25x25x10 mm

1.2~3.8 CFM

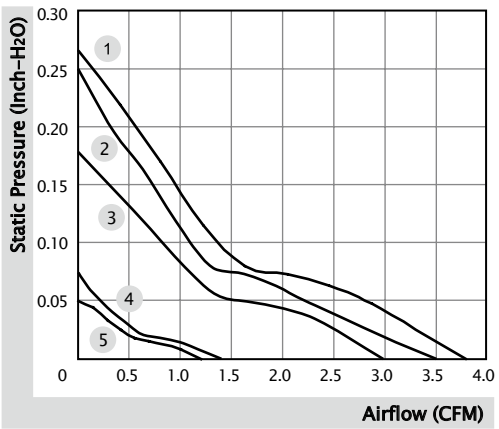
Specification

MAGLev by SUNON	Bearing	Rated Valtage	Power Current	Power Consumption	Speed	Airflow	Static Pressure	Noise	Weight	Curve
	● VAPO	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H_2O)	(dB(A))	(g)	
MF25100V1-10000-A99	●	5	105	0.53	13000	3.5	0.25	23.0	6.9	2
MF25100V2-10000-A99	●	5	65	0.33	9800	3.0	0.18	16.0	6.9	3
MF25100V3-10000-A99	●	5	40	0.20	6800	1.3	0.07	8.8	6.9	4
MF25101V1-10000-A99	●	12	50	0.60	14000	3.8	0.27	26.0	6.8	1
MF25101V2-10000-A99	●	12	30	0.36	9600	3.0	0.18	16.0	6.8	3
MF25101V3-10000-A99	●	12	17	0.21	6000	1.2	0.05	4.8	6.8	5

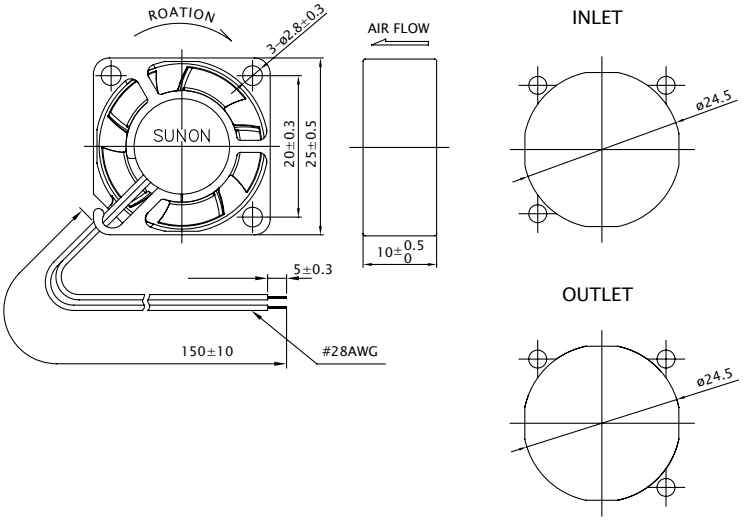
Function

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

Air Flow-Static Pressure Characteristics



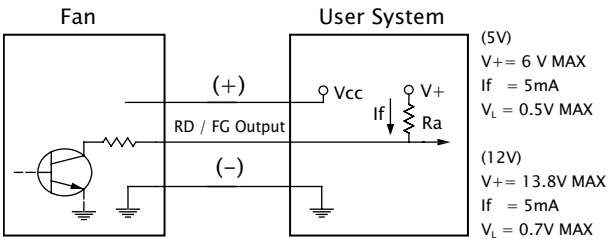
External dimensions(mm)



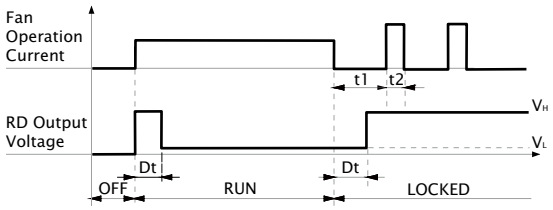
※ All model could be customized. Please contact with Sunon Sales.

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

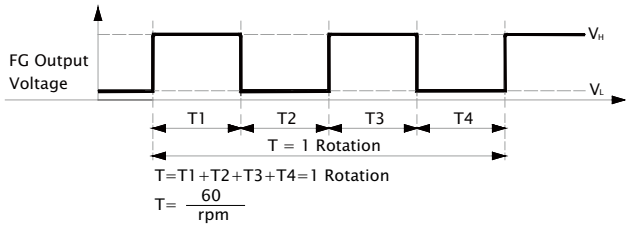
RD / FG Output Signal

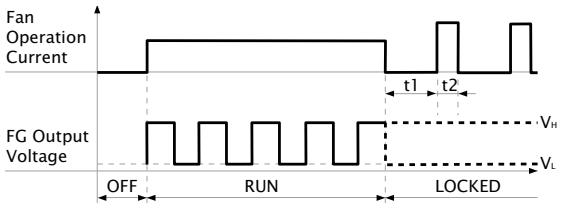


[RD Signal]

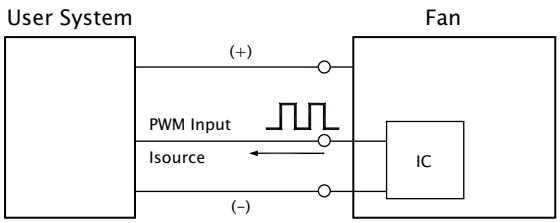


[FG Signal]





PWM Input Signal

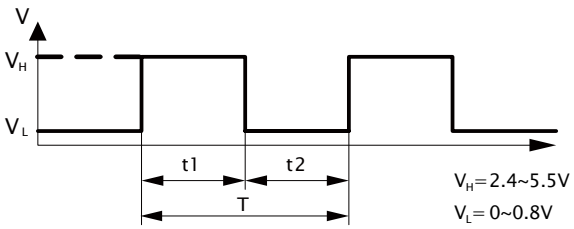


PWM FREQUENCY: 25KHZ

Isource=0.6mA at PWM Input Voltage 0V

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

Min. start up duty cycle is 20%.



1. Period : $T = \frac{1}{f_{PWM}} = T1 + T2(sec)$

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

PWM Curve