

97mm

San Ace B97

33mm thick


General Specifications With a pulse sensor Specifications for pulse sensors ⇨ Refer to Page 297

With PWM speed control function ⇨ Refer to Page 299

- Material Frame: Plastics (Flammability: UL94V-0),
Impeller: Plastics (Flammability: UL94V-0)
- Expected Life Varies for each model (L10: Survival rate: 90% at 60°C,
rated voltage, and continuously run in a free air state)
- Lead Wire ⊕ red ⊖ black (Sensor) yellow (Control) brown
- Storage Temperature -30°C to +70°C (Non-condensing)

97mm × 33mm (Mass : 190g)


Specifications With PWM speed control function • With pulse sensor

Model No.	Rated Voltage [V]	Operating Voltage Range [V]	PWM duty cycle (Note1) [%]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Max. Air Flow [m ³ /min] [CFM]	Max. Static Pressure [Pa] [inchH ₂ O]	SPL [dB(A)]	Operating Temperature [°C]	Expected Life [h]
9BMB12P2K01	12	10.8 to 13.2	100	3.4	40.8	6,850	1.61 56.9	1,280 5.14	66	-10 to +70	40,000
9BMB12P2F01		10.2 to 13.8	100	0.9	10.8	4,500	1.04 36.7	410 1.64	56		
9BMB24P2G01	24	21.6 to 26.4	100	0.83	19.92	5,750	1.34 47.32	760 3.052	61		
9BMB24P2K01			100	1.62	38.88	6,850	1.61 56.9	1,280 5.14	66		

Note 1 : Fan does not rotate when PWM duty cycle is 0% .

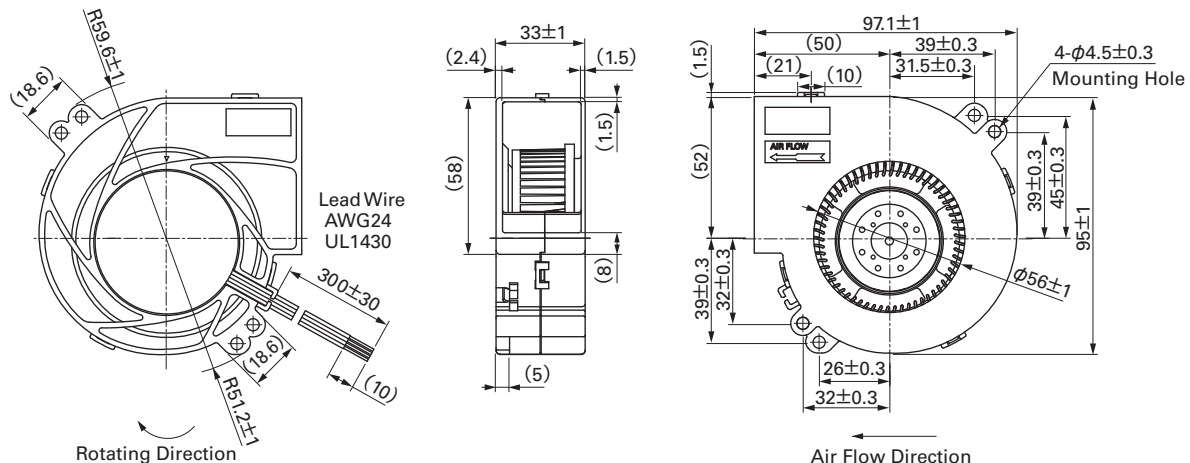
※PWM Frequency : 25kHz

With pulse sensor

Model No.	Rated Voltage [V]	Operating Voltage Range [V]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Max. Air Flow [m ³ /min] [CFM]	Max. Static Pressure [Pa] [inchH ₂ O]	SPL [dB(A)]	Operating Temperature [°C]	Expected Life [h]
9BMB12G201	12	7 to 13.8	1.80	21.6	5,750	1.34 47.3	760 3.052	61	-10 to +70	40,000
9BMB12S201			1.40	16.8	5,250	1.22 43.1	610 2.450	59		
9BMB12H201			1.10	13.2	4,850	1.11 39.2	490 1.968	57		
9BMB12F201			0.90	10.8	4,500	1.04 36.7	410 1.647	56		
9BMB24G201	24	12 to 26.4	0.83	19.9	5,750	1.34 47.3	760 3.052	61		
9BMB24S201			0.70	16.8	5,250	1.22 43.1	610 2.450	59		
9BMB24H201			0.55	13.2	4,850	1.11 39.2	490 1.968	57		
9BMB24F201			0.45	10.8	4,500	1.04 36.7	410 1.647	56		

Without Sensor Pulse Sensor PWM Control Available in all models.

