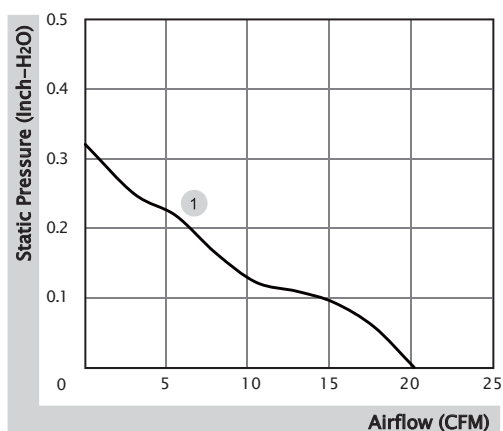
Specifications

	Bearing	Rating Voltage	Power Current	Power Consumption	Speed	Air Flow	Static Pressure	Noise	Weight	Operating Temp.	Curve
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	(°C)	
AF50151BX-1000U-A99		12	133	1.60	7200	20.2	0.32	38.6	30.0	-40~85	1

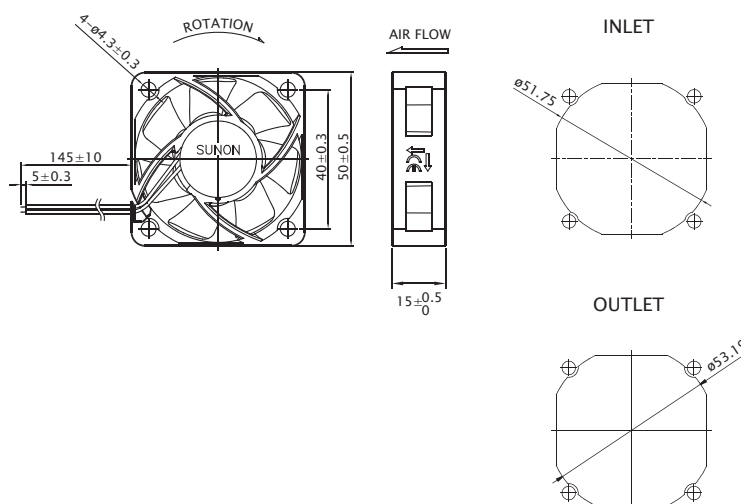
Function F Type : G99 / PWM : S99
IP52 : AL9, GL9, SL9

Safety : TUV

Air Flow-Static Pressure Characteristics



External Dimensions(mm)



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60x60x15mm Meets AEC-Q100
EMC CISPR 25 Class 1 Protection

19.8 CFM



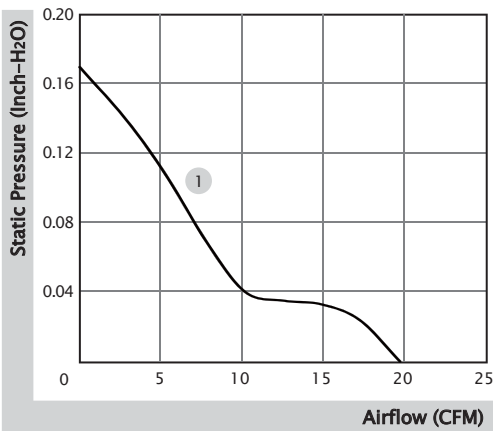
Specifications

	Bearing	Rating Voltage	Power Current	Power Consumption	Speed	Air Flow	Static Pressure	Noise	Weight	Operating Temp.	Curve
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	(°C)	
AF60151B2-1Q16U-S99		12	74	0.89	4000	19.8	0.17	28.5	37.0	-10~90	1

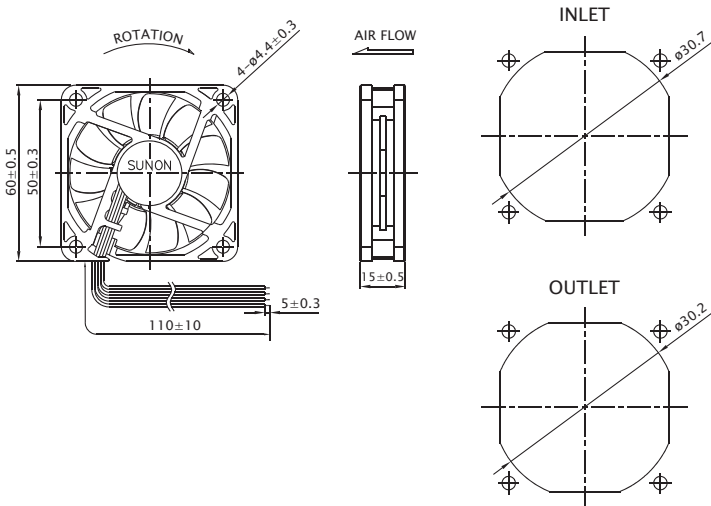
Function PWM : S99

Safety : TUV / UL / CUR

Air Flow-Static Pressure Characteristics



External Dimensions(mm)



