

Server. Storage. Telecom Cooling Solution

*All products are RoHS compliant.



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60X60X38	54.1 ~ 75.2	p.17
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36x36x28 mm

18.1~22.8 CFM



■ 产品规格

型号	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	
PF36281BX-000C-A99	☉	12	800	9.60	23000	22.8	2.55	61.9	40.5	1
PF36281B1-000C-A99	☉	12	450	5.40	18400	18.1	1.62	55.7	40.5	2

■ 功能

PF36281BX / 1

A99: AutoRestart

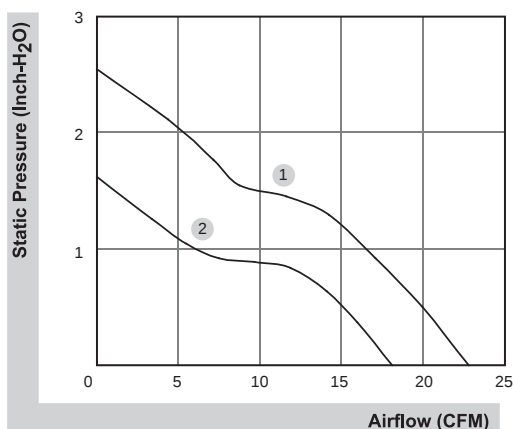
F99: AutoRestart and R type

G99: AutoRestart and F type

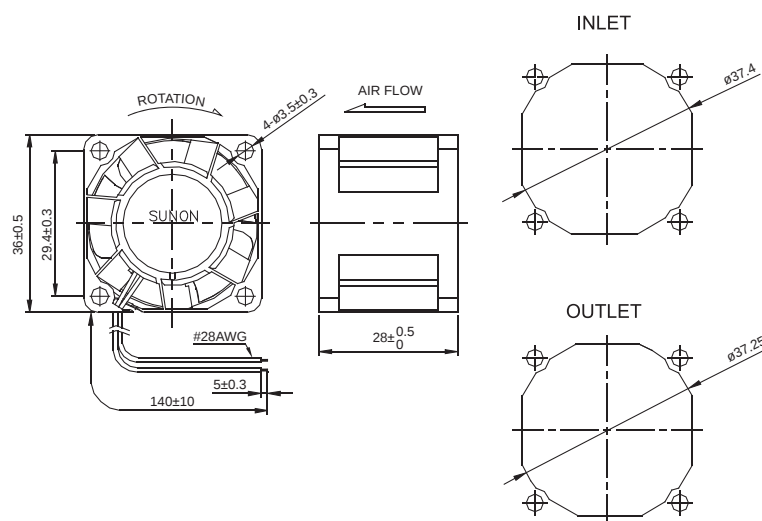
H99: AutoRestart and PWM

S99: AutoRestart , F type and with PWM

■ 风量 / 风压特性曲线

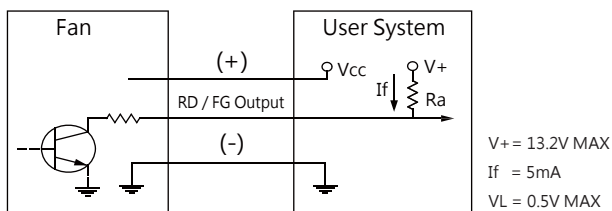


■ 产品外观尺寸(mm)

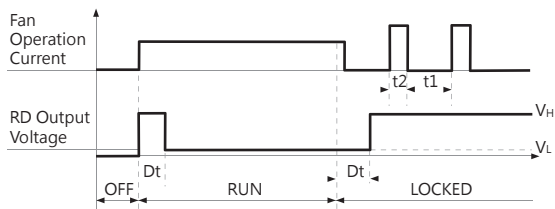


*以上产品如有客制化设计需求请与SUNON销售人员联络。

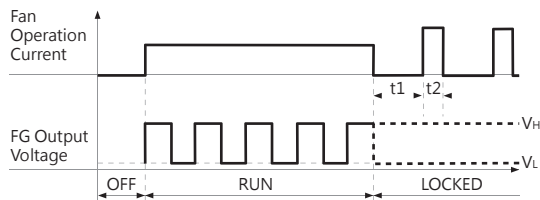
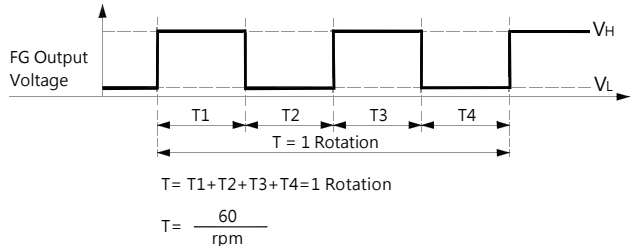
■ 三导应用规范



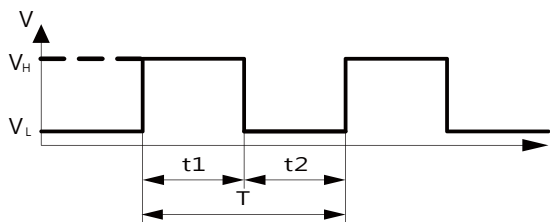
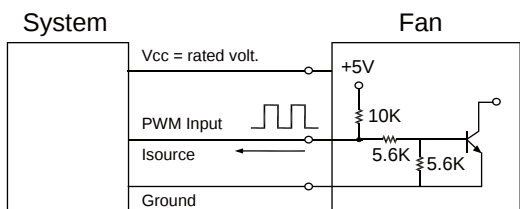
[RD Signal]



[FG Signal]



■ PWM 输入讯号



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

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

VH=2.3~5.5V

VL=0~0.8V

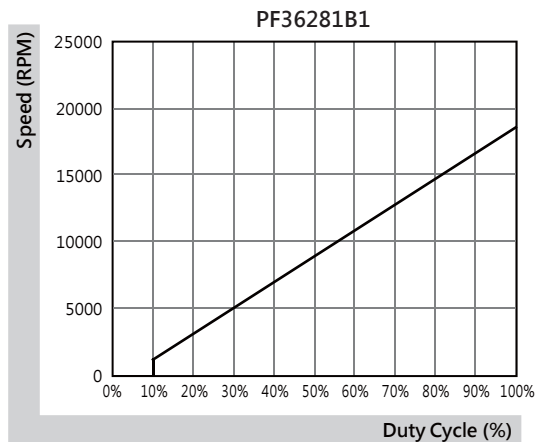
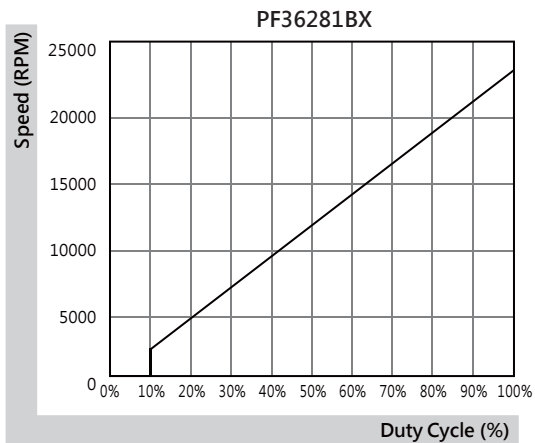
PWM FREQUENCY: 25KHZ

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%.

■ PWM 特性曲线



*以上产品如有客制化设计需求请与SUNON销售人员连络。

38x38x28 mm

18.9~24.2 CFM



产品规格

型号	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	
VF38281BX-000C-A9H	☉	12	870	10.44	27000	24.2	4.10	61.6	44.0	1
VF38281B1-000C-A9H	☉	12	475	5.70	21600	18.9	2.50	58.1	44.0	2

功能

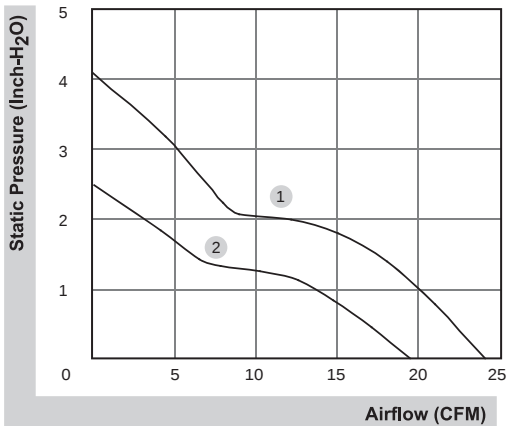
VF38281BX / 1

A9H: AutoRestart

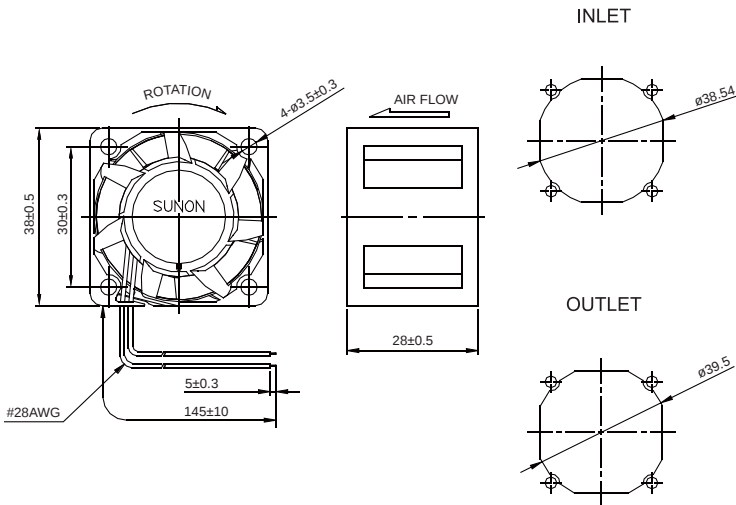
G9H: AutoRestart and F type

S9H: AutoRestart , F type and PWM

风量 / 风压特性曲线

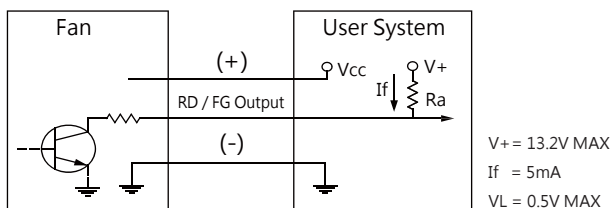


产品外观尺寸(mm)

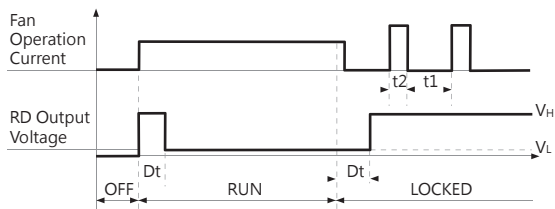


*以上产品如有客制化设计需求请与SUNON销售人员联络。

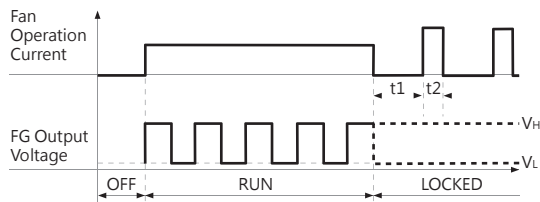
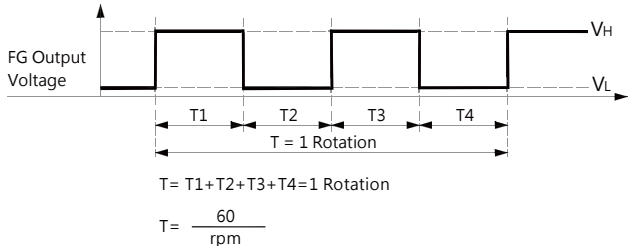
■ 三导应用规范



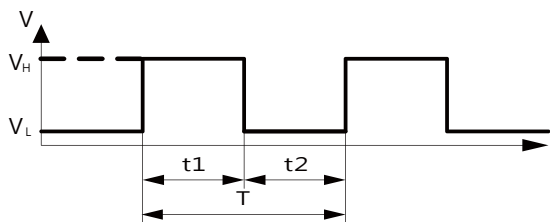
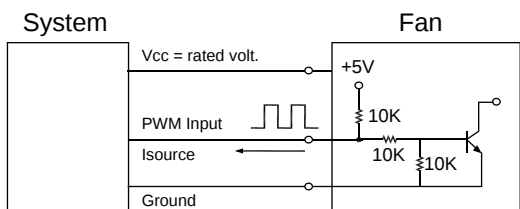
[RD Signal]



[FG Signal]



■ PWM 输入讯号



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

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

VH=2.3~5.5V

VL=0~0.8V

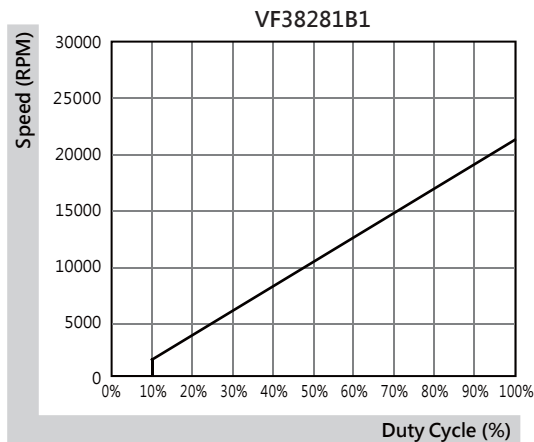
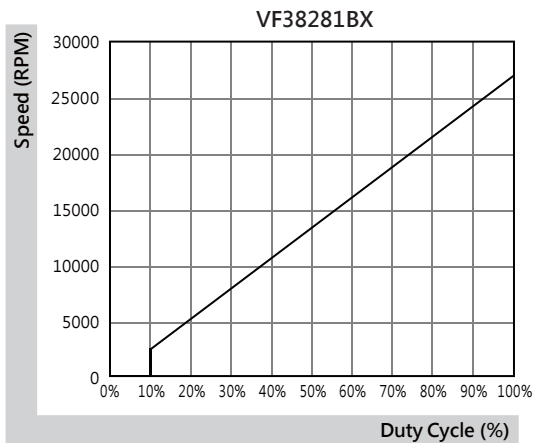
PWM FREQUENCY: 25KHZ

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%.

