

DC Fan

40x40x20 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)
Expected life at 40°C is for reference only.
- Motor protection function Locked rotor burnout protection, Reverse polarity protection
For details, please refer to p. 616.
- Dielectric strength 50/60 Hz, 500 VAC, for 1 minute (between lead wire conductors and frame)
- Insulation resistance 10 MΩ min. at 500 VDC (between lead wire conductors and frame)
- Sound pressure level (SPL) A-weighted 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 45 g

Specifications

The models listed below **have ribs and a pulse sensor.**

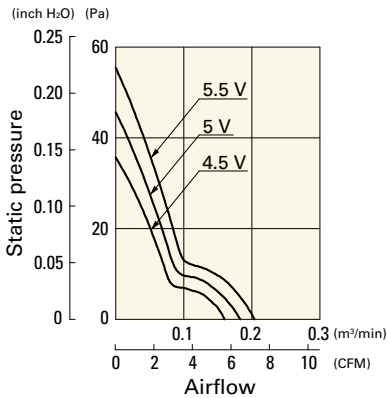
Model no.	Rated voltage [V]	Operating voltage range [V]	Rated current [A]	Rated input [W]	Rated speed [min ⁻¹]	Max. airflow [m ³ /min] [CFM]	Max. static pressure [Pa] [inchH ₂ O]	SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
109P0405F601	5	4.5 to 5.5	0.25	1.25	6500	0.183 6.5	45.1 0.181	28	-20 to +70	60000/60°C (90000/40°C)
109P0405M601			0.12	0.6	5000	0.136 4.8	26.5 0.106	24		
109P0412F601	12	7 to 13.8	0.09	1.08	6500	0.183 6.5	45.1 0.181	28		
109P0412M601			0.06	0.72	5000	0.136 4.8	26.5 0.106	24		
109P0424F601	24	14 to 27.6	0.06	1.44	6500	0.183 6.5	45.1 0.181	28		
109P0424B601			0.06	1.44	5200	0.14 4.9	28.3 0.114	25		

Note: Sensor and control options are available for selection. Refer to the table on p. 645.

Airflow - Static Pressure Characteristics

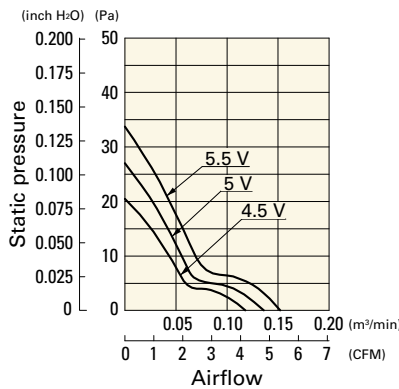
109P0405F601 With pulse sensor

Operating voltage range



109P0405M601 With pulse sensor

Operating voltage range



109P0412F601 With pulse sensor

Operating voltage range

