

40x40x56 mm

26.9~31.7 CFM

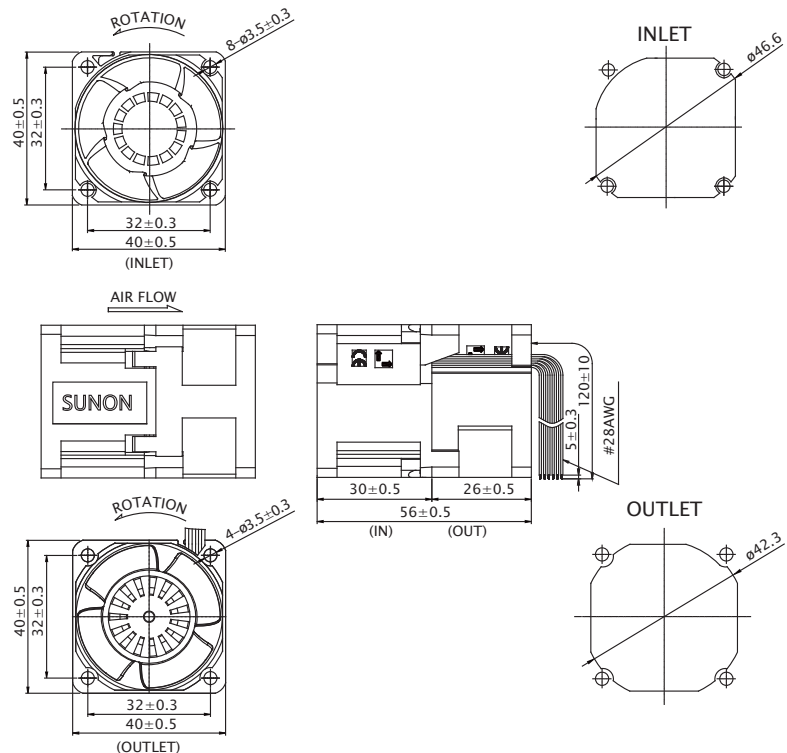


■ Specification

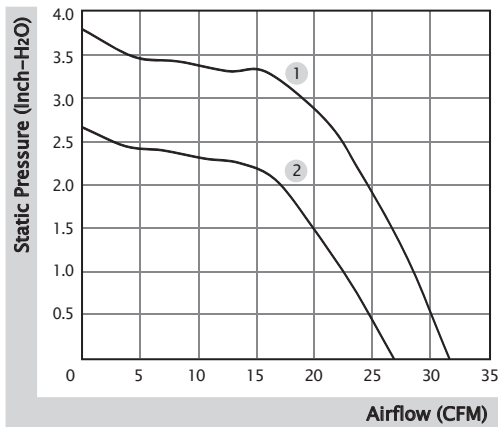
Model	Bearing	Rated Voltage	Power Current	Power Consumption	Speed	Airflow	Static Pressure	Noise	Weight	Curve
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	
PF40561BX-10000-A9H	☉	12	1390	16.68	21500/18000	31.7	3.76	65.9	87.0	1
PF40561B1-10000-A9H	☉	12	890	10.68	18000/15000	26.9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

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

■ External dimensions(mm)



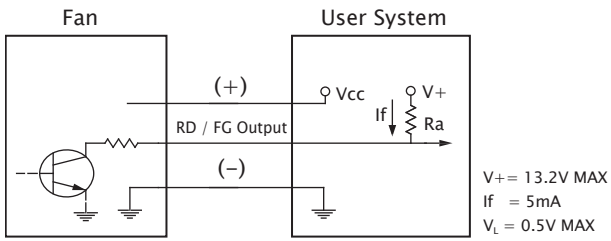
■ Air Flow-Static Pressure Characteristics



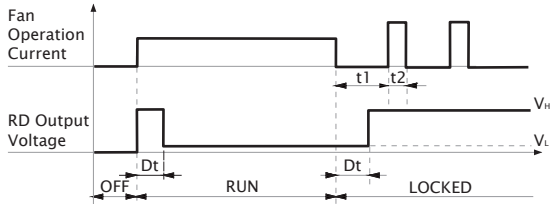
※ All model could be customized. Please contact with Sunon Sales.

