35x35x10 mm

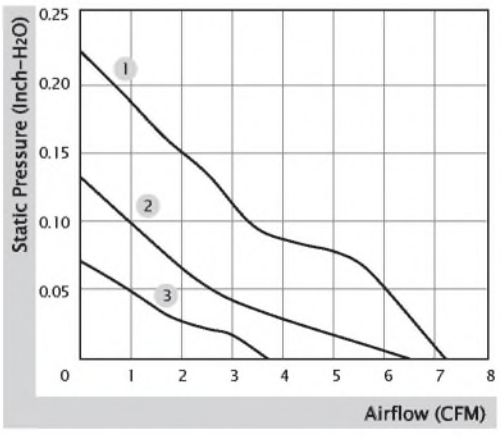
3.6~7.2 CFM

Specification

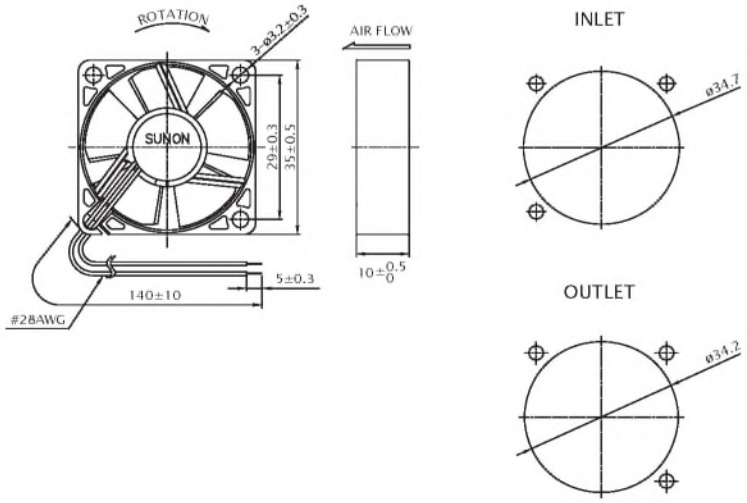
MAGLev by SUNON	Bearing	Rated Valtage	Power Current	Power Consumption	Speed	Airflow	Static Pressure	Noise	Weight	Curve
	● VAPO	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H_2O)	(dB(A))	(g)	
MF35100V1-10000-A99	●	5	135	0.68	10000	7.2	0.22	28.0	10.5	1
MF35100V2-10000-A99	●	5	80	0.40	7500	6.5	0.13	21.8	10.5	2
MF35100V3-10000-A99	●	5	45	0.23	5300	3.7	0.07	13.1	10.5	3
MF35101V1-10000-A99	●	12	60	0.72	10000	7.2	0.22	28.0	10.5	1
MF35101V2-10000-A99	●	12	35	0.42	7500	6.5	0.13	21.8	10.5	2
MF35101V3-10000-A99	●	12	20	0.24	5000	3.6	0.07	12.0	10.5	3

■ Function (5V) R Type : F99 ／ F Type : G99 ／ PWM : H99, Q99, S99
(12V) R Type : F99 ／ F Type : G99

■ Air Flow-Static Pressure Characteristics

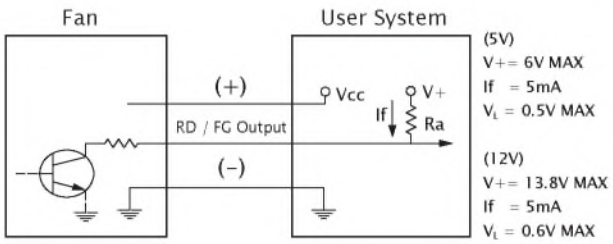


■ External Dimensions(mm)

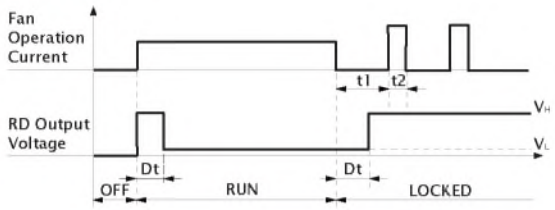


※ All model could be customized. Please contact with Sunon Sales.
※ Specifications are subject to change without notice. Please Visit SUNON website at www.sunon.com for update information.

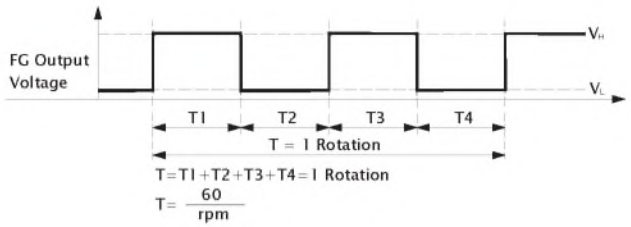
RD / FG Output Signal

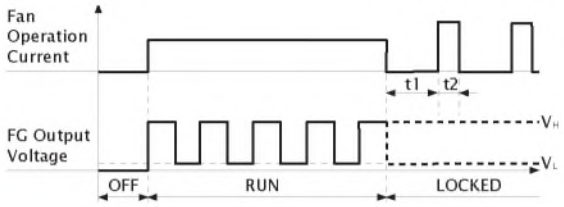


[RD Signal]

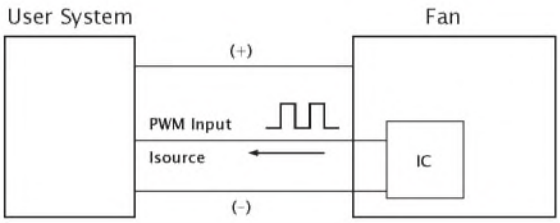


[FG Signal]





PWM Input Signal

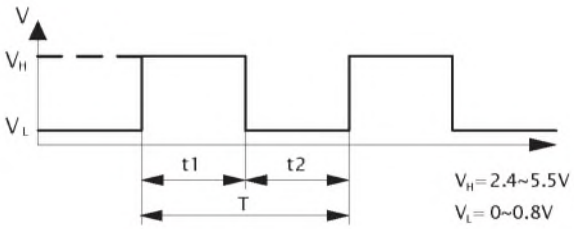


PWM FREQUENCY: 25KHZ

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