

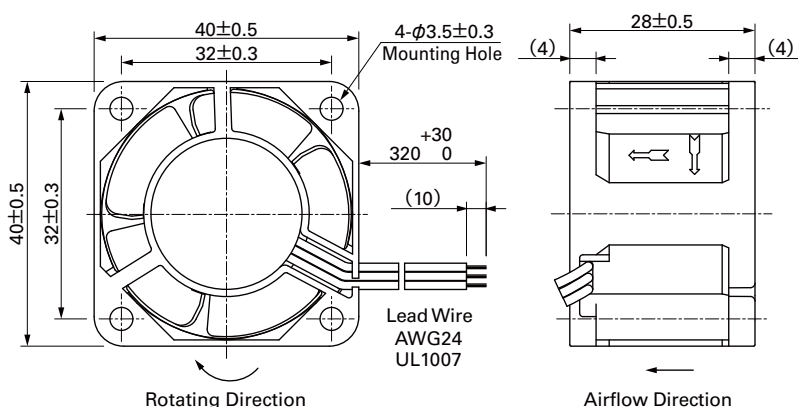
**40**mm sq.**San Ace 40**

Model no. 109P0424R3013 is not certified.

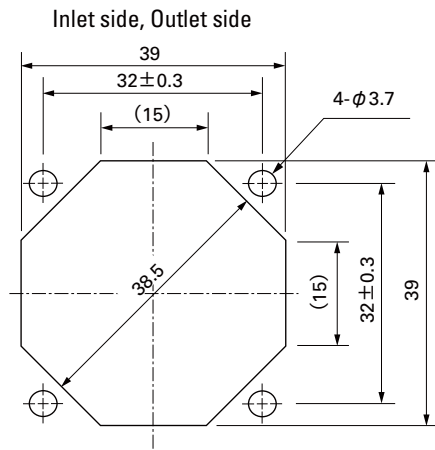
**40×40×28mm** (Mass : 52g) **9P type****Specifications** The following nos. **have pulse sensors and ribs.**

| Model No.            | Rated Voltage [V] | Operating Voltage Range [V] | Rated Current [A] | Rated Input [W] | Rated Speed [min <sup>-1</sup> ] | Max. Airflow [m <sup>3</sup> /min] [CFM] | Max. Static Pressure [Pa] [inchH <sub>2</sub> O] | SPL [dB(A)] | Operating Temperature [°C] | Expected Life [h] |
|----------------------|-------------------|-----------------------------|-------------------|-----------------|----------------------------------|------------------------------------------|--------------------------------------------------|-------------|----------------------------|-------------------|
| <b>109P0405H3013</b> | 5                 | 4.5 to 5.5                  | 0.68              | 3.4             | 8,700                            | 0.32 11.3                                | 102.9 0.414                                      | 37          | -20 to +70                 | 40,000/60°C       |
| <b>109P0405F3013</b> |                   |                             | 0.28              | 1.4             | 6,700                            | 0.244 8.6                                | 58.8 0.236                                       | 30          |                            | 60,000/60°C       |
| <b>109P0412K3013</b> | 12                | 8 to 13.2                   | 0.55              | 6.6             | 15,500                           | 0.59 20.8                                | 340 1.365                                        | 50          | -20 to +60                 | 40,000/60°C       |
| <b>109P0412J3013</b> |                   | 7 to 13.2                   | 0.35              | 4.2             | 12,500                           | 0.46 16.2                                | 210 0.843                                        | 44          |                            |                   |
| <b>109P0412G3013</b> |                   |                             | 0.31              | 3.72            | 11,500                           | 0.42 14.8                                | 179 0.719                                        | 42          |                            |                   |
| <b>109P0412B3013</b> |                   | 7 to 13.8                   | 0.28              | 3.36            | 10,300                           | 0.38 13.4                                | 143 0.574                                        | 40          |                            |                   |
| <b>109P0412H3013</b> |                   |                             | 0.195             | 2.34            | 8,700                            | 0.32 11.3                                | 102.9 0.414                                      | 37          | -20 to +70                 | 60,000/60°C       |
| <b>109P0412F3013</b> |                   |                             | 0.105             | 1.26            | 6,700                            | 0.244 8.6                                | 58.8 0.236                                       | 30          |                            |                   |
| <b>109P0412M3013</b> |                   |                             | 0.045             | 0.54            | 4,100                            | 0.15 5.3                                 | 21.6 0.087                                       | 20          |                            |                   |
| <b>109P0424R3013</b> |                   |                             | 0.25              | 6               | 14,000                           | 0.51 18.0                                | 263.4 1.057                                      | 47          |                            |                   |
| <b>109P0424J3013</b> | 24                | 12 to 26.4                  | 0.18              | 4.32            | 12,500                           | 0.46 16.2                                | 210 0.843                                        | 44          | -20 to +60                 | 40,000/60°C       |
| <b>109P0424G3013</b> |                   |                             | 0.19              | 4.56            | 11,500                           | 0.42 14.8                                | 179 0.719                                        | 42          |                            |                   |
| <b>109P0424B3013</b> |                   |                             | 0.13              | 3.12            | 10,300                           | 0.38 13.4                                | 143 0.574                                        | 40          |                            |                   |
| <b>109P0424H3013</b> |                   |                             | 0.095             | 2.28            | 8,700                            | 0.32 11.3                                | 102.9 0.414                                      | 37          |                            |                   |
| <b>109P0424F3013</b> |                   | 12 to 27.6                  | 0.055             | 1.32            | 6,700                            | 0.244 8.6                                | 58.8 0.236                                       | 30          | -20 to +70                 | 60,000/60°C       |
|                      |                   | 14 to 27.6                  |                   |                 |                                  |                                          |                                                  |             |                            |                   |

