

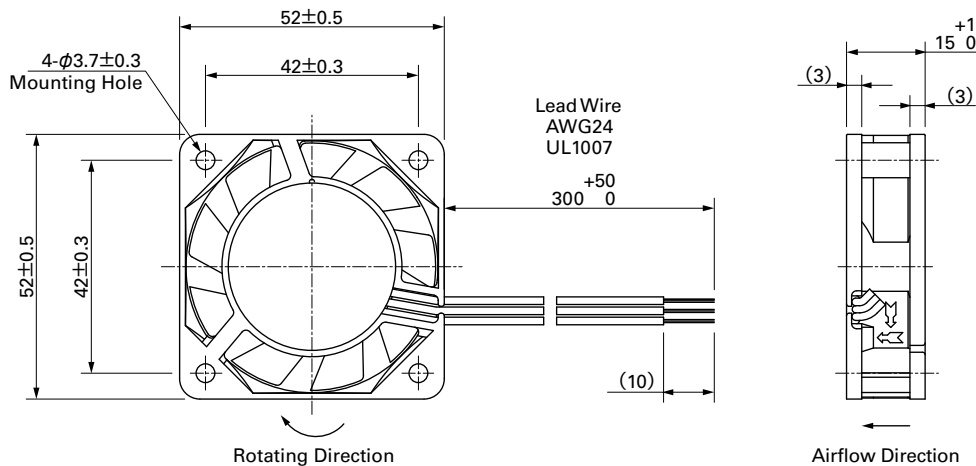
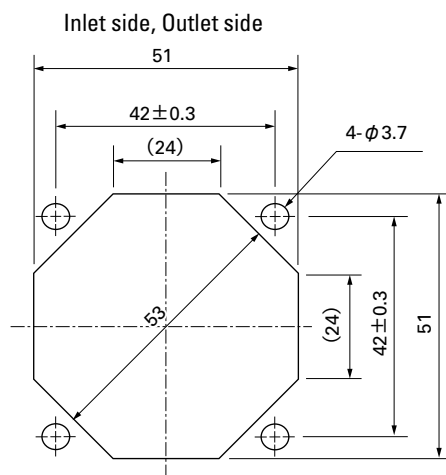
52mm sq.**San Ace 52****General Specifications**

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

52×52×15mm (Mass : 55g) **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 ⁻¹]	Max. Airflow		Max. Static Pressure		SPL [dB(A)]	Operating Temperature [°C]	Expected Life [h]
109P0505M701	5	4.5 to 5.5	0.15	0.75	3,700	0.205	7.24	21.4	0.086	22	-20 to +70	60,000/60°C
109P0512A701	12	10.2 to 13.8	0.21	2.52	6,800	0.375	13.25	69.7	0.280	36		40,000/60°C
109P0512H701		7 to 13.8	0.10	1.20	4,600	0.255	9.00	31.9	0.128	27		60,000/60°C
109P0512M701			0.07	0.84	3,700	0.205	7.24	21.4	0.086	22		60,000/60°C
109P0524A701	24	14 to 27.6	0.11	2.64	6,800	0.375	13.24	69.7	0.280	36	-20 to +60	40,000/60°C
109P0524H701			0.05	1.20	4,600	0.255	9.00	31.9	0.128	27		40,000/60°C
109P0524M701			0.04	0.96	3,700	0.205	7.24	21.4	0.086	22	-20 to +70	60,000/60°C

Other sensor specifications are available as options. Please refer to the index (p. 497).

