

38x38x28 mm

18.9~24.2 CFM

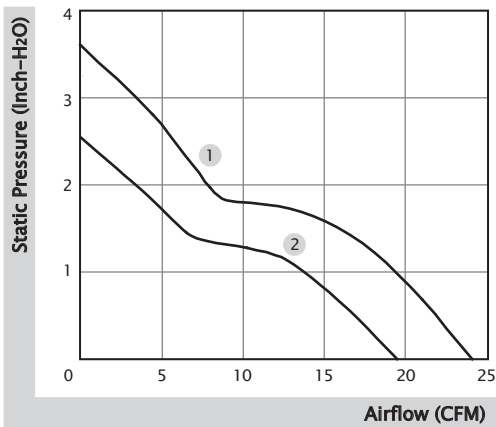


■ Specification

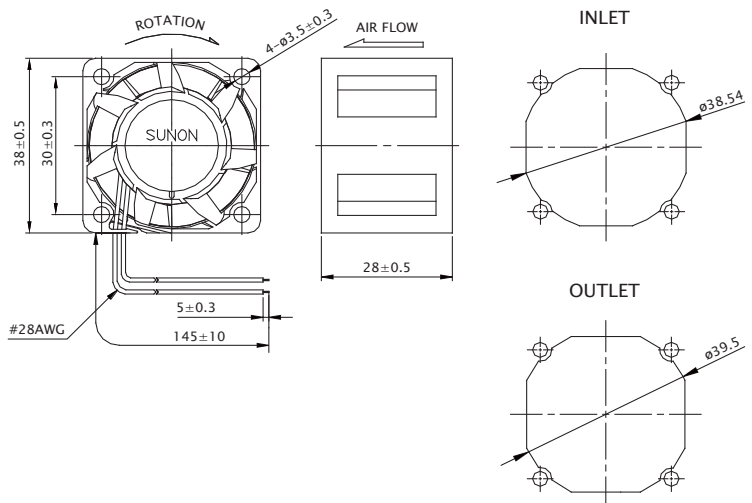
Model	Bearing	Rated Voltage	Power Current	Power Consumption	Speed	Airflow	Static Pressure	Noise	Weight	Curve
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	
VF38281BX-0000-A9H	☉	12	870	10.44	27000	24.2	3.56	61.6	44.0	1
VF38281B1-0000-A9H	☉	12	475	5.70	21600	18.9	2.50	58.1	44.0	2

■ Function F Type : G9H / PWM : S9H

■ Air Flow-Static Pressure Characteristics



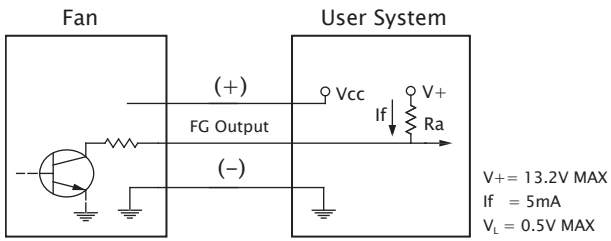
■ External Dimensions(mm)



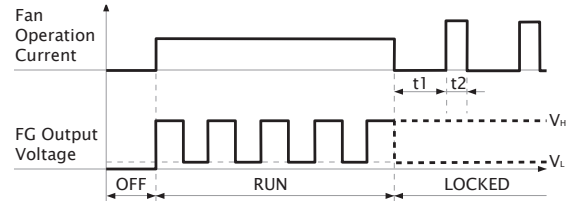
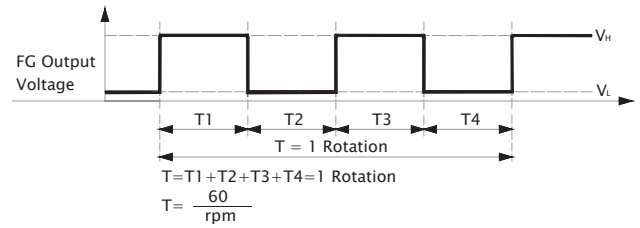
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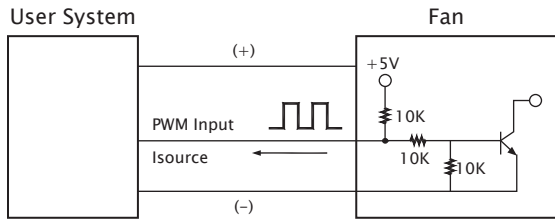
■ FG Output Signal



