

40x40x56 mm

26.9~31.7 CFM

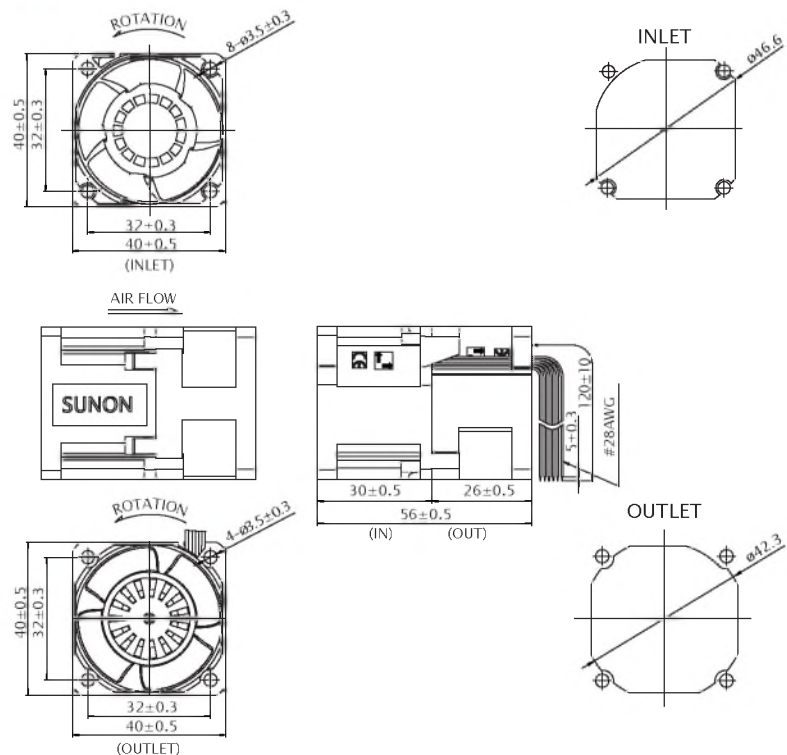


■ Specification

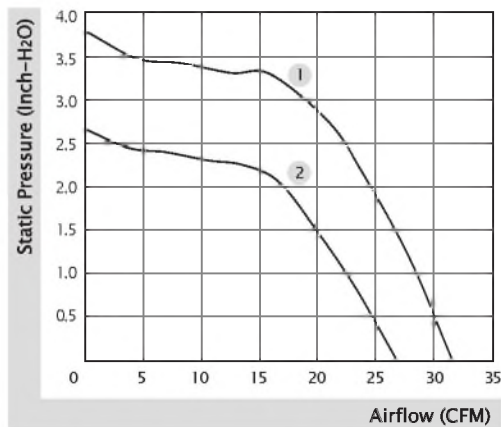
| Model | Bearing | Rated Voltage | Power Current | Power Consumption | Speed | Airflow | Static Pressure | Noise | Weight | Curve |
|---------------------|--------------|---------------|---------------|-------------------|-------------|---------|-------------------------|---------|--------|-------|
| | 2BALL Sleeve | (VDC) | (mA) | (WATTS) | (RPM) | (CFM) | (inch-H ₂ O) | (dB(A)) | (g) | |
| PF40561BX-10000-A9H | ☛ | 12 | 1390 | 16.68 | 21500/18000 | 31.7 | 3.76 | 65.9 | 87.0 | 1 |
| PF40561B1-10000-A9H | ☛ | 12 | 890 | 10.68 | 18000/15000 | 26.9 | 2.64 | 62.3 | 87.0 | 2 |

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

■ External dimensions(mm)



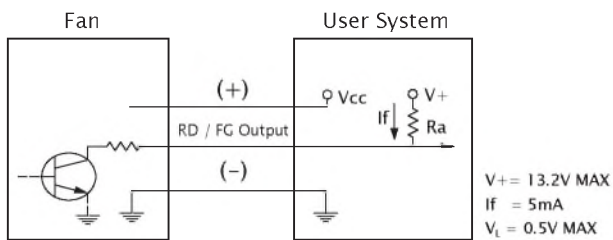
■ Air Flow-Static Pressure Characteristics



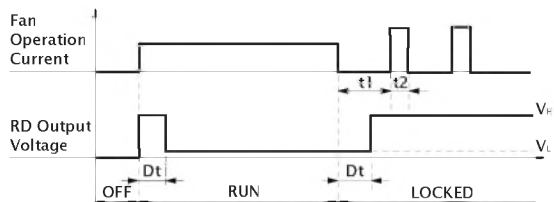
* All model could be customized. Please contact with Sunon Sales.

