

DC Fan Motors

SAN ACE 60mm

PICO ACE

Silent (R type), high rotating speed

General specifications

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 +60°C (non-condensing)

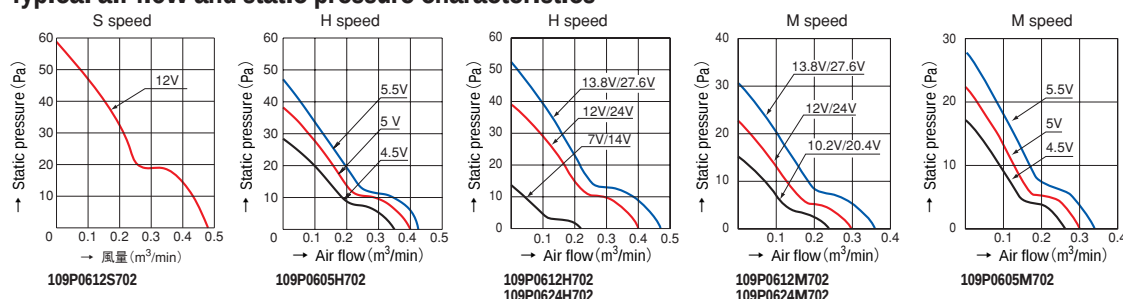
Fan power lead ······· J, G, D, S, H, F, W speeds, ⊕ red, ⊖ black
M speed, ⊕ red, ⊖ blue



15mm 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)
109P0605H702	5	4.5~5.5	0.26	1.30	4,100	0.40	14.1	38.2	60
109P0605M702			0.15	0.75	3,100	0.30	10.6	22.6	
109P0612S702			0.15	1.80	5,000	0.48	17.0	58.8	
109P0612H702	12	7~13.8	0.09	1.08	4,100	0.40	14.1	38.2	
109P0612M702			0.07	0.84	3,100	0.3	10.6	22.6	
109P0624H702			0.06	1.44	4,100	0.4	14.1	38.2	
109P0624M702	24	20.4~27.6	0.04	0.96	3,100	0.3	10.6	22.6	

Typical air flow and static pressure characteristics

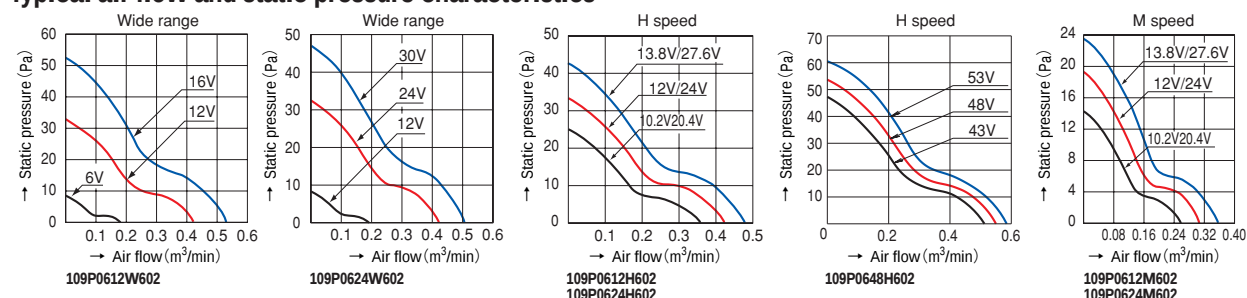


60mm

20mm 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)
109P0612W602	12	6~16	0.13	1.56	4,200	0.42	14.8	31.9	90
109P0612H602			0.13	1.56	4,200	0.42	14.8	31.9	
109P0612M602			0.09	1.08	3,200	0.30	10.6	18.8	
109P0624W602	24	12~30	0.07	1.68	4,200	0.42	14.8	31.9	
109P0624H602			0.07	1.68	4,200	0.42	14.8	31.9	
109P0624M602			0.05	1.2	3,200	0.30	10.6	18.8	
109P0648H602	48	43~53	0.07	3.36	5,600	0.55	19.4	52.92	41

