80mm sq.

San Ace 80

General Specifications

· Material ························· Frame: Plastics (Flammability: UL94V-0),
　　　　　　　　　　　　　 Impeller: Plastics (Flammability: UL94V-1)
· Expected Life ············· Refer to specifications（L10:Survival rate:90% at 60℃ ,
　　　　　　　　　　　　　 rated voltage, and continuously run in a free air state）
· Lead Wire ····················· ⊕red ⊖black or blue ［Sensor］yellow
· Storage Temperature ···−30℃ to +70℃（Non-condensing）

80×80×15mm 〔Mass：68g〕 9Ptype

### 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⁻¹]	Max. Airflow		Max. Static Pressure		SPL [dB(A)]	Operating Temperature [℃]	Expected Life [h]
						[m³/min]	[CFM]	[Pa]	[inchH₂O]			
109P0812H701	12	7 to 13.8	0.2	2.4	3,100	0.91	32.1	29.4	0.118	31	−20 to +70	40,000/60℃
109P0812M701			0.09	1.08	2,000	0.57	20.1	12.6	0.051	21		60,000/60℃
109P0824H701	24	14 to 27.6	0.1	2.4	3,100	0.91	32.1	29.4	0.118	31		40,000/60℃
109P0824M701			0.05	1.2	2,000	0.57	20.1	12.6	0.051	21		60,000/60℃

Other sensor specifications are available as options. Please refer to the index (pp. 497 to 498).
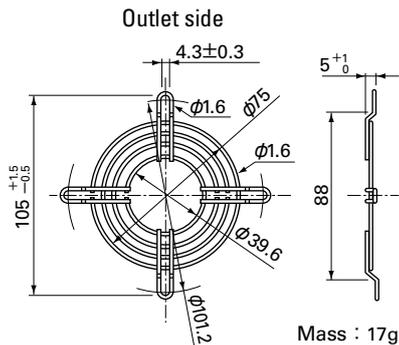
Dimensions （unit: mm）

Rotating Direction

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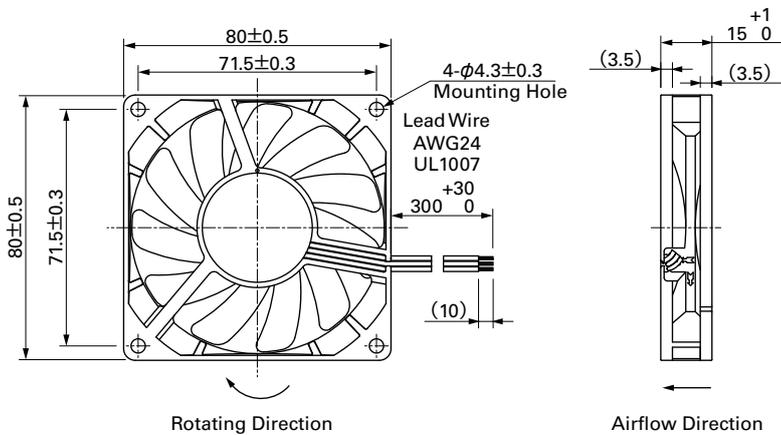
Reference Dimensions of Mounting Holes and Vent Opening （unit: mm）

Inlet side

Outlet side
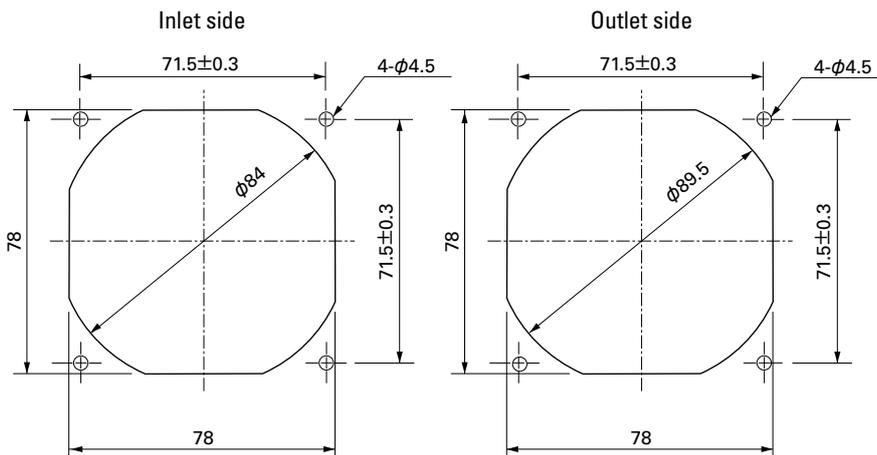
Options（unit: mm）

Finger Guards
Model：109-049C　Surface treatment：Nickel-chrome plating（silver）　Color

