

52x15 mm

San Ace B52 9BC type c  



Blower 52 mm

DC

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. 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 ☐ Sensor ☐ Yellow
- Mass 33 g

Specifications

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

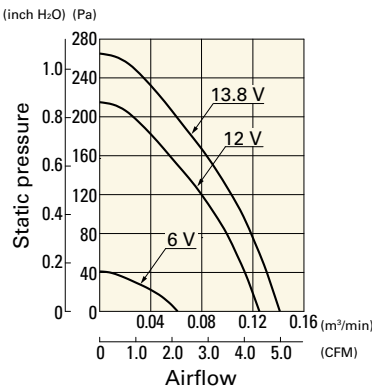
Model no.	Rated voltage [V]	Operating voltage range [V]	Rated current [A]	Rated input [W]	Rated speed [min ⁻¹]	Max. airflow [m ³ /min] [CFM]	Max. static pressure [Pa] [inchH ₂ O]	SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
109BC12GC7-1	12	6 to 13.8	0.12	1.44	6200	0.125 4.4	215 0.86	43	-20 to +70	40000/60°C (70000/40°C)
109BC12HC7-1			0.1	1.2	5600	0.112 4.0	165 0.66	40		
109BC12FC7-1			0.08	0.96	5100	0.101 3.6	130 0.52	38		
109BC12MC7-1			0.06	0.72	4600	0.091 3.2	100 0.4	35		
109BC24GC7-1	24	12 to 27.6	0.07	1.68	6200	0.125 4.4	215 0.86	43		
109BC24HC7-1			0.05	1.2	5600	0.112 4.0	165 0.66	40		
109BC24FC7-1			0.04	0.96	5100	0.101 3.6	130 0.52	38		

Note: Sensor and control options are available for selection. Refer to the table on p. 644.