■ PWM 特性曲线



*以上产品如有客制化设计需求请与SUNON销售人员连络。

38x38x28 mm

18.1 CFM



产品规格

 型号 by SUNON	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	● VAPO	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(Inch-H ₂ O)	(dB(A))	(g)	
PF38281V1-000C-A99	●	12	574	6.89	16000	18.1	1.42	51.8	43.0	1

功能

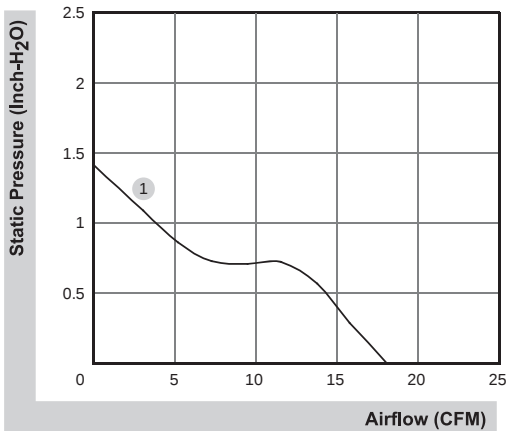
PF38281V1

A99: AutoRestart

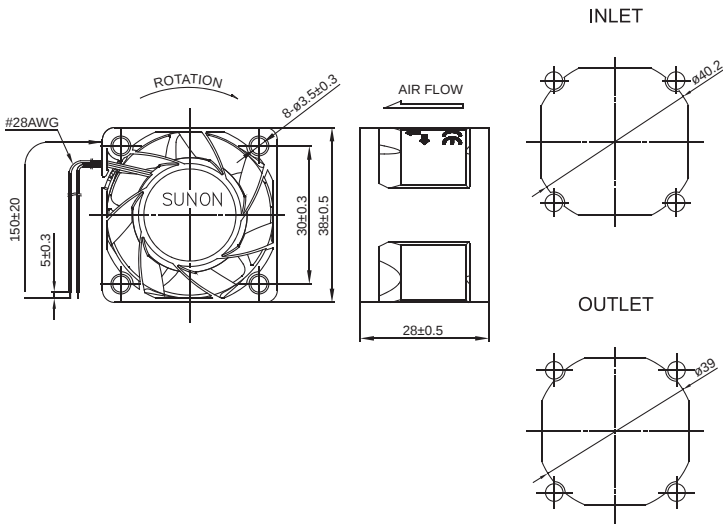
G99: AutoRestart and F type

S99: AutoRestart , F type and PWM

风量 / 风压特性曲线

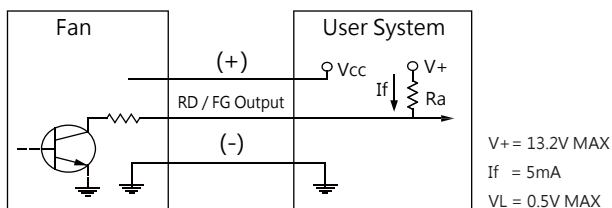


产品外观尺寸(mm)

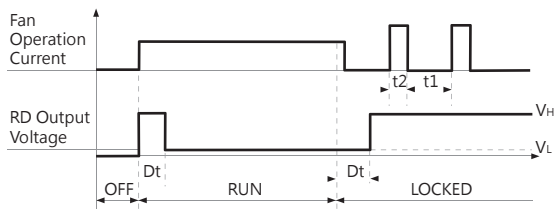


*以上产品如有客制化设计需求请与SUNON销售人员联络。

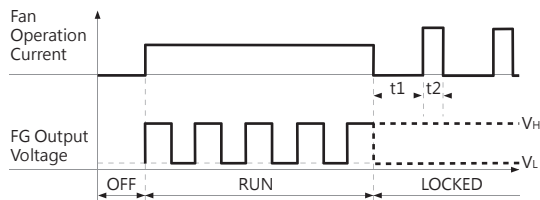
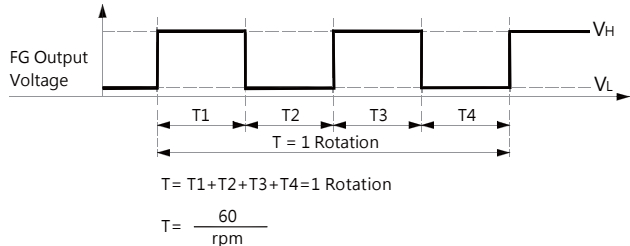
■ 三导应用规范



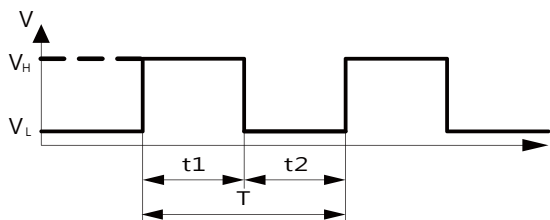
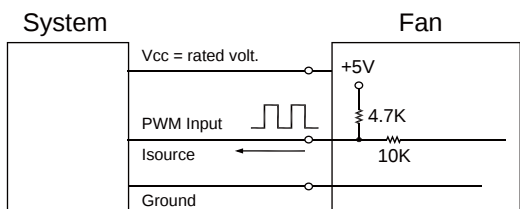
[RD Signal]



[FG Signal]



■ PWM 输入讯号



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

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

VH=2.3~5.5V

VL=0~0.8V

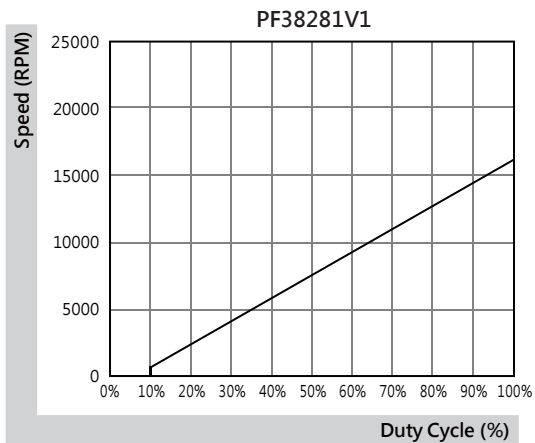
PWM FREQUENCY: 25KHZ

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%.

■ PWM 特性曲线



*以上产品如有客制化设计需求请与SUNON销售人员连络。

38x38x28 mm

11.3~23.0 CFM



■ 产品规格

型号	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(Inch-H ₂ O)	(dB(A))	(g)	
PF38281BX-000C-A99	☉	12	520	6.24	20000	23.0	2.23	57.0	41.0	1
PF38281B1-000C-A99	☉	12	315	3.78	16000	18.1	1.42	51.8	41.0	2
PF38281B2-000C-A99	☉	12	290	3.48	15000	16.9	1.26	51.0	40.0	3
PF38281B3-000C-A99	☉	12	194	2.33	13000	14.9	1.00	47.3	40.0	4
PF38281B4-000C-A99	☉	12	115	1.38	10000	11.3	0.60	40.8	40.0	5

■ 功能

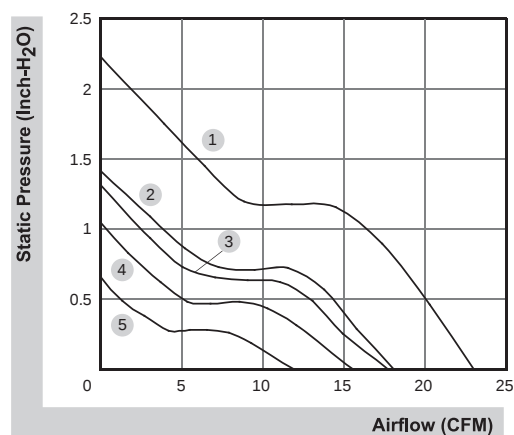
PF38281BX / 1

A99: AutoRestart
F99: AutoRestart and R type
G99: AutoRestart and F type
H99: AutoRestart and PWM
Q99: AutoRestart , R type and PWM
S99: AutoRestart , F type and PWM

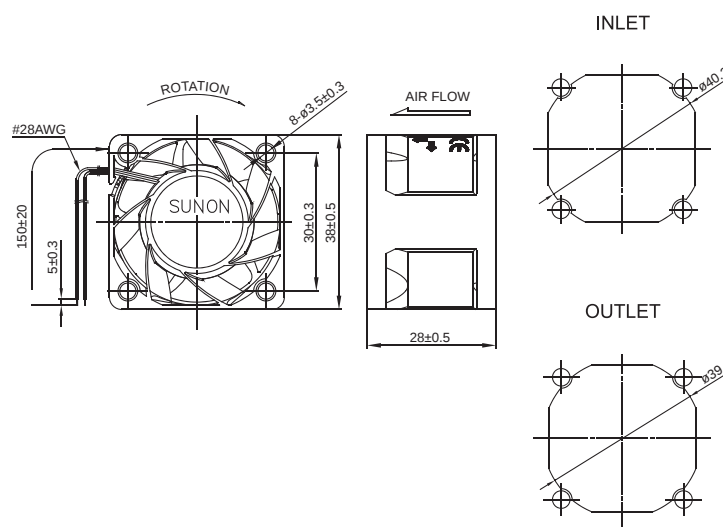
PF38281B2 / 3 / 4

A99: AutoRestart
F99: AutoRestart and R type
G99: AutoRestart and F type

■ 风量 / 风压特性曲线

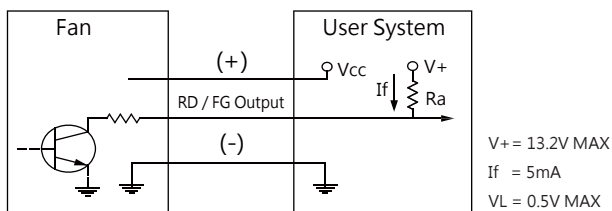


■ 产品外观尺寸(mm)

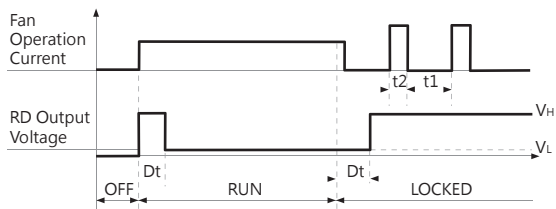


*以上产品如有客制化设计需求请与SUNON销售人员联络。

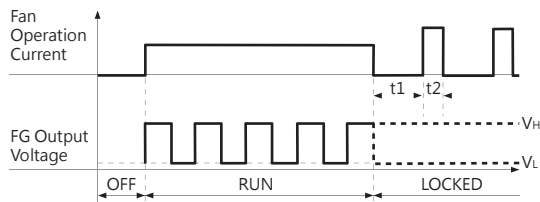
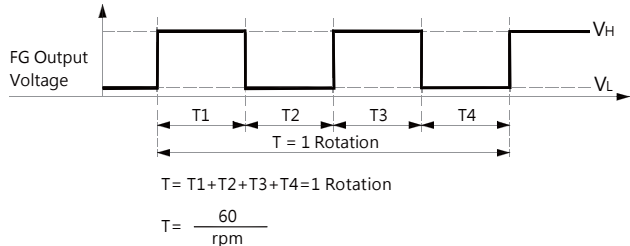
■ 三导应用规范



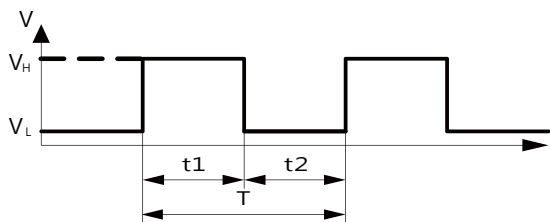
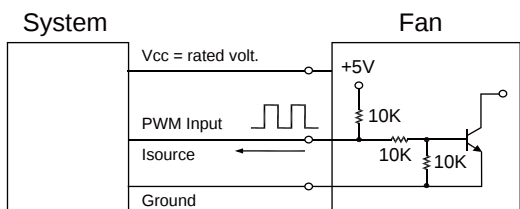
[RD Signal]



[FG Signal]



■ PWM 输入讯号



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

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

VH=2.3~5.5V

VL=0~0.8V

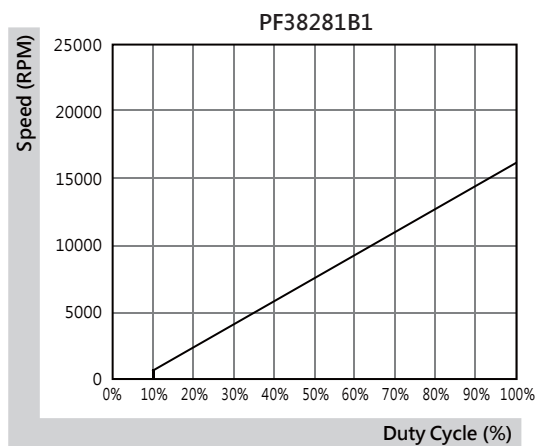
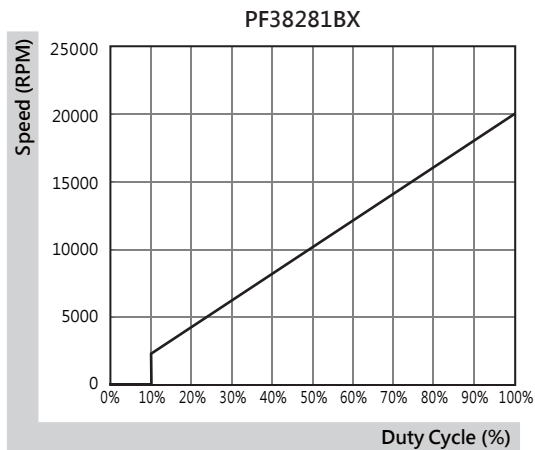
PWM FREQUENCY: 25KHZ

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%.

■ PWM 特性曲线



*以上产品如有客制化设计需求请与SUNON销售人员连络。

40x40x28 mm

25.6~31.5 CFM



产品规格

型号	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	
VF40281BX-000C-A9H	☉	12	1140	13.68	27000	31.5	3.95	63.7	46.0	1
VF40281B1-000C-A9H	☉	12	630	7.56	21600	25.6	2.77	58.6	46.0	2

功能

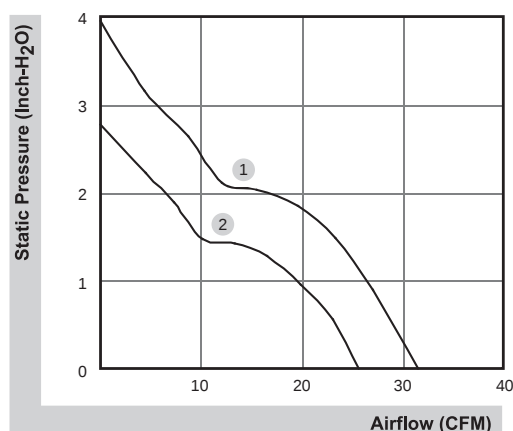
VF40281BX / 1

A9H: AutoRestart

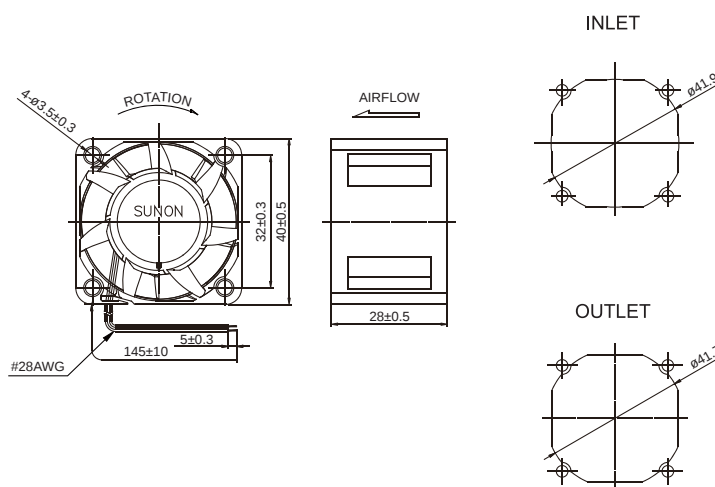
G9H: AutoRestart and F type

S9H: AutoRestart , F type and PWM

风量 / 风压特性曲线

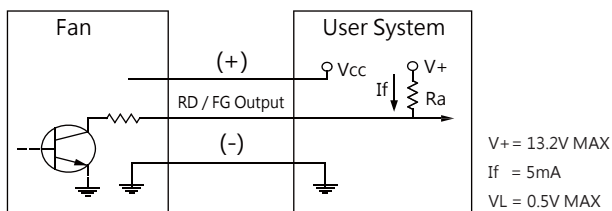


产品外观尺寸(mm)

