

40mm sq.

San Ace 40



General Specifications

- Material Frame: Plastics (Flammability: UL94V-0),
Impeller: 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 Inlet ⊕red ⊖black (Sensor) yellow (Control) brown
Outlet ⊕orange ⊖gray (Sensor) purple (Control) white
- Storage Temperature -30°C to +70°C (Non-condensing)

40×40×56mm (Mass : 100g) **9CRB type**

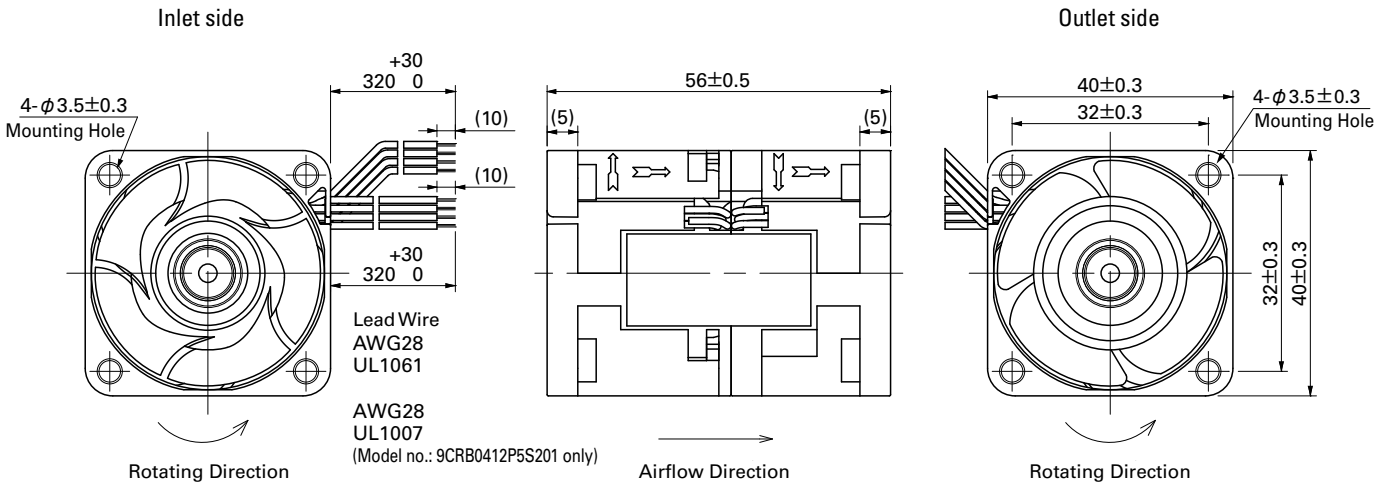
Specifications

The following nos. **have PWM controls and pulse sensors.**

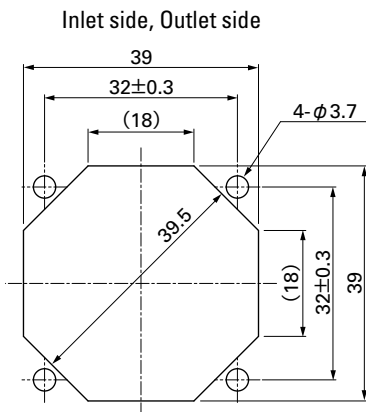
| Model No. | Rated Voltage [V] | Operating Voltage Range [V] | PWM duty cycle* [%] | Rated Current [A] | Rated Input [W] | Rated Speed [min ⁻¹] | | Max. Airflow [m ³ /min] [CFM] | | Max. Static Pressure [Pa] [inchH ₂ O] | | SPL [dB(A)] | Operating Temperature [°C] | Expected Life [h] |
|----------------|-------------------|-----------------------------|---------------------|-------------------|-----------------|----------------------------------|--------|--|-------|--|-------|-------------|----------------------------|-------------------|
| | | | | | | Inlet | Outlet | | | | | | | |
| 9CRB0412P5S201 | 12 | 10.8 to 13.2 | 100 | 1.4 | 16.8 | 22,000 | 19,700 | 0.9 | 31.8 | 1,045 | 4.197 | 68 | -20 to +70 | 40,000/60°C |
| | | | 0 | 0.09 | 1.08 | 3,800 | 3,500 | 0.15 | 5.3 | 31 | 0.124 | 26 | | |
| 9CRB0412P5K001 | | | 100 | 0.88 | 10.56 | 19,000 | 17,000 | 0.76 | 26.83 | 730 | 2.93 | 62 | | |
| | | | 0 | 0.11 | 1.32 | 5,700 | 5,100 | 0.21 | 7.41 | 67 | 0.26 | 33 | | |
| 9CRB0412P5J201 | | | 100 | 0.72 | 8.64 | 17,300 | 16,000 | 0.71 | 25.1 | 650 | 2.61 | 61 | | |
| | | | 0 | 0.07 | 0.84 | 3,450 | 3,200 | 0.13 | 4.59 | 26 | 0.10 | 24 | | |

*PWM Frequency : 25kHz

Dimensions (unit: mm)



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

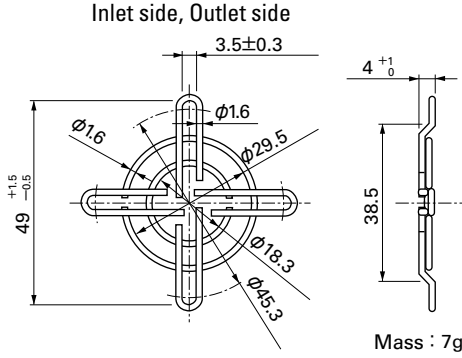


Options (unit: mm)

