

# Axial AC Fan



**RoHS  
Compliant**



## Characteristics

Motor Design	Reliable Alveolate Motor Construction
Insulation Resistance	500MΩ min. at 500V DC
Dielectric Strength	1,800V AC for one second
Motor Protection	Thermal protected and class B (II)
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.

## Specifications

Rated Voltage	220-240V AC 50/60 Hz
Operating Voltage Range	150V AC to 250V AC
Starting Voltage	150V AC (25°C, Power On/Off)
Rated Speed	2,800 / 3,250 RPM ±10%
Air Delivery	315 / 335 CFM
Static Pressure	0.65 / 0.8 Inch - H <sub>2</sub> O
Rated Current	0.11 / 0.15 AMP
Rated Power	23 / 30 Watts
Noise Level	62 / 66 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	1960g
Safety	UL/CUR/CE Approvals
Vibration	Vibration of acceleration 1.5G and frequency 5~50~5Hz is applied in all 3 directions (X, Y, Z) in cycles of 1 minute each, for a total vibration time of 30 minutes.

## Material

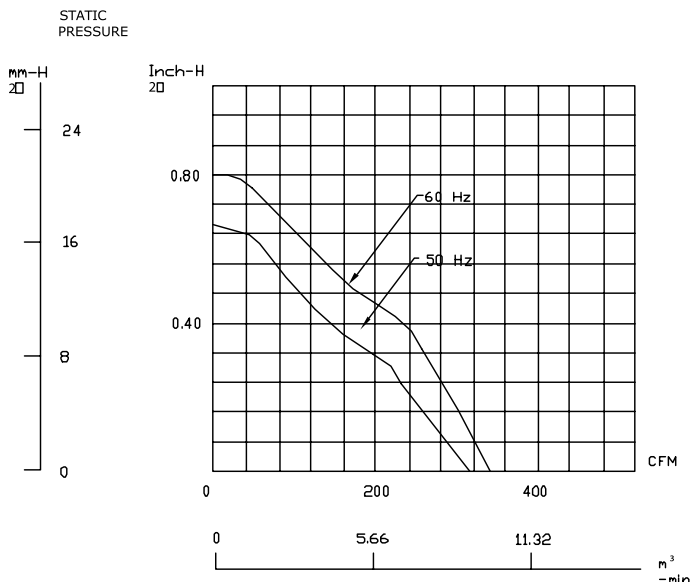
Frame	Die-Cast Aluminium
Impeller	PC of UL94V-0
Lead Wire	UL1007, 18AWG, Black



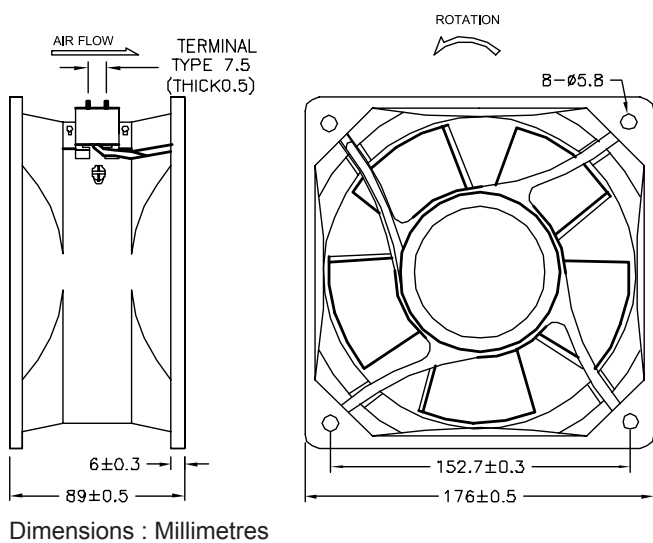
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## Performance Curves



## Diagram



## Part Number Table

Description	Part Number
Axial AC Fan	MC25028