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

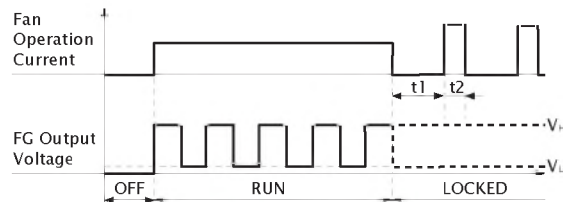
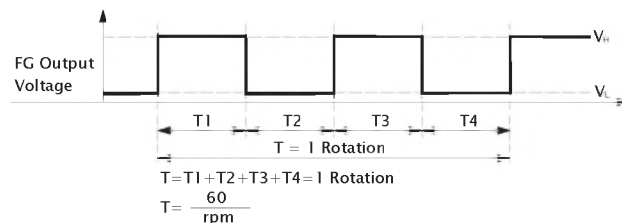
RD / FG Output Signal



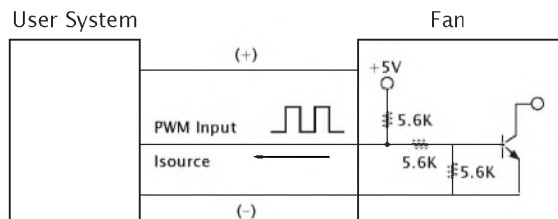
[RD Signal]



[FG Signal]



PWM Input Signal

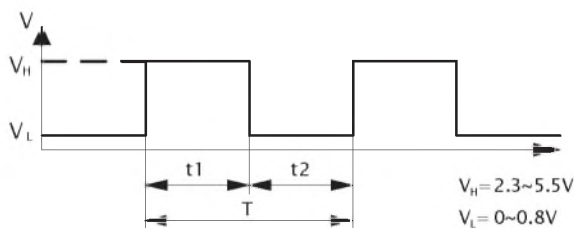


PWM FREQUENCY: 25KHZ

Isource=0.5mA at PWM Input Voltage 0V

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

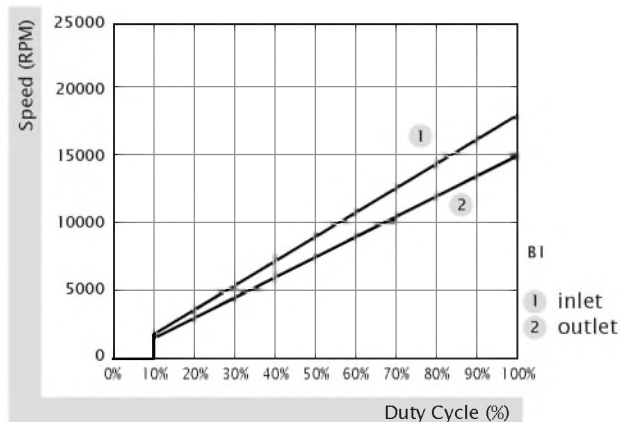
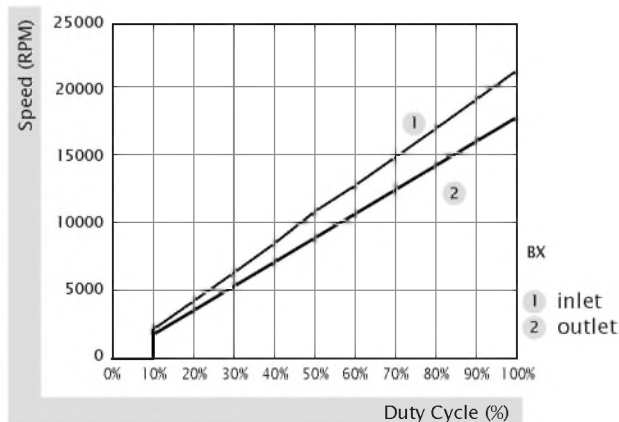
Min. start up duty cycle is 10%.