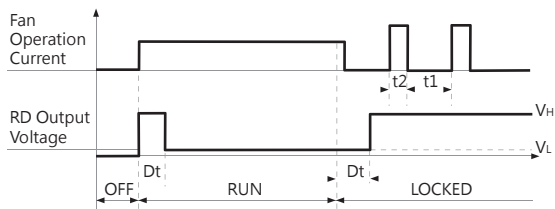


*以上产品如有客制化设计需求请与SUNON销售人员联络。

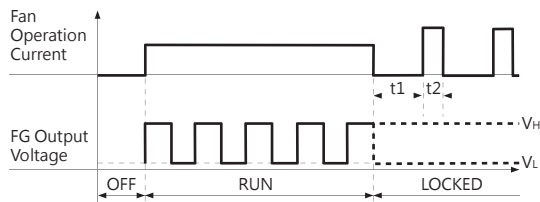
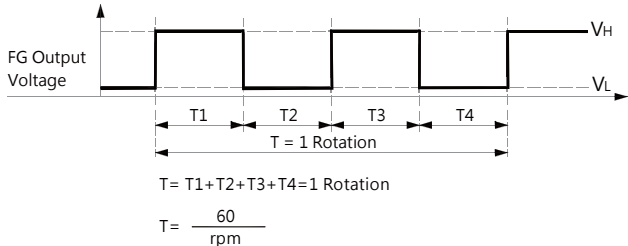
■ 三导应用规范



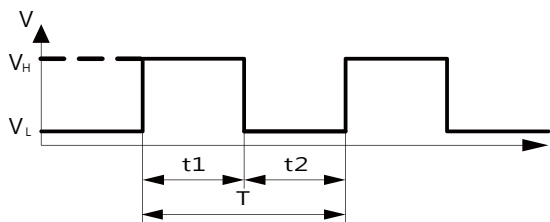
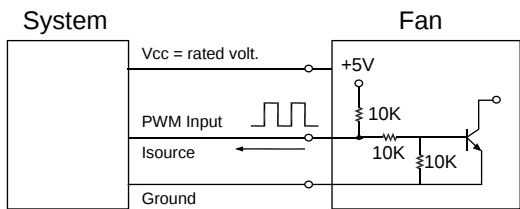
[RD Signal]



[FG Signal]



■ PWM 输入讯号



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

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

$V_H = 2.3 \sim 5.5V$

$V_L = 0 \sim 0.8V$

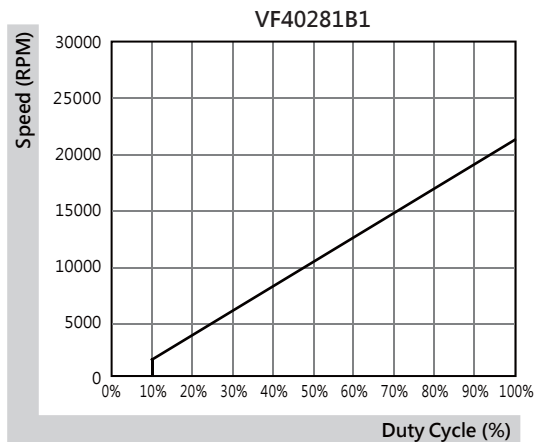
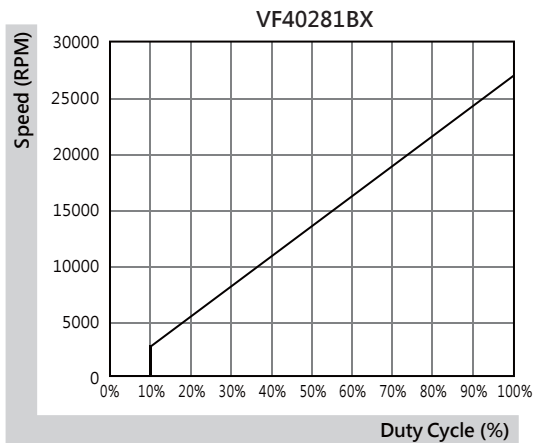
PWM FREQUENCY: 25KHZ

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%.

■ PWM 特性曲线



*以上产品如有客制化设计需求请与SUNON销售人员联络。

40x40x28 mm

24.9 CFM



产品规格

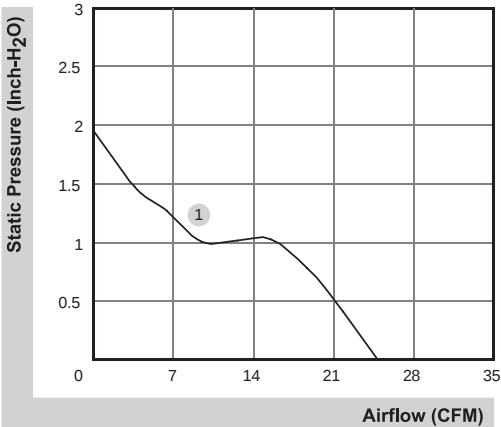
	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	VAPO	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(Inch-H ₂ O)	(dB(A))	(g)	
PF40281V1-000C-A99	●	12	740	8.88	17600	24.9	1.95	56.0	45.0	1

功能

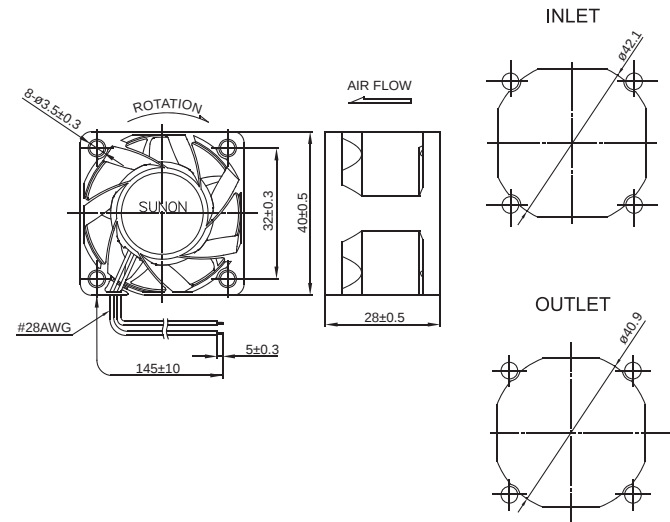
PF40281V1

A99: AutoRestart
 G99: AutoRestart and F type
 S99: AutoRestart , F type and PWM

风量 / 风压特性曲线



产品外观尺寸(mm)



*以上产品如有客制化设计需求请与SUNON销售人员联络。

40x40x28 mm

12.8~31.3 CFM



■ 产品规格

型号	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(Inch-H ₂ O)	(dB(A))	(g)	
PF40281BX-000C-A99	☉	12	900	10.80	22000	31.3	2.81	62.0	42.0	1
PF40281B1-000C-A99	☉	12	510	6.12	17600	24.9	1.95	56.0	42.0	2
PF40281B2-000C-A99	☉	12	246	2.96	13000	18.0	1.10	48.7	45.0	3
PF40281B3-000C-A99	☉	12	162	1.95	11000	15.4	0.78	43.9	45.0	4
PF40281B4-000C-A99	☉	12	116	1.40	9200	12.8	0.54	39.9	45.0	5

■ 功能

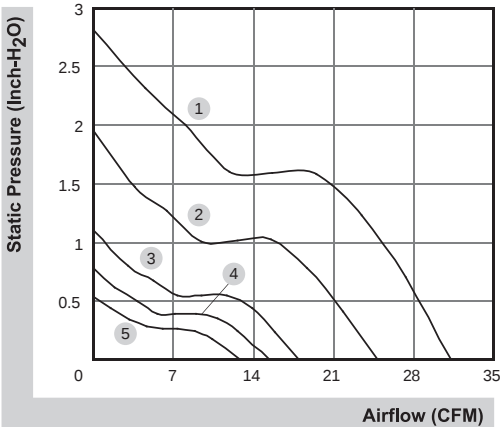
PF40281BX / 1

A99: AutoRestart
F99: AutoRestart and R type
G99: AutoRestart and F type
H99: AutoRestart and PWM
Q99: AutoRestart , R type and PWM
S99: AutoRestart , F type and PWM

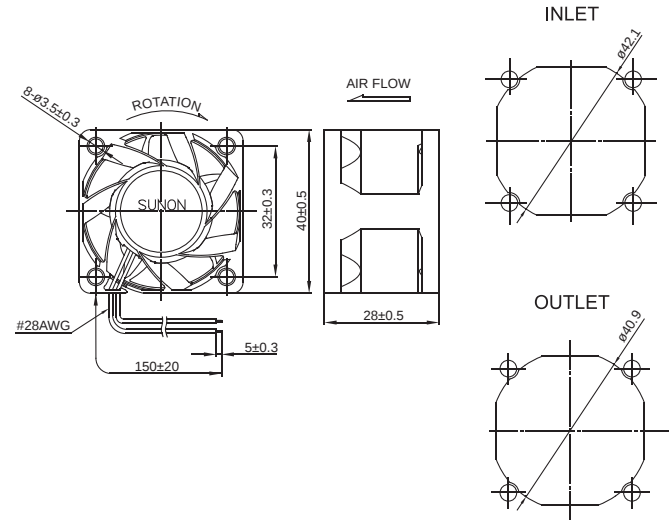
PF40281B2 / 3 / 4

A99: AutoRestart
F99: AutoRestart and R type
G99: AutoRestart and F type

■ 风量 / 风压特性曲线

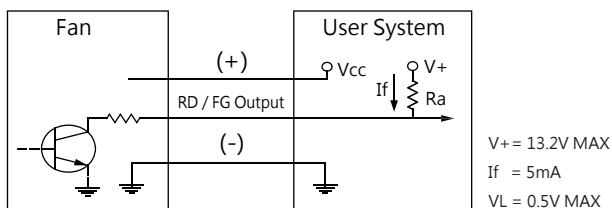


■ 产品外观尺寸(mm)

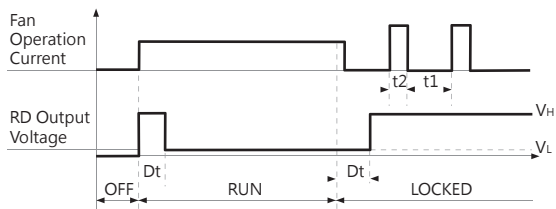


*以上产品如有客制化设计需求请与SUNON销售人员联络。

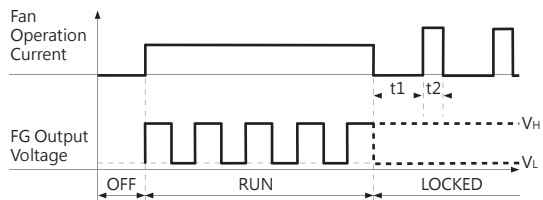
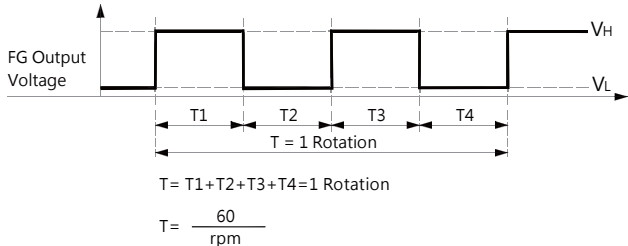
■ 三导应用规范



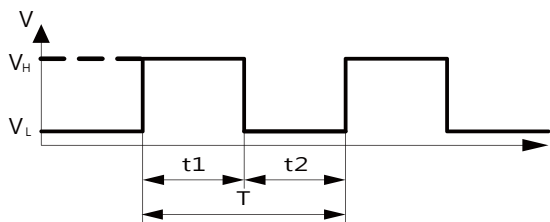
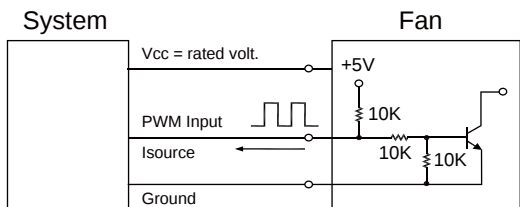
[RD Signal]



[FG Signal]



■ PWM 输入讯号



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

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

$V_H = 2.3 \sim 5.5V$

$V_L = 0 \sim 0.8V$

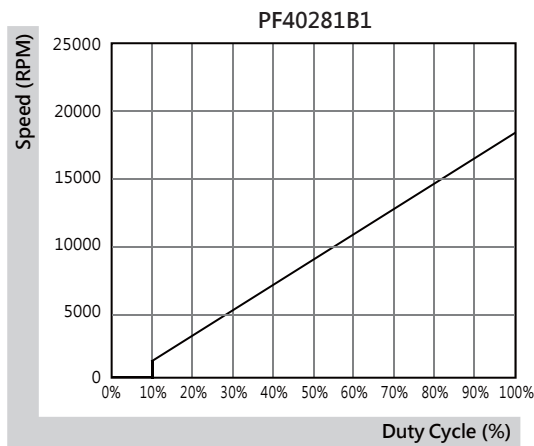
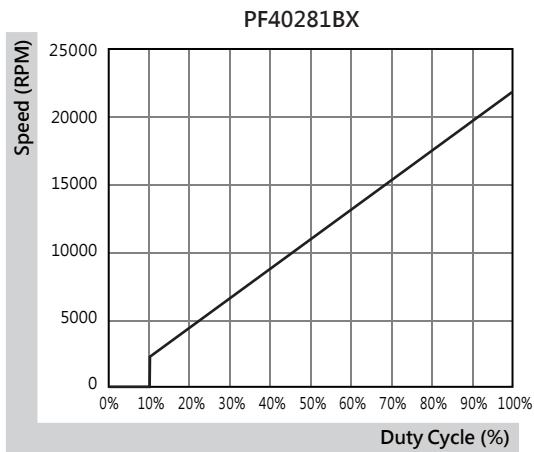
PWM FREQUENCY: 25KHZ

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%.

