

# 100x100x25 mm

for Automotive Application

18.4 CFM

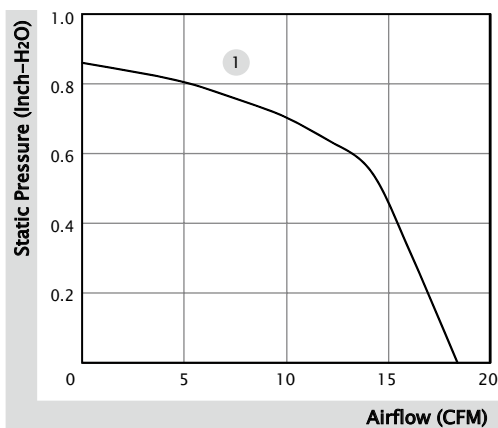


■ Specification

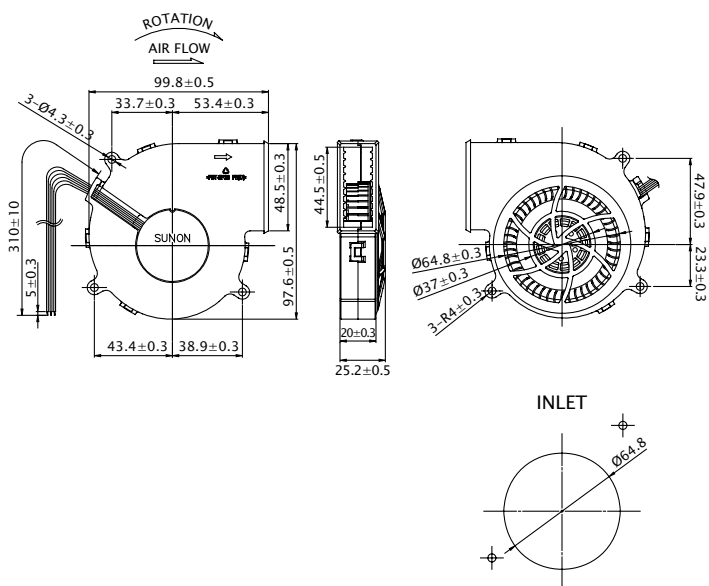
Model	Bearing	Rated Voltage	Power Current	Power Consumption	Speed	Airflow	Static Pressure	Noise	Weight	Curve
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H <sub>2</sub> O)	(dB(A))	(g)	
AFA0251B1-1B000-H99	☉	13.5	520	7.02	3800	18.4	0.86	52.3	110	1

■ Function PWM : S99

■ Air Flow-Static Pressure Characteristics



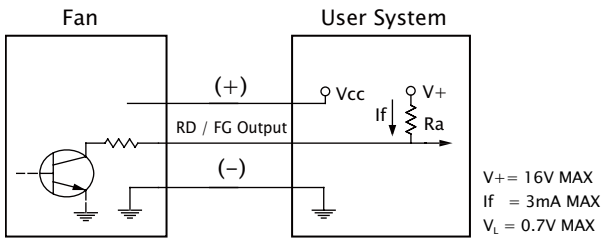
■ External dimensions(mm)



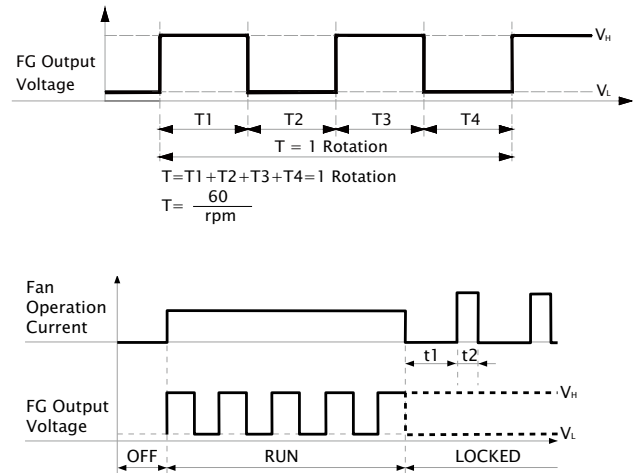
※ All model could be customized. Please contact with Sunon Sales.

※ Specifications are subject to change without notice. Please Visit SUNON website at [www.sunon.com](http://www.sunon.com) for update information.

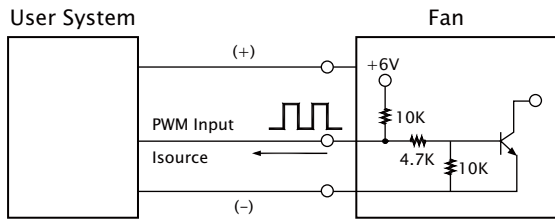
■ RD / FG Output Signal



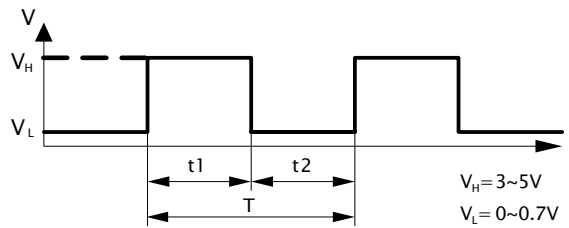
[ FG Signal ]



■ PWM Input Signal



PWM FREQUENCY: 25KHZ  
 $I_{\text{source}} = 2mA$  at PWM Input Voltage 0V  
 The speed is default to be maximum if PWM input pin is unconnected.  
 Min. start up duty cycle is 10%.



1. Period :  $T = \frac{1}{f_{\text{PWM}}} = T_1 + T_2 (\text{sec})$

2. Duty Cycle (D.C.) :  $\frac{t_1}{t_1 + t_2} \times 100 = \frac{t_1}{T} \times 100(\%)$

■ PWM Curve

