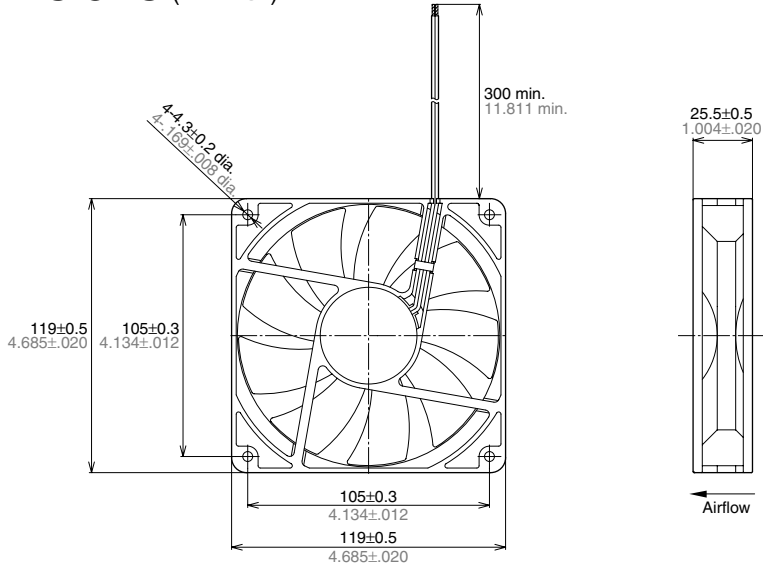


NEW



DIMENSIONS (mm inch)



RATING

1. Standard speed

Part number	Rated voltage (V)	Input power*1/*2 (W)	Rated current*1/*2 (mA)	Rotation speed (r/min)	Max. air flow (m³/min)	Max. static pressure (Pa)	Noise (dB(A))	Weight (g)
ASFN10371	12	6.24/4.80	520/400	2,500	2.85	40.9	38.5	180
ASFN10372	24	6.96/5.28	290/220					

2. Middle speed

Part number	Rated voltage (V)	Input power*1/*2 (W)	Rated current*1/*2 (mA)	Rotation speed (r/min)	Max. air flow (m³/min)	Max. static pressure (Pa)	Noise (dB(A))	Weight (g)
ASFN12371	12	3.00/2.28	250/190	1,900	2.15	24.8	31.0	180
ASFN12372	24	3.12/2.40	130/100					

3. Low speed

Part number	Rated voltage (V)	Input power*1/*2 (W)	Rated current*1/*2 (mA)	Rotation speed (r/min)	Max. air flow (m³/min)	Max. static pressure (Pa)	Noise (dB(A))	Weight (g)
ASFN14371	12	1.92/1.44	160/120	1,600	1.80	17.9	27.0	180
ASFN14372	24	2.40/1.92	100/80					

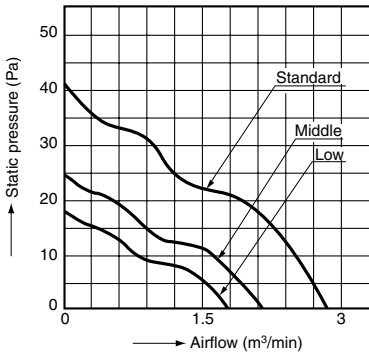
Notes: 1. Values above without designations are averages.

2. Noise levels are based on measurements taken at a distance of 1 m from the front of the fan.

*1: Designates maximum values

*2: Designates average values

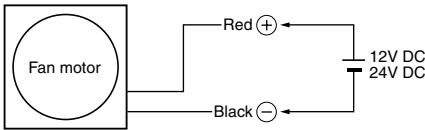
DATA (Airflow - Static pressure
Characteristic Curve)



MATERIALS USED

Frame: plastic
Propeller: plastic
Bearings: ball bearings
Lead wires: UL1007 and AWG24

WIRING DIAGRAM



SPECIFICATIONS

Ambient temperature		-10°C to +60°C +14°F to +140°F
Ambient humidity		15 to 85% RH
Temperature rise		Coil surface: Max. 50 °C 122°F (Nominal voltage, by resistive method) External surface: Max. 20°C 68°F (Nominal voltage, by thermocouple method)
Breakdown voltage		500 V AC for 1 min. (between lead wire and external housing)
Insulation resistance		Min. 10 MΩ (at 500 V DC)
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
Lead wire tensile strength		9.8 N, single wires did not break at 15 seconds
Fan blockage		No coil burnout even after blockage of 72 hrs. at nominal voltage.
Reverse polarity power connection		No damage even after reverse polarity connection for short time at nominal voltage.
Expected life		90% survival rate at 100,000 hrs. (When rotation frequency drops 30% of initial value when run at nominal voltage under 25°C 77°F, room humidity.)