■ PWM 特性曲线



*以上产品如有客制化设计需求请与SUNON销售人员连络。

40x40x56 mm

26.9~31.7 CFM



产品规格

型号	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(Inch-H ₂ O)	(dB(A))	(g)	
PF40561BX-000C-A99	☉	12	1390	16.68	21500/18000	31.7	3.60	65.9	87.0	1
PF40561B1-000C-A99	☉	12	890	10.68	18000/15000	26.9	2.56	62.3	87.0	2

功能

PF40561BX / 1

A99: AutoRestart

F99: AutoRestart and R type

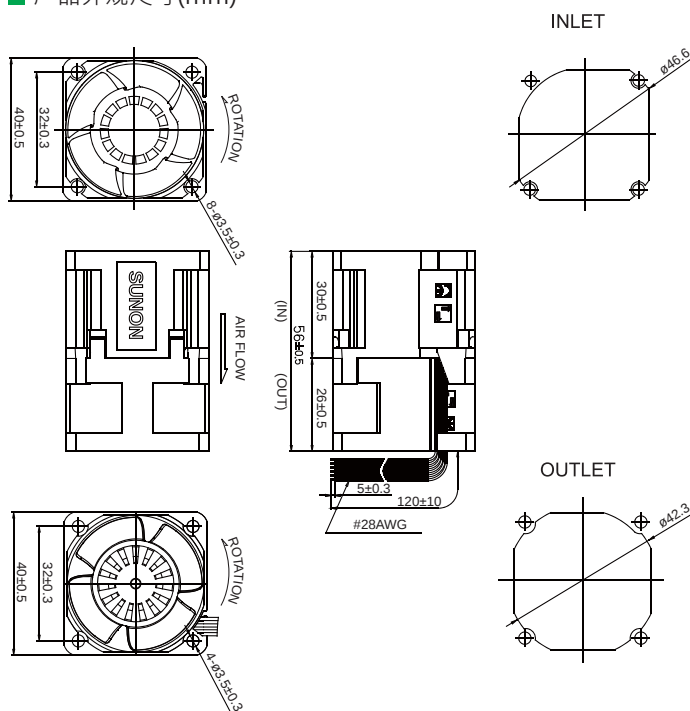
G99: AutoRestart and F type

H99: AutoRestart and PWM

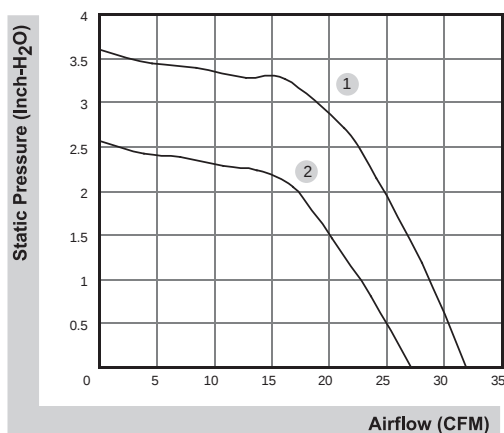
Q99: AutoRestart , R type and PWM

S99: AutoRestart , F type and PWM

产品外观尺寸(mm)

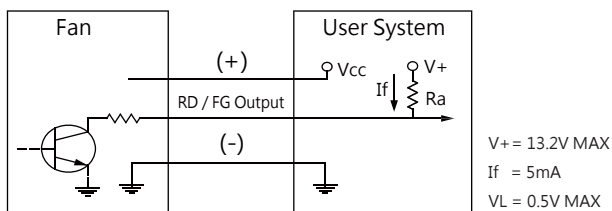


风量 / 风压特性曲线

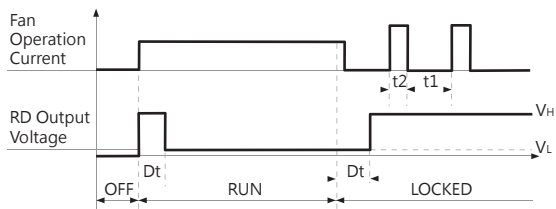


*以上产品如有客制化设计需求请与SUNON销售人员联络。

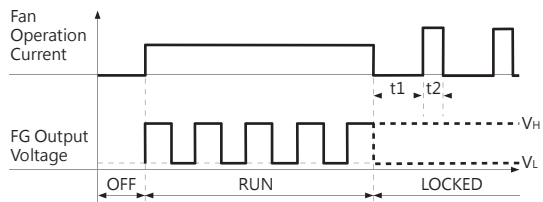
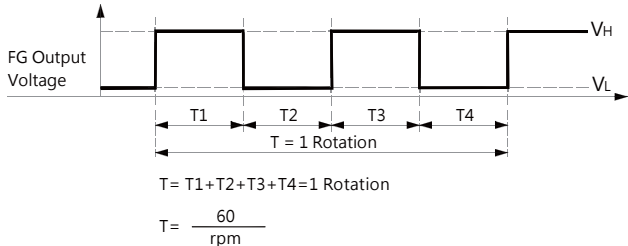
■ 三导应用规范



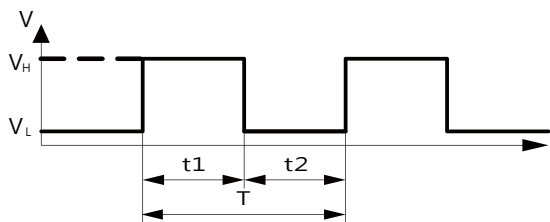
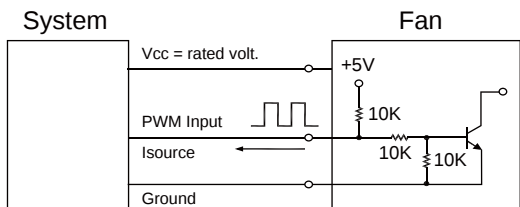
[RD Signal]



[FG Signal]



■ PWM 输入讯号



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

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

$V_H = 2.3 \sim 5.5V$

$V_L = 0 \sim 0.8V$

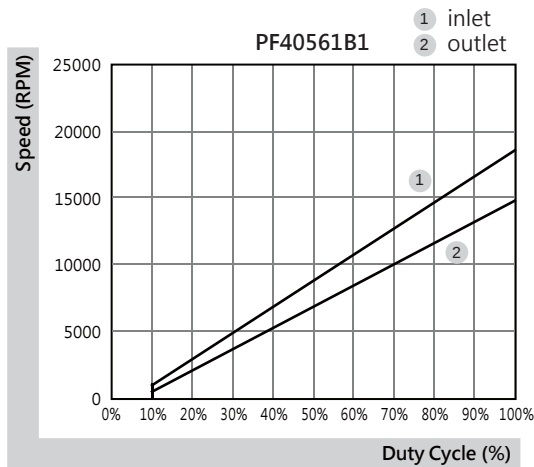
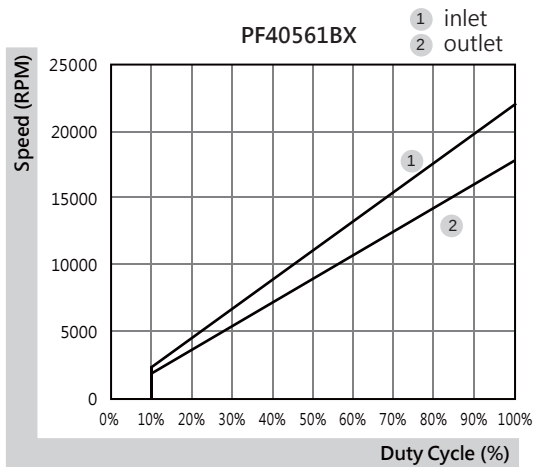
PWM FREQUENCY: 25KHZ

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%.

■ PWM 特性曲线



*以上产品如有客制化设计需求请与SUNON销售人员联络。

60x60x38 mm

60.6~75.2 CFM



■ 产品规格

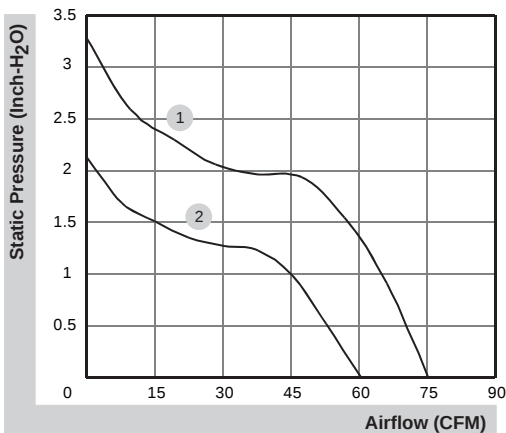
型号	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(Inch-H ₂ O)	(dB(A))	(g)	
PF60381BX-000C-A99	☉	12	2500	30.00	16500	75.2	3.28	67.6	127.0	1
PF60381B1-000C-A99	☉	12	1200	14.40	13200	60.6	2.13	61.2	127.0	2

■ 功能

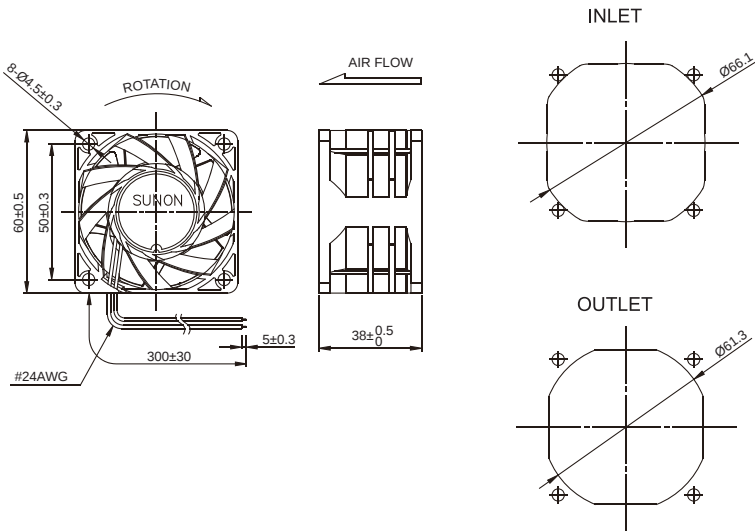
PF60381BX / 1

- A99: AutoRestart
F99: AutoRestart and R type
G99: AutoRestart and F type
H99: AutoRestart and PWM
Q99: AutoRestart , R type and PWM
S99: AutoRestart , F type and PWM

■ 风量 / 风压特性曲线

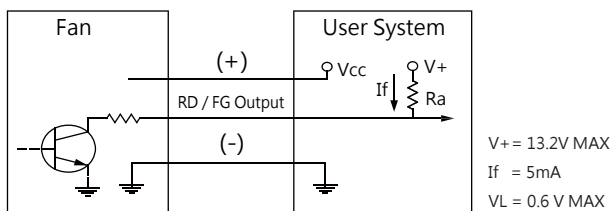


■ 产品外观尺寸(mm)(mm)

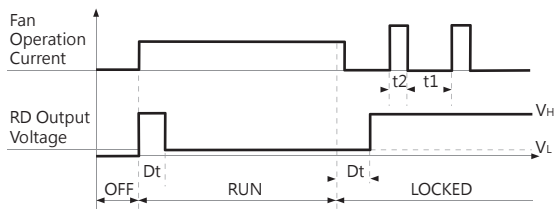


*以上产品如有客制化设计需求请与SUNON销售人员联络。

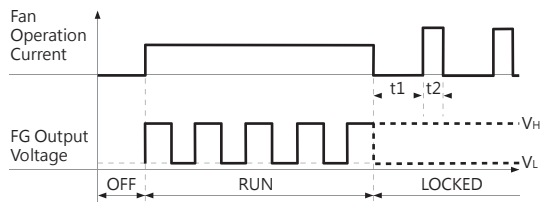
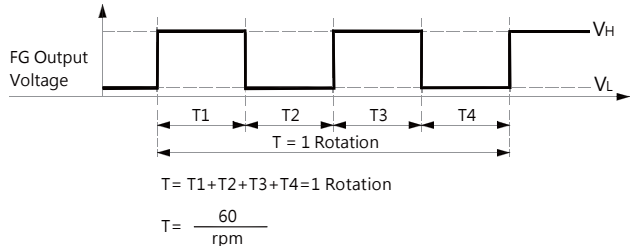
■ 三导应用规范



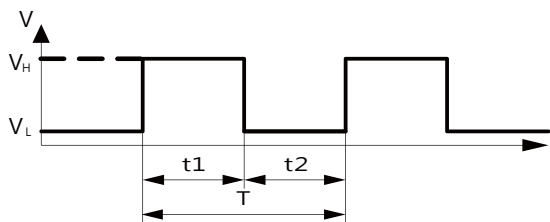
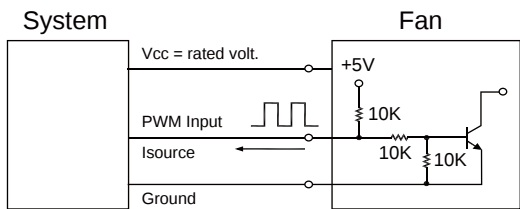
[RD Signal]



[FG Signal]



■ PWM 输入讯号



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

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

VH=2.3~5.5V

VL=0~0.8V

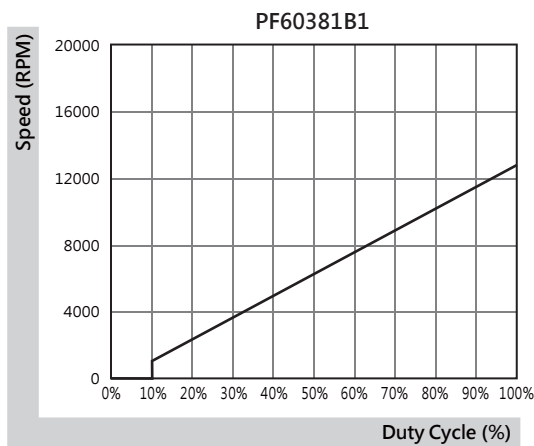
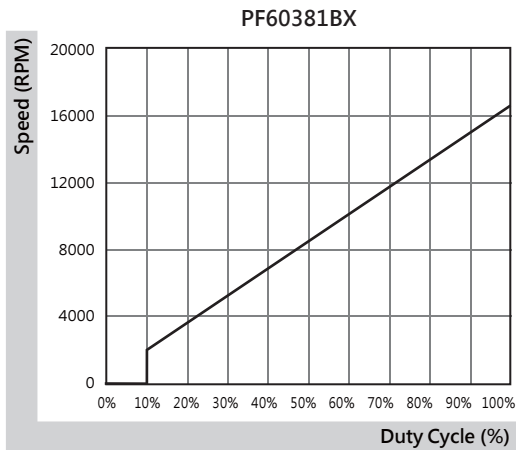
PWM FREQUENCY: 25KHZ

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%.

■ PWM 特性曲线



*以上产品如有客制化设计需求请与SUNON销售人员连络。

60x60x38 mm

54.1~67.8 CFM



■ 产品规格

型号	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	
VF60381BX-000C-A9H	☉	12	1900	22.80	22800	67.8	4.84	64.1	120.0	1
VF60381B1-000C-A9H	☉	12	1000	12.00	18300	54.1	4.23	60.9	120.0	2

■ 功能

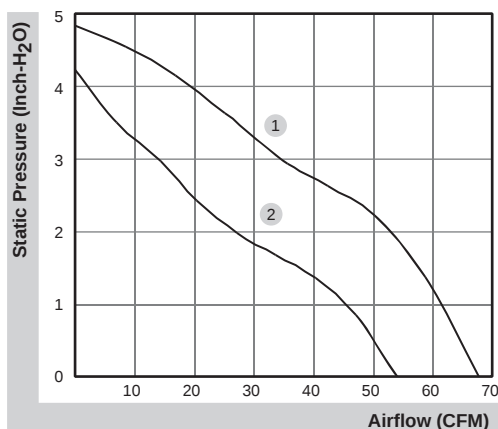
VF60381BX / 1

A9H: AutoRestart

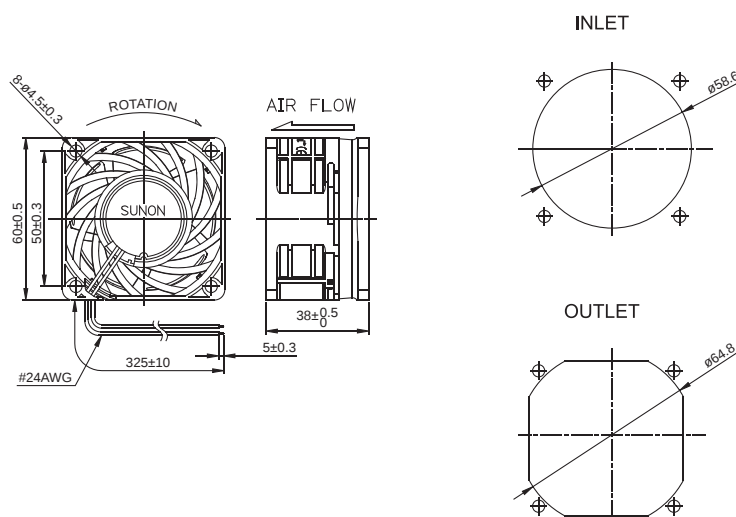
G9H: AutoRestart and F type

S9H: AutoRestart , F type and PWM

■ 风量 / 风压特性曲线

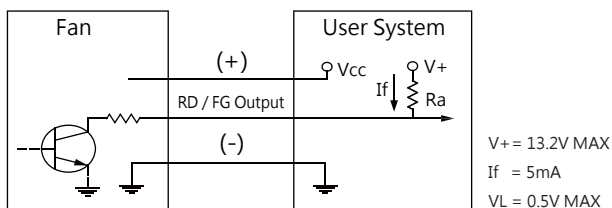


■ 产品外观尺寸(mm) (mm)

