



38x38x28 mm

San Ace 38 9GA type Low Power Consumption Fan

General Specifications

- Material Frame: Plastic (Flammability: UL 94V-0), Impeller: Plastic (Flammability: UL 94V-0)
- Expected life See the table below. (L10 life: 90% survival rate for continuous operation in free air at 60°C, rated voltage)
- Motor protection function Locked rotor burnout protection, Reverse polarity protection
For details, please refer to p. 547.
- Dielectric strength 50/60 Hz, 500 VAC, for 1 minute (between lead wire conductors and frame)
- Insulation resistance 10 MΩ or more with a 500 VDC megger (between lead wire conductors and frame)
- Sound pressure level (SPL) At 1 m away from the air inlet
- Storage temperature -30 to +70°C (Non-condensing)
- Lead wire ⊕Red ⊖Black (Sensor) Yellow (Control) Brown
- Mass 52 g

Specifications

The models listed below **have ribs and pulse sensors with PWM control function.** For models without ribs, append "1" to the end of model numbers.

| Model no. | Rated voltage [V] | Operating voltage range [V] | PWM duty cycle* [%] | 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] |
|---------------|-------------------|-----------------------------|---------------------|-------------------|-----------------|----------------------------------|--|--|--------------|----------------------------|----------------------------|
| 9GA0312P3K001 | 12 | 10.8 to 13.2 | 100 | 0.62 | 7.4 | 25000 | 0.6 21.2 | 800 3.21 | 59.0 | -20 to +70 | 40000/60°C (70000/40°C) |
| | | | 0 | 0.06 | 0.7 | 3000 | 0.07 2.5 | 11 0.04 | 15.0 | | |
| 9GA0312P3J001 | | | 100 | 0.52 | 6.2 | 23500 | 0.57 20.1 | 720 2.89 | 57.5 | | |
| | | | 0 | 0.06 | 0.7 | 3000 | 0.07 2.5 | 11 0.04 | 15.0 | | |
| 9GA0312P3G001 | | | 100 | 0.33 | 4.0 | 19000 | 0.45 15.9 | 460 1.85 | 53.0 | | |
| | | | 0 | 0.06 | 0.7 | 3000 | 0.07 2.5 | 11 0.04 | 15.0 | | |

* PWM frequency: 25 kHz

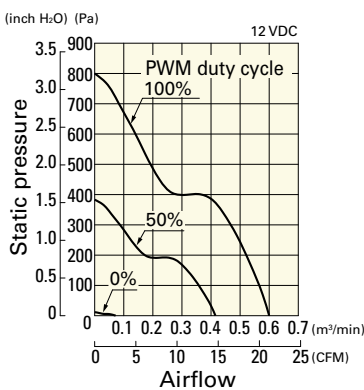
The following sensor and control options are available for selection.

Differs according to the model. Refer to the table on p. 570. Pulse sensor Lock sensor

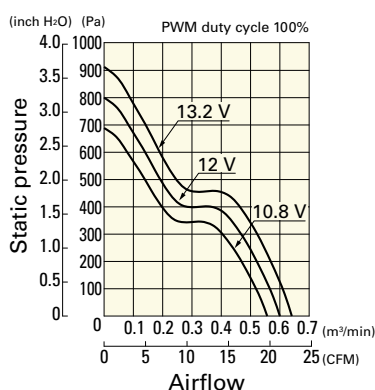
Airflow - Static Pressure Characteristics / PWM Duty - Speed Characteristics Example

9GA0312P3K001 With pulse sensor with PWM control function

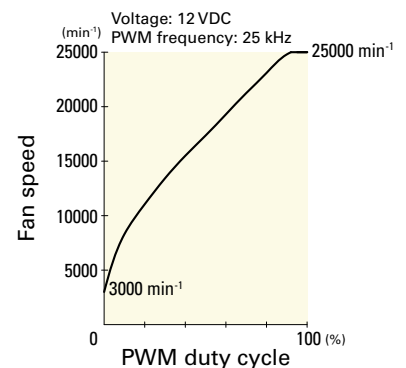
PWM duty cycle



Operating voltage range



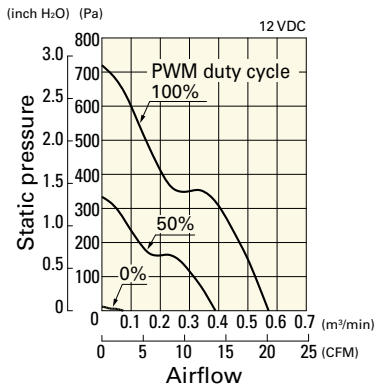
PWM duty - Speed characteristics example



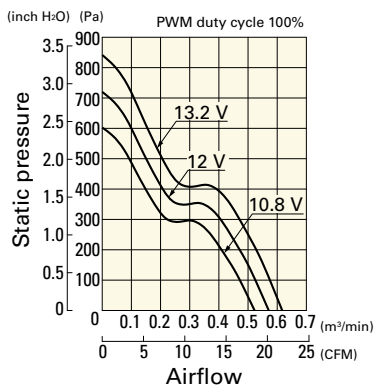
Airflow - Static Pressure Characteristics / PWM Duty - Speed Characteristics Example

