

DC Fan Motors

Long Life Fan 80mm

SAN ACE 80L



Long Life Fans

General specifications

Life expectancy100,000 hours, indoor environment(survival rate: 90% at 60°C, rated voltage, and continuously run in a free air state)

Motor protection system ···Current cut system (with reverse-connection protection)

Dielectric strength ······50/60 Hz, 500 VAC, 1 minute
(between lead conductor and frame)

Operating thermally range -10°C to +70°C (non-condensing)

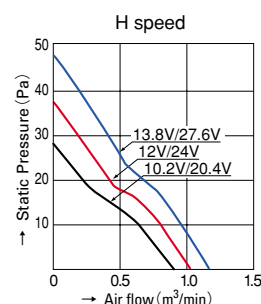
Fan power lead ········H and F speeds, ⊕ red, ⊖ black
M and L speeds, ⊕ red, ⊖ blue

25mm thick

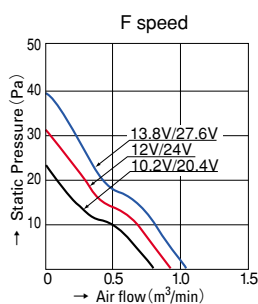
Specifications

Model No	Rated voltage (V)	Operating voltage range (V)	Rated current (A)	Rated input (W)	Rated rotating speed (min ⁻¹)	Air flow (m ³ /min)	Static pressure (Pa)	Noise (dB[A])	Mass (g)
109L0812H402	12	10.2~13.8	0.18	2.16	3,000	1.06	37.4	39.2	150
109L0812F402			0.14	1.68	2,700	0.93	32.8	32.3	
109L0812M402			0.1	1.2	2,400	0.83	29.3	26.5	
109L0812L402			0.08	0.96	1,900	0.63	22.2	16.7	
109L0824H402			0.09	2.16	3,000	1.06	37.4	39.2	
109L0824F402			0.08	1.92	2,700	0.93	32.8	32.3	
109L0824M402	24	20.4~27.6	0.07	1.68	2,400	0.83	29.3	26.5	
109L0824L402			0.05	1.2	1,900	0.63	22.2	16.7	
109L0848H402			0.06	2.88	3,150	1.1	38.8	43.1	34

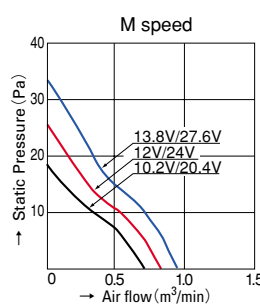
Typical air flow and static pressure characteristics



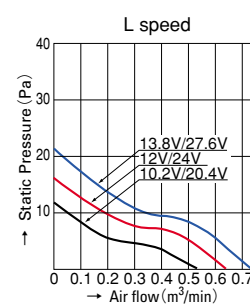
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109L0824H402



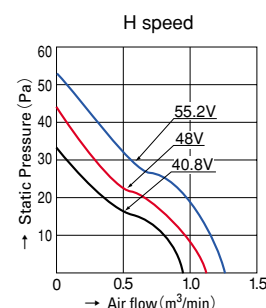
109L0812F402
109L0824F402



109L0812M402
109L0824M402



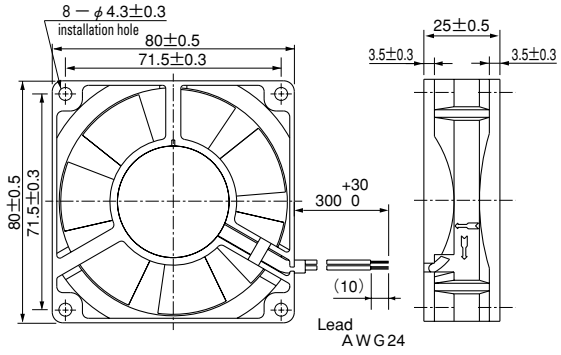
109L0812L402
109L0824L402



109L0848H402

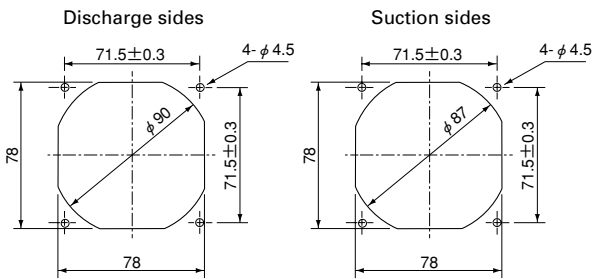
80mm

Dimensions (unit : mm)



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Reference dimensional diagram for installation holes (unit : mm)



80mm

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