

Brushless DC Axial Fan



Features

- Smooth and efficient air flow
- Impedance protected motor
- Dual ball double sealed bearing system
- Ideal for industrial application



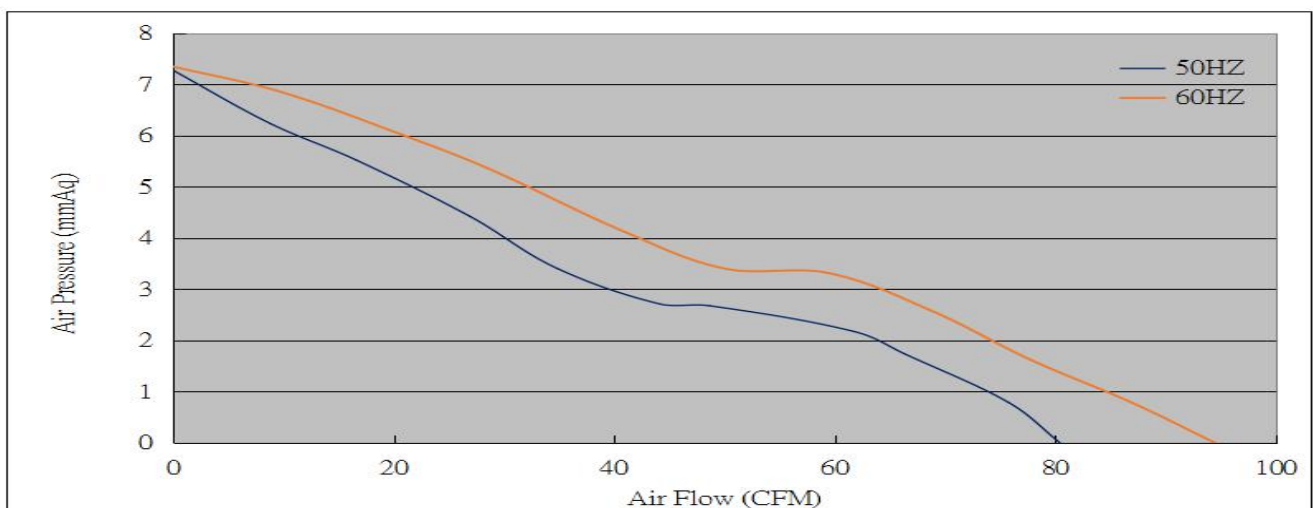
Mechanical Specification

Housing Material	Aluminium
Bearing	Dual Ball Bearing
Termination Type	2-Pin Stranded Wire
Impeller	5 Blades, Black PBT, Glass Fiber Reinforce, UL94V-0
Dimensions	120 x 120 x 38 mm
Motor Structure	Shaded Pole
Weight	540 g

Electrical Characteristics	In Free Air	At Rated Voltage
Rated Voltage	220 V / 50 Hz	220 V / 60 Hz
Rated Current	120 mA (150 mA max.)	100 mA (120 mA max.)
Label Current	110 / 120 mA	
Rated Input Power	17.4 W \pm 10%	15.4 W \pm 10%

Efficiency	In Free Air	At Rated Voltage
Rated Speed	2650 rpm \pm 10%	3000 rpm \pm 10%
Maximum Airflow	80.37 CFM (72.33 min.)	94.4 CFM (84.96 min.)
Maximum Static Air Pressure	7.27 mmAq (5.88 min.)	7.35 mmAq (5.95 min.)