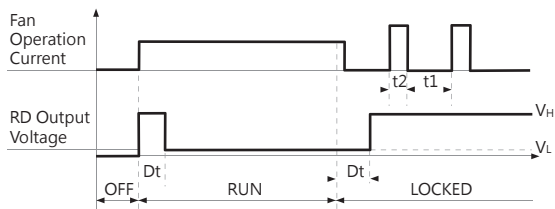


*以上产品如有客制化设计需求请与SUNON销售人员联络。

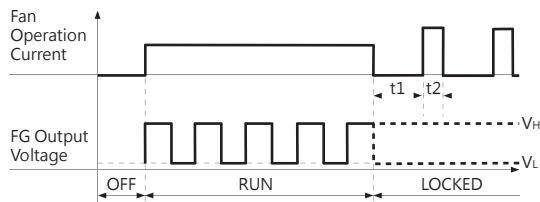
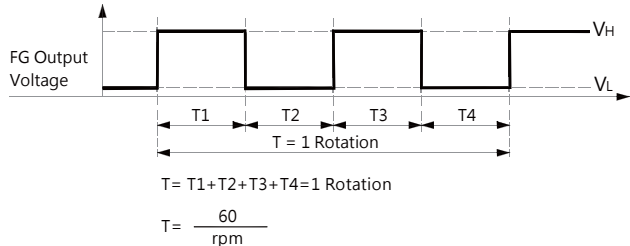
■ 三导应用规范



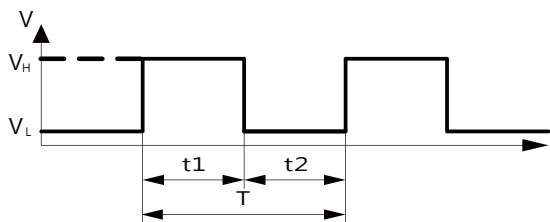
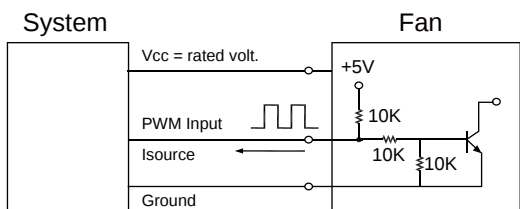
[RD Signal]



[FG Signal]



■ PWM 输入讯号



1. Period :

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

2. Duty Cycle (D.C.) :

$$\frac{t_1}{t_1 + t_2} * 100 = \frac{t_1}{T} * 100 (\%)$$

$V_H = 2.3 \sim 5.5V$

$V_L = 0 \sim 0.8V$

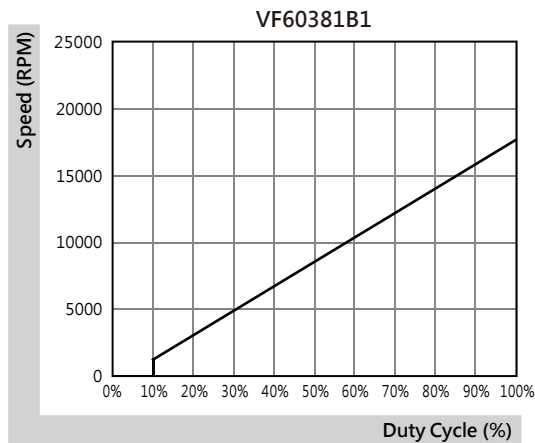
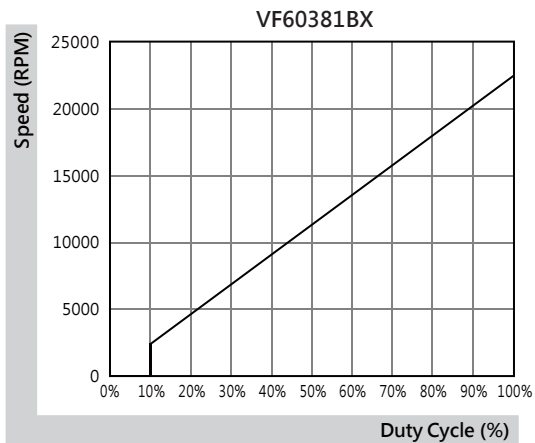
PWM FREQUENCY: 25KHZ

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%.

■ PWM 特性曲线



*以上产品如有客制化设计需求请与SUNON销售人员连络。

60x60x56 mm

58.5~72.9 CFM



■ 产品规格

型号	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	
PF60561BX-000C-A9H	☉	12	2500	30.00	15300/14300	72.9	3.44	71.7	172.0	1
PF60561B1-000C-A9H	☉	12	1400	16.80	12300/11500	58.5	2.35	67.0	172.0	2

■ 功能

PF60561BX / 1

A9H: AutoRestart

F9H: AutoRestart and R type

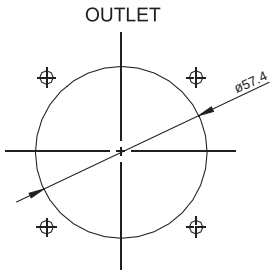
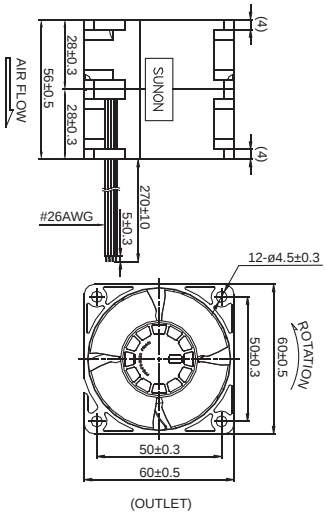
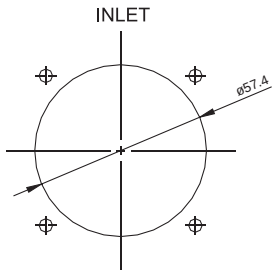
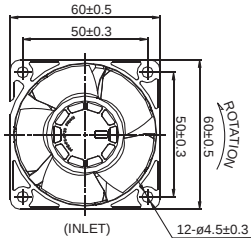
G9H: AutoRestart and F type

H9H: AutoRestart and PWM

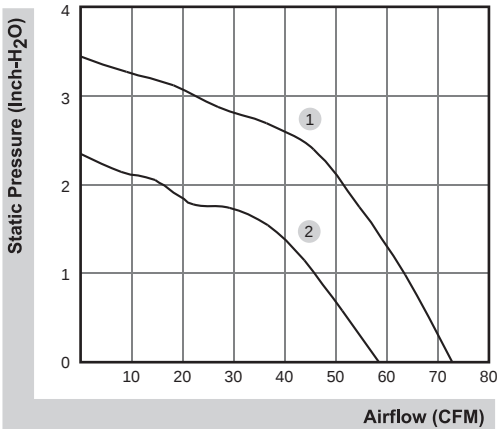
Q9H: AutoRestart, R type and PWM

S9H: AutoRestart, F type and PWM

■ 产品外观尺寸(mm)

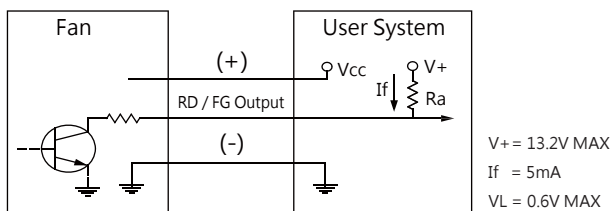


■ 风量 / 风压特性曲线

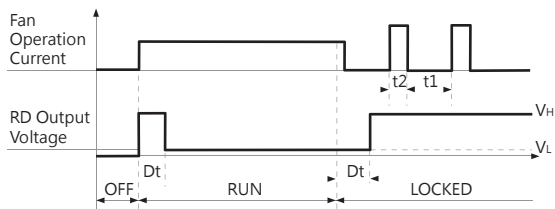


*以上产品如有客制化设计需求请与SUNON销售人员联络。

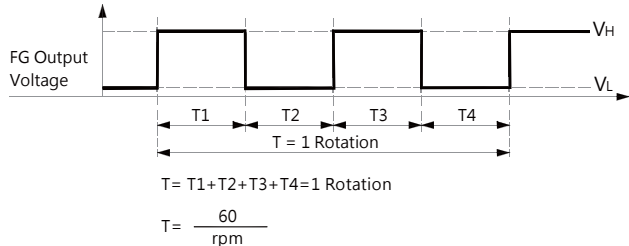
■ 三导应用规范



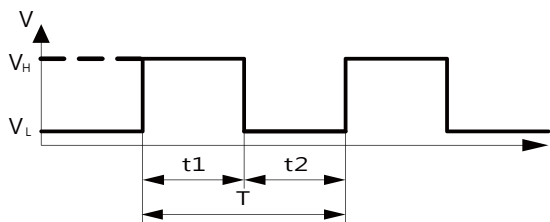
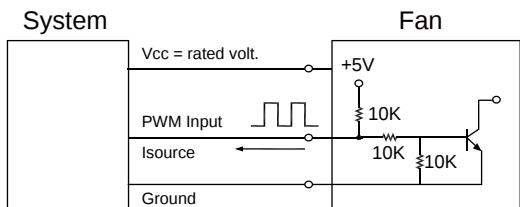
[RD Signal]



[FG Signal]



■ PWM 输入讯号



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

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

VH=2.3~5.5V

VL=0~0.8V

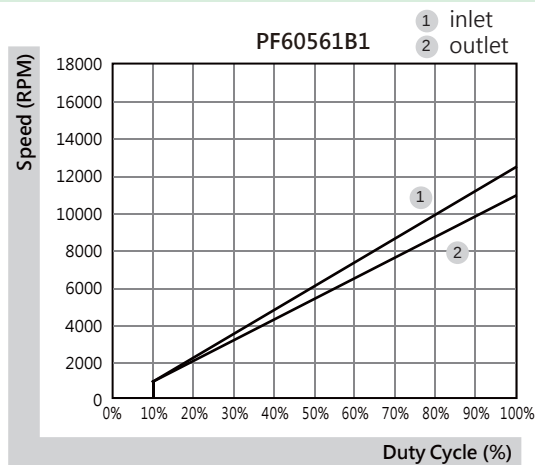
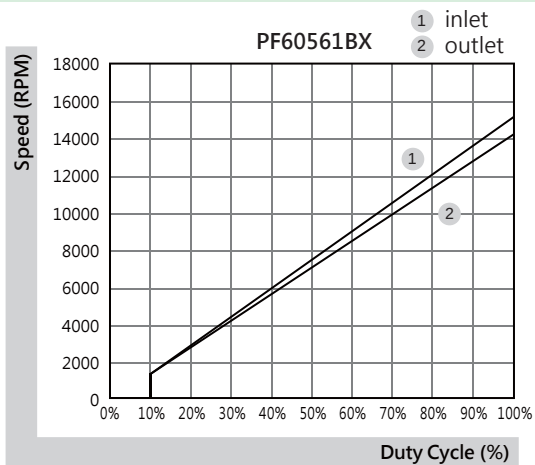
PWM FREQUENCY: 25KHZ

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%.

■ PWM 特性曲线



*以上产品如有客制化设计需求请与SUNON销售人员联络。

60x60x76 mm

58.7~73.2 CFM



产品规格

型号	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	
PF60761BX-000C-A99	☉	12	2800	33.60	18200/14700	73.2	3.96	68.6	270.0	1
PF60761B1-000C-A99	☉	12	1600	19.20	14600/11700	58.7	2.54	62.8	270.0	2

功能

PF60761BX / 1

A99: AutoRestart

F99: AutoRestart and R type

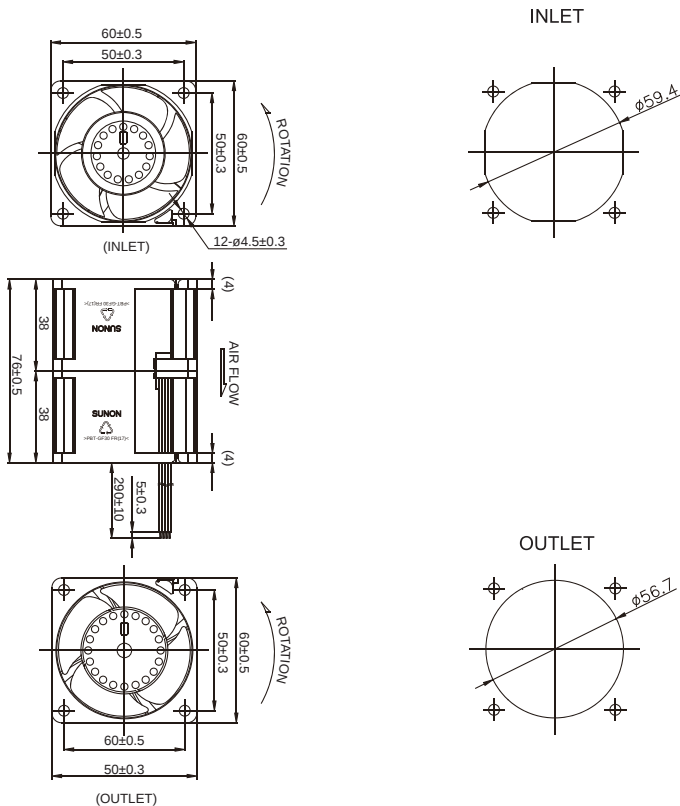
G99: AutoRestart and F type

H99: AutoRestart and PWM

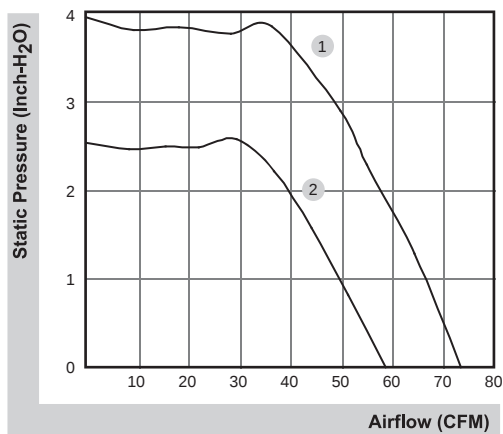
Q99: AutoRestart , R type and PWM

S99: AutoRestart , F type and PWM

产品外观尺寸(mm)

