80x80x38 mm

113.9~141.9 CFM

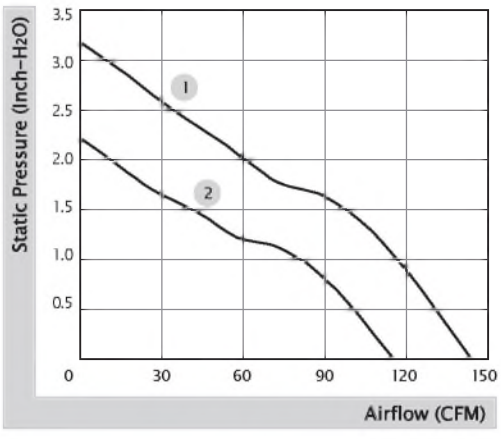
Specification

Model	Bearing	Rated Valtage	Power Current	Power Consumption	Speed	Airflow	Static Pressure	Noise	Weight	Curve
	2BALL / Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H_2O)	(dB(A))	(g)	
PF80381BX-0000-A99	●	12	4000	48.00	14000	141.9	3.20	72.1	195.0	1
PF80381B1-0000-A99	●	12	2000	24.00	11200	113.9	2.23	64.8	195.0	2

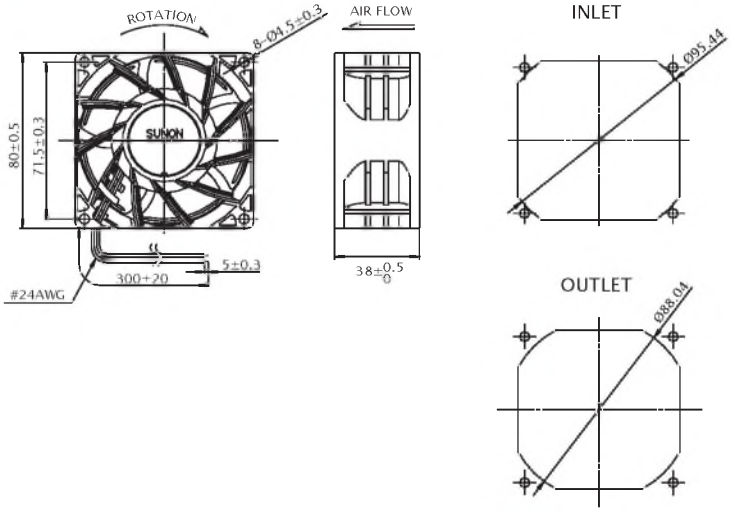
Function

R Type : F99 ／ F Type : G99 ／ PWM : H99, Q99, S99

Air Flow-Static Pressure Characteristics



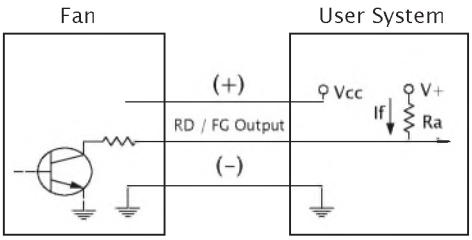
External Dimensions(mm)



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

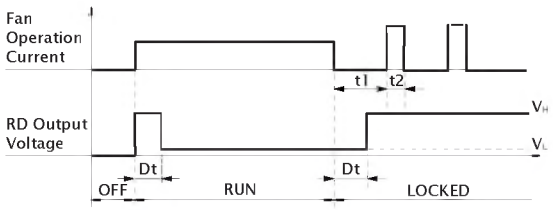
※ Specifications are subject to change without notice. Please Visit SUNON website at www.sunon.com for update information.

RD / FG Output Signal

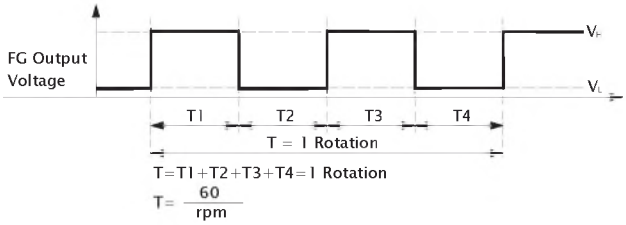


V+= 13.2V MAX
If = 5mA
V_L = 0.6V MAX

[RD Signal]