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60x60x25mm

Meets AEC-Q100
EMC CISPR 25 Class 5 Protection

26.1 CFM



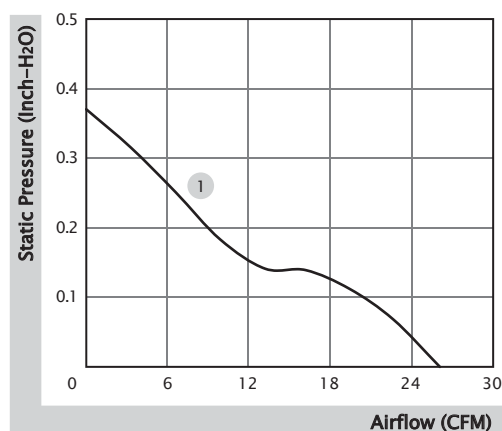
Specifications

	Bearing	Rating Voltage	Power Current	Power Consumption	Speed	Air Flow	Static Pressure	Noise	Weight	Operating Temp.	Curve
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	(°C)	
AF60251B2-1Q07U-SE9		12	134	1.61	6200	26.1	0.37	37.2	94.8	-40~105	1

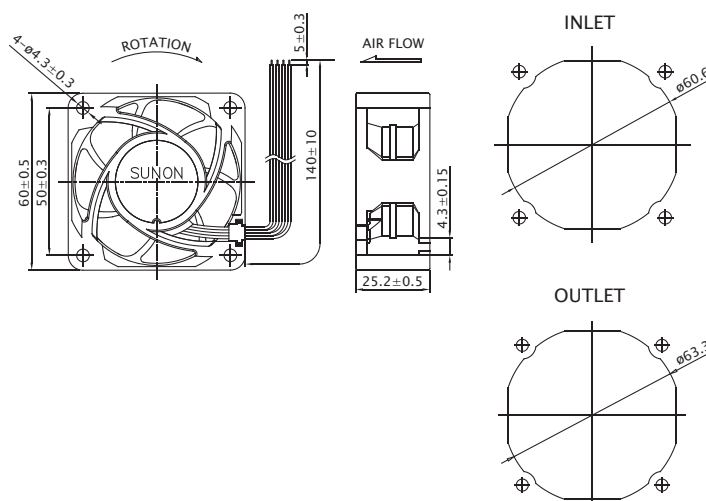
Function IP68 : SE9

Safety : UKCA / CE / TUV

Air Flow-Static Pressure Characteristics



External Dimensions(mm)



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100x100x25mm Meets AEC-Q100

18.4 CFM



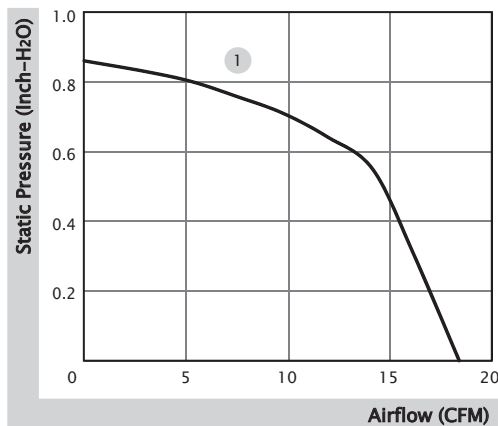
Specifications

	Bearing	Rating Voltage	Power Current	Power Consumption	Speed	Air Flow	Static Pressure	Noise	Weight	Operating Temp.	Curve
	2 BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	(°C)	
AFA0251B1-1B00U-H99		13.5	520	7.02	3800	18.4	0.86	52.3	110.0	-40~85	1

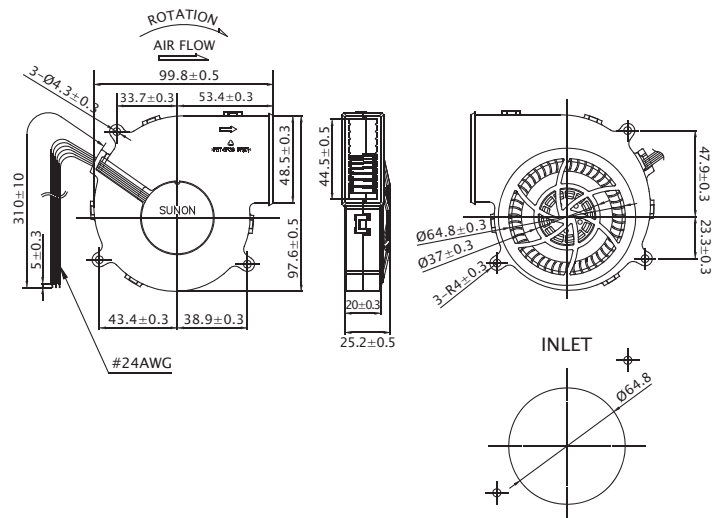
Function PWM : S99

Safety : UKCA / CE / TUV / UL / CUR

Air Flow-Static Pressure Characteristics



External Dimensions(mm)



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