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

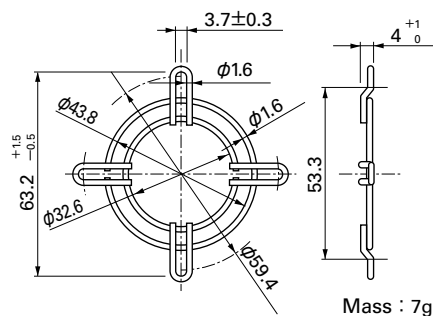
Options (unit: mm)

Finger Guards

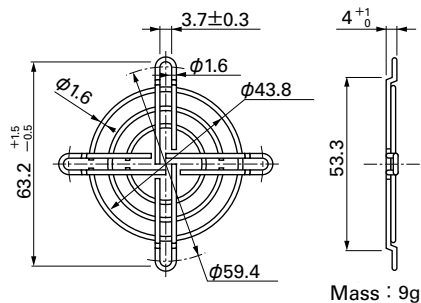
Model : 109-149 Surface treatment : Nickel-chrome plating Color (silver)

Model : 109-149E Surface treatment : Nickel-chrome plating Color (silver)

Outlet side

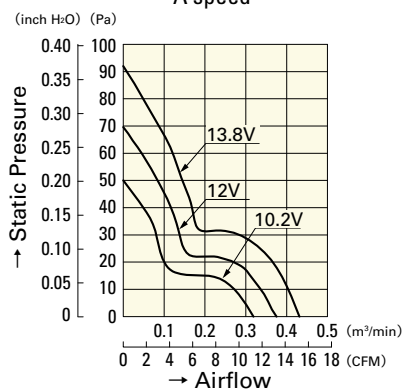


Inlet side, Outlet side



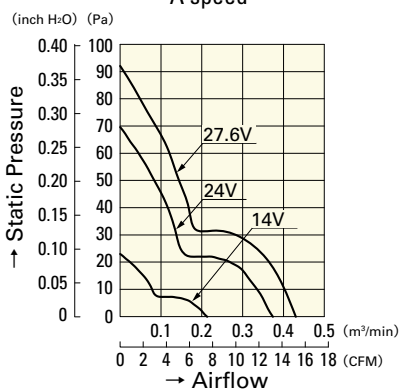
Airflow - Static Pressure Characteristics

A speed



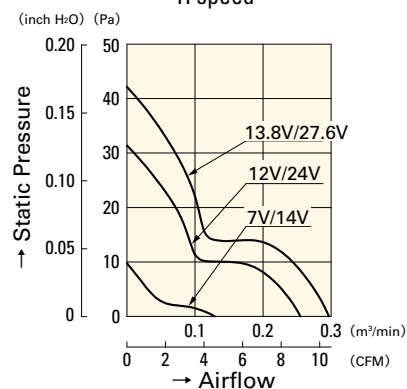
109P0512A701

A speed



109P0524A701

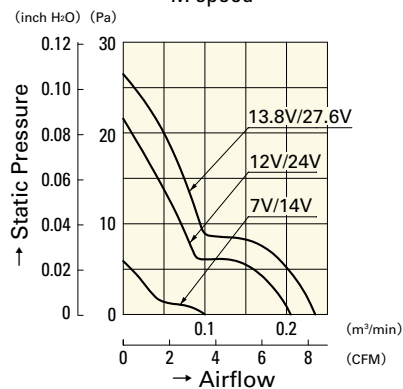
H speed



109P0512H701

109P0524H701

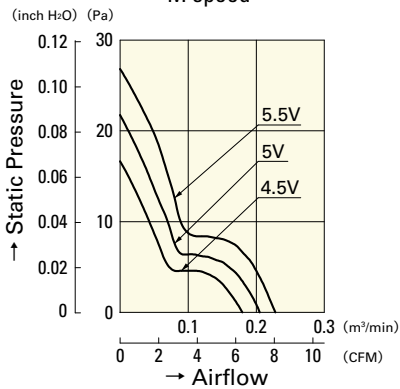
M speed



109P0512M701

109P0524M701

M speed



109P0505M701

Mouser Electronics

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Sanyo Denki:

[109P0512A702](#) [109P0524H702](#) [109P0512M7D01](#) [109P0512H7D01](#) [109P0505M7D01](#) [109P0524A7D01](#)
[109P0524H7D01](#) [109P0524A702](#) [109P0524M702](#) [109P0512A7D01](#) [109P0512H702](#) [109P0524M7D01](#)
[109P0512M702](#) [109P0505M702](#)