Lock Sensor Low speed Sensor Please inquire as the availability of these functions depend on the model.

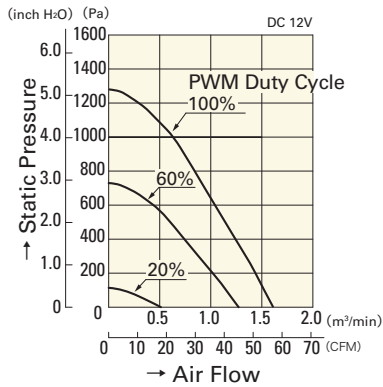
Dimensions (Unit : mm) (With PWM speed control function • With pulse sensor)


Air Flow - Static Pressure Characteristics

PWM Duty - Speed Characteristics Example

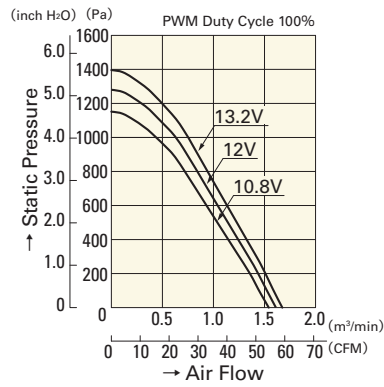
PWM Duty Cycle

With PWM speed control function · With pulse sensor

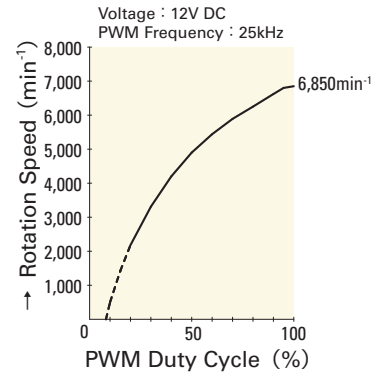


Operating Voltage Range

With PWM speed control function · With pulse sensor

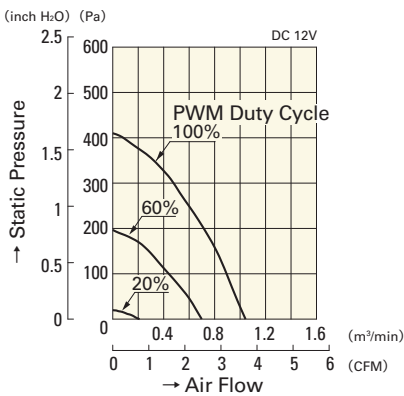


With PWM speed control function · With pulse sensor

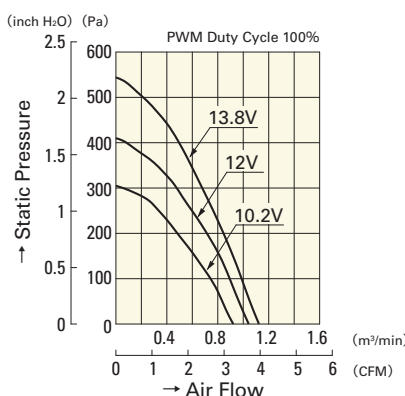


9BMB12P2K01

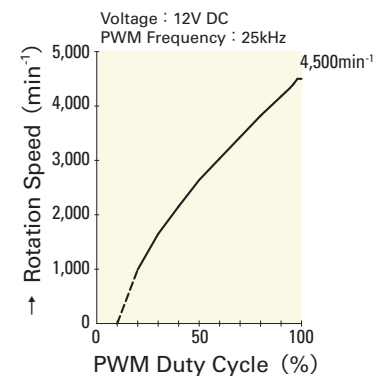
With PWM speed control function · With pulse sensor