Outlet side

4.3±0.3
φ1.6 φ75
φ1.6
105 +1.5 -0.5
88
φ39.6
φ101.2
5 +1 0

Mass：17g

Model：109-049E　Surface treatment：Nickel-chrome plating（silver）　Color
　　：109-049H　　：Cation electropainting（black）

Inlet side, Outlet side

4.3±0.3
φ1.6
φ75 φ1.6
105 +1.5 -0.5
88
φ101.2
5 +1 0

Mass：21g

Resin Finger Guards
Model：109-1002G

82±1
71.5±0.3
82±1
71.5±0.3
7±0.5
4-2±0.5
4-φ4.3±0.3

Mass：10g

Resin Filter Kits
Model：109-1002F13（13PPI），109-1002F20（20PPI）
　　：109-1002F30（30PPI），109-1002F40（40PPI）

85.5±1
71.5±0.3
85.5±1
71.5±0.3
4-φ10±0.5
10.5±0.5
4-2±0.5
4-φ4.3±0.3

Mass：19g
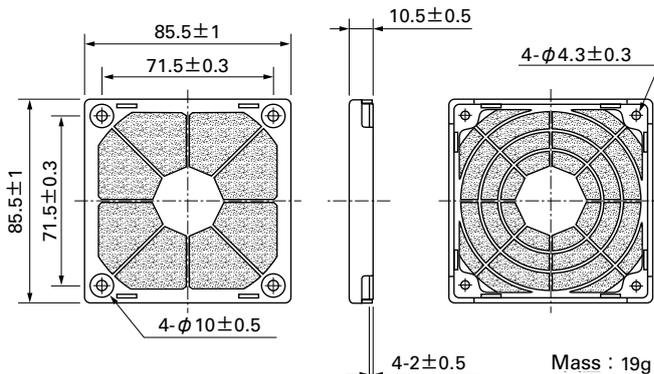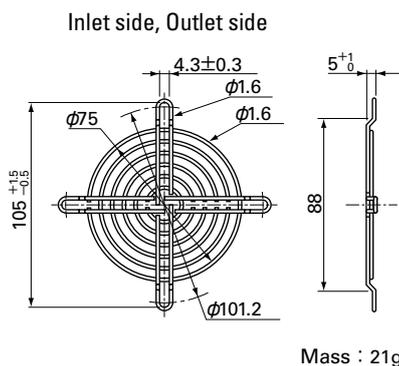
Airflow - Static Pressure Characteristics

H speed

(inch H₂O) (Pa)
13.8V/27.6V
12V/24V
7V/14V

→ Static Pressure
→ Airflow (m³/min) (CFM)
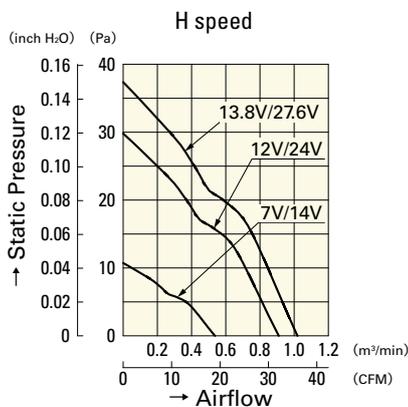
| 109P0812H701 |
| 109P0824H701 |

M speed

(inch H₂O) (Pa)
13.2V/27.6V
12V/24V
7V/14V
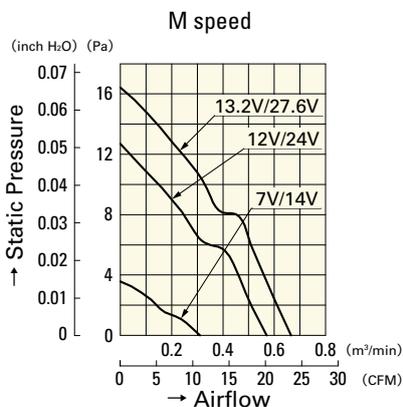
| 109P0812M701 |
| 109P0824M701 |

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Sanyo Denki](#):
  [109P0824M702](#) [109P0812M702](#) [109P0824H702](#) [109P0812H702](#) [109P0812H7D01](#) [109P0812M7D01](#)
[109P0824H7D01](#) [109P0824M7D01](#)