

RoHS
Compliant

Specification

Rated Voltage	: 5V DC
Operating Voltage	: 4.5V DC to 5.8V DC
Starting Voltage	: 4.5V DC (Power ON/OFF at 25°C)
Rated Current (AVG.)	: 0.18 / MAX. 0.225 A
Rated Power (AVG.)	: 0.9 / MAX. 1.13 W
Safety Power Consumption	: 0.94 W
Max Peak Voltage Protection In 30 Second	: 27V MAX
Rated Speed	: 8000 RPM + 5% In Free Air At Rated Voltage
Airflow At Zero Static Pressure	: Nominal 11 / MIN. 10.2 CFM
Static Pressure At Zero Airflow	: Nominal 0.31 / MIN. 0.27 inch-H ₂ O
Acoustical Noise (AVG.)	: Nominal 30.5 / MAX. 34.3 dB(A)
Insulation Type	: UL Class A
Insulation Resistance	: 10MΩ MIN. At 500V DC Between Frame And (+) Terminal
Dielectric Strength	: 5mA Max. At AC 500V AC 50/60 Hz One Minute Between Frame And (+) Terminal
Life Expectancy	: 70,000 Hours At 40°C, 65% Humidity, 90% CL.
Direction of Rotation	: Counter-Clockwise From Blade Side
Ingress Protection	: IP52
AECQ	: 100
EMC	: CISPR 25 CLASS 2

Mechanical

Bearing System	: Precise Vapo Bearing System
Materials of Frame	: Thermoplastic PBT of UL 94V-0
Materials of Fan Blade	: Thermoplastic PBT of UL 94V-0
Weight	: 27 Grams

