

140x140x38 mm

238.5~297.9 CFM

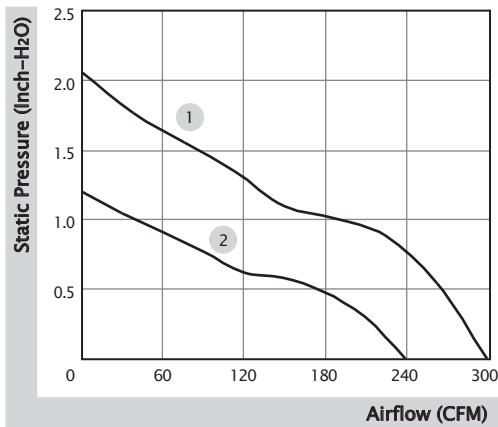


■ Specification

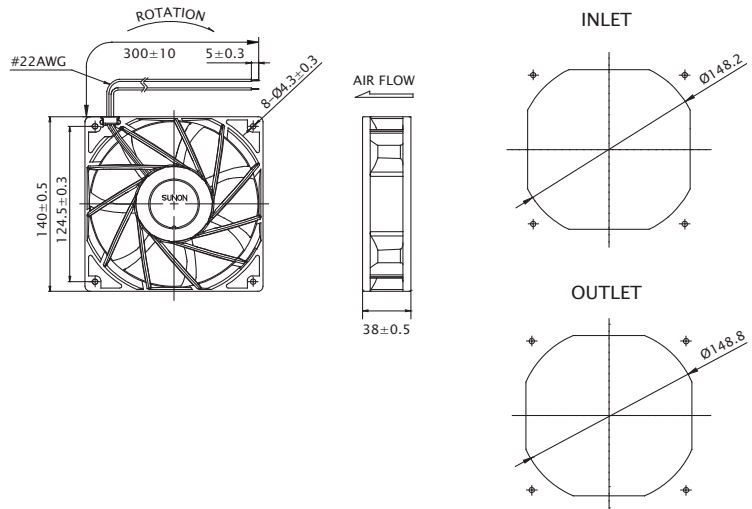
| Model | Bearing | Rated Voltage | Power Current | Power Consumption | Speed | Airflow | Static Pressure | Noise | Weight | Curve |
|--------------------|--------------|---------------|---------------|-------------------|-------|---------|-------------------------|---------|--------|-------|
| | 2BALL Sleeve | (VDC) | (mA) | (WATTS) | (RPM) | (CFM) | (inch-H ₂ O) | (dB(A)) | (g) | |
| PFE0381BX-0000-A99 | ☉ | 12 | 3300 | 39.60 | 6800 | 297.9 | 2.05 | 68.3 | 472.0 | 1 |
| PFE0381B1-0000-A99 | ☉ | 12 | 1720 | 20.64 | 5500 | 238.5 | 1.20 | 62.0 | 472.0 | 2 |

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

■ Air Flow-Static Pressure Characteristics



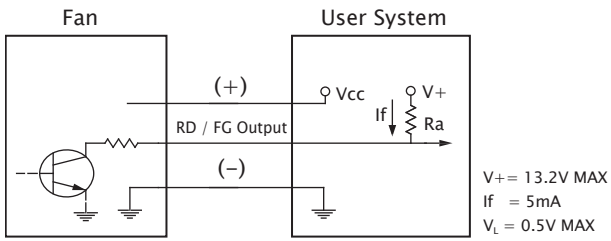
■ External Dimensions(mm)



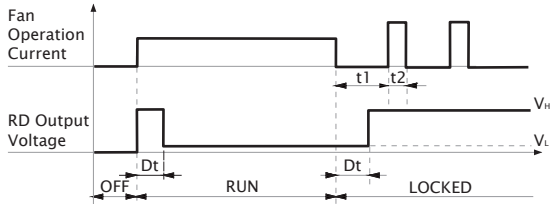
※ All model could be customized. Please contact with Sunon Sales.