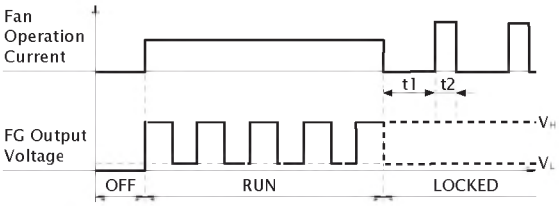


[FG Signal]

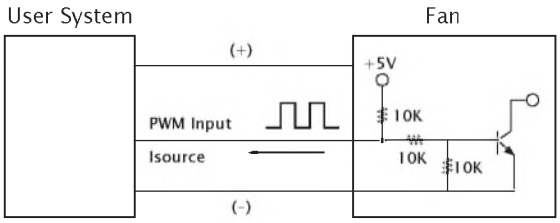


T=T1+T2+T3+T4=1 Rotation

$T = \frac{60}{rpm}$



PWM Input Signal

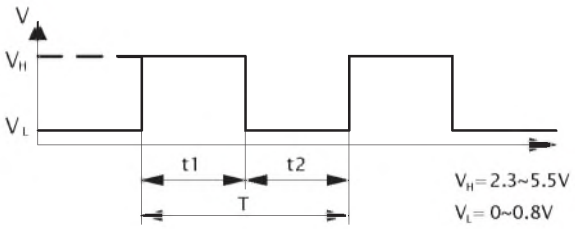


PWM FREQUENCY: 25KHZ

Isource=0.5mA at PWM Input Voltage 0V

The speed is default to be maximum if PWM input pin is unconnected.

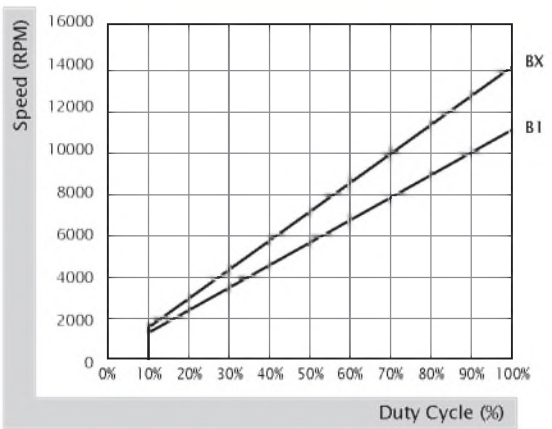
Min. start up duty cycle is 10%.



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

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

PWM Curve



80x80x38 mm

105.8~134.3 CFM

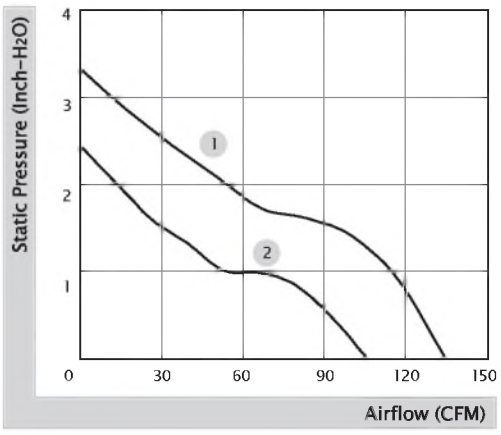
Specification

Model	Bearing	Rated Valtage	Power Current	Power Consumption	Speed	Airflow	Static Pressure	Noise	Weight	Curve
	● 2BALL ○ Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H_2O)	(dB(A))	(g)	
PF80384BX-0000-A99	●	48	700	33.60	12900	134.3	3.35	67.5	204.0	1
PF80384B1-0000-A99	●	48	380	18.24	10500	105.8	2.46	62.6	204.0	2

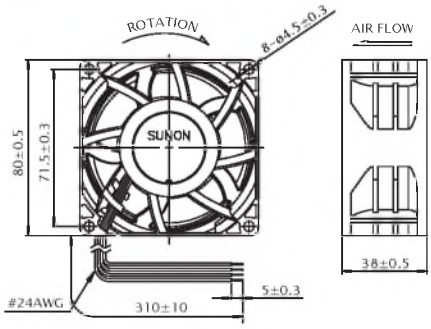
Function

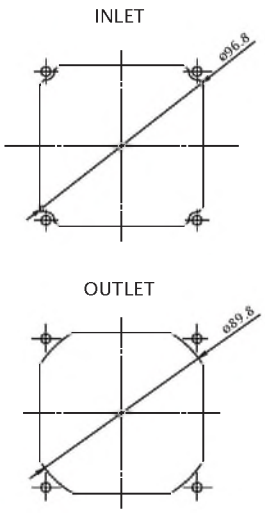
R Type : F99 ／ F Type : G99 ／ PWM : H99, Q99, S99

