

Axial Fan

**RoHS
Compliant**



Specifications:

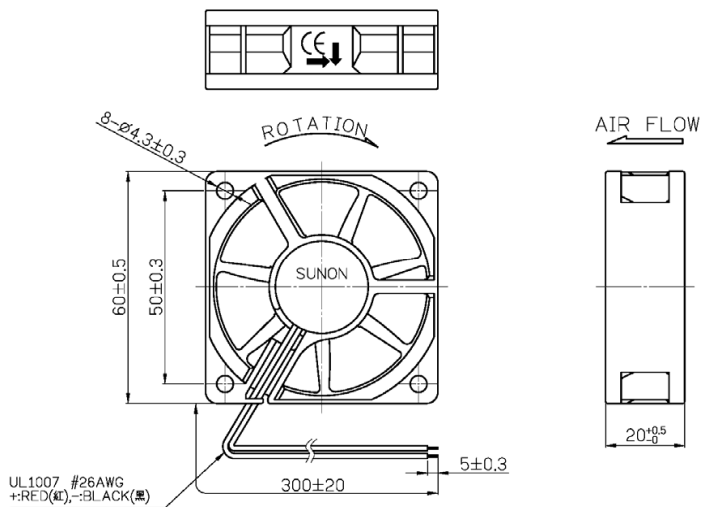
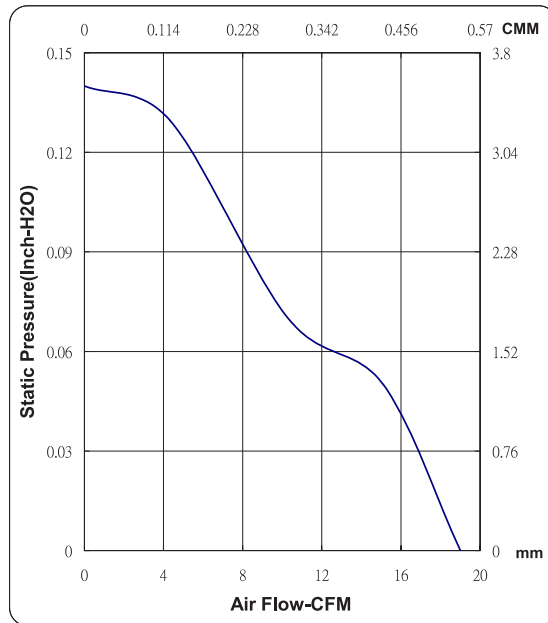
Mechanical Characteristic	
Motor design	2 phases, 4-poles brushless DC motor
Bearing system	Vapo bearing system
Materials of frame	Thermoplastic PBT
Materials of fan blade	Thermoplastic PBT
Direction of rotation	Counter-clockwise viewed from front of fan Blade
Mounting holes	Diameter 4.3mm in 8 holes
Weight	51g

Electric Characteristic	
Rated voltage	24V DC
Rated current	48mA / max. 56mA
Rated power consumption	1.16W / max. 1.35W
Operating voltage range	12 to 27.6V DC
Starting voltage	12V DC (25°C power on/off)
Operating temperature range	-10°C to +70°C
Storage temperature range	-40°C to +70°C

Performance Characteristic	
Rated speed	3,700RPM \pm 15% at rated voltage
Air flow	19CFM
Static pressure	0.14"-H ₂ O
Acoustic noise	28dB(A)
Insulation resistance plastic housing	500M Ω at 500V DC between internal stator and lead wire(+)
Dielectric strength	Applied AC 500V for one minute or AC 600V for 2 seconds between housing and lead wire (+)
Life expectancy	60,000 Hours at 40°C, 65% Humidity, 90% CL.
Protection	Automatic Restart*
	Polarity Protection

*Note: In a situation where the fan is locked by an external force while the electricity is on, an increase in coil temperature will be prevented by temporarily turning off the electrical power to the motor. The fan will automatically restart when the locked rotor condition is released.

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Dimensions : Millimetres

Part Number Table

Description	Part Number
Axial Fan, 60mm, 19CFM	MC36296