Airflow - Static Pressure Characteristics

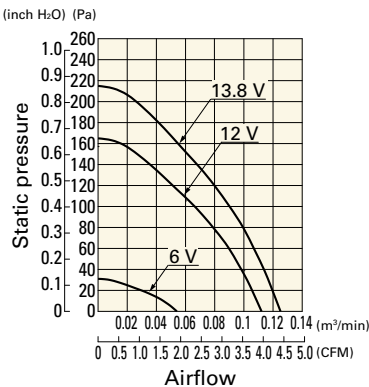
109BC12GC7-1 With pulse sensor

Operating voltage range



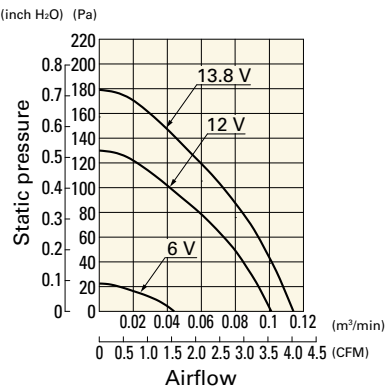
109BC12HC7-1 With pulse sensor

Operating voltage range



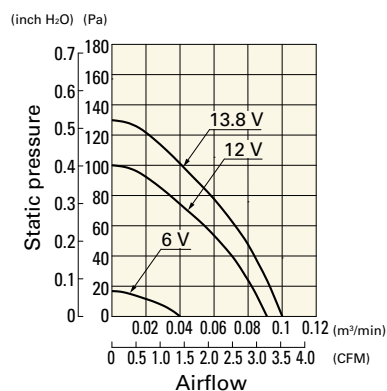
109BC12FC7-1 With pulse sensor

Operating voltage range



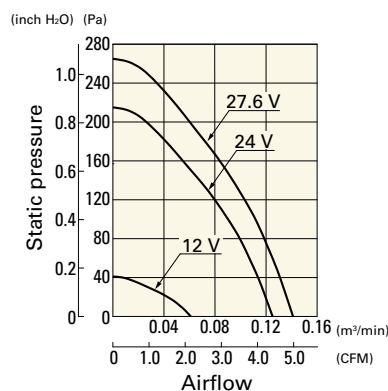
109BC12MC7-1 With pulse sensor

Operating voltage range



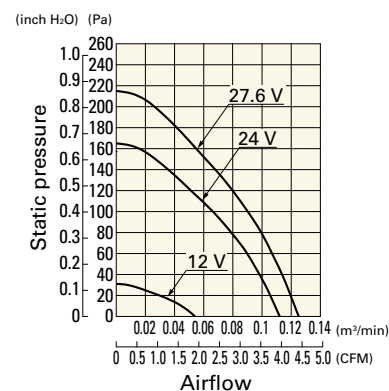
109BC24GC7-1 With pulse sensor

Operating voltage range



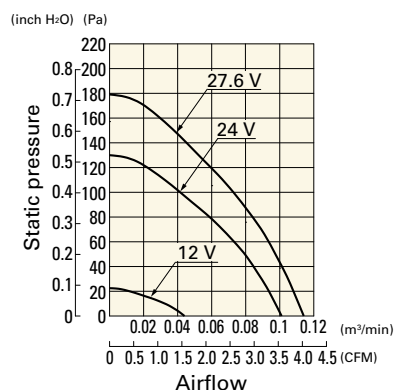
109BC24HC7-1 With pulse sensor

Operating voltage range

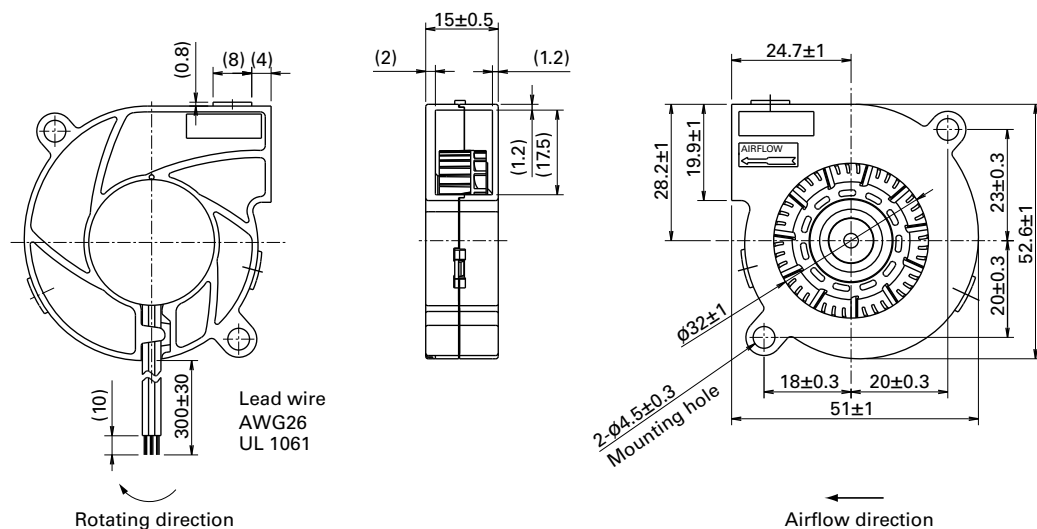


109BC24FC7-1 With pulse sensor

Operating voltage range



Dimensions (unit: mm)



76x20 mm

San Ace B76 9BD type  



Blower 76 mm

DC

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. 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 ☐Sensor ☐Yellow
- Mass 58 g

Specifications

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

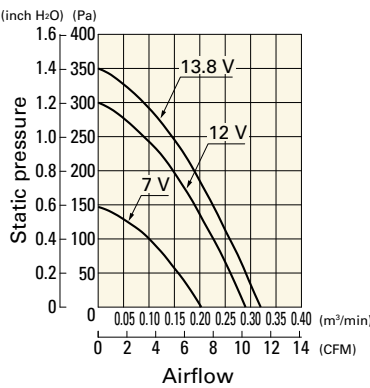
Model no.	Rated voltage [V]	Operating voltage range [V]	Rated current [A]	Rated input [W]	Rated speed [min ⁻¹]	Max. airflow [m ³ /min] [CFM]	Max. static pressure [Pa] [inchH ₂ O]	SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
9BD12SC6-1	12	7 to 13.8	0.28	3.36	4500	0.29 10.2	300 1.2	43	-20 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: Sensor and control options are available for selection. Refer to the table on p. 645 to 646.