$$1. \text{ Period : } T = \frac{1}{f_{\text{PWM}}} = t_1 + t_2 (\text{sec})$$

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

PWM Curve



40x40x56 mm

19.7~25.0 CFM

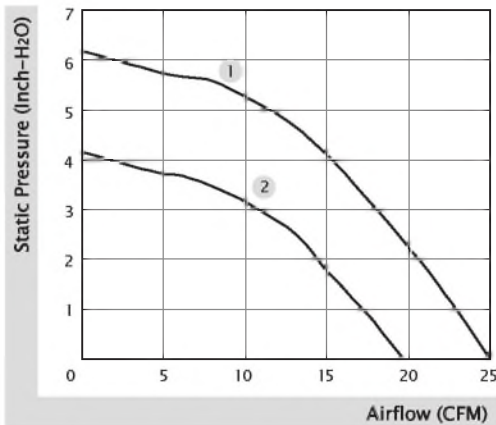


■ Specification

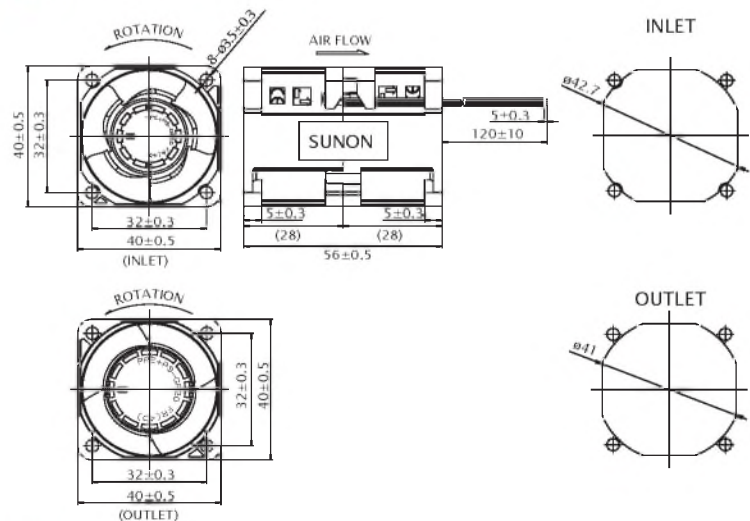
| Model | Bearing | Rated Voltage | Power Current | Power Consumption | Speed | Airflow | Static Pressure | Noise | Weight | Curve |
|--------------------|-----------------|---------------|---------------|-------------------|-------------|---------|-------------------------|---------|--------|-------|
| | 2BALL Sleeve | (VDC) | (mA) | (WATTS) | (RPM) | (CFM) | (Inch-H ₂ O) | (dB(A)) | (g) | |
| VG40561BX-0000-A9H | | 12 | 1400 | 16.80 | 25500/22300 | 25.0 | 6.19 | 65.0 | 87.0 | 1 |
| VG40561B1-0000-A9H | | 12 | 750 | 9.00 | 20400/17800 | 19.7 | 4.16 | 62.5 | 87.0 | 2 |

■ Function F Type : G9H / PWM : S9H

■ Air Flow-Static Pressure Characteristics



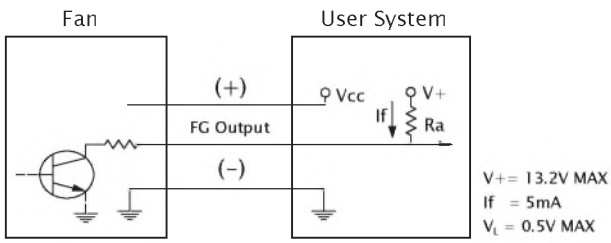
■ External Dimensions(mm)



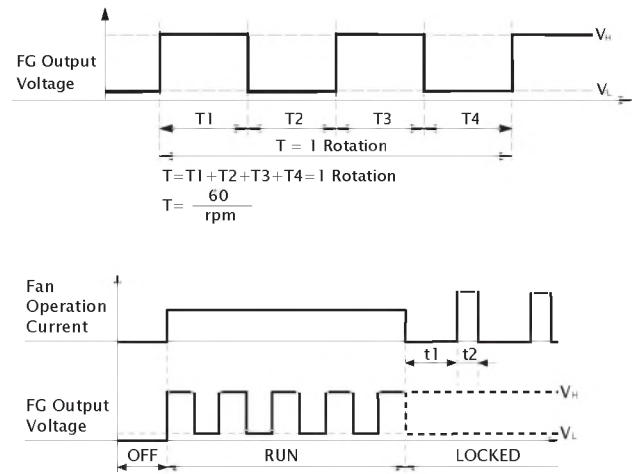
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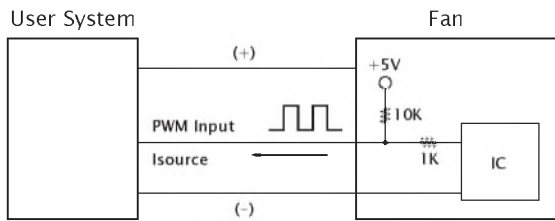
■ FG Output Signal



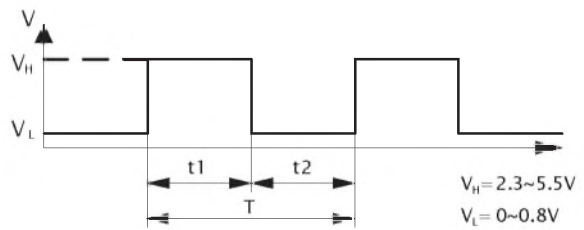
[FG Signal]



■ PWM Input Signal



PWM FREQUENCY: 25KHZ
 $I_{source} = 0.5mA$ 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 : $T = \frac{1}{f_{PWM}} = t_1 + t_2 (\text{sec})$
2. Duty Cycle (D.C.) : $\frac{t_1}{t_1 + t_2} \times 100 = \frac{t_1}{T} \times 100 (\%)$

■ PWM Curve