Models without sensors, or with lock sensors, or PWM control function are available as options. Please refer to the index (pp. 466 to 467).

**Dimensions (unit: mm)**

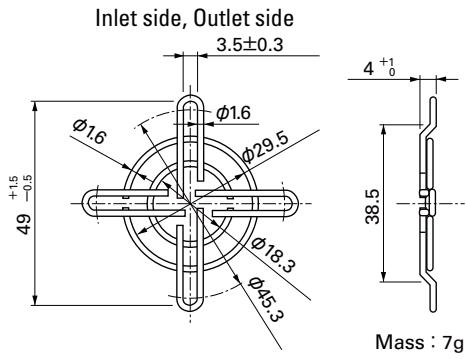
## Reference Dimensions of Mounting Holes and Vent Opening (unit: mm)

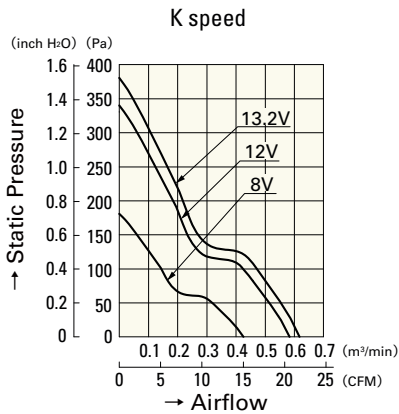
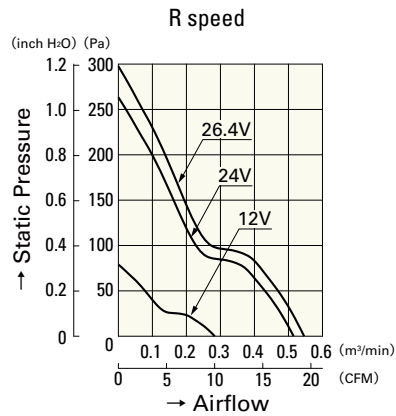
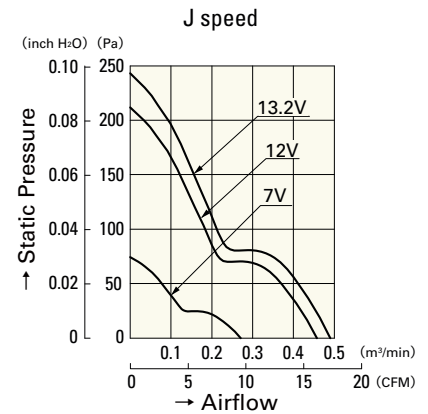
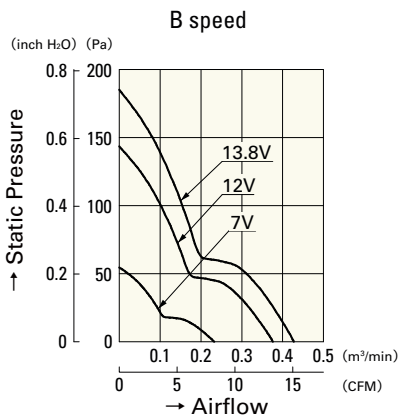
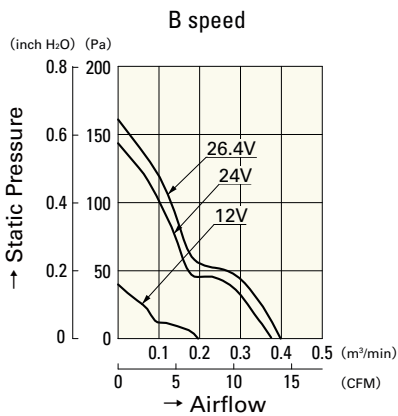
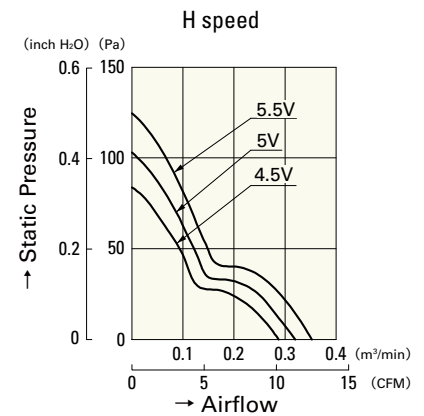
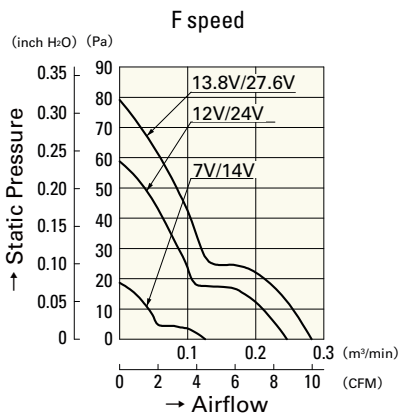
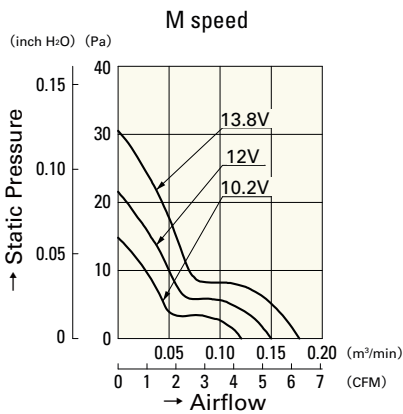