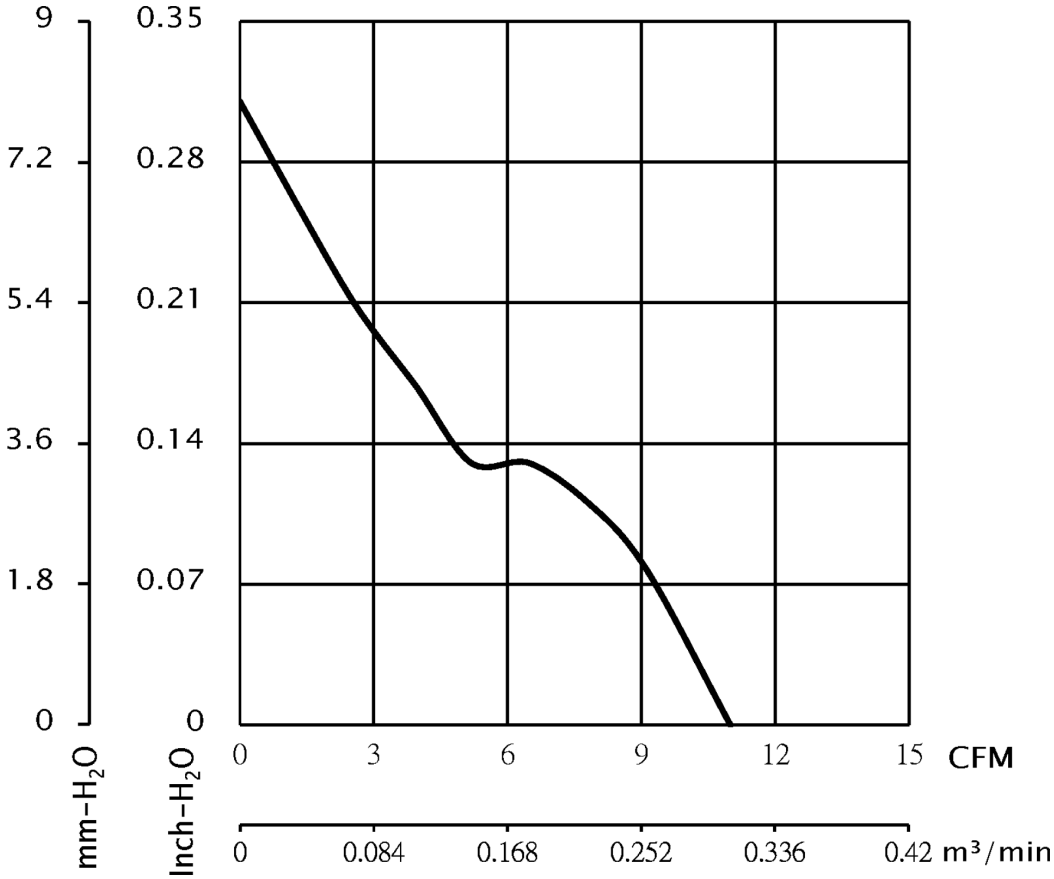
Environmental

Operating Temperature Range	: -40°C to +90°C
Storage Temperature Range	: -40°C to +90°C
Operating Humidity Range	: 5 to 90% RH
Storage Humidity Range	: 5 to 90% RH
Noise Level	: < 15dB(A).

Protection

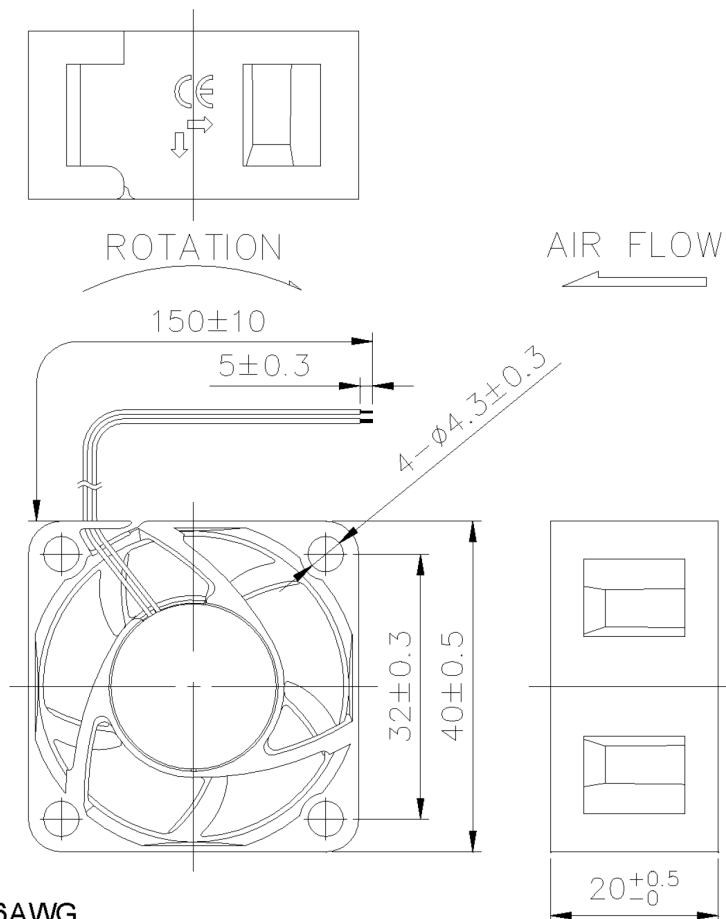
- Automatic Restart
Note: The Motor Will Shut Down When Rotor Was Locked, Then Auto Restart Within 10 Seconds
- Polarity Protection

Air Flow & Static Pressure Curve



Dimensions

Screw Type (Pan Head)	Torque	Screw Spec.	
		Size	Standard
Machine Screw	3~4 kgf-cm	M4	JIS B1111-1974
Self-Tapping Screw	6~8 Kgf-cm	φ5	JIS B1122 TYPE 2



NOTE:

1. LEAD WIRE: UL3265 #26AWG
 RED WIRE-----(+)
 BLACK WIRE-----(-)
2. FRAME TYPE: RIB

Part Number Table

Description	Part Number
DC Axial Fan, 40mm × 40mm × 20mm, 5V DC IP52	MP013559

Dimensions : Millimetres

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