

## REVISIONS

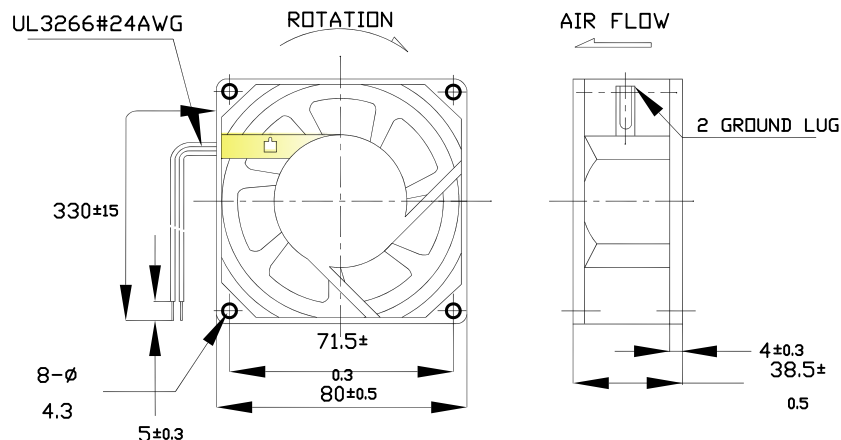
DOC. NO. SPC-F005 \* Effective: 7/8/02 \* DCP No: 1398

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
XX	A	RELEASED	LG	28-7-08	JN	28-7-08	JN	28-7-08
2067	B	Listing Info Updated	JN	08-25-09	JN	08-25-09	JN	08-25-09

## MATERIAL

- 2-1. Frame : DIE-CAST ALUMINUM  
 2-2. Impeller : Thermoplastic PBT of UL 94V-0  
 2-3. Lead Wire : UL3266, 24awg,GRAY

勝特力電材超市-龍山店 886-3-5773766  
 勝特力電材超市-光復店 886-3-5729570  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
<http://www.100y.com.tw>



Air Flow Direction: Toward label side.



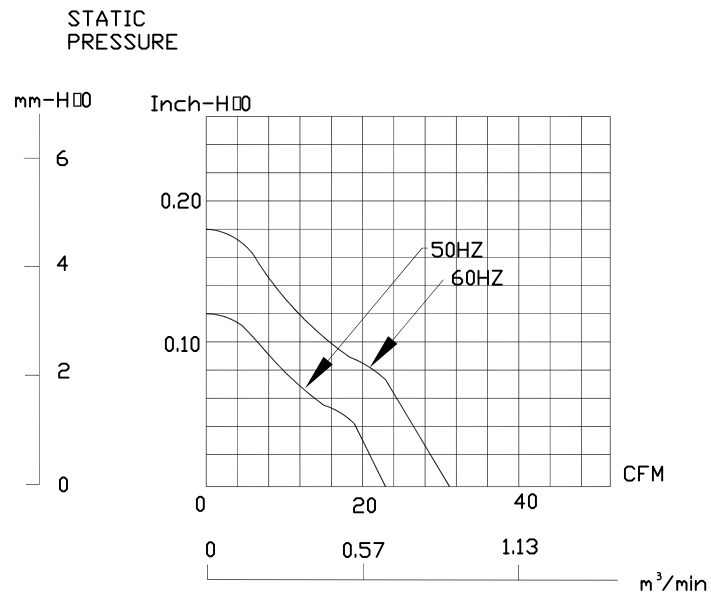
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TOLERANCES:  
 UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.

DRAWN BY:	DATE:
LG	28-7-08
CHECKED BY:	DATE:
JN	28-7-08
APPROVED BY:	DATE:
JN	28-7-08

DRAWING TITLE:			
Axial AC FAN			
SIZE	DWG. NO.	ELECTRONIC FILE	REV
A	MC19700	70K8583	B
SCALE:	NTS	U.O.M.: INCHES [mm]	SHEET: 1 OF 4

## PERFORMANCE CURVES



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SPC-F005.DWG

DOC. NO. SPC-F005 \* Effective: 7/8/02 \* DCP No: 1398

SIZE DWG. NO.

A

MC19700

ELECTRONIC FILE

70K8583

REV

SCALE: NTS

U.O.M.: Millimeters

SHEET: 2 OF 4

## SPECIFICATIONS

1-1. Rated Voltage	:	115 VAC 50/60Hz
1-2. Operating Voltage Range	:	85-125 VAC
1-3. Starting Voltage	:	85 VAC (25deg.C POWER ON/OFF)
1-4. Rated Speed	:	2300/2750 RPM $\pm$ 10%
1-5. Air Delivery	:	23.0/30.0 CFM
1-6. Static Pressure	:	0.12/0.18 Inch-H <sub>2</sub> O
1-7. Rated Current	:	0.15/0.13 AMP
1-8. Rated Power	:	14/12 WATTS
1-9. Noise Level	:	31.0/35.0 dB(A)
1-10. Direction of Rotation	:	Counter-clockwise viewed from front of fan blade
1-11. Operating Temperature	:	-10 to +70 deg. C
1-12. Storage Temperature	:	-40 to +70 deg. C
1-13. Bearing System	:	Lubricated sleeve bearing system
1-14. Weight	:	340g
1-15. Safety	:	UL/CUR Approvals
1-16. Vibration	:	Vibration of acceleration 1.5G and frequency 5-50-5Hz is applied in all 3 directions(X,Y,Z), in cycles of 1 minute each, for a total vibration time of 30 minutes.



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SPC-F005.DWG

DOC. NO. SPC-F005 \* Effective: 7/8/02 \* DCP No: 1398

SIZE <b>A</b>	DWG. NO. <b>MC19700</b>	ELECTRONIC FILE <b>70K8583</b>	REV
SCALE: NTS	U.O.M.: Millimeters	SHEET: 3 OF 4	

## CHARACTERISTIC

- |                          |   |                                                                                                                                                                                           |
|--------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Motor Design          | : | Reliable shaded-Pole Motor Construction.                                                                                                                                                  |
| 2. Insulation Resistance | : | 500Megohms minimum at 500 VDC.                                                                                                                                                            |
| 3. Dielectric Strength   | : | 1500 VAC for one second.                                                                                                                                                                  |
| 4. Motor Protection      | : | Impedance Protected.                                                                                                                                                                      |
| 5. Noise Level           | : | Measured in a semi-anechoic chamber<br>with background noise level below 15<br>dB(A).The fan is running in free air with<br>microphone at a distance of one meter<br>from the fan intake. |
| 6. Tolerance             | : | ±15% on rated power and current.                                                                                                                                                          |
| 7. Air Performance       | : | Measured by a double chamber. The values<br>are recorded when the fan speed has stabilized<br>at rated voltage.                                                                           |