With PWM speed control function · With pulse sensor

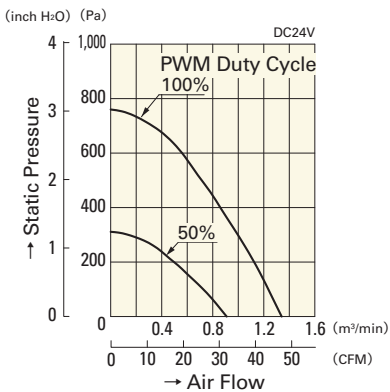


With PWM speed control function · With pulse sensor

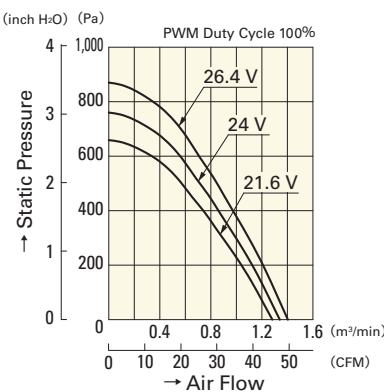


9BMB12P2F01

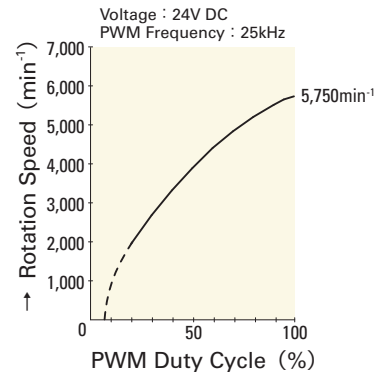
With PWM speed control function · With pulse sensor



With PWM speed control function · With pulse sensor

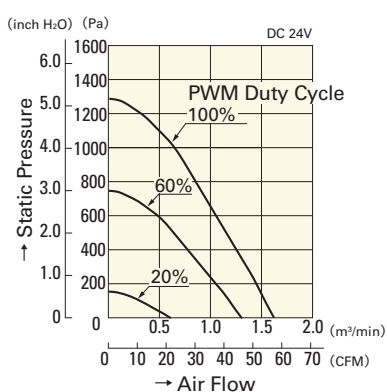


With PWM speed control function · With pulse sensor

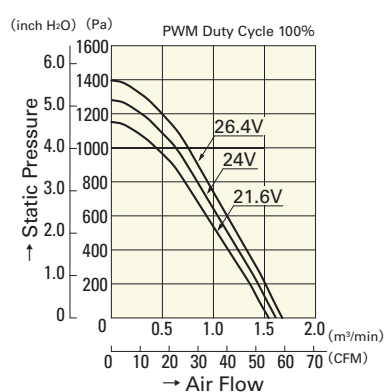


9BMB24P2G01

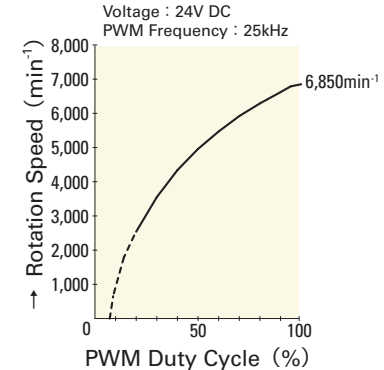
With PWM speed control function · With pulse sensor



With PWM speed control function · With pulse sensor



With PWM speed control function · With pulse sensor



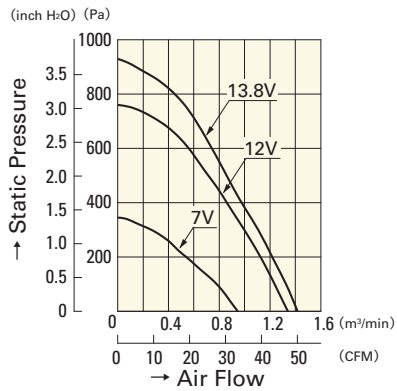
9BMB24P2K01

Blower 97mm

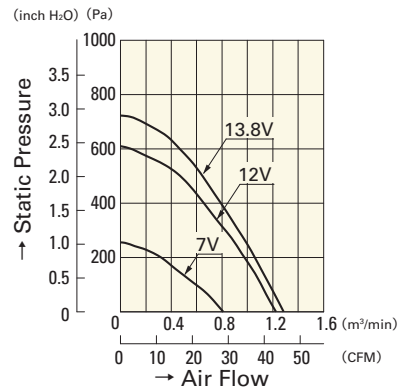
97mm

97mm**San Ace B97****97mm×33mm** [Mass : 190g]**Air Flow - Static Pressure Characteristics****Operating Voltage Range**

