80x80x32 mm (IP68)

50.3~59.4 CFM

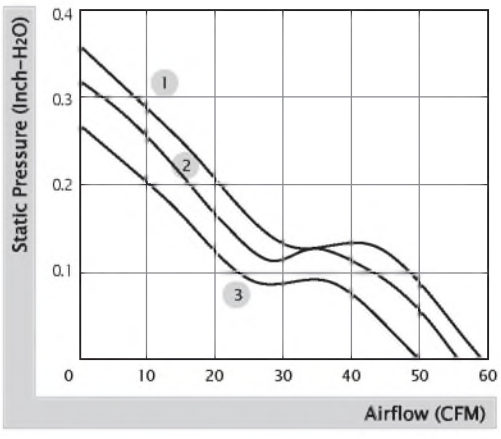
Specification

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)	
GF80321B1-0000-AE9	●	12	310	3.72	4800	59.4	0.36	45.2	109.0	1
GF80321B2-0000-AE9	●	12	230	2.76	4500	55.9	0.32	43.1	109.0	2
GF80321B3-0000-AE9	●	12	190	2.28	4100	50.3	0.27	41.1	109.0	3

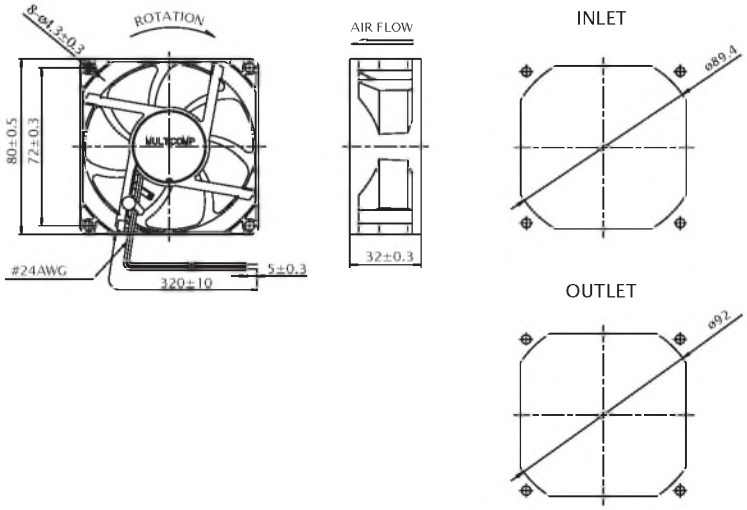
Function

R Type : FE9 ／ F Type : GE9 ／ PWM : HE9, QE9, SE9

Air Flow-Static Pressure Characteristics



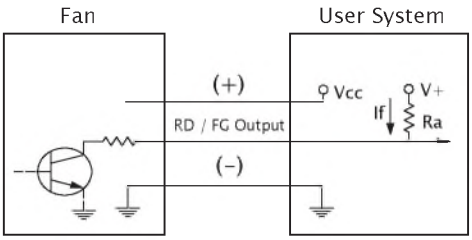
External Dimensions(mm)



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

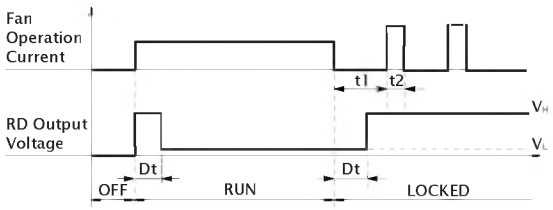
※ Specifications are subject to change without notice. Please Visit SUNON website at www.sunon.com for update information.

RD / FG Output Signal

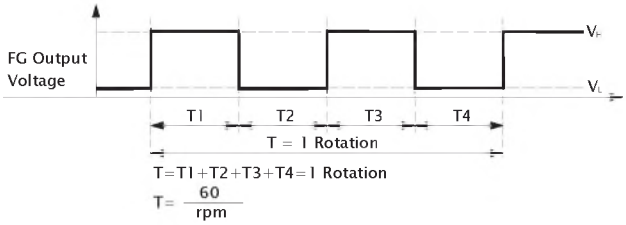


V+= 13.8V MAX
If = 5mA
V_L = 0.5V MAX

[RD Signal]

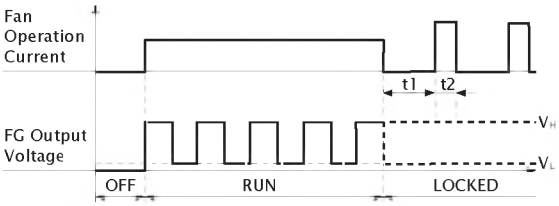


[FG Signal]

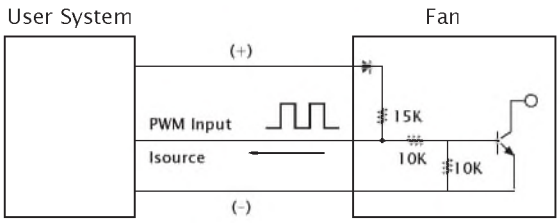


T=T1+T2+T3+T4=1 Rotation

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



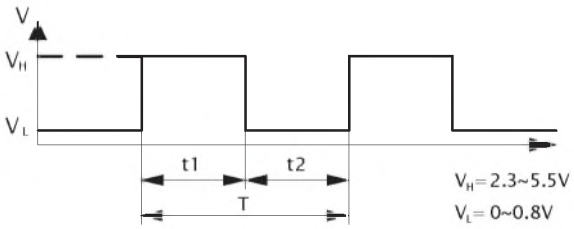
PWM Input Signal



PWM FREQUENCY: 25KHZ

Isource=0..8mA at PWM Input Voltage 0V

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



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

2. Duty Cycle（D.C.）: $\frac{t1}{t1+t2} x100 = \frac{t1}{T} x100(\%)$

PWM Curve