

DC Fan Motors

SAN ACE 92mm MINI ACE

Silent, universal type

General specifications

Motor protection system ··· PTC protection system (25mm thick)
Current cut system (32mm thick)
(with reverse-connection protection)
Dielectric strength ······ 50/60 Hz, 500 VAC, 1 minute
(between lead conductor and frame)
Operating thermally range — 10°C to +60°C (non-condensing)
Fan power lead ·········· H, F speeds and wide range, ⊕ red, ⊖ black
M speed, ⊕ red, ⊖ blue

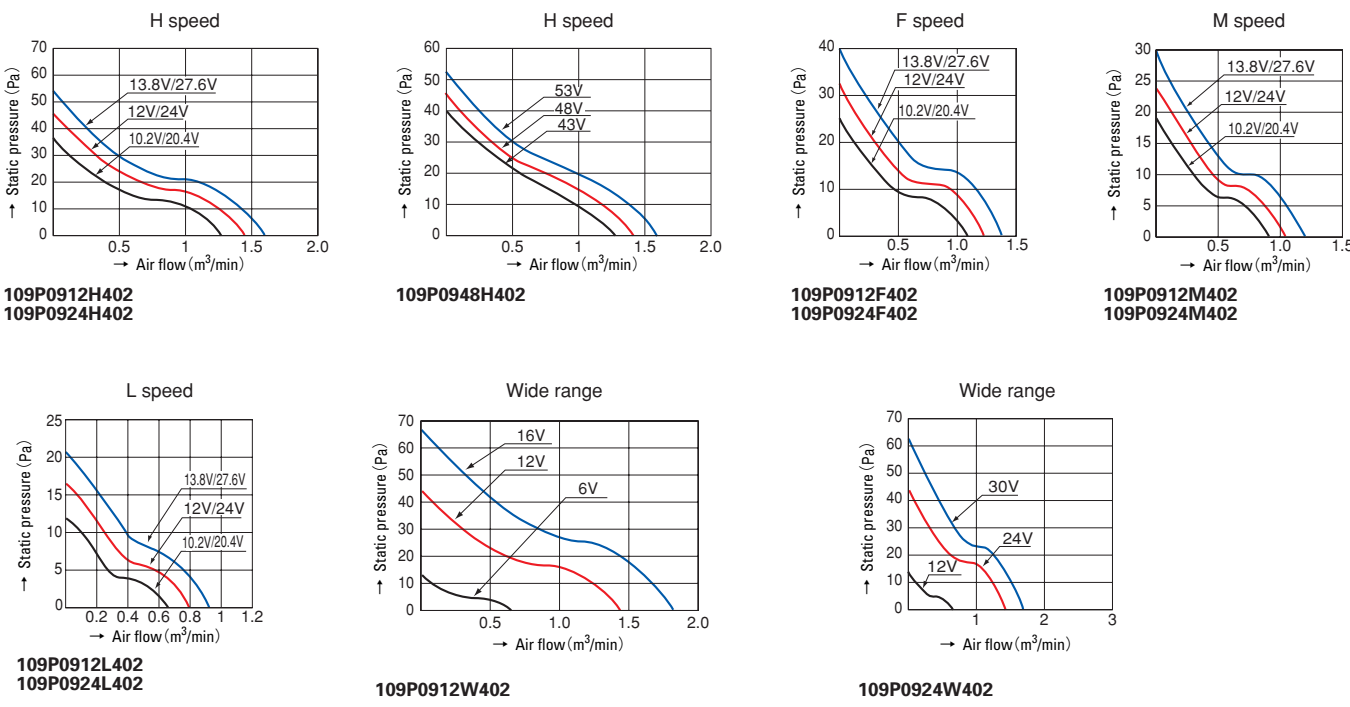
25mm thick

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) (CFM)	Static pressure (Pa)	Noise (dB[A])	Mass (g)
109P0912H402(4021)	12	10.2~13.8	0.21	2.52	2,850	1.45	51.2	45.1	33
109P0912F402(4021)			0.14	1.68	2,450	1.24	43.8	32.3	30
109P0912M402(4021)			0.1	1.2	2,100	1.04	36.7	23.5	27
109P0912L402(4021)			0.07	0.84	1,700	0.8	28.3	16.7	23
109P0912W402(4021)			0.21	2.52	2,850	1.45	51.2	45.1	33
109P0924H402(4021)	24	20.4~27.6	0.12	2.88	2,850	1.45	51.2	45.1	33
109P0924F402(4021)			0.08	1.92	2,450	1.24	43.8	32.3	30
109P0924M402(4021)			0.06	1.44	2,100	1.04	36.7	23.5	27
109P0924L402(4021)			0.05	1.2	1,700	0.8	28.3	16.7	23
109P0924W402(4021)			0.12	2.88	2,850	1.45	51.2	45.1	33
109P0948H402(4021)	48	43~53	0.06	2.88	2,850	1.45	51.2	45.1	33

The numbers in () represent ribless models. W represents wide range.

