

Axial DC Fan - Ball Bearing

115V AC, 171mm x 151mm x 51mm

multicomp^{PRO}

**RoHS
Compliant**

Characteristics

Motor Design	: Reliable Alveolate Motor Construction.
Insulation Resistance	: 500 MΩ minimum at 500V DC.
Dielectric Strength	: 1800V AC for one second.
Motor Protection	: Thermal protected.
Noise Level	: Measured in a semi-anechoic chamber with background noise level below 15 dB(A). The fan is running in free air with the microphone at a distance of one meter from the fan intake.
Tolerance	: ±15% on rated power and current.
Air Performance	: Measured by a double chamber. The values are recorded when the fan speed has stabilized at rated voltage.

Specification

Rated Voltage	: 115V AC 50/60 Hz
Operating Voltage Range	: 75V AC to 125V AC
Starting Voltage	: 75V AC (25°C Power ON/OFF)
Rated Speed	: 2800/3200 RPM ± 10%
Air Delivery	: 203/239 CFM
Static Pressure	: 0.62/0.69 Inch-H ₂ O
Rated Current	: 0.22/0.23 AMP
Rated Power	: 25/27 Watts
Noise Level	: 51/58 dB(A)
Direction of Rotation	: Clockwise viewed from front of fan blade
Operating Temperature	: -10°C to +70°C
Storage Temperature	: -40°C to +70°C
Bearing System	: Precision ball bearing system
Weight	: 908 g
Safety	: UL/CUR/ TUV/CE Approvals
Protection	: Automatic Restart Capability

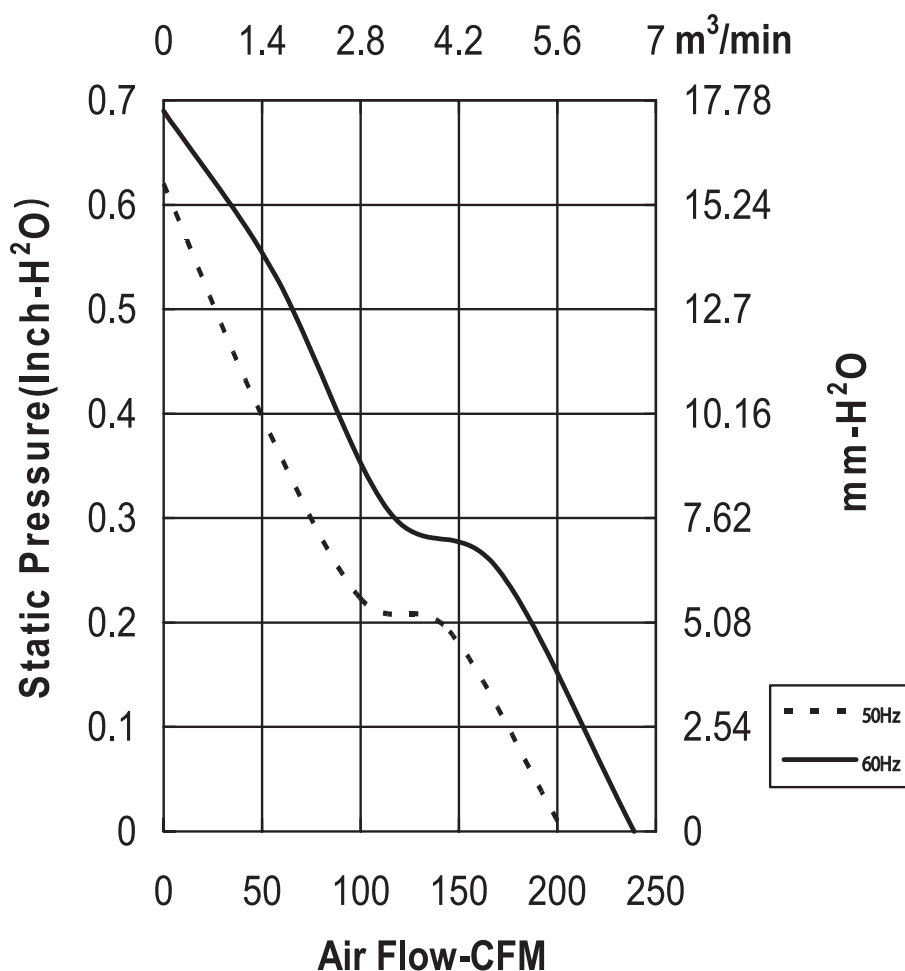
Note: In a situation where the fan is locked by an external force while the electricity is on, an increase in coil temperature will be prevented by temporarily turning off the electrical power to the motor. The fan will automatically restart when the locked rotor condition is released.

