



PRODUCT SPECIFICATION

A. General Specification

Item		Specification	Condition
1	Model No.	AC17051	
2	Outline Dimension	Ø170 x 51 mm	
3	Rated Voltage	AC 230 V	
4	Starting Voltage	AC 60V	
5	Frequency	50 / 60Hz	
6	Rated Current	0.11 / 0.15 A	At Rated Voltage, 25°C, 65% RH
7	Power Consumption	26 / 32 W	At Rated Voltage, 25°C, 65% RH
8	Speed	2800 / 3350 RPM	At Rated Voltage, 25°C, 65% RH Free Air
9	Max. Airflow	190 / 235 CFM	At Rated Voltage AMCA Standard
10	Max. Static Pressure	16 / 21 mmH ₂ O	At Rated Current
11	Noise Level	55 / 59 dB(A)	At Rated Voltage Measured in a non-echo Chamber CNS 8753 Standard ISO 3744 Test Condition
12	Life	50,000/hrs at 25°C	MTBF (Mean Time Between Failures) Conf. Level 90%
13	No. of Blade	5 Blades	
14	No. of Pole	2 Poles	
15	Rotating Direction	Counter-Clockwise View From Label Side	
16	Tolerance	? 10%	At Rated Voltage
17	Weight	875 g	
18	Motor Type	AC Induction Capacitor Motor	

B. Main Materials / Parts Specification

Materials / Parts		Specification
1	Plastic Material / Blade, Housing, Bobbin	UL 94V-0, P.B.T. + 30% GF Black
2	Bearing	Ball Bearing
3	Terminal	2 Pins, 7.62x3.05x0.51mm (LxWxH)
4	Connector	

C. Safety Approvals :

Safety Approvals	File No.	Safety Approvals	File No.
CE		UL	

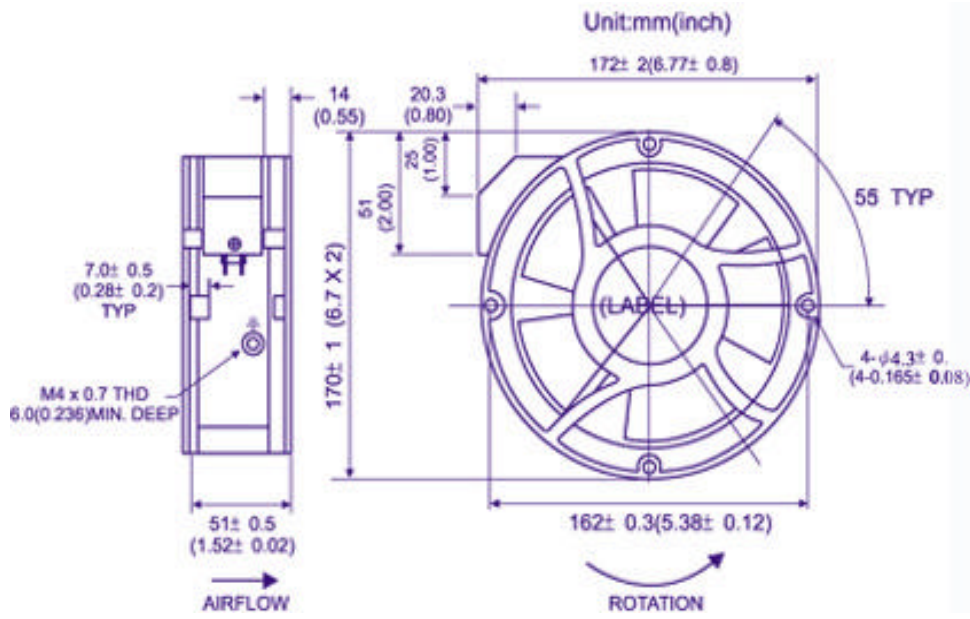
D. Environmental Specification

Item		Specification / Condition
1	Operating Temp. Range	Temperature : -20°C ~ + 80°C Humidity : 35% - 85% RH
2	Storage Temperature	Temperature : -40°C ~+ 80°C Humidity : 35% - 85% RH
3	Humidity	Per MIL-STD 202F Method 103B; Life: 96 hours; Humidity : 95% RH; Temperature: 40 ? 2°C
4	Thermal Shock	Per MIL-STD 202F Method 107D, Condition D
5	Insulation Shock	UL: Class B
6	Packing Vibration Test	Packing Condition: X, Y, Z 3directions, 1.1 G load vibration test for 30 min.
7	Packing Shock Proof Test	1 corner, 3 edges, 6 faces natural drop from 60 cm high packing

E. Electrical Specification

Item		Specification/Condition
1	Insulation Resistance	100M Ω between frame and unshielded wire at 500VDC/min
2	Dielectric Strength	Withstand at 1.5K VAC, 60Hz for 1 minute between frame and terminal
3	Locker Rotor Protection	
4	Polarity Protection	

F. Outline Dimension UNIT: mm



G. Fan Performance Curve

