Brushless DC Fan - Ball Bearing 48V DC, 60mm × 60mm × 25mm



RoHS Compliant

Specifications

Mechanical Characteristic

Motor Design	Single phase, 4-poles Brushless DC motor		
Bearing System	Precision Ball Bearing System		
Materials of Frame	Thermoplastic PBT of UL 94V-0		
Materials of Fan Blade	Thermoplastic PBT of UL 94V-0		
Direction Of Rotation	Counter-Clockwise Viewed From Front of Fan Blade		
Mounting Holes	Diameter 4.3mm in 8 holes		
Weight	78g		

Electric Characteristic

Rated Voltage	48V DC		
Rated Current	110mA		
Rated Power Consumption	5.28 Watts		
Safety Power Consumption	5.76 Watts / 5.18 Watts		
Operating Voltage Range	36V DC to 72V DC		
Starting Voltage	36V 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	8100 RPM ± 10% At Rated Voltage			
Air Flow	37.5 CFM (Nominal)			
Static Pressure	0.73 Inch-H ₂ O (Nominal)			
Acoustic Noise	49.5 dB(A) (Nominal)			
Insulation Class	UL Class 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 Note:The motor will shut down when rotor was locked, then auto restart within 10 seconds			
	Polarity Protection			

Safety

SAFETY	UL	CUR	TUV	CE	ccc
NO.	E77551	E77551	√	√	√

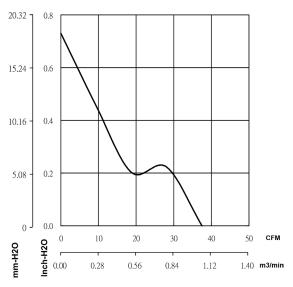
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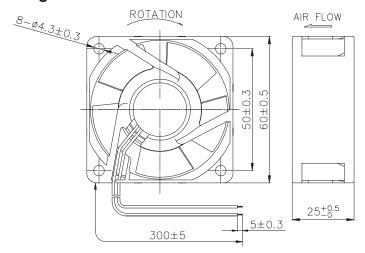
Brushless DC Fan - Ball Bearing 48V DC, 60mm × 60mm × 25mm



Performance Curves



Diagram



Part Number Table

Description	Part Number	
Brushless DC Fan, Ball Bearing, 48V DC, 60mm × 60mm × 25mm, 2 Wire Leads	MP006509	

Dimensions: Millimetres

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