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Performance Curves



Material

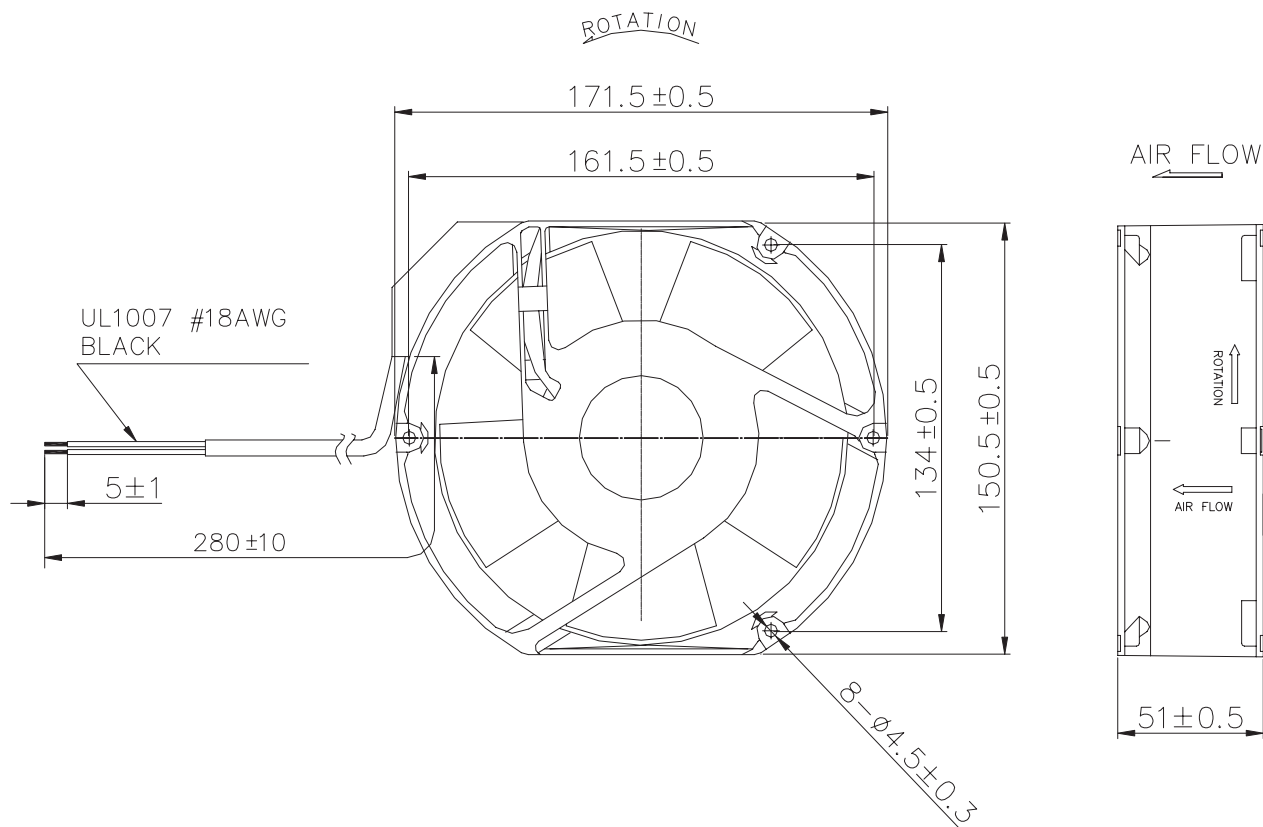
2-1. Frame	: DIE-Cast Aluminum
2-2. Impeller	: PC of UL 94V-0
2-3. Lead Wire	: UL1007, 18 awg, Black

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Dimensions



Dimensions : Millimetres

Part Number Table

Description	Part Number
Axial DC Fan, Ball Bearing, 115V AC, 171mm x 151mm x 51mm, 2 Wire Leads	MP006478

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