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

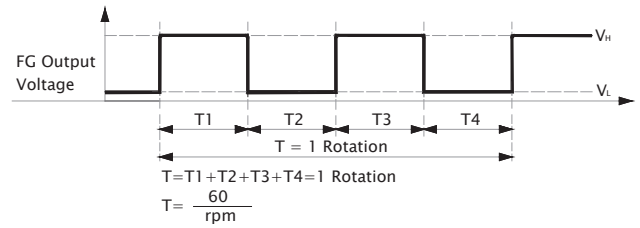
RD / FG Output Signal



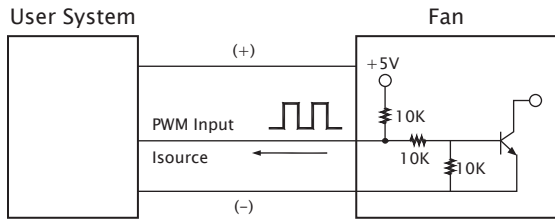
[RD Signal]



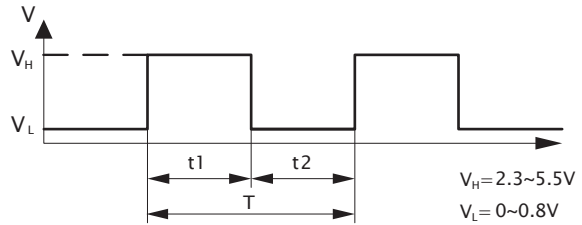
[FG Signal]



PWM Input Signal



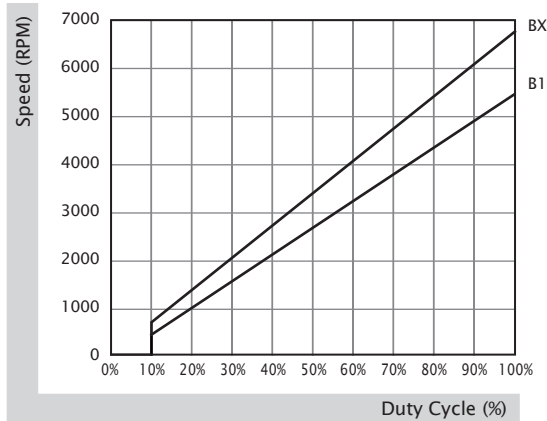
PWM FREQUENCY: 25KHZ
 Isource=0.5mA at PWM Input Voltage 0V
 The speed is default to be maximum if PWM input pin is unconnected.
 Min. start up duty cycle is 10%.