Typical air flow and static pressure characteristics



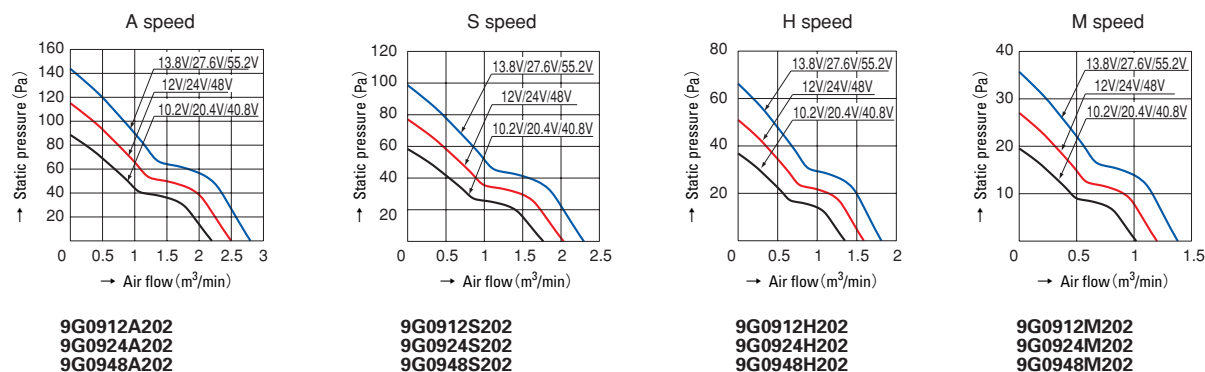
92mm

Specifications

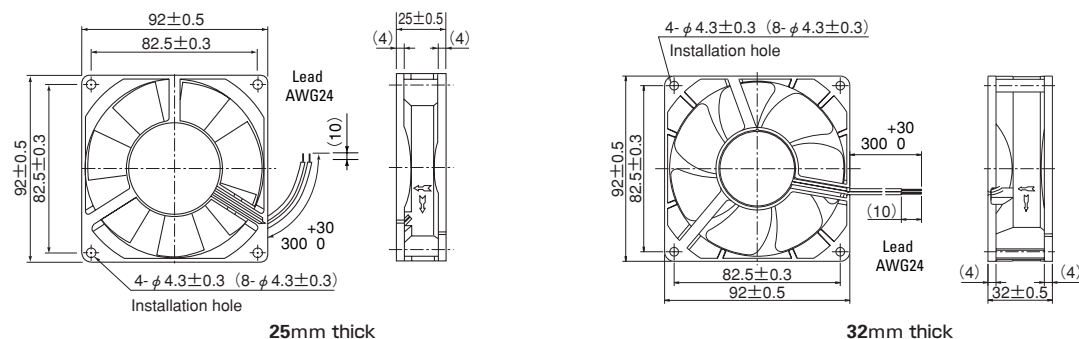
Model No	Rated voltage (V)	Operating voltage range (V)	Rated current (A)	Rated input (W)	Rated rotating speed (min ⁻¹)	Air flow (m ³ /min)	Static pressure (Pa)	Noise (dB[A])	Mass (g)
9G0912A202(2021)	12	10.2~13.8	0.58	6.96	4,300	2.50	88.3	44	170
9G0912S202(2021)			0.38	4.56	3,500	2.00	70.7	38	
9G0912H202(2021)			0.23	2.76	2,850	1.59	56.2	32	
9G0912M202(2021)			0.13	1.56	2,100	1.20	42.4	25	
9G0924A202(2021)	24	20.4~27.6	0.30	7.20	4,300	2.50	88.3	44	
9G0924S202(2021)			0.19	4.56	3,500	2.00	70.7	38	
9G0924H202(2021)			0.12	2.88	2,850	1.59	56.2	32	
9G0924M202(2021)			0.08	1.92	2,100	1.20	42.4	25	
9G0948A202(2021)	48	40.8~55.2	0.16	7.68	4,300	2.50	88.3	44	
9G0948S202(2021)			0.11	5.28	3,500	2.00	70.7	38	
9G0948H202(2021)			0.08	3.84	2,850	1.59	56.2	32	
9G0948M202(2021)			0.05	2.40	2,100	1.20	42.4	25	

The numbers in () represent ribless models.

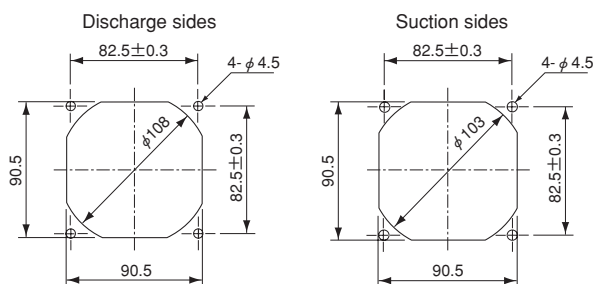
Typical air flow and static pressure characteristics



Dimensions (unit : mm)



Reference dimensional diagram for installation holes (unit : mm)



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