Finger Guards

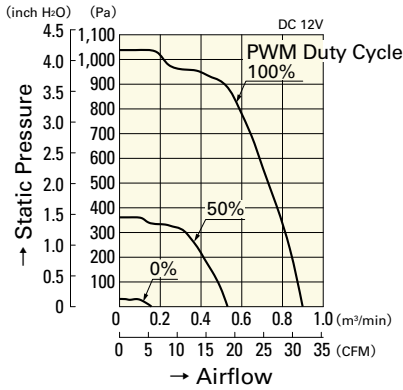
Model : 109-059 Surface treatment : Nickel-chrome plating (silver)
 : 109-059H : Cation electropainting (black)

Color

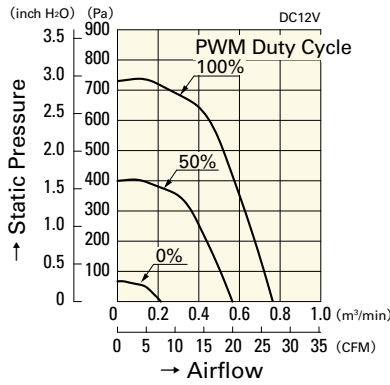


Airflow - Static Pressure Characteristics

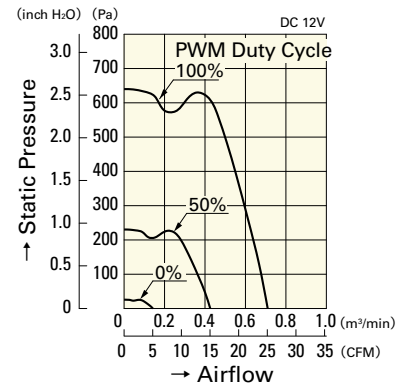
PWM Duty Cycle



9CRB0412P5S201

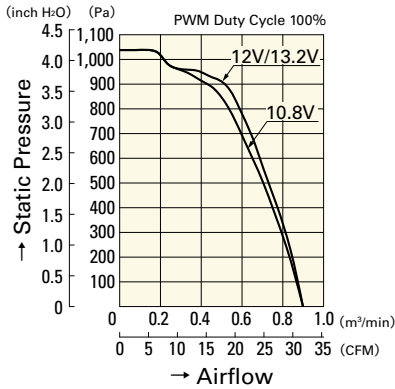


9CRB0412P5K001

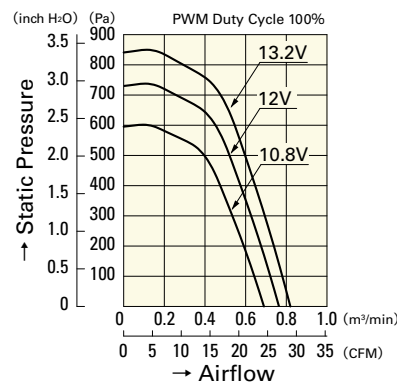


9CRB0412P5J201

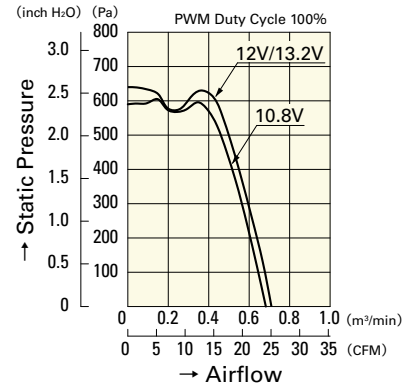
Operating Voltage Range



9CRB0412P5S201

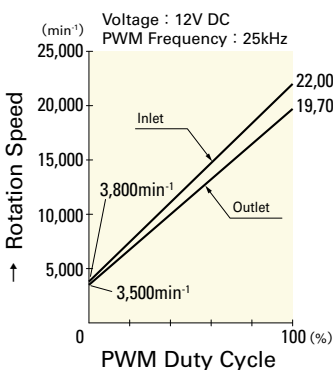


9CRB0412P5K001

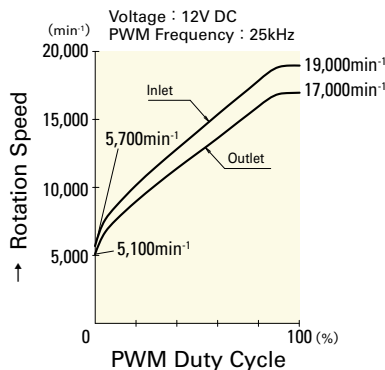


9CRB0412P5J201

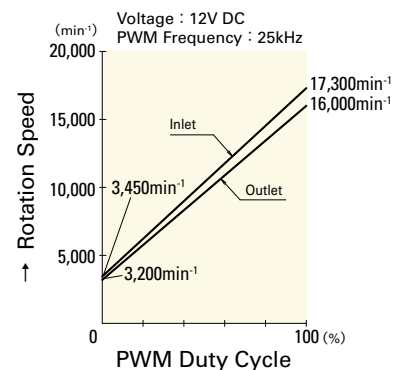
PWM Duty - Speed Characteristics Example



9CRB0412P5S201



9CRB0412P5K001



9CRB0412P5J201