Performance Curve



Test Conditions: (1).Rated Voltage;(2).Room Temperature, 65% Humidity

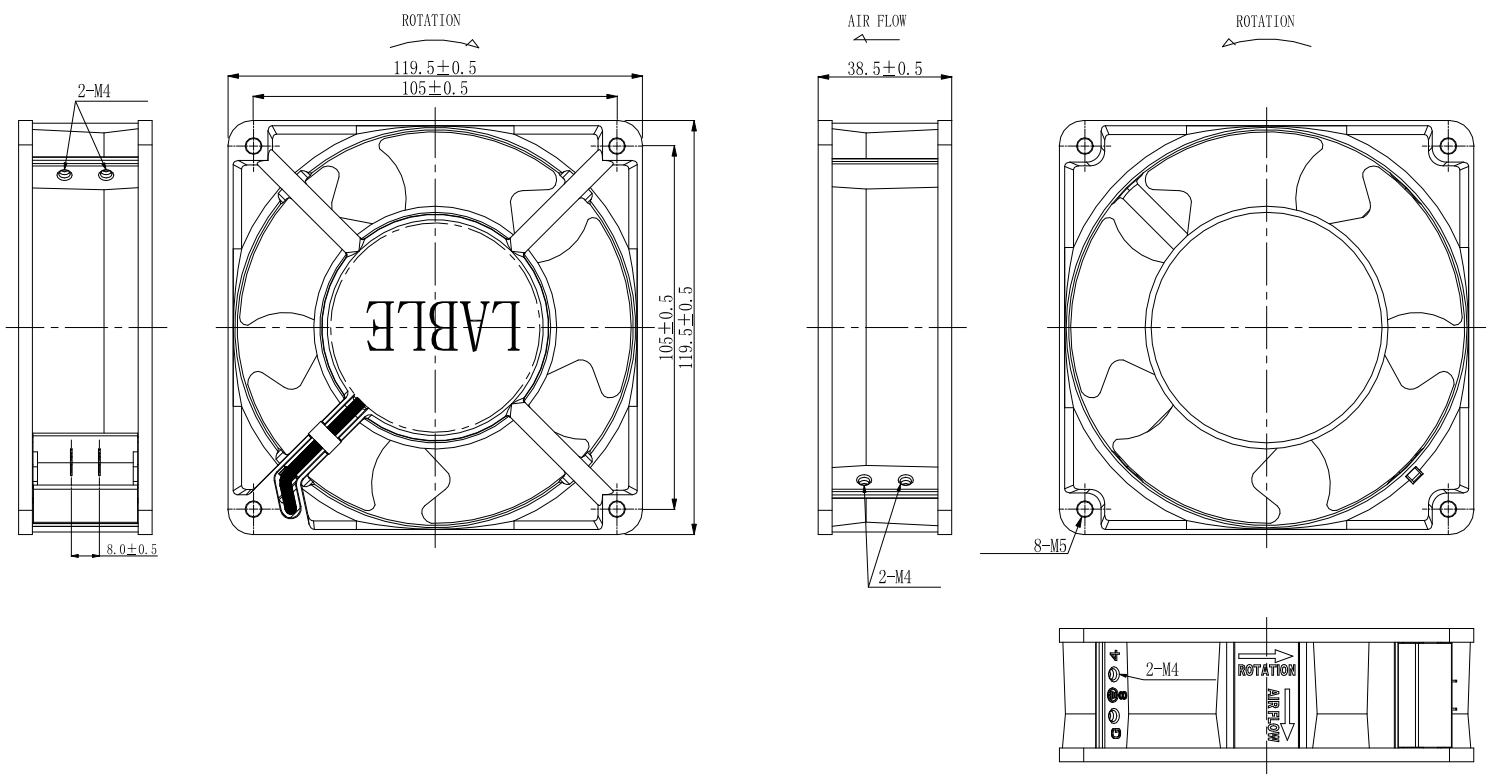
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Characteristics

Operating Voltage	198 ... 242 V
Starting Voltage	175 V
Locked Current	150 mA
Operating Temperature	-10 ... 70°C
Storage Temperature	-20 ... 80°C
Insulated Type	Class B (130°C)
Safety Standard	UL, cUL, CCC, CE, RoHS, TUV
Motor Protection	Impedance Protected
Noise Level	44.3 dBA (47.3 max.)
Environment Humidity	10 %(RH)45°C for 24 hours & 98% (RH) 45°C for 24 hours
Insulation Resistance	10 MΩ @ 500 VDC
Dielectric Strength	2000 VAC / 1mA for 1 min.
Service Life	50000 hours.
Tensile Strength of Connector	1 kg for 15 sec.

Drawing



Art Nr.
RND 460-00089