

3.9~5.7 CFM



	Bearing	Rating Voltage	Power Current	Power Consumption	Speed	Air Flow	Static Pressure	Noise	Weight	Curve
	● VAPO	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	
MF60151V1-B00U-A99	●	12	90	1.08	5000	5.7	0.44	40.2	36.0	1
MF60151V2-B00U-A99	●	12	67	0.81	4400	5.1	0.33	36.0	36.0	2
MF60151V3-B00U-A99	●	12	40	0.48	3400	3.9	0.19	28.8	36.0	3

A line graph showing the relationship between Static Pressure (Inch-H₂O) on the y-axis and Airflow (CFM) on the x-axis for three different duct configurations. The y-axis ranges from 0 to 0.5 with increments of 0.1. The x-axis ranges from 0 to 6 with increments of 1. Three curves are plotted, labeled 1, 2, and 3. Curve 1 is the highest, Curve 2 is in the middle, and Curve 3 is the lowest. All three curves show a decrease in static pressure as airflow increases, with the rate of decrease being more pronounced at higher airflow values.

Airflow (CFM)	Static Pressure (Inch-H ₂ O) - Curve 1	Static Pressure (Inch-H ₂ O) - Curve 2	Static Pressure (Inch-H ₂ O) - Curve 3
0	0.43	0.33	0.19
1	0.39	0.29	0.17
2	0.35	0.26	0.14
3	0.29	0.20	0.08
4	0.19	0.11	0.00
5	0.08	0.00	-
6	-	-	-

Technical drawing of the SUNON SFB1205B12-12V-0.5A fan, showing dimensions in mm.

Front View (Top):

- Overall width: 60 ± 0.5
- Overall height: 60 ± 0.5
- Inner diameter of fan frame: 25 ± 0.3
- Distance from center to mounting hole: 27 ± 0.3
- Distance between mounting holes: 23 ± 0.3
- Rotation direction: Indicated by a curved arrow labeled "ROTATION".
- Air flow direction: Indicated by a straight arrow labeled "AIR FLOW".
- Motor lead wire: #26AWG
- Lead wire length: 305 ± 10
- Lead wire bend radius: 25 ± 0.3
- Lead wire exit angle: 3.0 ± 0.3
- Lead wire exit offset: 5 ± 0.3

Side View (Middle):

- Overall height: 15 ± 0.5

Detail View (Bottom Left):

- Circle diameter: $\varnothing 4.2$

Detail View (Bottom Right):