Airflow - Static Pressure Characteristics

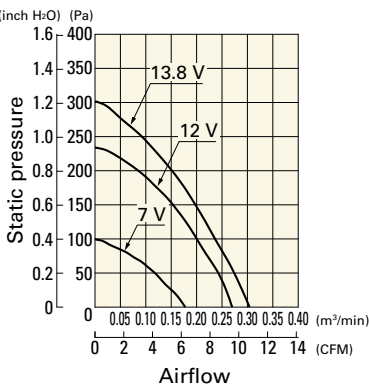
9BD12SC6-1 With pulse sensor

Operating voltage range



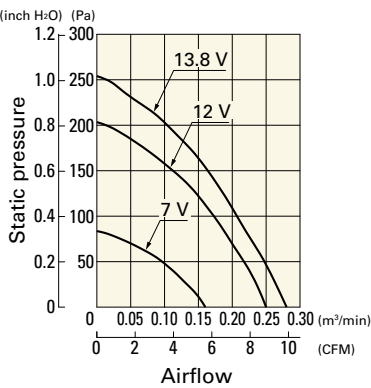
9BD12HC6-1 With pulse sensor

Operating voltage range



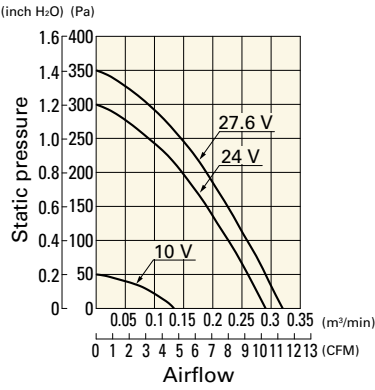
9BD12FC6-1 With pulse sensor

Operating voltage range



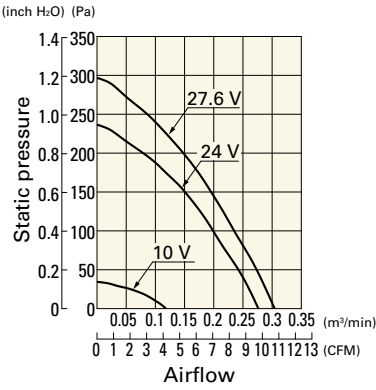
9BD24SC6-40 With pulse sensor

Operating voltage range



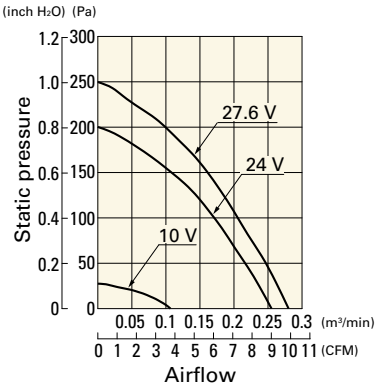
9BD24HC6-1 With pulse sensor

Operating voltage range



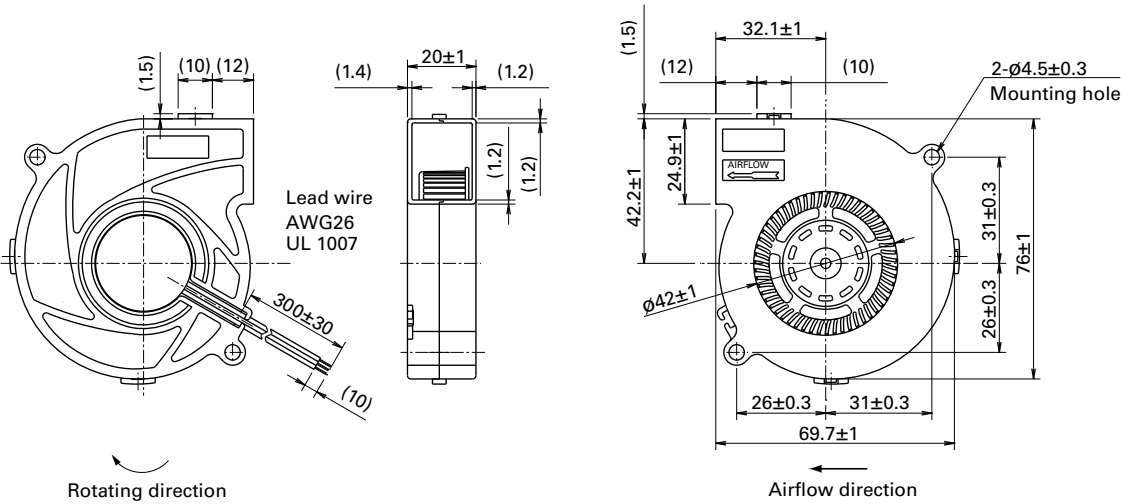
9BD24FC6-1 With pulse sensor

Operating voltage range



Blower 76 mm DC

Dimensions (unit: mm)



76×30 mm

San Ace B76 9BD type   



DC
Blower 76 mm

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 100 g

Specifications

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

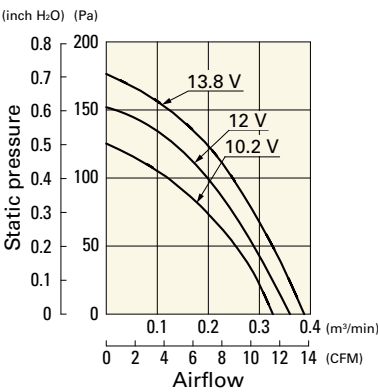
