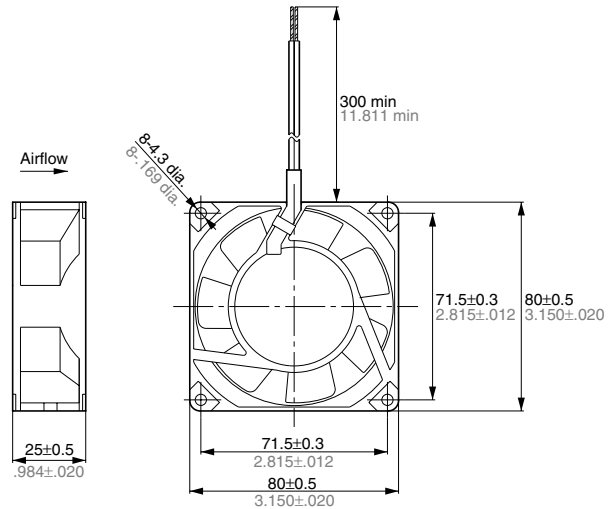


NEW



DIMENSIONS (mm inch)



RoHS Directive compatibility information
<http://www.nais-e.com/>

RATING

Lead wire type, Standard speed

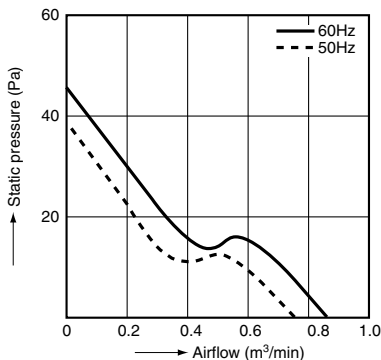
Part number	Rated voltage (V)	Frequency (Hz)	Input power, $\pm 10\%$ (W)	Rated current* ¹ (mA)	Locked current* ³ (mA)	Rotation speed* ² (r/min)	Max. air flow* ² (m ³ /min)	Max. static pressure* ² (Pa)	Noise* ³ (dB(A))	Operating voltage range (V) (%)	Weight (kg)
ASEN80211	100	50/60	6/5	90/80	95/85	2400/2750	0.74/0.85	37.5/43	28/33 (29/34)	±10	0.22
ASEN80212	115			80/70	85/75						

*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

Label: 100 V class...black base

Propeller: plastic

Bearings: ball bearings

Lead wires: UL3266 and AWG22

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	
Vibration resistance	Frequency	10 to 55Hz
	Double amplitude width	0.75mm
	Applied direction	X, Y and Z directions
	Applied time	10 min. in each direction
Protection	Impedance 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.)	