- Label: SUNON

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75x75x30 mm

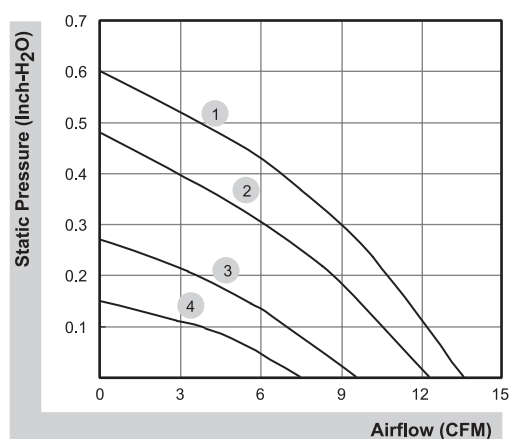
7.5~13.6 CFM



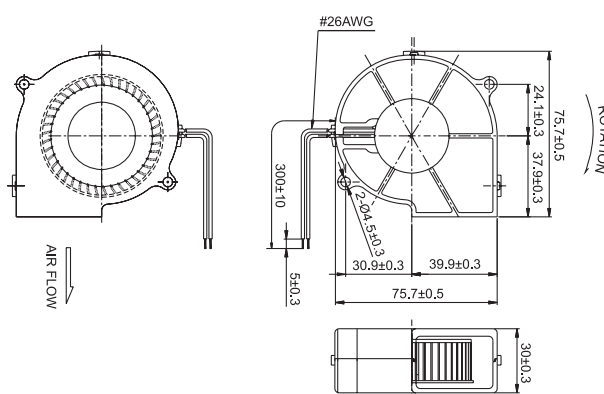
■ Specifications

Model	Bearing	Rating Voltage	Power Current	Power Consumption	Speed	Air Flow	Static Pressure	Noise	Weight	Curve
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	
PMB1275PNB1-AY (2).GN	☉	12	300	3.6	3400	13.6	0.60	43.5	86.5	1
PMB1275PNB2-AY (2).GN	☉	12	230	2.8	3000	12.3	0.48	40.5	86.5	2
PMB1275PNB3-AY (2).GN	☉	12	130	1.6	2400	9.6	0.27	33.9	86.5	3
PMB1275PNB4-AY (2).GN	☉	12	80	1.0	1900	7.5	0.15	28.0	86.5	4
PMB2475PNB1-AY (2).GN	☉	24	170	4.1	3400	13.6	0.60	43.5	86.5	1
PMB2475PNB2-AY (2).GN	☉	24	140	3.4	3000	12.3	0.48	40.5	86.5	2
PMB2475PNB3-AY (2).GN	☉	24	80	1.9	2400	9.6	0.27	33.9	86.5	3
PMB2475PNB4-AY (2).GN	☉	24	50	1.2	1900	7.5	0.15	28.0	86.5	4

■ Air Flow-Static Pressure Characteristics



■ External dimensions(mm)



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

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97x94x33 mm

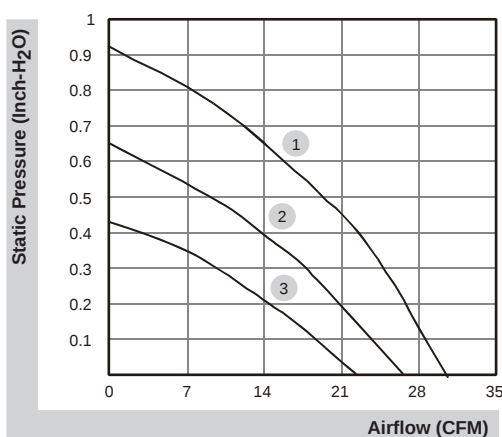
22.4~30.5 CFM



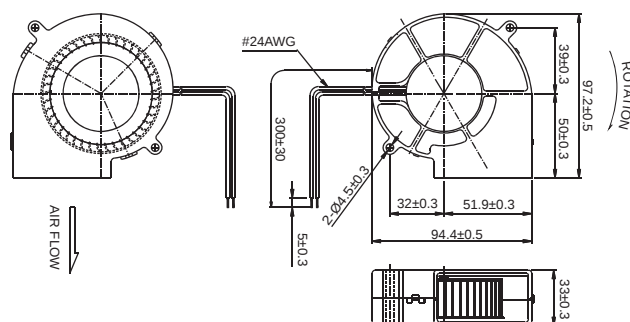
■ Specifications

Model	Bearing	Rating Voltage	Power Current	Power Consumption	Speed	Air Flow	Static Pressure	Noise	Weight	Curve
	2BALL Sleeve	(VDC)	(mA)	(WATTS)	(RPM)	(CFM)	(inch-H ₂ O)	(dB(A))	(g)	
PMB1297PYB1-AY (2).GN	☉	12	600	7.20	3600	30.5	0.92	55.8	185.00	1
PMB1297PYB2-AY (2).GN	☉	12	440	5.28	3200	26.6	0.65	53.1	185.00	2
PMB1297PYB3-AY (2).GN	☉	12	300	3.60	2700	22.4	0.43	50.0	185.00	3
PMB2497PYB1-AY (2).GN	☉	24	290	6.96	3600	30.5	0.92	55.8	185.00	1
PMB2497PYB2-AY (2).GN	☉	24	220	5.28	3200	26.6	0.65	53.1	185.00	2
PMB2497PYB3-AY (2).GN	☉	24	160	3.80	2700	22.4	0.43	50.0	185.00	3
PMB4897PYB1-AY (2).GN	☉	48	170	8.20	3600	30.5	0.92	55.8	185.00	1
PMB4897PYB2-AY (2).GN	☉	48	130	6.20	3200	26.6	0.65	53.1	185.00	2
PMB4897PYB3-AY (2).GN	☉	48	90	4.30	2700	22.4	0.43	50.0	185.00	3

■ Air Flow-Static Pressure Characteristics



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