

40×40×15 mm

San Ace 40 9P type   



General Specifications

- Material Frame: Plastic (Flammability: UL 94V-0), Impeller: Plastic (Flammability: UL 94V-1)
- 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 or Blue (Sensor) Yellow
- Mass 32 g

Specifications

The models listed below **have ribs and pulse sensors.**

Model no.	Rated voltage [V]	Operating voltage range [V]	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]
109P0405H701	5	4.5 to 5.5	0.28	1.4	7700	0.18 6.4	75.5 0.303	28	-20 to +60	60000/60°C
109P0405M701			0.21	1.05	6500	0.15 5.3	52.9 0.213	24		
109P0412R701	12	7 to 13.8	0.13	1.56	9700	0.227 8.0	111.9 0.449	34		40000/60°C
109P0412S701			0.18	2.16	8600	0.2 7.06	92.1 0.369	32		
109P0412H701			0.13	1.56	7700	0.18 6.4	75.5 0.303	28		
109P0412M701			0.095	1.14	6500	0.15 5.3	52.9 0.213	24		
109P0424H701			0.08	1.92	7700	0.18 6.4	75.5 0.303	28		

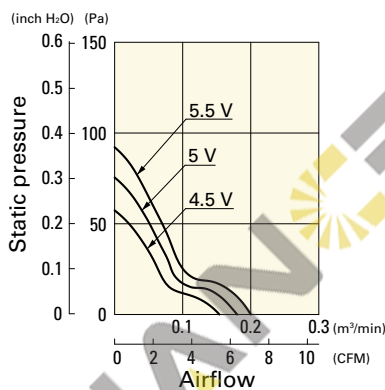
The following sensor and control options are available for selection.

Available for all models. **Without sensor** **Lock sensor**

Airflow - Static Pressure Characteristics

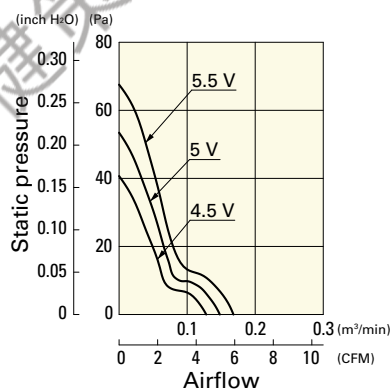
109P0405H701 With pulse sensor

Operating voltage range



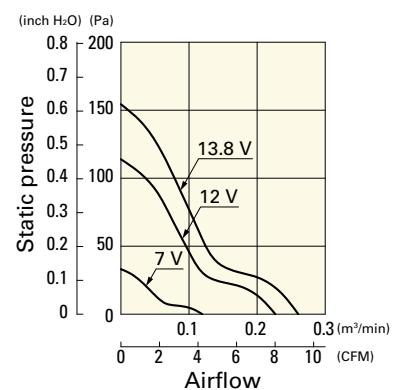
109P0405M701 With pulse sensor

Operating voltage range



109P0412R701 With pulse sensor

Operating voltage range



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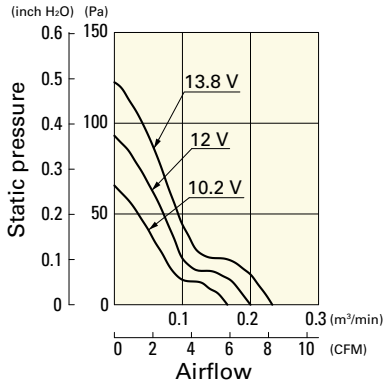
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Airflow - Static Pressure Characteristics

