

DC Fan Motors

SAN ACE 140mm
SAN ACE 140



General specifications

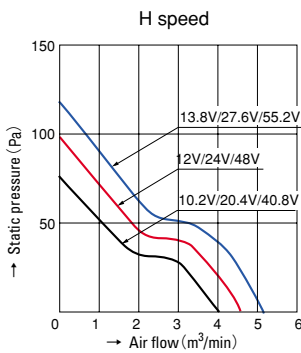
Motor protection system ···Current cut system (with reverse-connection protection)
Dielectric strength ······50/60 Hz, 500 VAC, 1 minute
(between lead conductor and frame)
Operating thermally range ···-10°C to +60°C (non-condensing)
Fan power lead ········H speed, ⊕ red, ⊖ black
M speed, ⊕ red, ⊖ blue

38mm thick

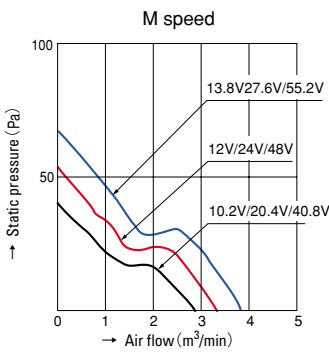
Specifications

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)
109P1412H102	12	10.2~13.8	0.73	8.76	2,600	4.5	159	94	450
109P1412M102			0.33	3.96	1,900	3.3	117	38	
109P1424H102	24	20.4~27.6	0.37	8.88	2,600	4.5	159	94	
109P1424M102			0.16	3.84	1,900	3.3	117	38	
109P1448H102	48	40.8~55.2	0.2	9.6	2,600	4.5	159	94	
109P1448M102			0.09	4.32	1,900	3.3	117	38	

Typical air flow and static pressure characteristics



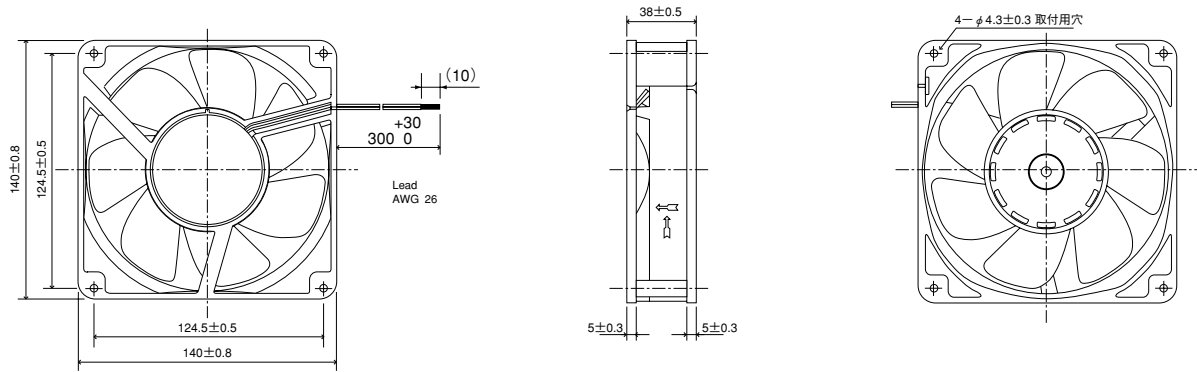
109P1412H102
109P1424H102
109P1448H102



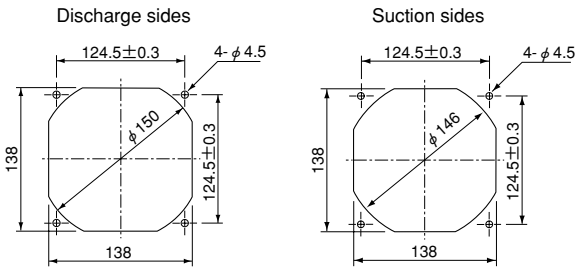
109P1412M102
109P1424M102
109P1448M102

Dimensions (unit : mm)

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Reference dimensional diagram for installation holes (unit : mm)



140mm

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