Air Flow-Static Pressure Characteristics



External Dimensions(mm)





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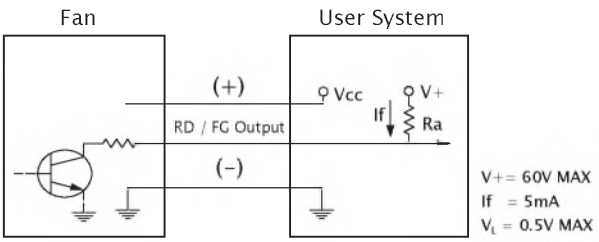
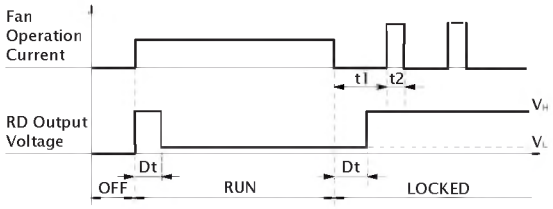
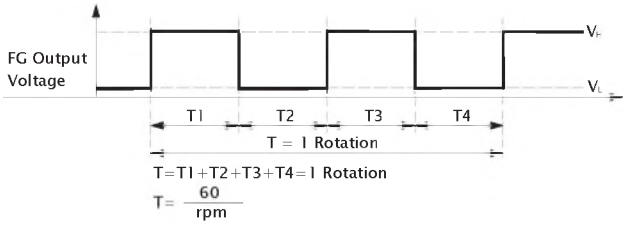
RD / FG Output Signal

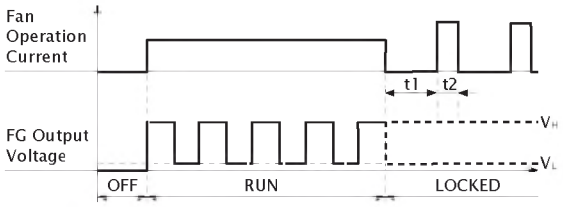


[RD Signal]

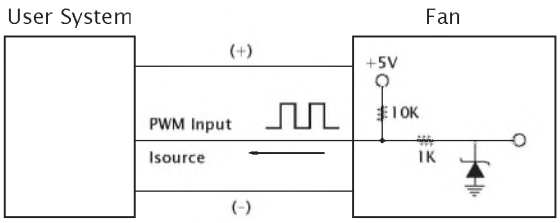


[FG Signal]





PWM Input Signal

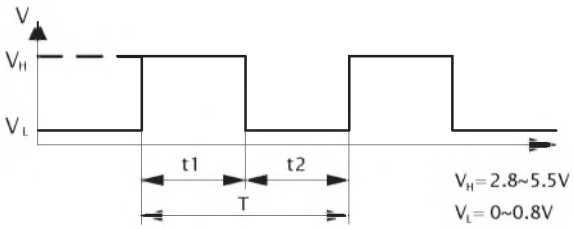


PWM FREQUENCY: 25KHZ

Isource=0.5mA at PWM Input Voltage 0V

The speed is default to be maximum if PWM input pin is unconnected.

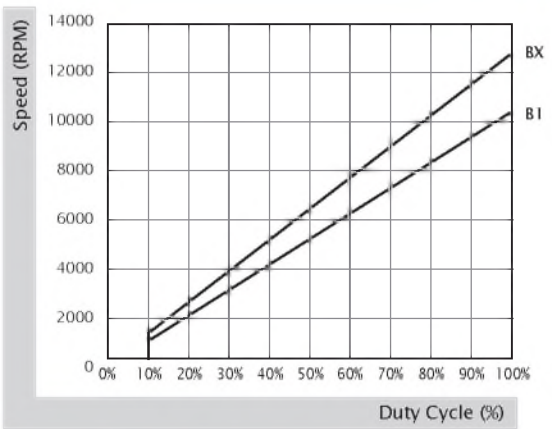
Min. start up duty cycle is 10%.