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



140x140x38 mm

282.6 CFM

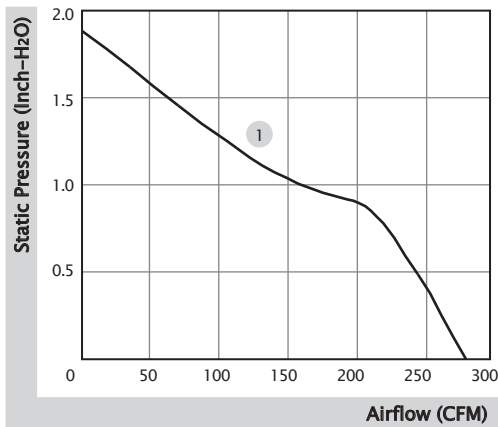


■ Specification

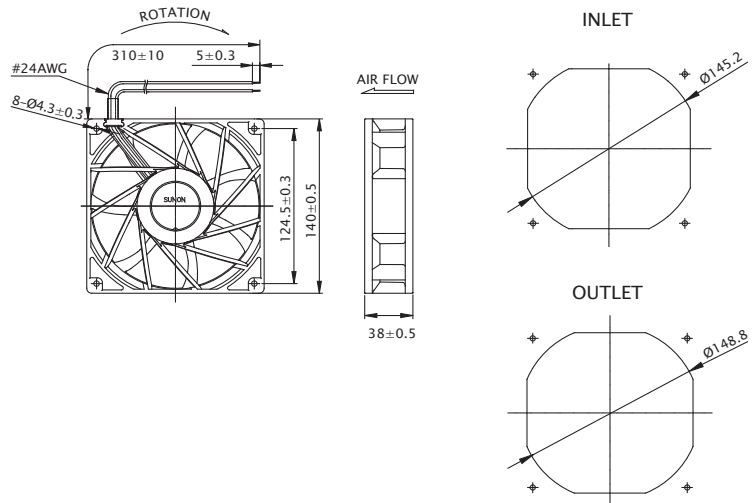
| Model | Bearing | Rated Voltage | Power Current | Power Consumption | Speed | Airflow | Static Pressure | Noise | Weight | Curve |
|--------------------|-------------------|---------------|---------------|-------------------|-------|---------|-------------------------|---------|--------|-------|
| | 2BALL O Sleeve | (VDC) | (mA) | (WATTS) | (RPM) | (CFM) | (inch-H ₂ O) | (dB(A)) | (g) | |
| PFE0384BX-0000-A99 | ☉ | 48 | 740 | 35.52 | 6600 | 282.6 | 1.88 | 65.9 | 560.0 | 1 |

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

■ Air Flow-Static Pressure Characteristics



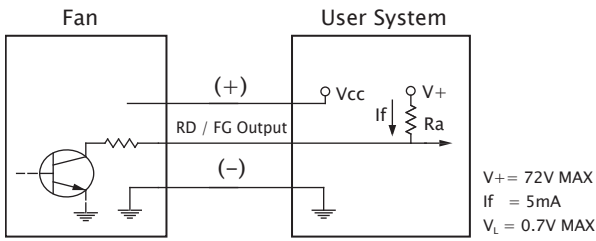
■ External Dimensions(mm)



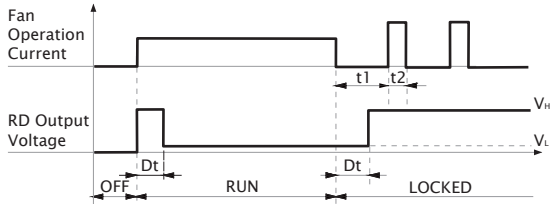
※ All model could be customized. Please contact with Sunon Sales.

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

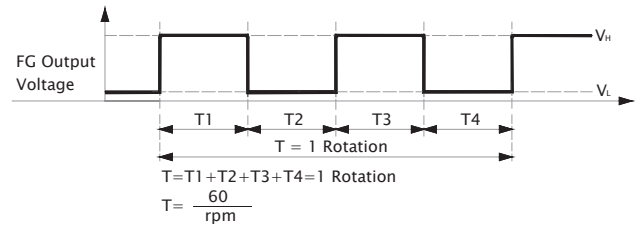
■ RD / FG Output Signal



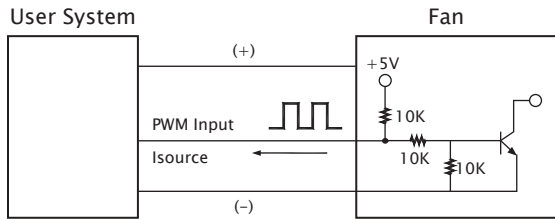
[RD Signal]



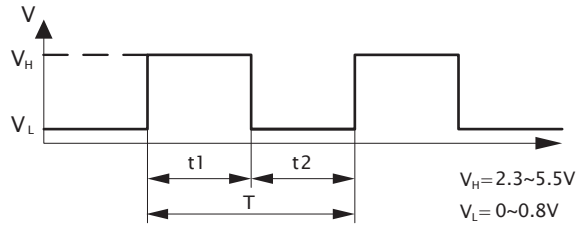
[FG Signal]



■ 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