9GA0312P3J001 With pulse sensor with PWM control function

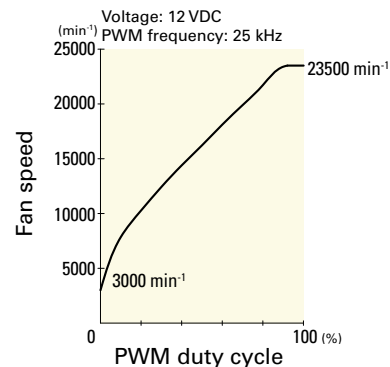
PWM duty cycle



Operating voltage range

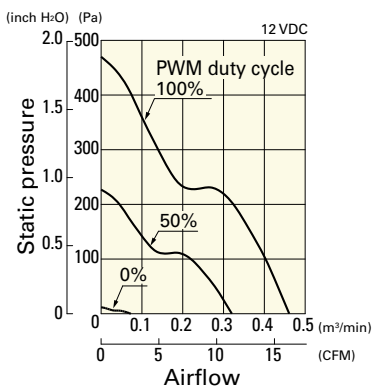


PWM duty - Speed characteristics example

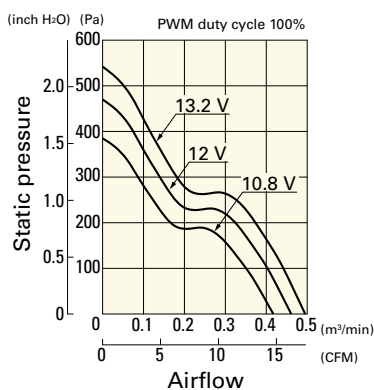


9GA0312P3G001 With pulse sensor with PWM control function

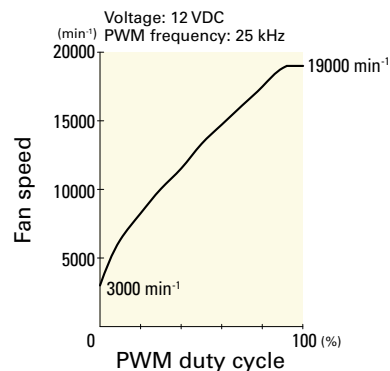
PWM duty cycle



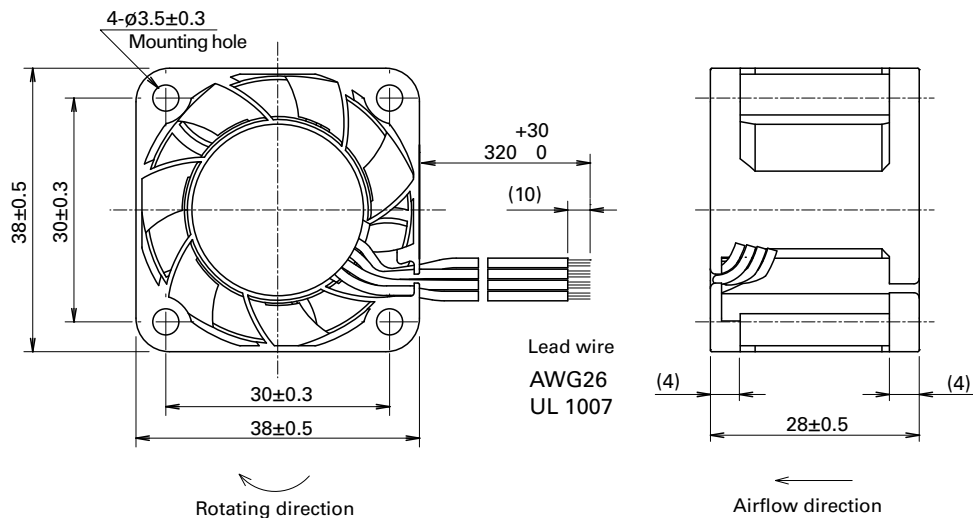
Operating voltage range



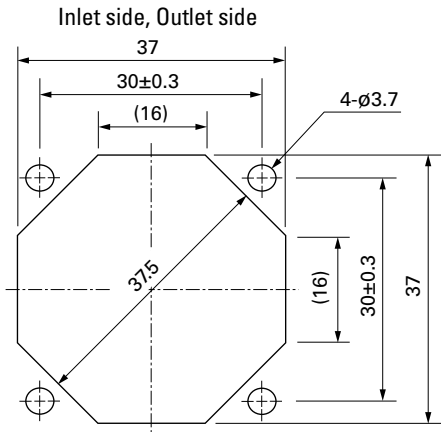
PWM duty - Speed characteristics example



Dimensions (unit: mm) (With ribs)



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



■ Options

Finger guards page: p. 532

Model no.: 109-1065