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

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

PWM Curve



80x80x38 mm

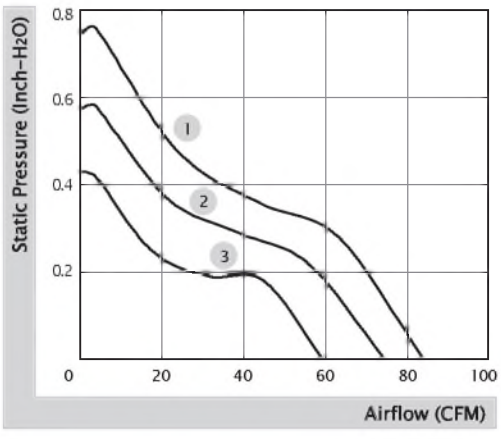
59.5~84.1 CFM

Specification

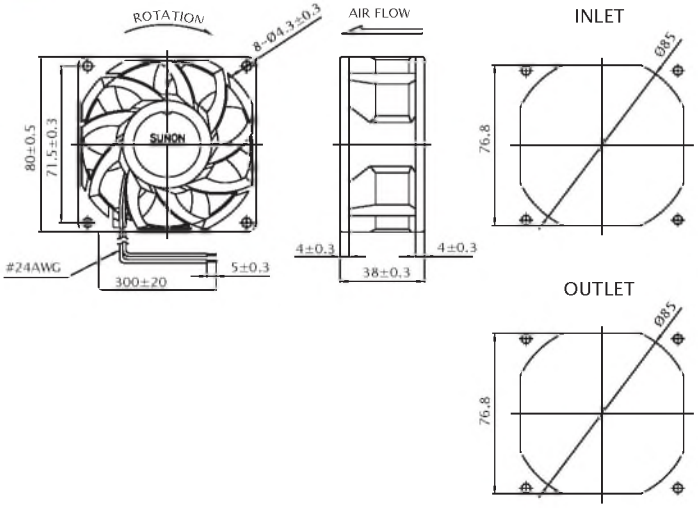
Model	Bearing	Rated Valtage	Power Current	Power Consumption	Speed	Airflow	Static Pressure	Noise	Weight	Curve
	2BALL / Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H_2O)	(dB(A))	(g)	
PMD1208PMB1-A (2).GN	●	12	760	9.1	5700	84.1	0.74	55.2	175.0	1
PMD1208PMB2-A (2).GN	●	12	530	6.4	4900	74.5	0.57	51.6	175.0	2
PMD1208PMB3-A (2).GN	●	12	370	4.4	4200	59.5	0.43	47.3	175.0	3
PMD2408PMB1-A (2).GN	●	24	400	9.6	5700	84.1	0.74	55.2	175.0	1
PMD2408PMB2-A (2).GN	●	24	300	7.2	4900	74.5	0.57	51.6	175.0	2
PMD2408PMB3-A (2).GN	●	24	200	4.8	4200	59.5	0.43	47.3	175.0	3

Function R Type : (2).R.GN ／ F Type : (2).F.GN

Air Flow-Static Pressure Characteristics



External Dimensions(mm)



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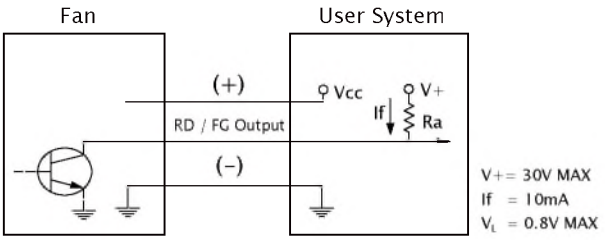
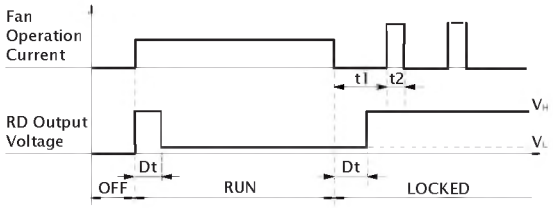
RD / FG Output Signal



[RD Signal]



[FG Signal]