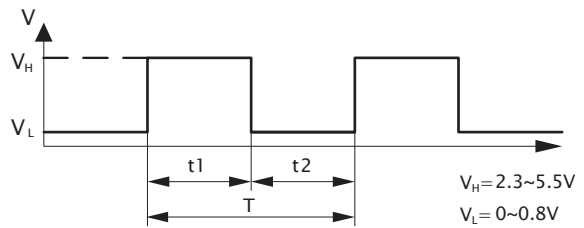
[FG Signal]



■ PWM Input Signal



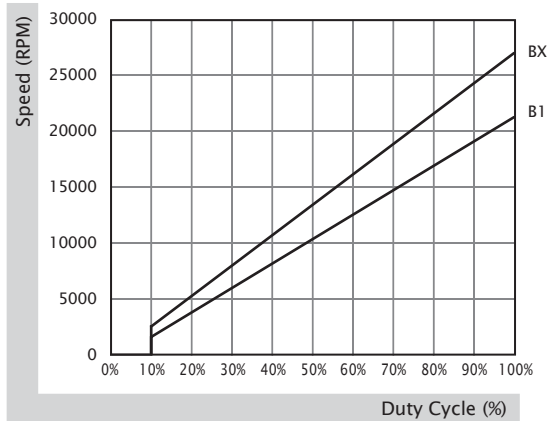
PWM FREQUENCY: 25KHZ
 Isource=0.5mA at PWM Input 0V
 The speed is default to be maximum if PWM input pin is unconnected.
 Min. start up duty cycle is 10%.



1. Period : $T = \frac{1}{f_{PWM}} = t1 + t2(\text{sec})$

2. Duty Cycle (D.C.) : $\frac{t1}{t1+t2} \times 100 = \frac{t1}{T} \times 100(\%)$

■ PWM Curve



38x38x28 mm

11.3~23.0 CFM

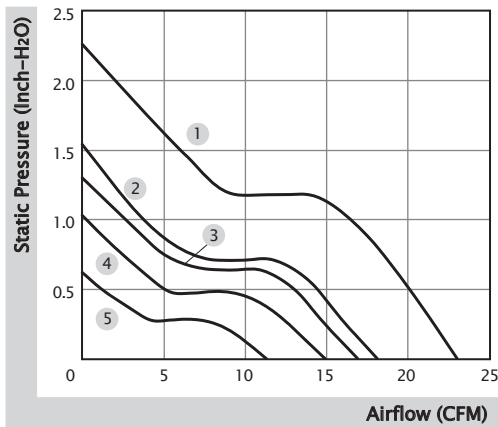


■ Specification

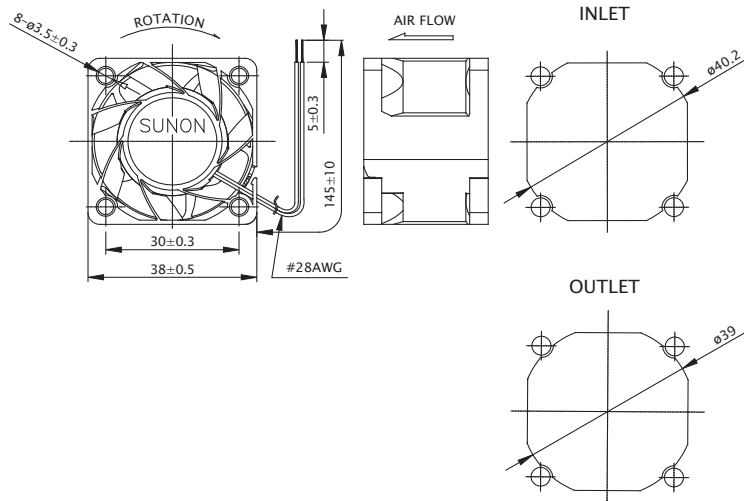
Model	Bearing	Rated Voltage	Power Current	Power Consumption	Speed	Airflow	Static Pressure	Noise	Weight	Curve
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	
PF38281BX-10000-A9H	☼	12	570	6.84	20000	23.0	2.26	57.0	41.0	1
PF38281B1-10000-A9H	☼	12	315	3.78	16000	18.1	1.54	51.8	41.0	2
PF38281B2-10000-A9H	☼	12	265	3.18	15000	16.9	1.30	51.0	41.0	3
PF38281B3-10000-A9H	☼	12	180	2.16	13000	14.9	1.03	47.3	41.0	4
PF38281B4-10000-A9H	☼	12	95	1.14	10000	11.3	0.62	40.8	41.0	5