Typical air flow and static pressure characteristics



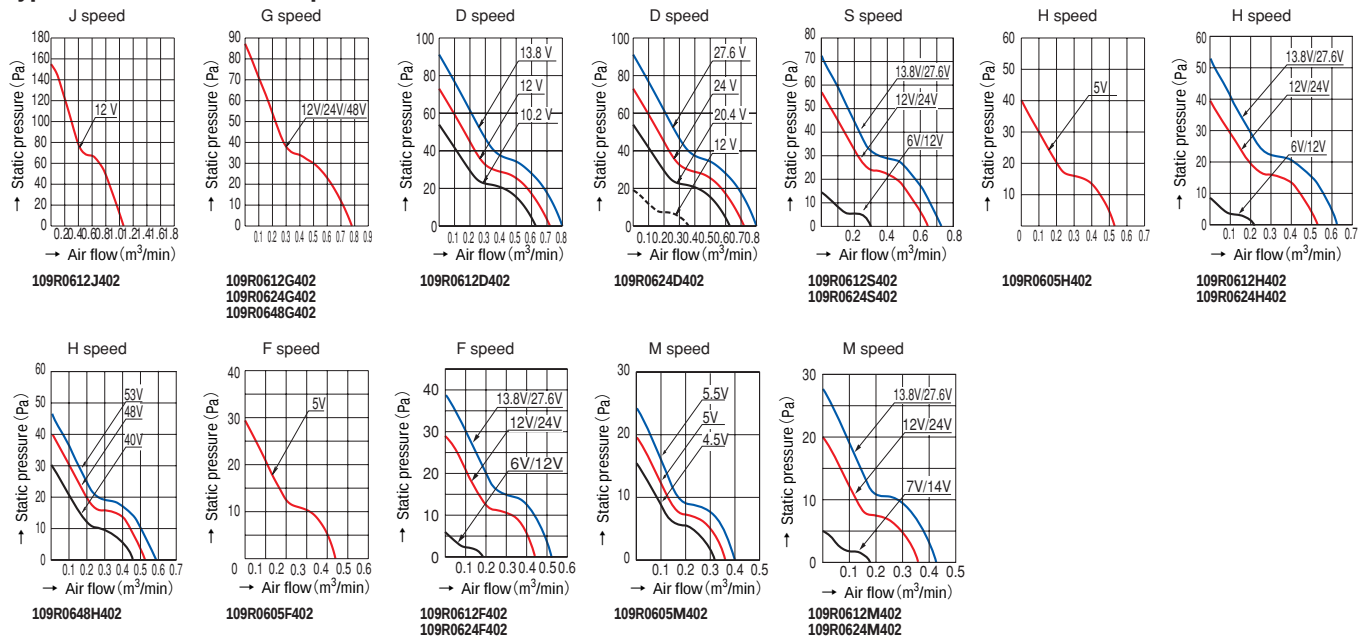
25mm thick Specifications

DC Fan Motors

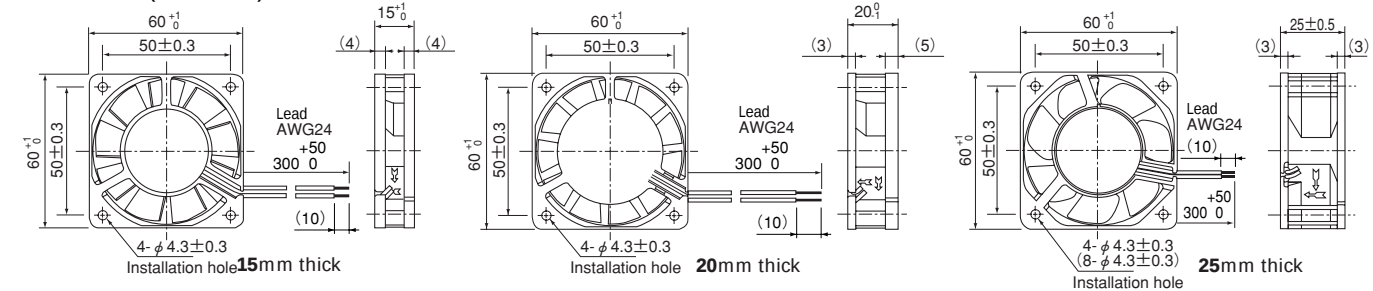
Model No	Rated voltage (V)	Operating voltage range (V)	Rated current (A)	Rated input (W)	Rated rotating speed (min ⁻¹)	Air flow (m ³ /min) (CFM)	Static pressure (Pa)	Noise (dB(A))	Mass (g)
109R0605H402(4021)	5	4.5~5.5	0.34	1.70	3,800	0.58	20.5	40.2	28
109R0605F402(4021)			0.20	1.00	3,200	0.44	15.5	29.4	24
109R0605M402(4021)			0.13	0.65	2,600	0.36	12.7	19.6	20
109R0612J402(4021)	12	10.8~13.2	0.47	5.64	7,600	1.05	37.1	155.0	44
109R0612G402(4021)			0.24	2.88	5,600	0.74	26.1	88.0	39
109R0612D402(4021)		10.2~13.8	0.21	2.52	5,150	0.72	25.4	73.5	37
109R0612S402(4021)			0.17	2.04	4,600	0.65	23.0	56.8	33
109R0612H402(4021)		6~13.8	0.11	1.32	3,800	0.53	18.7	40.2	28
109R0612F402(4021)			0.09	1.08	3,200	0.44	15.5	29.4	24
109R0612M402(4021)	24	7~13.8	0.06	0.72	2,600	0.36	12.7	19.6	20
109R0624G402(4021)			0.13	3.12	5,600	0.74	26.1	88.0	39
109R0624D402(4021)		12~27.6	0.12	2.88	5,150	0.72	25.4	73.5	37
109R0624S402(4021)			0.08	1.92	4,600	0.65	23.0	56.8	33
109R0624H402(4021)			0.06	1.44	3,800	0.53	18.7	40.2	28
109R0624F402(4021)			0.05	1.20	3,200	0.44	15.5	29.4	24
109R0624M402(4021)	48	14~27.6	0.04	0.96	2,600	0.36	12.7	19.6	20
109R0648G402(4021)		43~53	0.07	3.36	5,600	0.74	26.1	88.0	39
109R0648H402(4021)		40~53	0.04	1.92	3,800	0.53	18.7	40.2	28

The numbers in () represent ribless models.

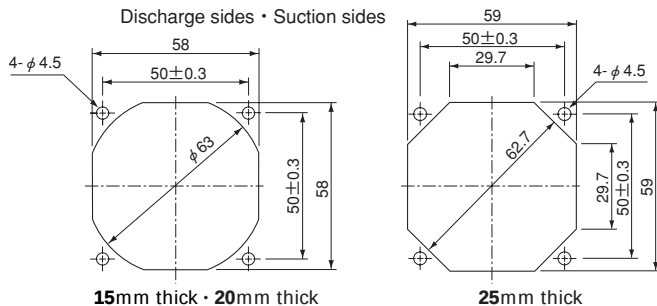
Typical air flow and static pressure characteristics



Dimensions (unit : mm)



Reference dimensional diagram for installation holes (unit : mm)



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