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

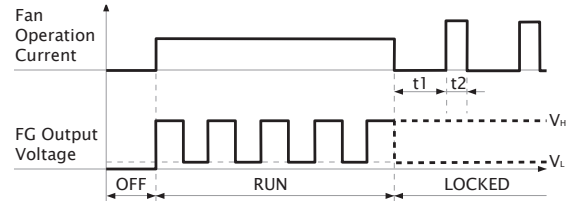
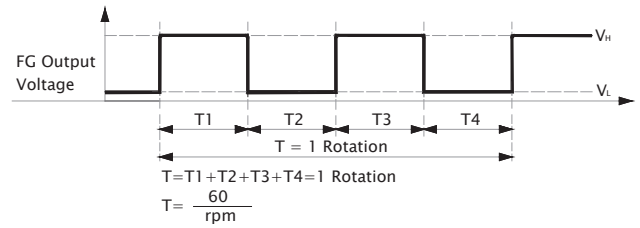
■ RD / FG Output Signal



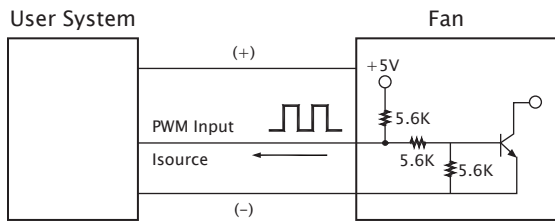
[RD Signal]



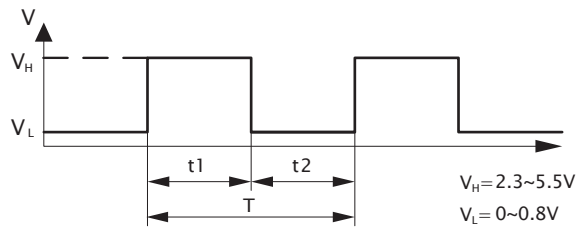
[FG Signal]



■ PWM Input Signal



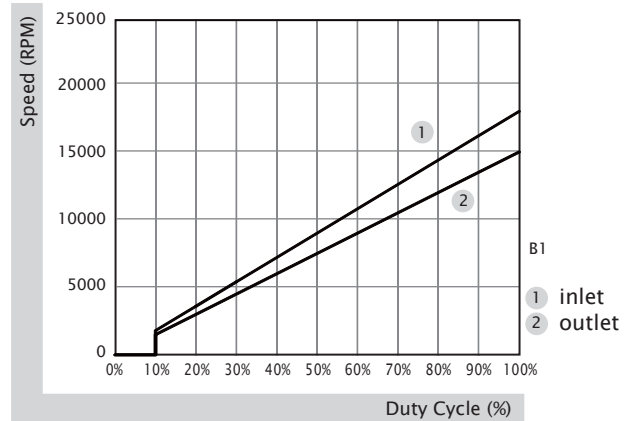
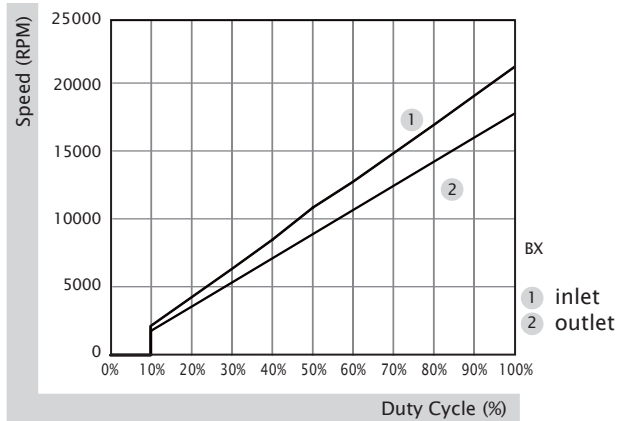
PWM FREQUENCY: 25KHZ
 Isource=0.5mA at PWM Input Voltage 0V
 The speed is default to be maximum if PWM input pin is unconnected.
 Min. start up duty cycle is 10%.