Model no.	Rated voltage [V]	Operating voltage range [V]	Rated current [A]	Rated input [W]	Rated speed [min ⁻¹]	Max. airflow [m ³ /min] [CFM]	Max. static pressure [Pa] [inchH ₂ O]	SPL [dB (A)]	Operating temperature [°C]	Expected life [h]
109BD12HC2	12	10.2 to 13.8	0.37	4.44	3000	0.36 12.7	151.9 0.61	41.5	-20 to +60	40000/60°C (70000/40°C)
109BD12FC2			0.27	3.24	2600	0.31 10.9	98 0.394	37	-20 to +70	
109BD12MC2			0.14	1.68	2100	0.25 8.8	58.8 0.236	32.5	-20 to +60	
109BD24HC2	24	20.4 to 27.6	0.17	4.08	3000	0.36 12.7	151.9 0.61	41.5	-20 to +60	
109BD24FC2			0.14	3.36	2600	0.31 10.9	98 0.394	37	-20 to +70	
109BD24MC2			0.1	2.4	2100	0.25 8.8	58.8 0.236	32.5	-20 to +70	

Note: Sensor and control options are available for selection. Refer to the table on p. 644.

Airflow - Static Pressure Characteristics

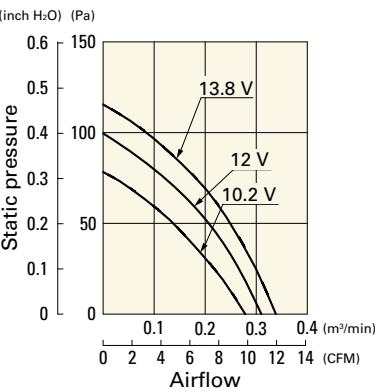
109BD12HC2 With pulse sensor

Operating voltage range



109BD12FC2 With pulse sensor

Operating voltage range



109BD12MC2 With pulse sensor

Operating voltage range