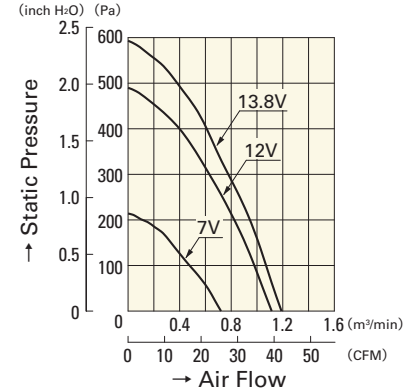
With pulse sensor

**9BMB12G201**

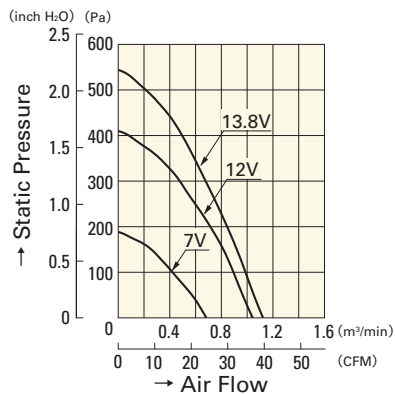
With pulse sensor

**9BMB12S201**

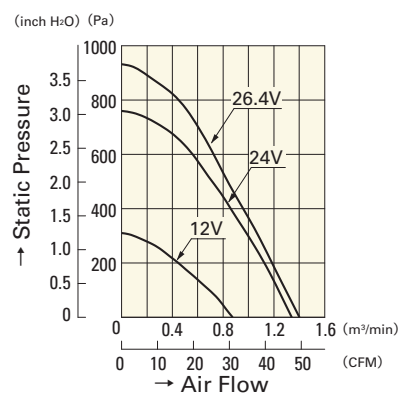
With pulse sensor

**9BMB12H201**

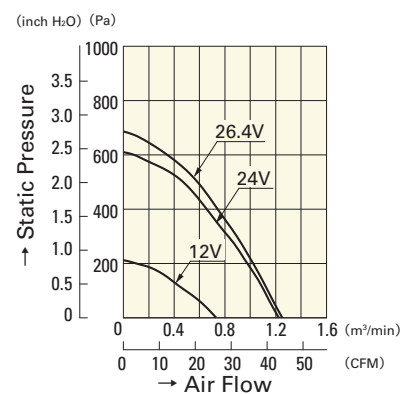
With pulse sensor

**9BMB12F201**

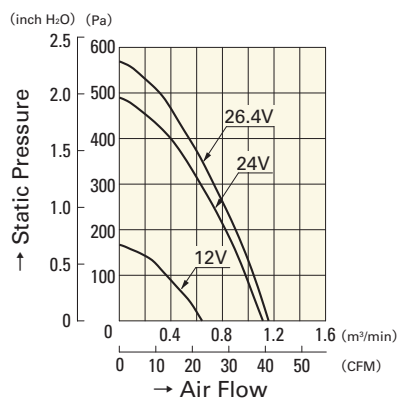
With pulse sensor

**9BMB24G201**

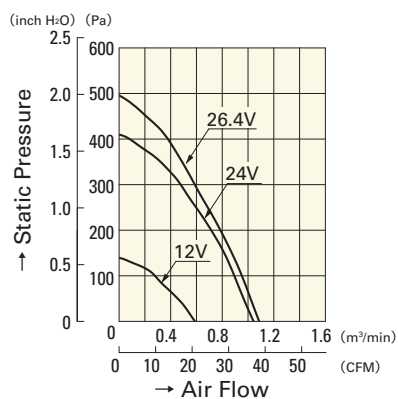
With pulse sensor

**9BMB24S201**

With pulse sensor

**9BMB24H201**

With pulse sensor

**9BMB24F201**