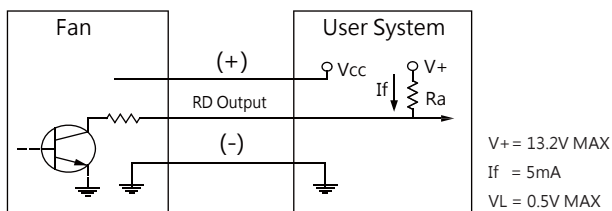


风量 / 风压特性曲线

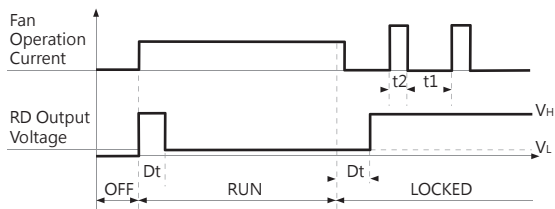


*以上产品如有客制化设计需求请与SUNON销售人员联络。

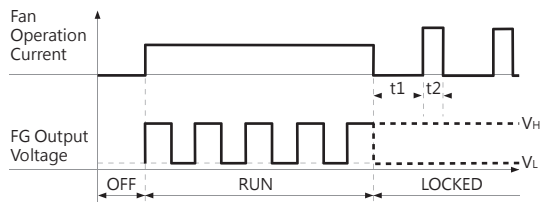
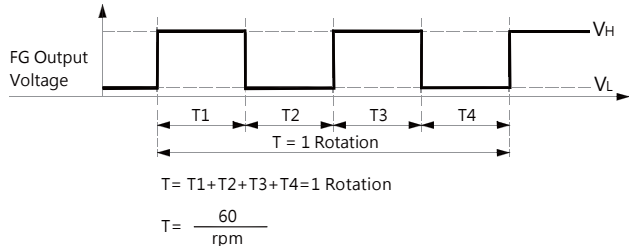
■ 三导应用规范



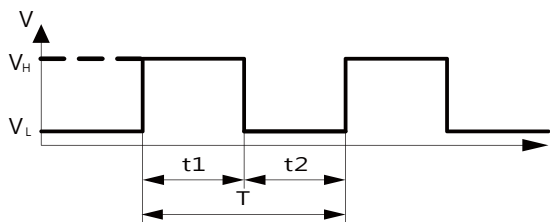
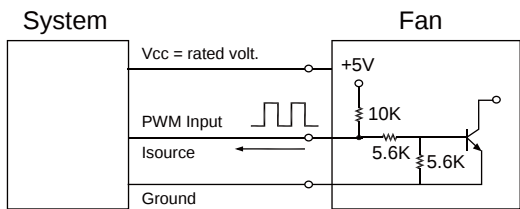
[RD Signal]



[FG Signal]



■ PWM 输入讯号



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

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

VH=2.3~5.5V

VL=0~0.8V

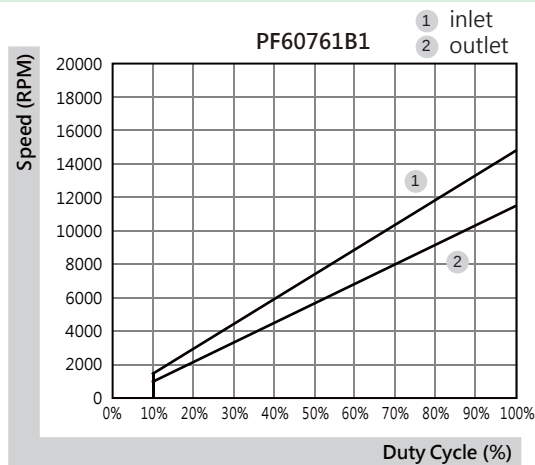
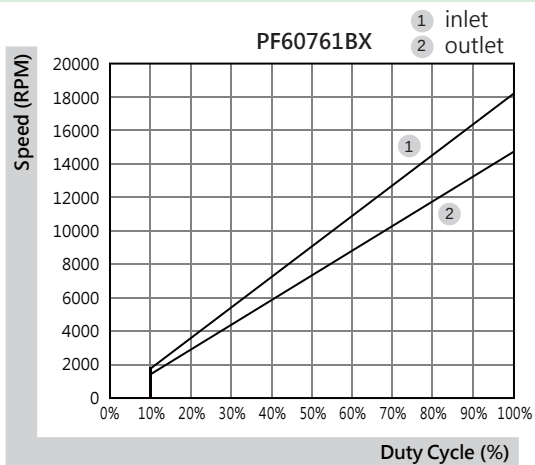
PWM FREQUENCY: 25KHZ

Isource=0.5mA at PWM Input Voltage 0V

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

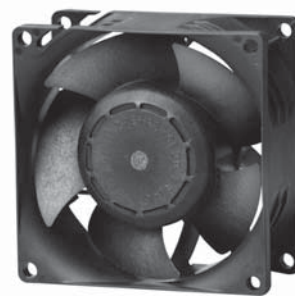
Min. start up duty cycle is 10%.

■ PWM 特性曲线



*以上产品如有客制化设计需求请与SUNON销售人员联络。

113.9~141.9 CFM



型号	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	
PF80381BX-000C-A99	☛	12	4000	48.00	14000	141.9	3.20	72.1	195.0	1
PF80381B1-000C-A99	☛	12	2000	24.00	11200	113.9	2.23	64.8	195.0	2

A99: AutoRestart
F99: AutoRestart and R type
G99: AutoRestart and F type
H99: AutoRestart and PWM
Q99: AutoRestart , R type and PWM
S99: AutoRestart , F type and PWM

A line graph showing Static Pressure (Inch-H₂O) on the Y-axis versus Airflow (CFM) on the X-axis. The Y-axis ranges from 0 to 3.5 with major grid lines every 0.7 units. The X-axis ranges from 0 to 144 with major grid lines every 24 units. Two curves are plotted: Curve 1 (top) and Curve 2 (bottom). Both curves show a decrease in static pressure as airflow increases. Curve 1 starts at approximately 3.2 inch-H₂O at 0 CFM and ends at 144 CFM at 0 inch-H₂O. Curve 2 starts at approximately 2.2 inch-H₂O at 0 CFM and ends at approximately 108 CFM at 0 inch-H₂O. The curves are labeled with circled numbers 1 and 2.

Airflow (CFM)	Static Pressure (Inch-H ₂ O) - Curve 1	Static Pressure (Inch-H ₂ O) - Curve 2
0	3.2	2.2
24	2.8	1.8
48	2.4	1.4
72	1.8	1.1
96	1.4	0.7
120	0.8	-
144	0	-

Technical drawing of a square duct with a circular fan. The drawing includes a top view, a side view, and two cross-sectional views.

Top View: Shows a square duct with a circular fan in the center. The fan has a diameter of 80 ± 0.5 and a central hub with a diameter of 71.5 ± 0.3 . The fan blades are labeled "SUNON". The duct has a thickness of $8-20.5 \pm 0.3$. The duct's width is 300 ± 20 . The fan is labeled "ROTATION".

Side View: Shows the duct's profile with a height of 38 ± 0.5 . The duct has a thickness of 5 ± 0.3 . The fan is labeled "AIR FLOW".

Cross-sectional Views: Two views showing the duct's internal structure and the fan's position. The inlet and outlet diameters are labeled as $\varnothing 88.4$.

Labels: #24AWG, 300±20, 5±0.3, 38±0.5, 8-20.5±0.3, 80±0.5, 71.5±0.3, SUNON, ROTATION, AIR FLOW, INLET, OUTLET, Ø88.4.

25

80x80x38 mm

105.8~134.3 CFM



■ 产品规格

型号	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	
PF80384BX-000C-A99	☉	48	700	33.60	12900	134.3	3.35	67.5	204.0	1
PF80384B1-000C-A99	☉	48	380	18.24	10500	105.8	2.46	62.6	204.0	2

■ 功能

PF80384BX / 1

A99: AutoRestart

F99: AutoRestart and R type

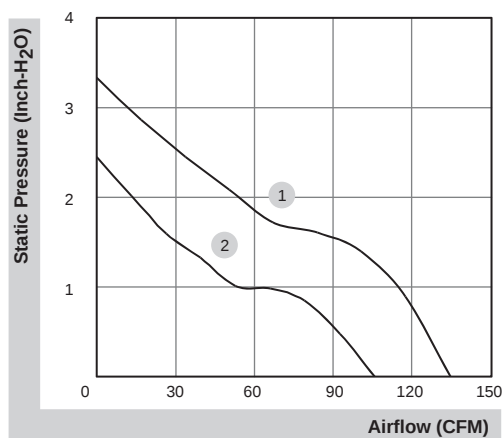
G99: AutoRestart and F type

H99: AutoRestart and PWM

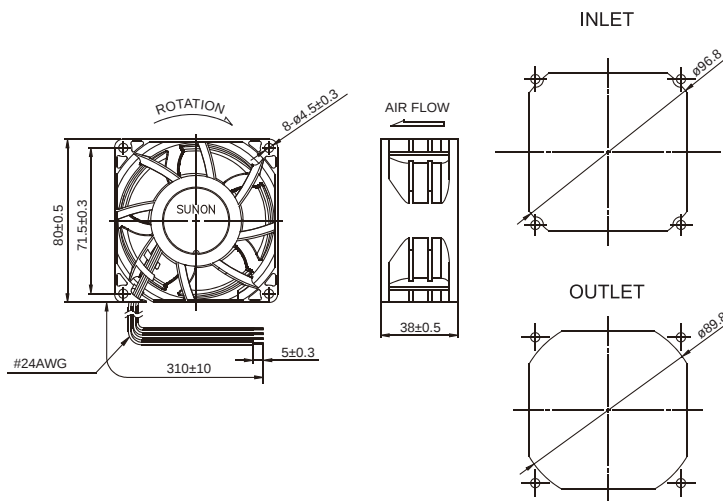
Q99: AutoRestart , R type and PWM

S99: AutoRestart , F type and PWM

■ 风量 / 风压特性曲线



■ 产品外观尺寸(mm)



*以上产品如有客制化设计需求请与SUNON销售人员联络。

80x80x80 mm

122.0~151.5 CFM



■ 产品规格

型号	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	
PF80801BX-000C-A9H	☉	12	6800	81.60	15600/14100	151.5	5.44	80.4	464.0	1
PF80801B1-000C-A9H	☉	12	3500	42.00	12600/11300	122.0	3.66	75.1	464.0	2

■ 功能

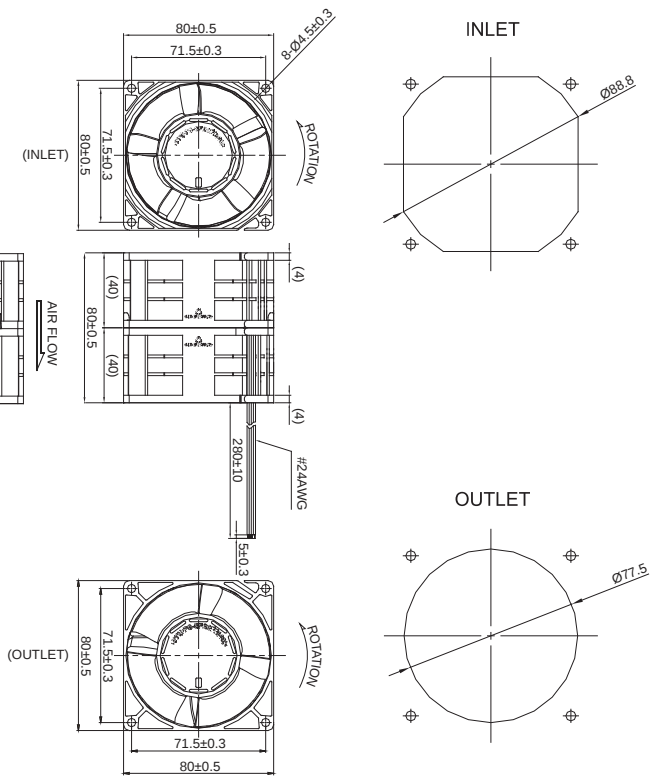
PF80801BX / 1

A9H: AutoRestart

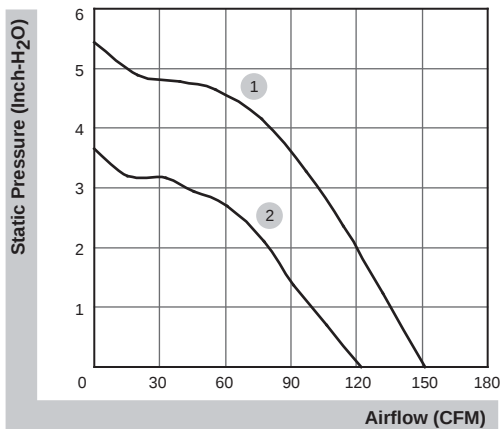
G9H: AutoRestart and F type

S9H: AutoRestart , F type and PWM

■ 产品外观尺寸(mm)

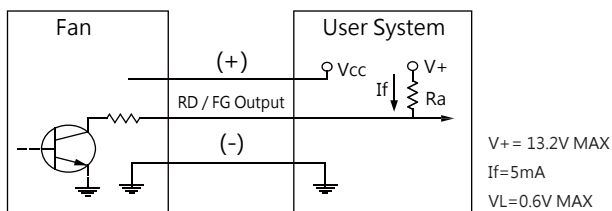


■ 风量 / 风压特性曲线

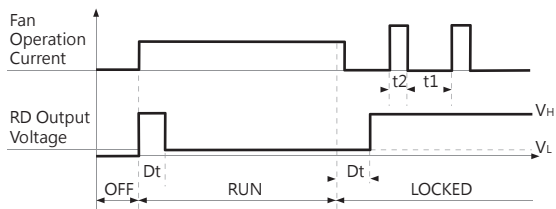


*以上产品如有客制化设计需求请与SUNON销售人员联络。

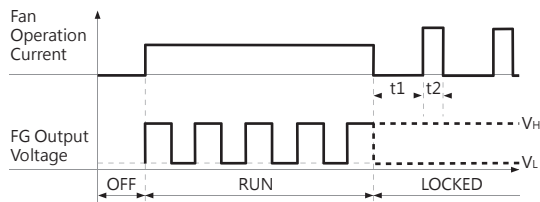
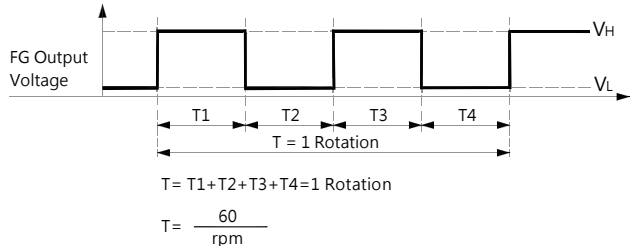
■ 三导应用规范



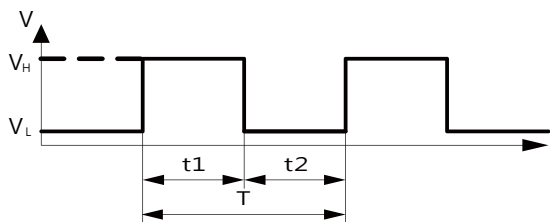
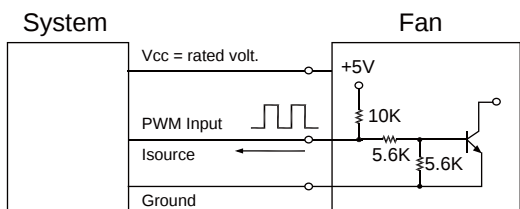
[RD Signal]



[FG Signal]



■ PWM 输入讯号



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

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

VH=2.3~5.5V

VL=0~0.8V

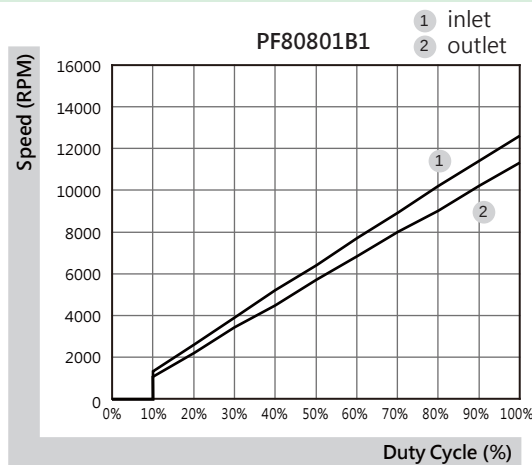
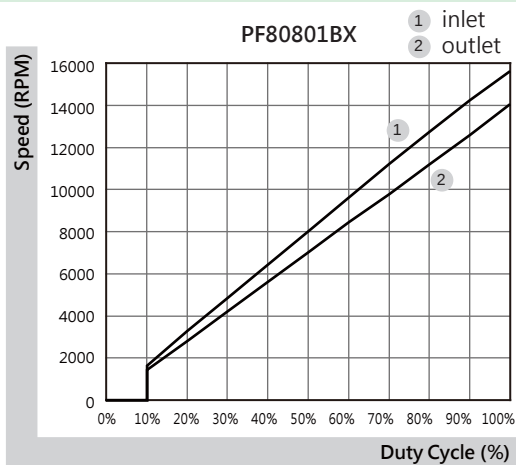
PWM FREQUENCY: 25KHZ

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%.

