

Blower

76x20 mm

San Ace B76 9BD type   



General Specifications

- Material Frame: Plastic (Flammability: UL 94V-0), Impeller: Plastic (Flammability: UL 94V-0)
- 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. 614.
- 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 ☐ Sensor ☐ Yellow
- Mass 58 g

Specifications

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

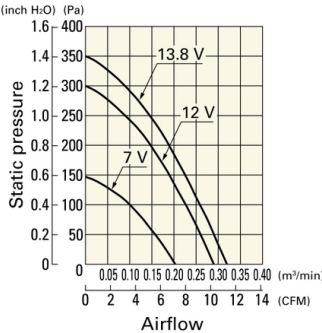
Model no.	Rated voltage [V]	Operating voltage range [V]	Rated current [A]	Rated input [W]	Rated speed [min ⁻¹]	Max. airflow [m ³ /min] [CFM]	Max. static pressure [Pa] [inchH ₂ O]	SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
» 9BD12SC6-1	12	7 to 13.8	0.28	3.36	4500	0.29 10.2	300 1.2	43	-20 to +70	40000/60°C (70000/40°C)
» 9BD12HC6-1			0.21	2.52	4200	0.27 9.5	230 0.92	41		
» 9BD12FC6-1			0.18	2.16	3900	0.25 8.8	200 0.8	39		
» 9BD24SC6-40	24	10 to 27.6	0.16	3.84	4500	0.29 10.2	300 1.2	43		
» 9BD24HC6-1			0.12	2.88	4200	0.27 9.5	230 0.92	41		
» 9BD24FC6-1			0.1	2.4	3900	0.25 8.8	200 0.8	39		

Note 1: Sensor and control options are available for selection. Refer to the table on p. 640.
Note 2: The » mark indicates Short LeadTime Service applicable models. See p. 668 for details.

Airflow - Static Pressure Characteristics

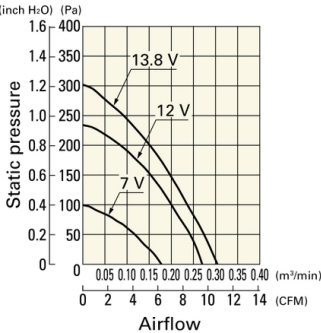
9BD12SC6-1 With pulse sensor

Operating voltage range



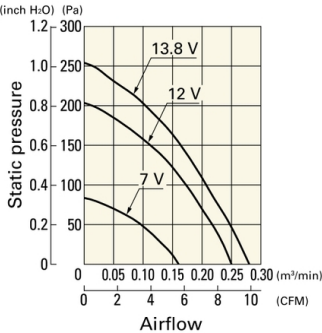
9BD12HC6-1 With pulse sensor

Operating voltage range



9BD12FC6-1 With pulse sensor

Operating voltage range

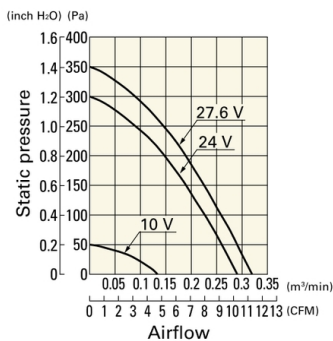


Airflow - Static Pressure Characteristics

9BD24SC6-40 With pulse sensor

With pulse sensor

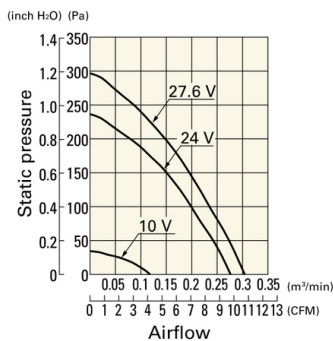
Operating voltage range



9BD24HC6-1 With pulse sensor

With pulse sensor

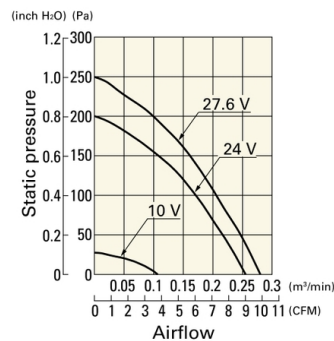
Operating voltage range



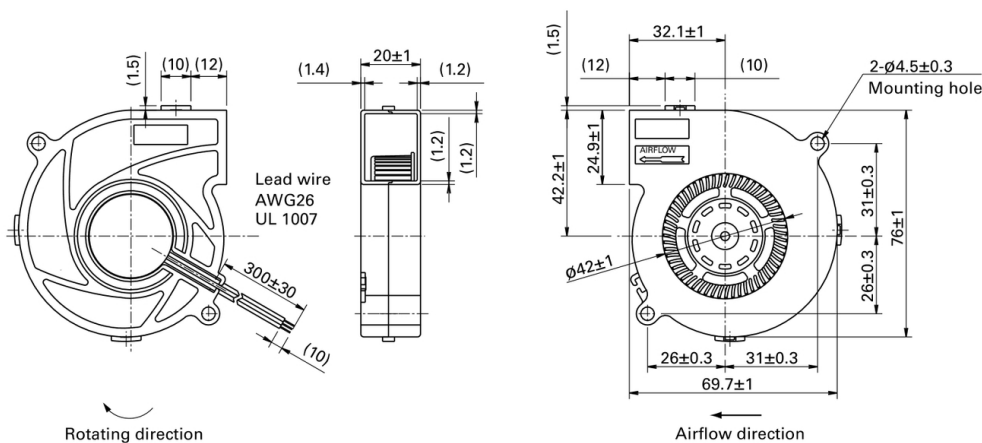
9BD24FC6-1 With pulse sensor

With pulse sensor

Operating voltage range



Dimensions (unit: mm)



DC

Blower 76 mm