■ Function R Type : F9H / F Type : G9H / PWM : H9H, Q9H, S9H

■ Air Flow-Static Pressure Characteristics



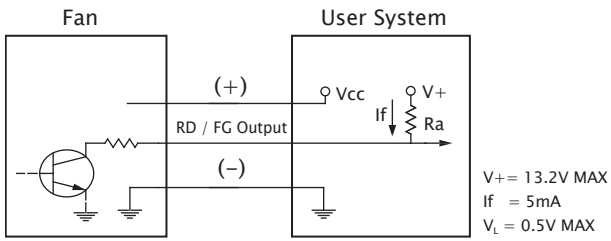
■ External Dimensions(mm)



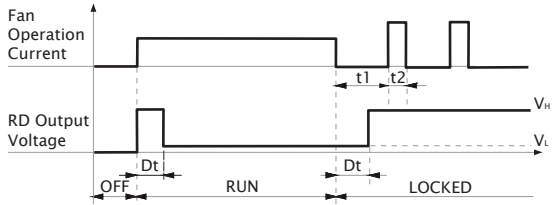
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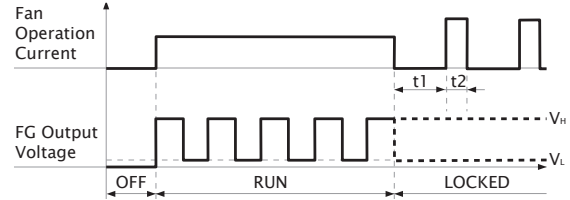
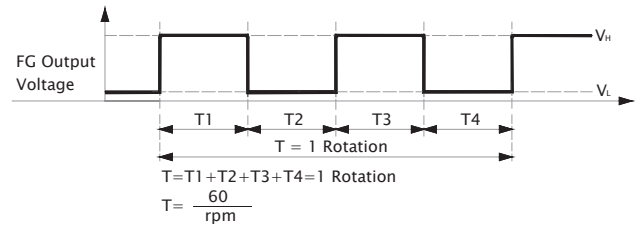
■ RD / FG Output Signal



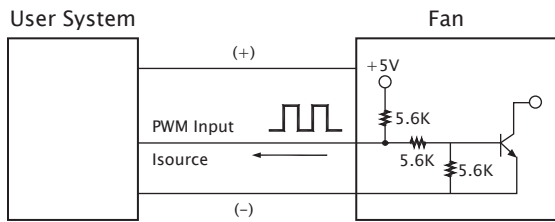
[RD Signal]



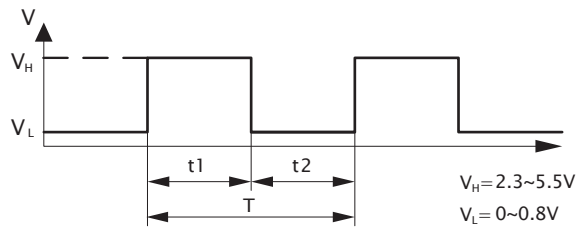
[FG Signal]



■ PWM Input Signal



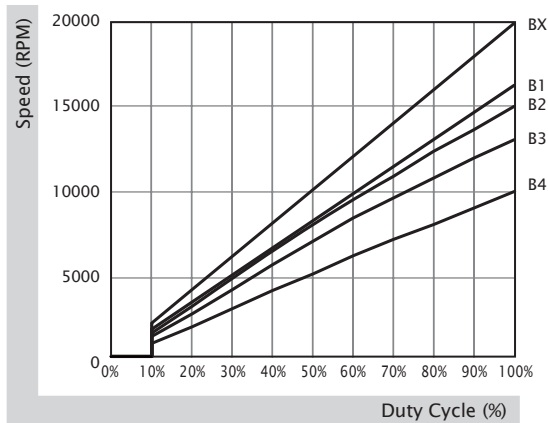
PWM FREQUENCY: 25KHZ
 Isource=0.5mA at PWM Input Voltage 0V
 The speed is default to be maximum if PWM input pin is unconnected.
 Min. start up duty cycle is 10%.