■ PWM 特性曲线



*以上产品如有客制化设计需求请与SUNON销售人员联络。

92x92x38 mm

138.1~182.4 CFM



■ 产品规格

型号	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(Inch-H ₂ O)	(dB(A))	(g)	
PF92381BX-000C-A99	☉	12	4000	48.00	13000	182.4	2.94	72.1	210.0	1
PF92381B1-000C-A99	☉	12	1700	20.40	9800	138.1	1.95	63.7	210.0	2

■ 功能

PF92381BX / 1

A99: AutoRestart

F99: AutoRestart and R type

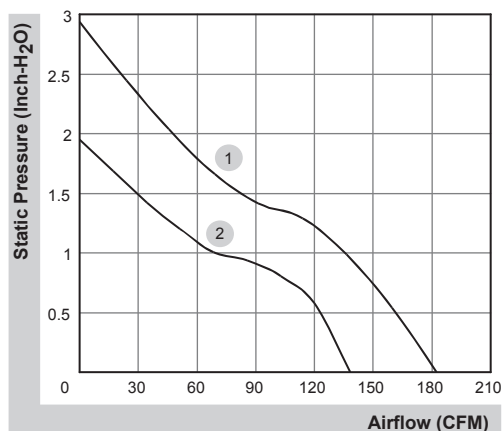
G99: AutoRestart and F type

H99: AutoRestart and PWM

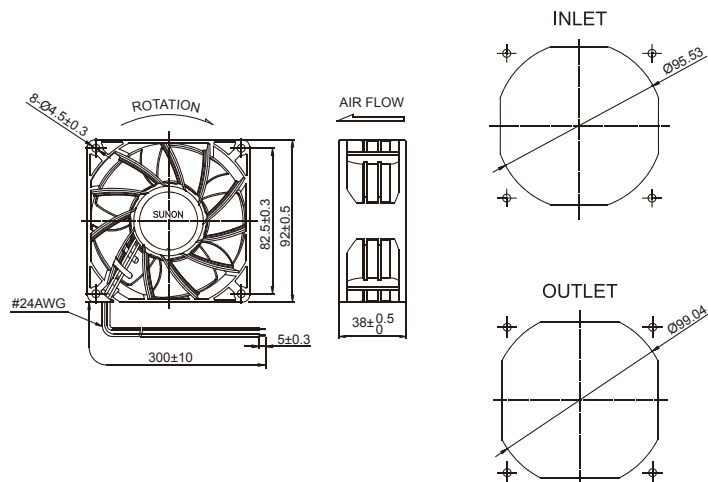
Q99: AutoRestart , R type and PWM

S99: AutoRestart , F type and PWM

■ 风量 / 风压特性曲线

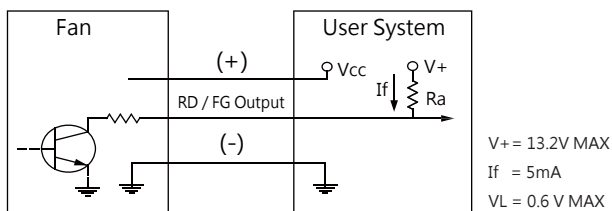


■ 产品外观尺寸(mm)

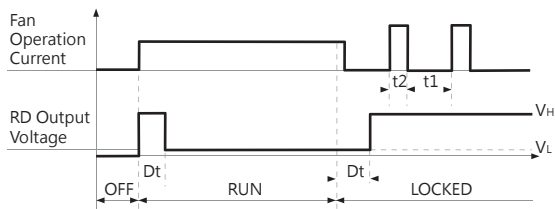


*以上产品如有客制化设计需求请与SUNON销售人员联络。

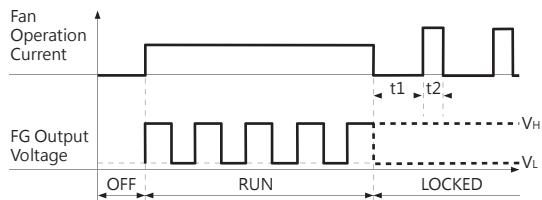
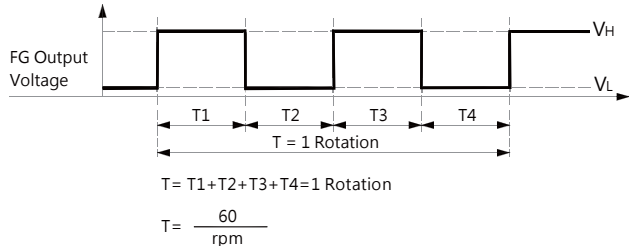
■ 三导应用规范



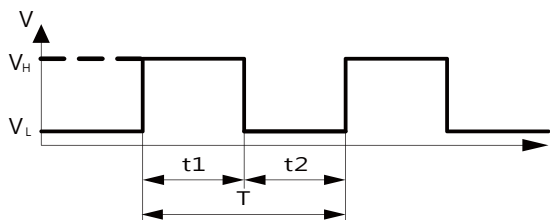
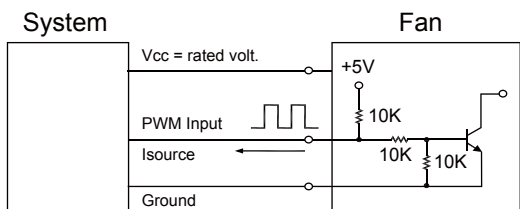
[RD Signal]



[FG Signal]



■ PWM 输入讯号



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

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

VH=2.3~5.5V

VL=0~0.8V

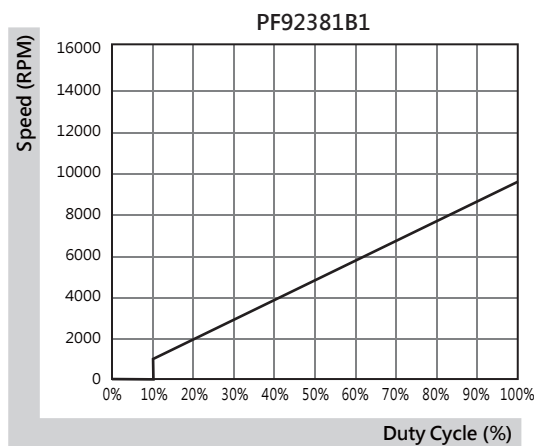
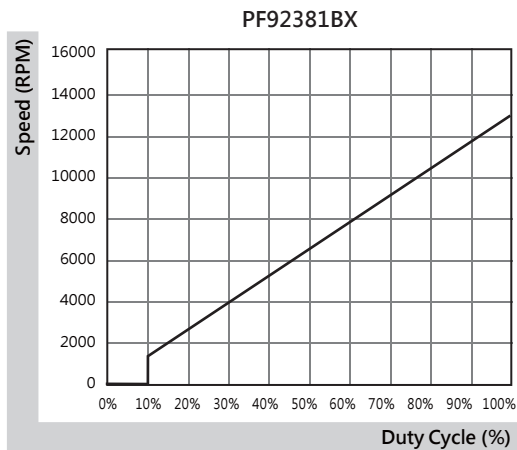
PWM FREQUENCY: 25KHZ

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%.

■ PWM 特性曲线



*以上产品如有客制化设计需求请与SUNON销售人员连络。

140x140x38 mm

238.5~297.9 CFM



产品规格

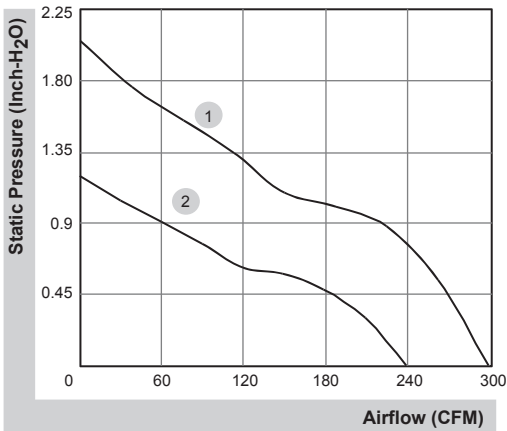
型号	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(Inch-H ₂ O)	(dB(A))	(g)	
PFE0381BX-000C-A99	☉	12	3300	39.60	6800	297.9	2.05	68.3	472.0	1
PFE0381B1-000C-A99	☉	12	1720	20.64	5500	238.5	1.20	62.0	472.0	2

功能

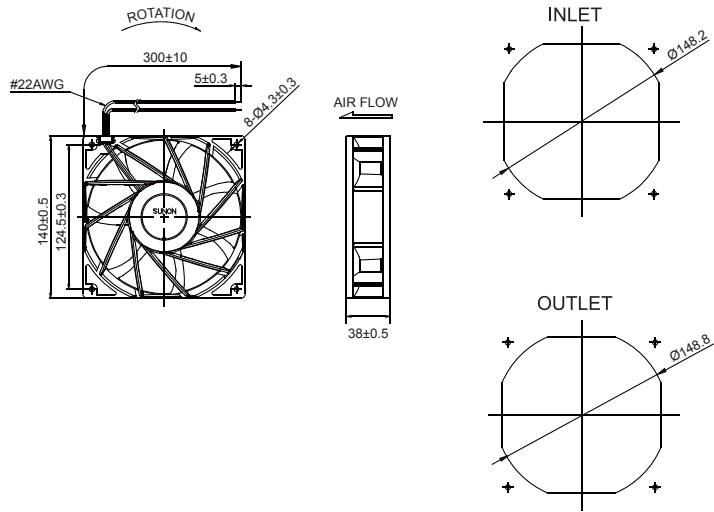
PFE0381BX / 1

- A99: AutoRestart
- F99: AutoRestart and R type
- G99: AutoRestart and F type
- H99: AutoRestart and PWM
- Q99: AutoRestart , R type and PWM
- S99: AutoRestart , F type and PWM

风量 / 风压特性曲线

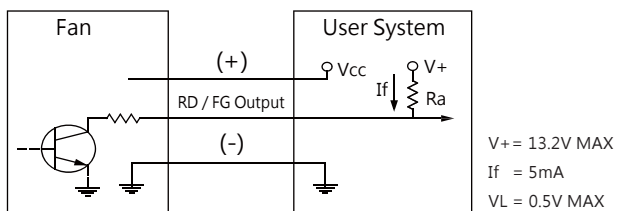


产品外观尺寸(mm)

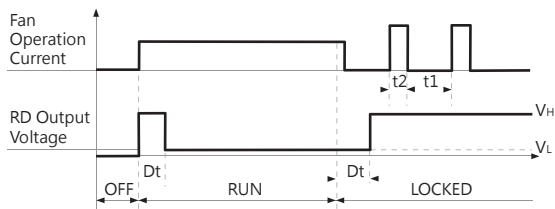


*以上产品如有客制化设计需求请与SUNON销售人员联络。

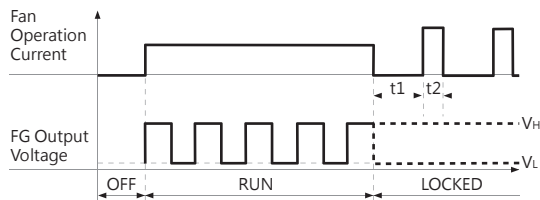
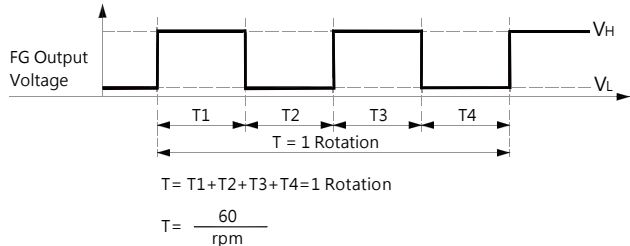
■ 三导应用规范



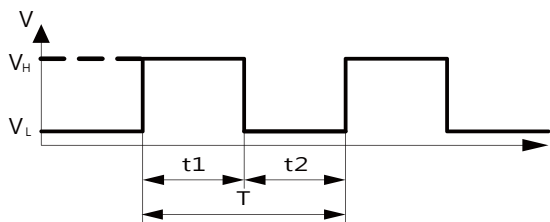
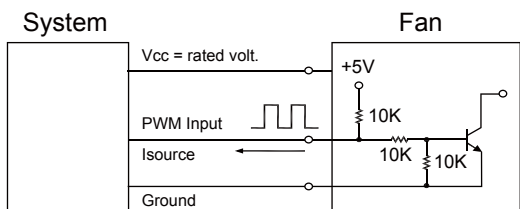
[RD Signal]



[FG Signal]



■ PWM 输入讯号



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

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

VH=2.3~5.5V

VL=0~0.8V

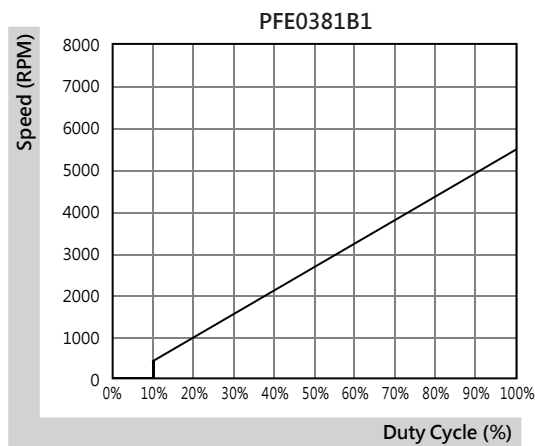
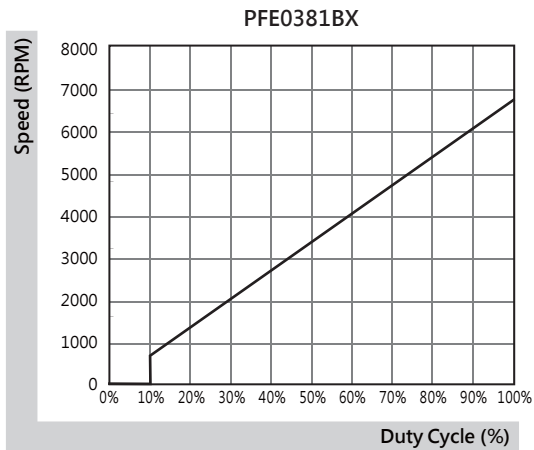
PWM FREQUENCY: 25KHZ

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%.

