

DC Axial Fan



Specifications:

Mechanical Characteristic	
Motor design	2 phases, 4-poles Brushless DC motor
Bearing system	Vapo Bearing System
Dimensions	60mm × 60mm × 15mm
Materials of frame	Thermoplastic PBT
Materials of fan blade	Thermoplastic PBT
Direction of rotation	Counter-clockwise viewed from front of fan blade
Mounting holes	Diameter 4.3mm in 8 holes
Weight	42.8g

Electric Characteristic	
Rated voltage	12V DC
Rated current	130mA / Max. 150mA
Rated power consumption	1.56 Watts / Max. 1.80 Watts
Operating voltage range	4.5V DC to 13.8V DC
Starting voltage	4.5V DC (25°C power on/off)
Operating temperature range	-10°C to +70°C
Storage temperature range	-40°C to +70°C

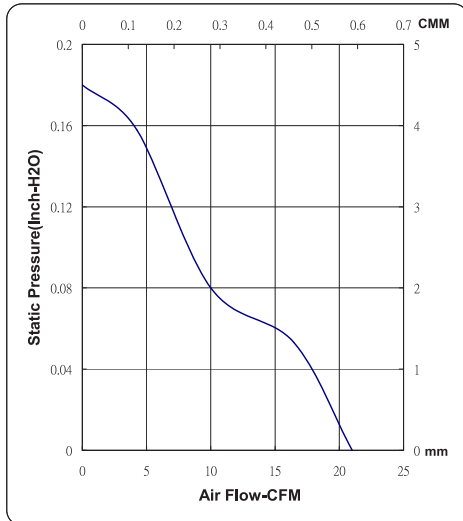
Performance Characteristic	
Rated speed	4,300 RPM ±15% at rated voltage
Air flow	21CFM
Static pressure	0.18"-H ₂ O
Acoustic noise	36dB(A)
Insulation resistance plastic housing	500MΩ at 500V DC between internal stator and lead wire(+)
Dielectric strength	Applied AC 500V for one minute or AC 600V for 2 seconds between housing and lead wire (+)
Life expectancy	60,000 Hours at 40°C, 65% Humidity, 90% CL.
Protection	*Automatic Restart
	Polarity Protection

*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.

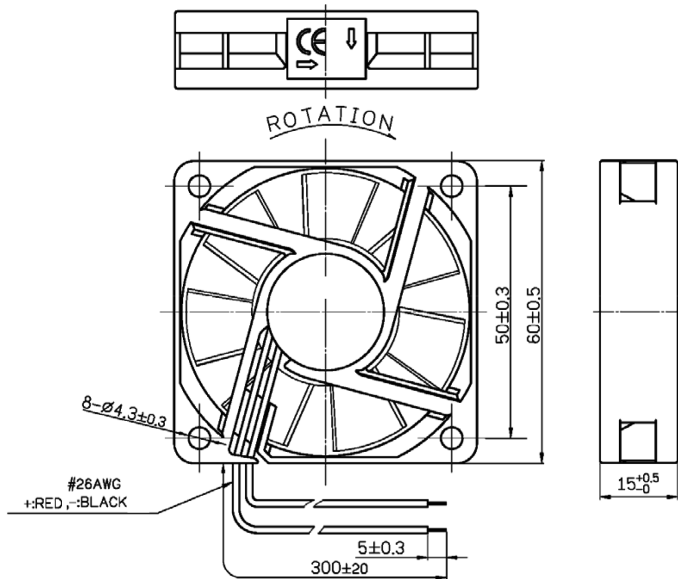
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Performance Curves



Dimensions



Part Number Table

Description	Part Number
DC Axial Fan	MC36354

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