



PRODUCT SPECIFICATION

A. General Specification

Item		Specification	Condition
1	Model No.	KLA230AP120ASTH	
2	Outline Dimension	120X120X38	
3	Rated Voltage	AC 230 V	
4	Starting Voltage	AC 160V	
5	Frequency	50 / 60Hz	
6	Rated Current	0.135 MAX / 0.110 A MAX	At Rated Voltage, 25°C, 65% RH
7	Power Consumption	22 W MAX / 19 W MAX	At Rated Voltage, 25°C, 65% RH
8	Speed	2650±10% 3000±10%	At Rated Voltage, 25°C, 65% RH Free Air
9	Max. Airflow	89±10% 100±10% 151/170M ³ /h	At Rated Voltage AMCA Standard
10	Max. Static Pressure	6.0±10% 7.6±10%	At Rated Current
11	Noise Level	46±10% 48±10%	At Rated Voltage Measured in a non-echo Chamber CNS 8753 Standard ISO 3744 Test Condition
12	Life	37000/hrs at 30°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	500 g	
18	Motor Type	Shaded pole 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	SLEEVE BEARING
3	Terminal	Leader wire or terminal solder tags 2,8x0,5mm
4	Connector	Available

C. Safety Approvals :

Safety Approvals	Safety Approvals	Safety Approvals	Safety Approvals
CE			

D. Environmental Specification

Item		Specification / Condition
1	Operating Temp. Range	Temperature : --10 TO +70□ Humidity : 20% ~ 85%RH
2	Storage Temperature	Temperature : -30 TO +75□ 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	100MΩ between frame and unshielded wire at 500VDC/min
2	Dielectric Strength	WITHSTANDING AT 1400V AC 60Hz. FOR 1 MINUTE
3	Locker Rotor Protection	
4	Polarity Protection	

F. Outline Dimension **UNIT: mm**