1. 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



40x40x56 mm

19.7~25.0 CFM

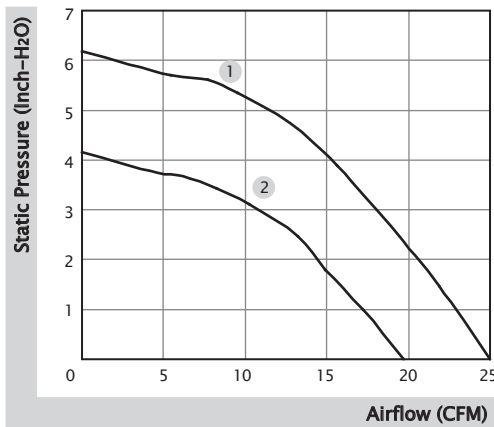


■ Specification

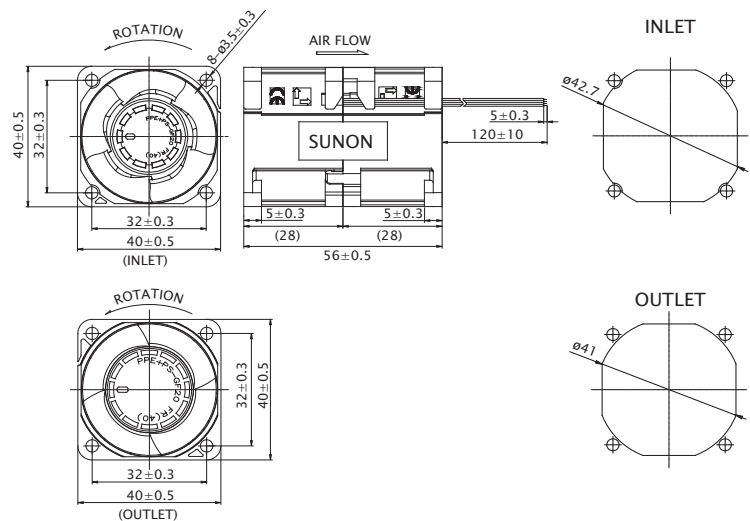
Model	Bearing	Rated Voltage	Power Current	Power Consumption	Speed	Airflow	Static Pressure	Noise	Weight	Curve
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	
VG40561BX-0000-A9H	☉	12	1400	16.80	25500/22300	25.0	6.19	65.0	87.0	1
VG40561B1-0000-A9H	☉	12	750	9.00	20400/17800	19.7	4.16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

■ Function F Type : G9H / PWM : S9H

■ Air Flow-Static Pressure Characteristics



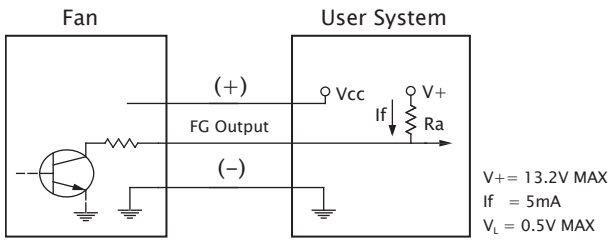
■ External Dimensions(mm)



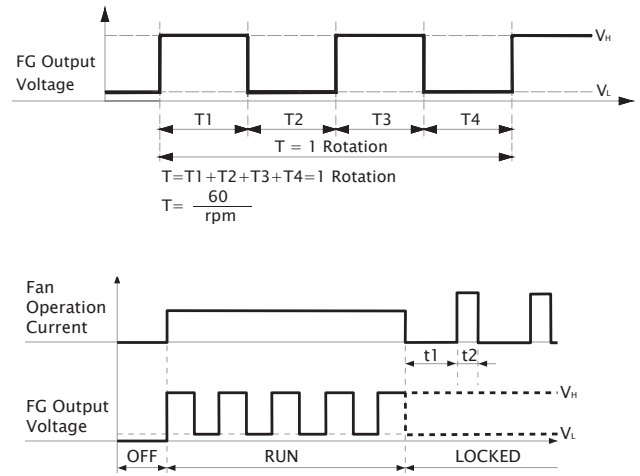
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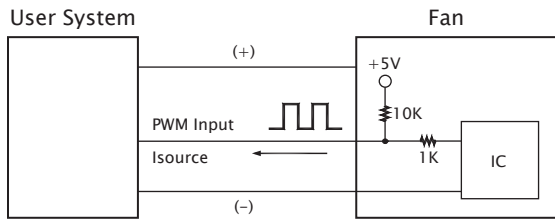
■ FG Output Signal



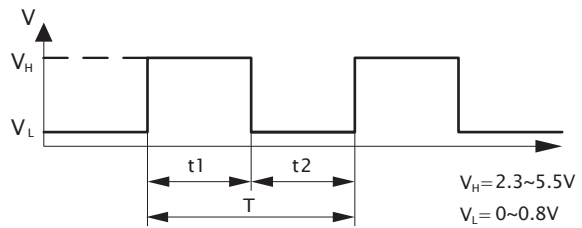
[FG Signal]



■ 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

