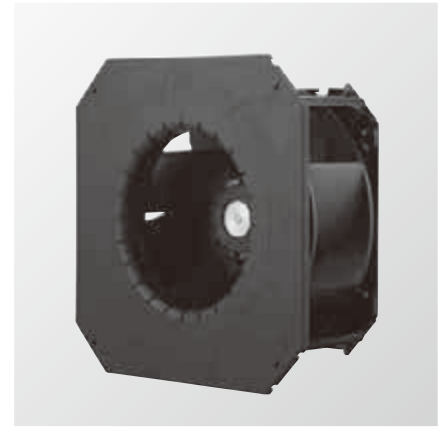


270 mm sq.

San Ace C270



General Specifications

- Material Motor case: Aluminum,
Impeller: Plastics (Flammability: UL94V-0)
Bracket: Aluminum, Plastics (Flammability: UL94V-0)
- Expected Life Refer to specifications (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)

270mm×270mm×119mm (Mass : 1,920g) **9B1T type**

Specifications

The following nos. have PWM controls and pulse sensors.

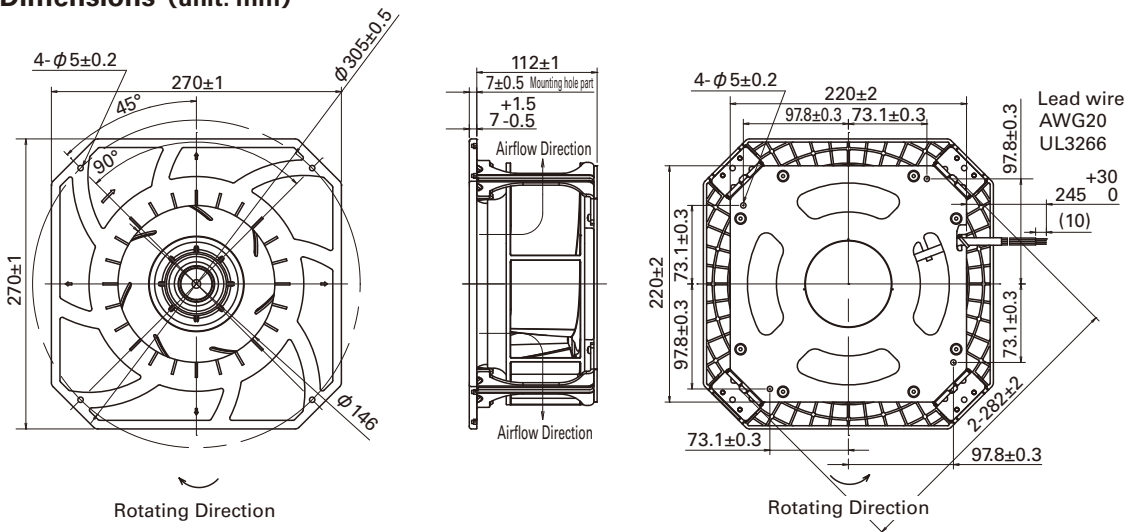
Model No.	Rated Voltage [V]	Operating Voltage Range [V]	PWM duty cycle _{Non(0%)} [%]	Rated Current [A]	Rated Input [W]	Rated Speed [min ⁻¹]	Max. Airflow [m ³ /min] [CFM]	Max. Static Pressure [Pa] [inchH ₂ O]	SPL [dB(A)]	Operating Temperature [°C]	Expected Life [h]
9B1TS48P0G001	48	36 to 72	100	3.65	175.2	3,550	28.1 992	861 3.46	74.5	-20 to +60	40,000/60°C (70,000/40°C)
			15	0.24	11.5	1,000	7.85 277	68.5 0.28	52.0		
9B1TS48P0H001			100	2.08	99.8	2,900	22.7 802	590 2.37	70.5	-20 to +70	
			15	0.24	11.5	1,000	7.85 277	68.5 0.28	52.0		

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

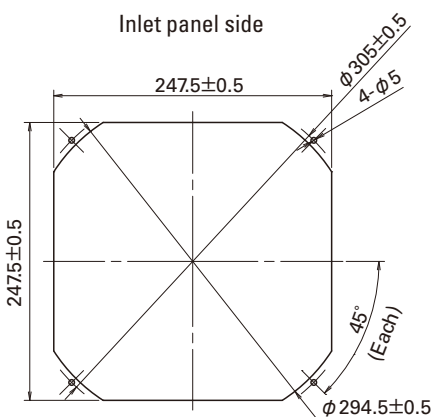
Note 2 : Max input of 9B1TS48P0G001 : 380W, 9B1TS48P0H001 : 200W at rated voltage.

