

RoHS
Compliant



Specification

Rated Voltage	: 12V DC
Operating Voltage	: 6V DC to 13.8V DC
Starting Voltage	: 6V DC (Power On/Off At 25°C)
Rated Current (Avg.)	: 0.195 / Max. 0.225A
Rated Power (Avg.)	: 2.34W / Max. 2.7W
Safety Power Consumption	: 2.72W
Rated Speed	: 7500 rpm ±15% In Free Air At Rated Voltage
Airflow At Zero Static Pressure	: Nominal 36 / Min. 25.3 CFM
Static Pressure At Zero Airflow	: Nominal 0.56 / Min. 0.44 Inch-H ₂ O
Acoustical Noise (Avg.)	: Nominal 41.7 / Max. 46.8 dB(A)
Insulation Type	: UL Class A
Insulation Resistance	: 10m Ω Min. At 500V DC Between Frame And (+) Terminal
Life Expectancy	: 70,000 Hours At 40°C With 15-65% RH.
Direction Of Rotation	: Counter-Clockwise From Blade Side

Mechanical

Bearing System	: Precise Ball Bearing System
Materials of Frame	: Thermoplastic PBT of UL 94V-0
Materials of Fan Blade	: Thermoplastic PBT of UL 94V-0
Weight	: 65 Grams

Environmental

Operating Temperature Range	: -10°C to +70°C
Storage Temperature Range	: -40°C to +70°C
Operating Humidity Range	: 5 to 90% RH
Storage Humidity Range	: 5 to 95% RH

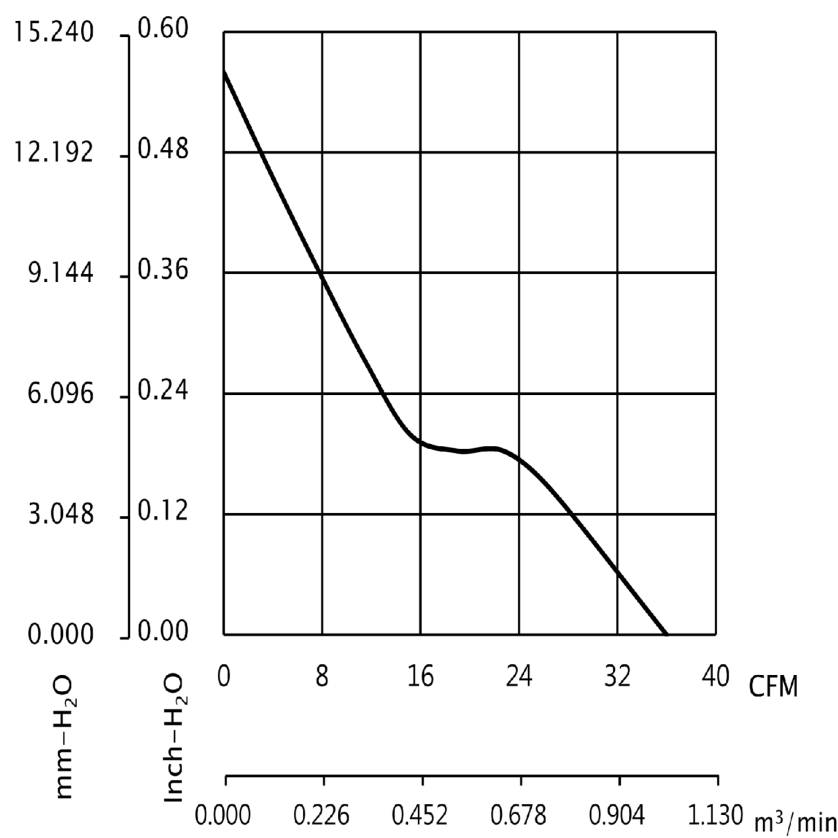
Protection

- Automatic Restart

Note: The Motor Will Shut Down When Rotor Was Locked, Then Auto Restart Within 10 Seconds.

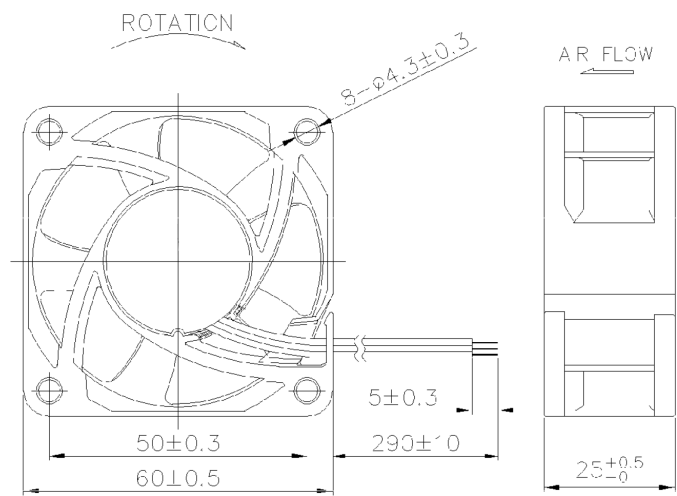
- Polarity Protection

Air Flow & Static Pressure Curve



Dimensions

Screw Type (Pan Head)	Torque	Screw Spec.	
		Size	Standard
Machine Screw	3~4 kgf-cm	M4	JISB1111-1974
Self-Tapping Screw	5~6 kgf-cm	Φ5	JISB1122 Type 2



NOTE:
1. LEAD WIRE: UL 007 #26AWG
RED WIRE-----(+)
BLACK WIRE-----(-)
WHITE WIRE (RD)
2. FRAME TYPE: FLANGE

Part Number Table

Description	Part Number
DC Axial Fan, High Speed, 12V DC, 60mm × 60mm × 25mm	MPPF60251B1-10000-F99

Dimensions : Millimetres

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