■ PWM 特性曲线



*以上产品如有客制化设计需求请与SUNON销售人员连络。

140x140x38 mm

282.6 CFM



产品规格

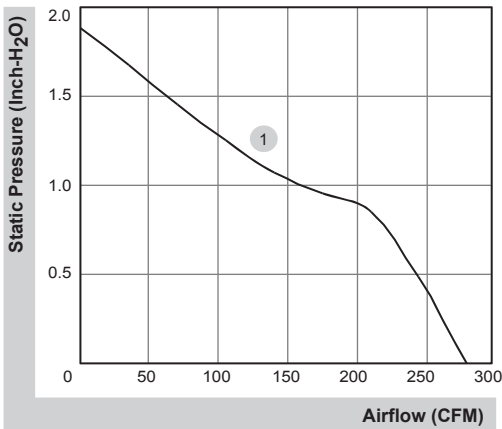
型号	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	
PFE0384BX-000C-A99	2BALL Sleeve	48	740	35.52	6600	282.6	1.88	65.9	560.0	1

功能

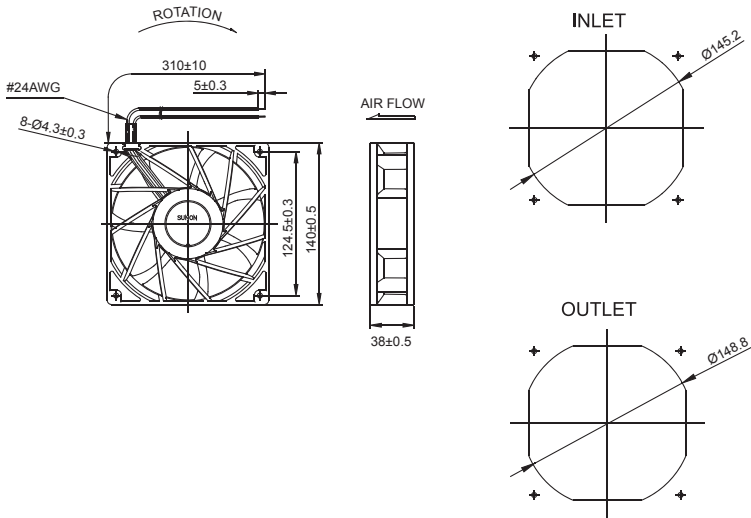
PFE0384BX

- A99: AutoRestart
- F99: AutoRestart and R type
- G99: AutoRestart and F type
- H99: AutoRestart and PWM
- Q99: AutoRestart , R type and PWM
- S99: AutoRestart , F type and PWM

风量 / 风压特性曲线



产品外观尺寸(mm)



*以上产品如有客制化设计需求请与SUNON销售人员联络。

140x140x51 mm

250.3 CFM



产品规格

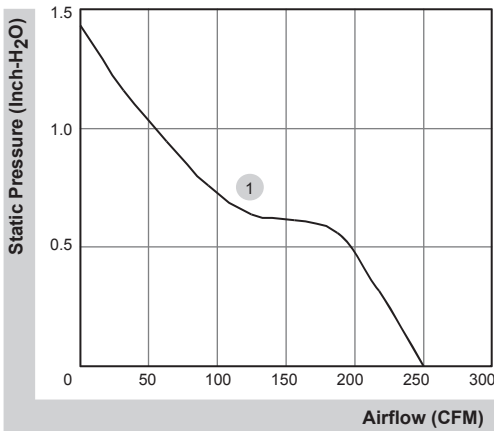
型号	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	
PFE0514B1-000C-A99	2BALL Sleeve	48	470	22.56	5000	250.3	1.43	61.4	635.0	1

功能

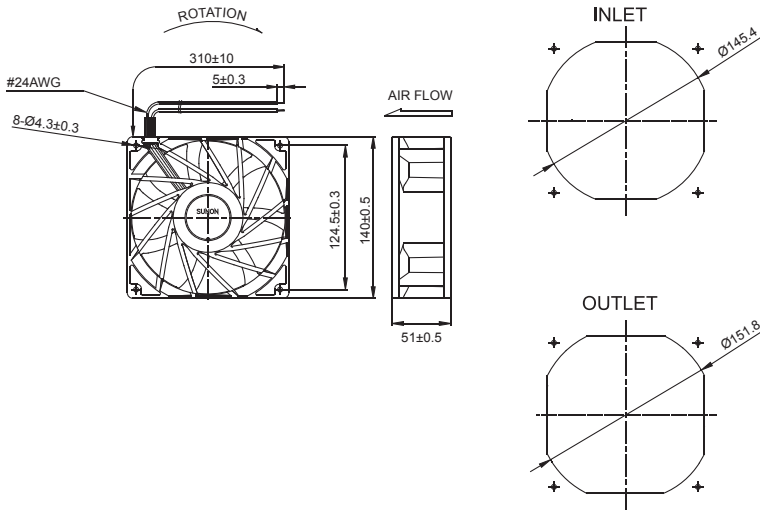
PFE0514B1

- A99: AutoRestart
- F99: AutoRestart and R type
- G99: AutoRestart and F type
- H99: AutoRestart and PWM
- Q99: AutoRestart , R type and PWM
- S99: AutoRestart , F type and PWM

风量 / 风压特性曲线

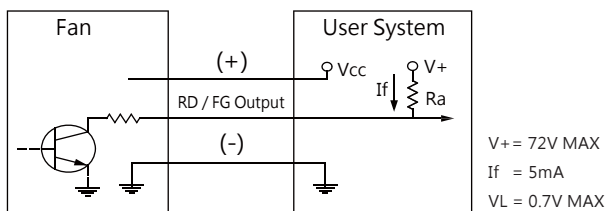


产品外观尺寸(mm)

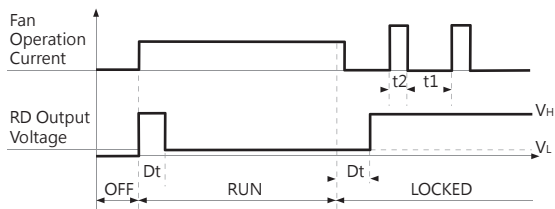


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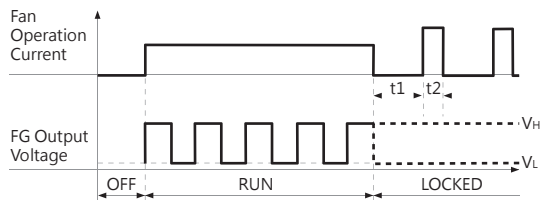
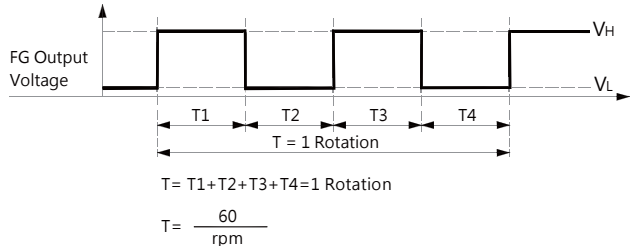
■ 三导应用规范



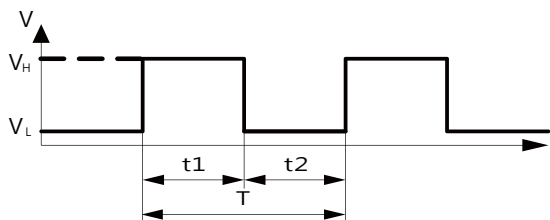
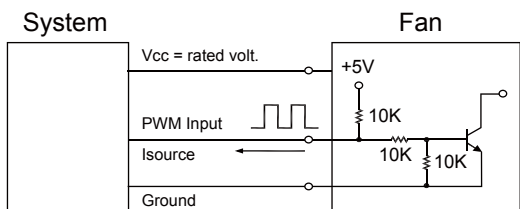
[RD Signal]



[FG Signal]



■ PWM 输入讯号



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

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

$V_H = 2.3 \sim 5.5V$

$V_L = 0 \sim 0.8V$

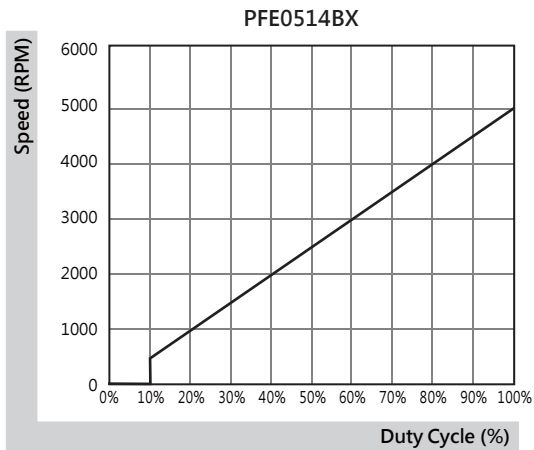
PWM FREQUENCY: 25KHZ

$I_{source} = 0.5mA$ 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%.

■ PWM 特性曲线



*以上产品如有客制化设计需求请与SUNON销售人员连络。

97x95x33 mm

44.2~54.7 CFM



■ 产品规格

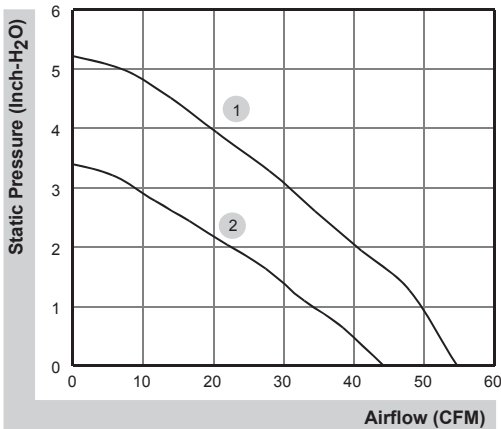
型号	轴承	电压	电流	功率	转速	风量	风压	噪音	重量	曲线
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(Inch-H ₂ O)	(dB(A))	(g)	
PF97331BX-B00C-A99	☉	12	3500	42.00	6800	54.7	5.22	63.2	184.0	1
PF97331B1-B00C-A99	☉	12	1600	19.20	5400	44.2	3.39	58.0	184.0	2

■ 功能

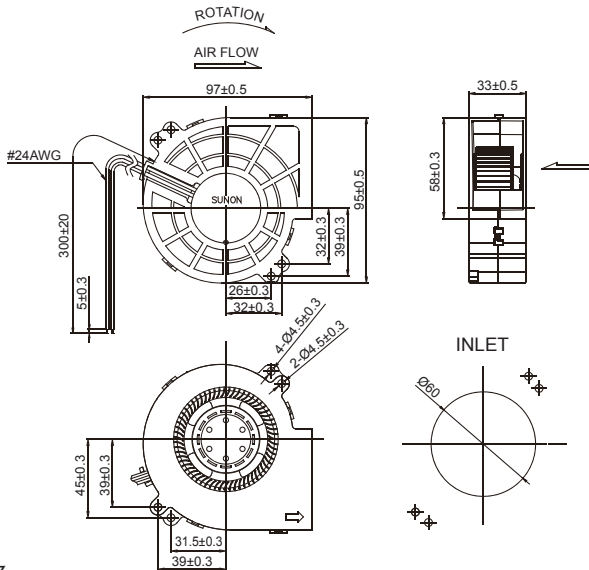
PF97331BX / 1

- A99: AutoRestart
- F99: AutoRestart and R type
- G99: AutoRestart and F type
- H99: AutoRestart and PWM
- Q99: AutoRestart , R type and PWM
- S99: AutoRestart , F type and PWM

■ 风量 / 风压特性曲线

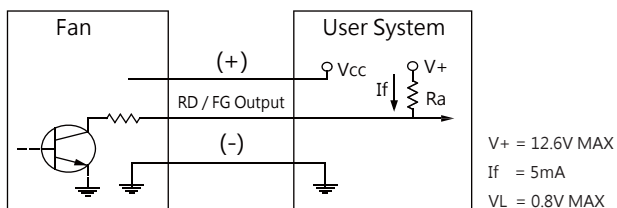


■ 产品外观尺寸(mm) (mm)

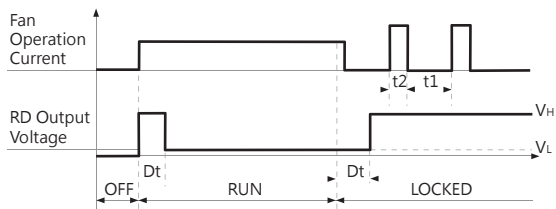


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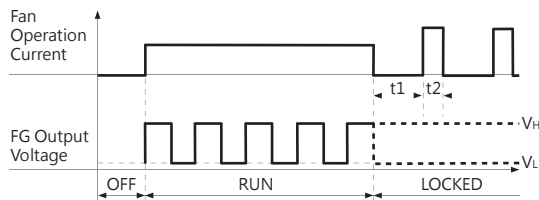
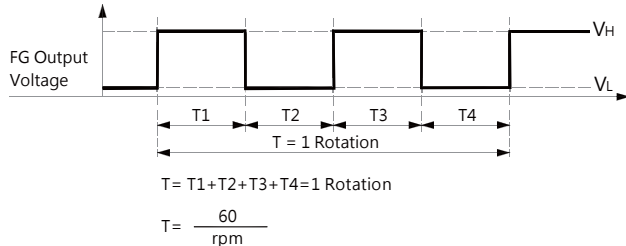
■ 三导应用规范



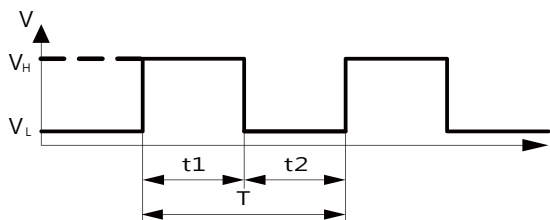
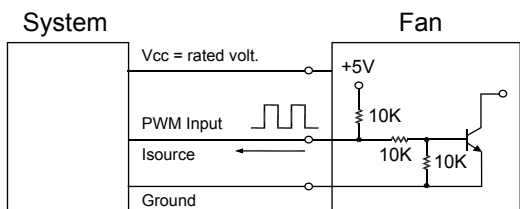
[RD Signal]



[FG Signal]



■ PWM 输入讯号



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

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

VH=2.3~5.5V

VL=0~0.8V

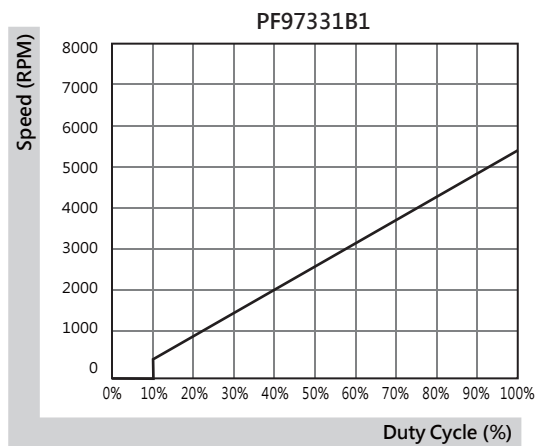
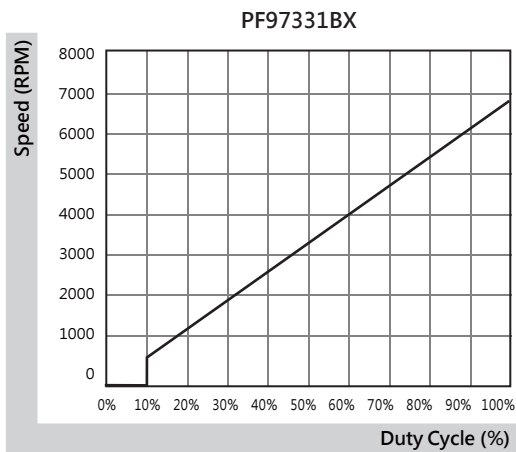
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Isource=0.5mA at PWM Input Voltage 0V

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■ PWM 特性曲线



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