※PWM Frequency : 25kHz

Dimensions (unit: mm)



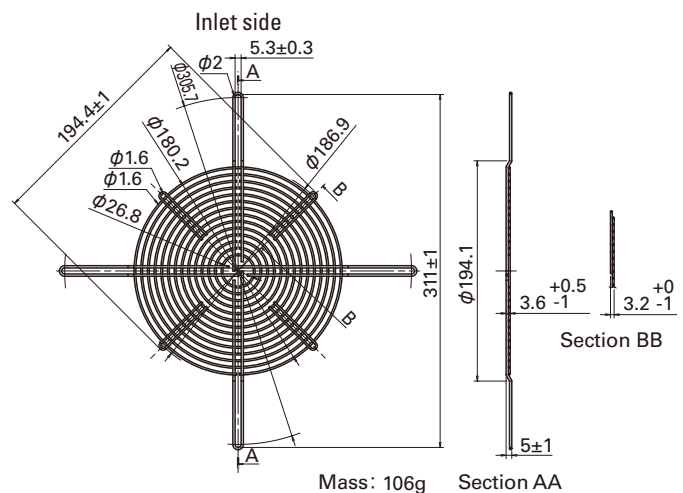
Reference Dimensions of Mounting Holes and Opening (unit: mm)



Options (unit: mm)

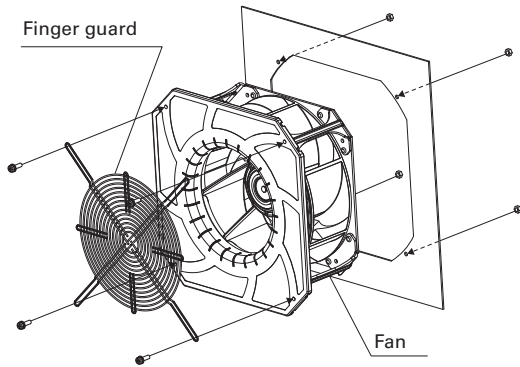
Finger Guards

Model : 109-1146 Surface treatment : Nickel-chrome plating (silver) Color



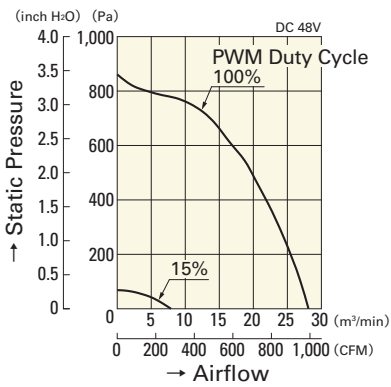
Reference Diagram for Mounting

Finger guard 109-1146 should be mounted with four holes as in the drawing.

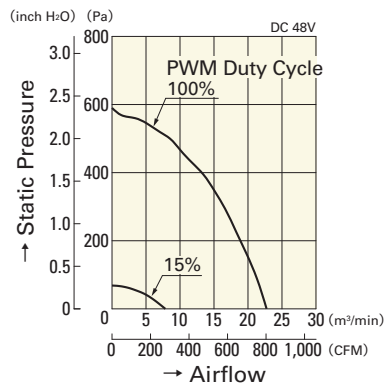


Airflow - Static Pressure Characteristics

PWM Duty Cycle

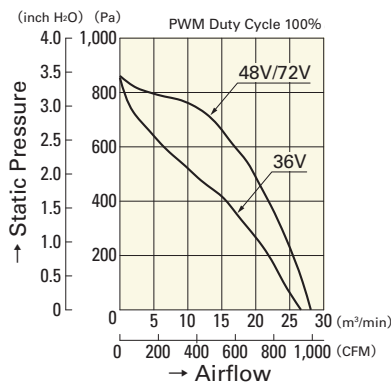


9B1TS48P0G001

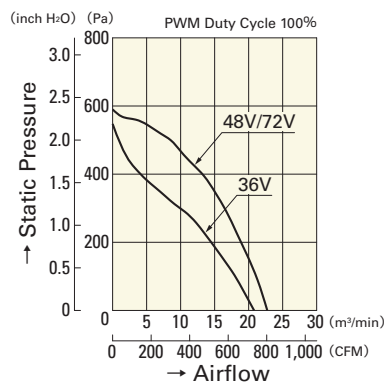


9B1TS48P0H001

Operating Voltage Range

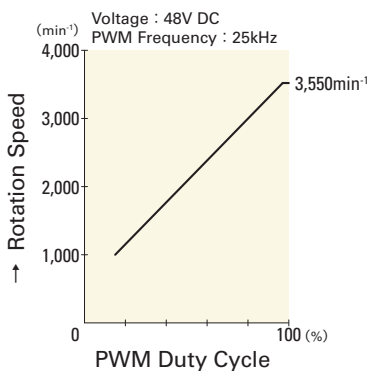


9B1TS48P0G001

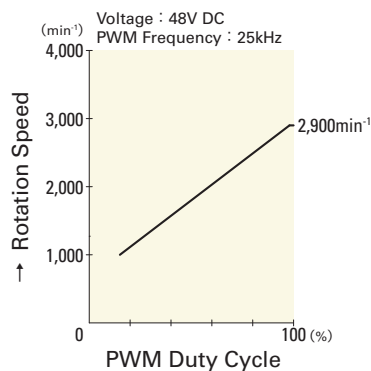


9B1TS48P0H001

PWM Duty - Speed Characteristics Example



9B1TS48P0G001



9B1TS48P0H001