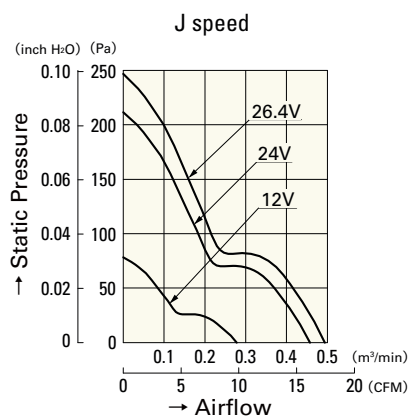
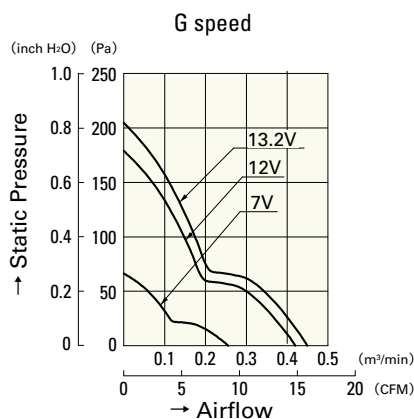
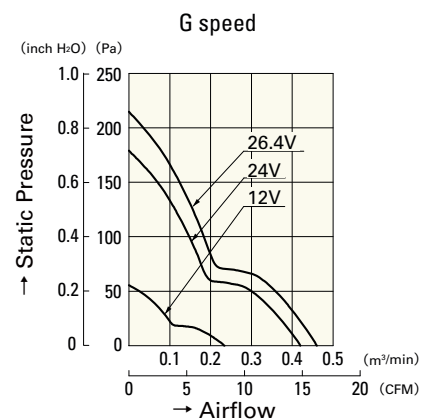
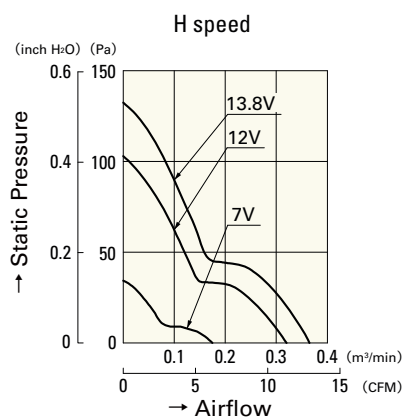
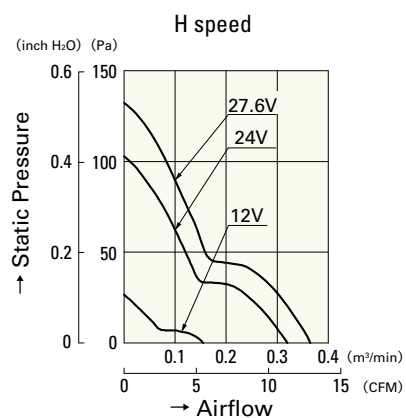
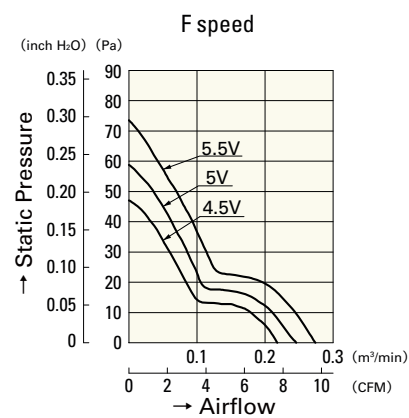
## Options (unit: mm)

### Finger Guards

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



**40**mm sq.**San Ace 40****40×40×28mm** [Mass : 52g]**Airflow - Static Pressure Characteristics****109P0412K3013****109P0424R3013****109P0412J3013****109P0412B3013****109P0424B3013****109P0405H3013****109P0412F3013****109P0424F3013****109P0412M3013**

**109P0424J3013****109P0412G3013****109P0424G3013****109P0412H3013****109P0424H3013****109P0405F3013**

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