1. Period : $T = \frac{1}{f_{PWM}} = t1 + t2(\text{sec})$

2. Duty Cycle (D.C.) : $\frac{t1}{t1+t2} \times 100 = \frac{t1}{T} \times 100(\%)$

■ PWM Curve




38x38x28 mm

18.1 CFM

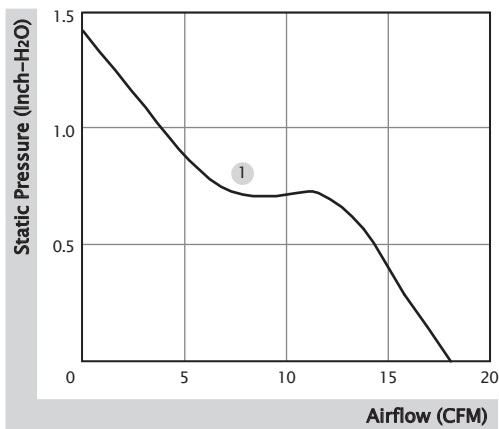


■ Specification

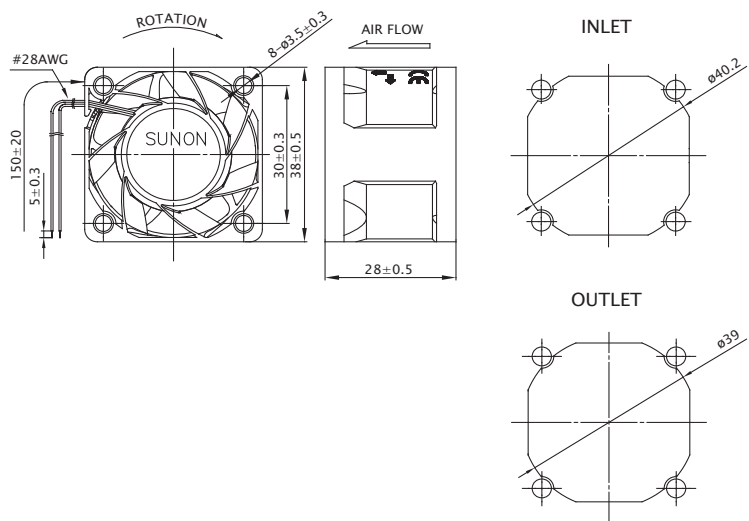
	Bearing	Rated Voltage	Power Current	Power Consumption	Speed	Airflow	Static Pressure	Noise	Weight	Curve
	● VAPO	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	
PF38281V1-0000-A99	●	12	574	6.89	16000	18.1	1.42	51.8	43.0	1

■ Function F Type : G99 / PWM : S99

■ Air Flow-Static Pressure Characteristics



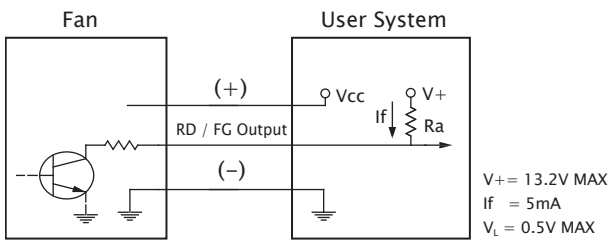
■ External Dimensions(mm)



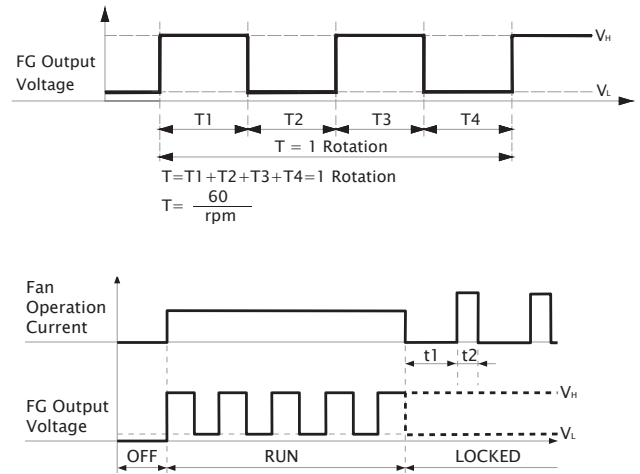
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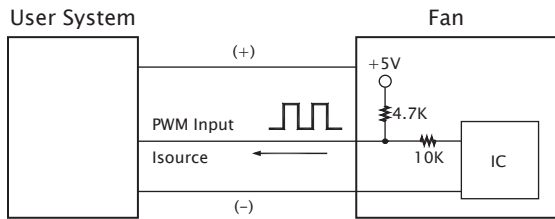
■ FG Output Signal



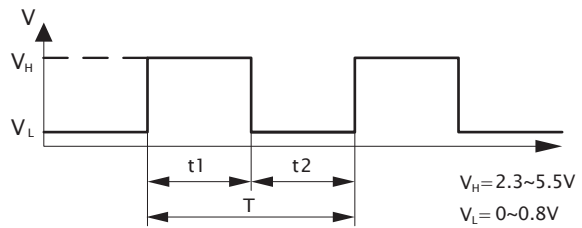
[FG Signal]



■ PWM Input Signal



PWM FREQUENCY: 25KHZ
 $I_{\text{source}} = 0.5mA$ 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

