

AC Fan Motor 150×172×38t (ASEN5)



AC Fan Motor

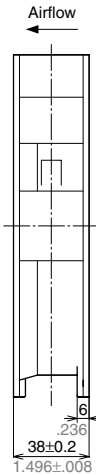
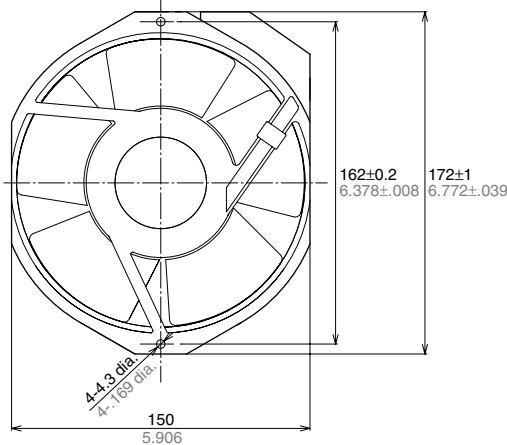
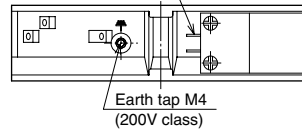
150×172×38t
(ASEN5)

DIMENSIONS (mm inch)



RoHS Directive compatibility

Equivalent to Faston #110



RATING

2 terminals type, Standard speed

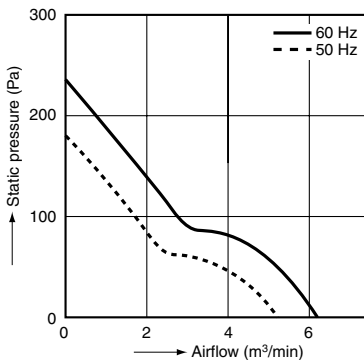
Part number	Rated voltage (V)	Frequency (Hz)	Input power, $\pm 10\%$ (W)	Rated current* ¹ (mA)	Locked current* ³ (mA)	Rotation speed* ² (r/min)	Max. air flow* ² (m ³ /min)	Max. static pressure* ² (Pa)	Noise* ³ (dB(A))	Operating voltage range (V) (%)	Weight (kg)
ASEN50751	100	50/60	37/33	470/440	750/700	2700/3200	5.0/6.0	157/215.8	52/56 (57/61)	± 10	0.8
ASEN50752	115		35/32	380/360	550/530						
ASEN50754	200		34/33	230/210	340/320						
ASEN50756	230		35/35	190/180	280/310						

*1: Designates maximum values, *2: Designates minimum values, *3: Designates average values

Notes: 1. Values above without designations are averages.

2. Noise level was measured at a distance of 1 m from side of fan. Values in brackets were measured at a distance of 1 m from front of fan.

DATA (Airflow - Static pressure Characteristic Curve)



MATERIALS USED

Frame: aluminum alloy die-casting

Propeller: plastic

Bearings: ball bearings

Terminal: Equivalent to Faston #110

Label: 100 V class...black base

200 V class...red base

SPECIFICATIONS

Ambient temperature	-10°C to +60°C +14°F to +140°F
Ambient humidity	15 to 85%RH
Storage temperature	-20°C to +70°C -4°F to +158°F
Breakdown voltage	1,500 V AC for 1 min. (between charging section and frame)
Insulation resistance	Min. 100MΩ(at 500 V DC megger)(between charging section and frame)
Insulation class	UL:A class, CSA:B class
Frequency	10 to 55Hz
Double amplitude width	0.75mm
Applied direction	X, Y and Z directions
Applied time	10 min. in each direction
Protection	Thermally protected
Mean life	MTTF: 50,000 hrs. (Time it takes until rotation frequency drops 30% of initial value when run continuously under 25°C 77°F and room humidity at the nominal voltage.)

Disclaimer

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