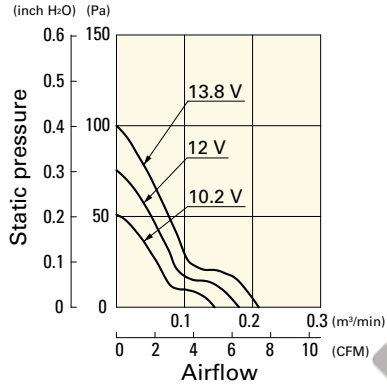
109P0412S701 With pulse sensor

Operating voltage range



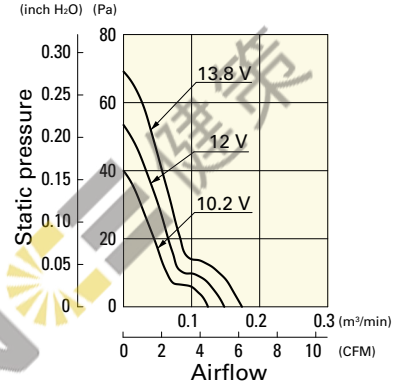
109P0412H701 With pulse sensor

Operating voltage range



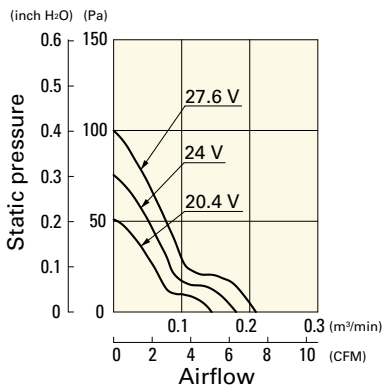
109P0412M701 With pulse sensor

Operating voltage range

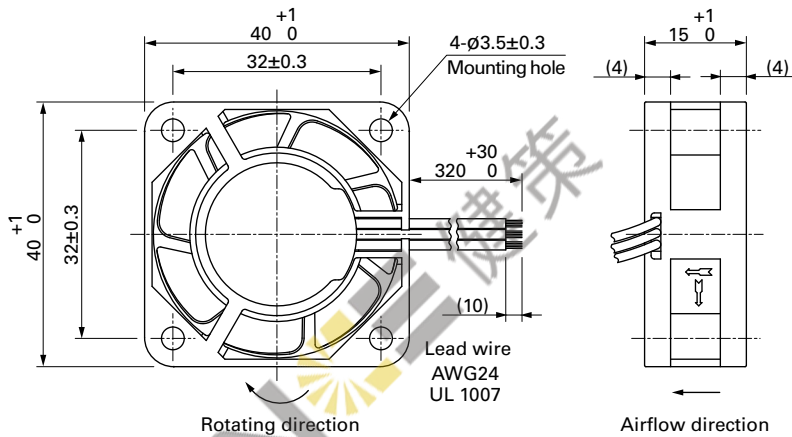


109P0424H701 With pulse sensor

Operating voltage range

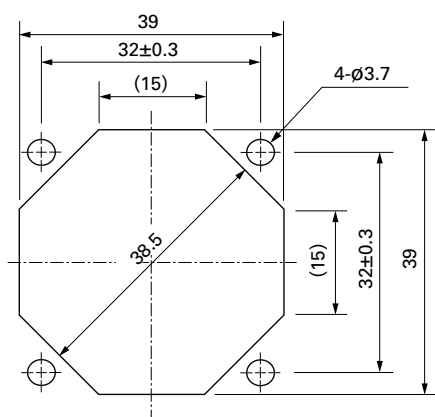


Dimensions (unit: mm)



DC

Inlet side, Outlet side



Finger guards

page: p. 532

Model no.: 109-059, 109-059H

Mouser Electronics

Authorized Distributor

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Sanyo Denki:

[109P0412M701](#) [109P0424H701](#) [109P0424H702](#) [109P0405H701](#) [109P0412H701](#) [109P0405M701](#) [109P0412S701](#)
[109P0412M702](#) [109P0412S7D01](#) [109P0412S702](#) [109P0412H7D01](#) [109P0412M7D01](#) [109P0412H702](#)
[109P0424H7D01](#) [109P0405H7D01](#) [109P0405H702](#) [109P0405M7D01](#) [109P0405M702](#) [109P0412R701](#)
[109P0424M7D01](#) [109P0424M702](#) [109P0412R702](#) [109P0412R7D01](#)