

DC Brushless Fan



RoHS
Compliant



Specifications:

Mechanical Characteristic	
Motor design	2 Phases, 4-poles Brushless DC motor
Bearing system	Precision ball bearing system
Dimensions	80mm × 80mm × 25mm
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	75g

Electric Characteristic	
Rated voltage	12V DC
Rated current	90mA
Rated power consumption	1.1 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

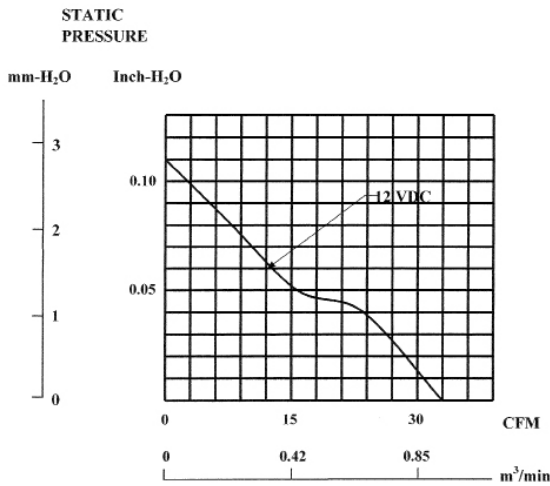
Performance Characteristic	
Rated speed	2,600 RPM ±10% at rated voltage
Air flow	33CFM
Static pressure	0.11"-H ₂ O
Acoustic noise	28dB(A)
Insulation resistance plastic housing	10MΩ at 500V DC between internal stator and lead wire(+)
Dielectric strength	Applied AC 500V for one minute or AC 600V for 2 seconds between housing and lead wire (+)
Life expectancy	70,000 Hours at 40°C, 65% Humidity, 90% CL.
Protection	Automatic Restart
	Polarity Protection



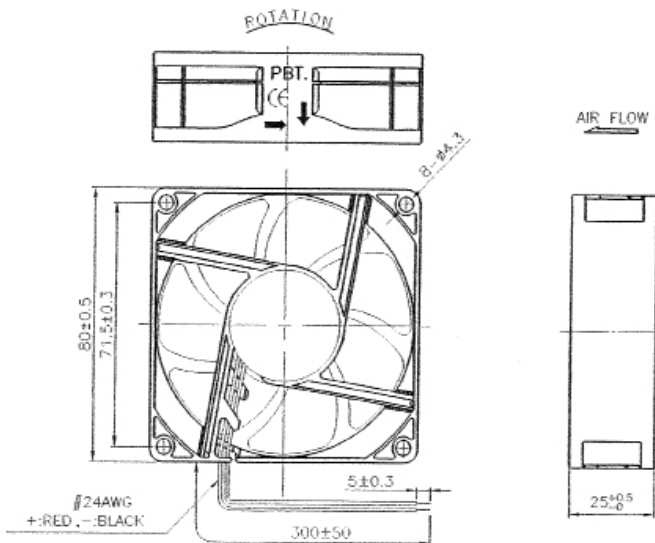
DC Brushless Fan



Performance Curves



Dimensions



Dimensions : Millimetres

Part Number Table

Description	Part Number
DC Brushless Fan	MC32914

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