

Axial DC Fan

12V, Ball Bearing, 120mm × 120mm × 25mm

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RoHS
Compliant

Electrical Characteristics

Rated Voltage	: 12 Volts
Operation Voltage	: 7 Volts to 13.8 Volts
Input Current	: 0.6A Max.
Input Power	: 7.2W Max.
Rotation Speed	: 3100 RPM ±10%
Acoustical Noise	: 46.4dB(A) ±10%
Max. Air-Flow	: 101.1 CFM ±10%
Max. Air-Pressure	: 6.1mmH ₂ O ±10%
Starting Voltage	: 7 Volts
Insulation Resistance	: 10MΩ MIN. at 500V DC
Dielectric Strength	: 5mA Max. at 500V AC 60Hz, for 1 Minute
Rotation	: CCW view from name plate side
Air-Flow Direction	: Air intake over the struts
Insulation Rank	: Class A
Life Expectancy	: 50000 Hours Continuous
Output Signal	: Frequency Generator
Safety Approval	: CE; IP55

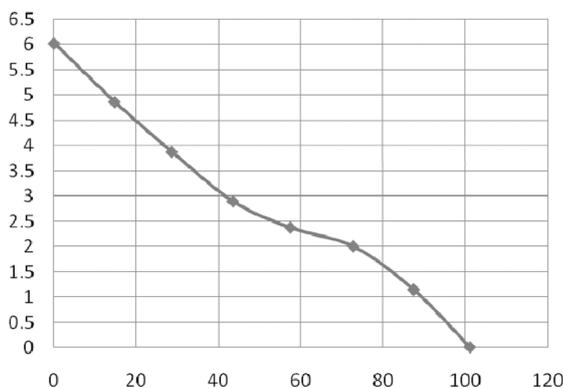
Mechanical Characteristics

Frame	: Plastic PBT UL: 94V-0 Rating + Fibre Glass
Fan Blade	: Plastic PBT UL: 94V-0 Rating + Fibre glass
Bearing System	: Ball Bearing
Lead Wire	: 007 AWG # 24

Environmental Characteristics

Operating Temperature	: -10°C to +70°C
Storage Temperature	: -40°C to +70°C
Frequency	: 10Hz to 55Hz
Amplitude	: 4mm

Fan Performance Curve



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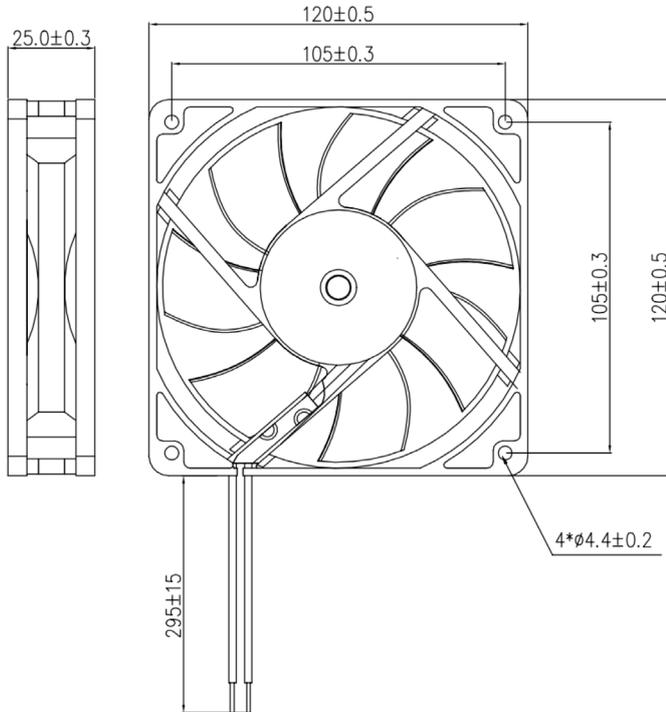
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Dimensions



Dimensions : Millimetres

Part Number Table

Description	Part Number
Axial DC Fan, 12V, Ball, 3100 RPM, 2 Wires	MP001242

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