



SUNON

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

SPECIFICATION FOR APPROVAL

CUSTOMER :
DESCRIPTION : DC BRUSHLESS FAN
DIMENSIONS : 80X80X25 mm
MODEL : EE80252S3-0000-A99
SUNON SPEC. NO. :
CUSTOMER APPROVAL NO. :
APPROVED BY CUSTOMER :
(AUTHORIZED)

DRAWN	Apple 8/15	CHECKED		APPROVED		SPEC.NO	D08031190G-00
						ISSUE DATE	08.15.2008
						EDITION	0
						REVISION DATE	
						E.SPEC	E10800209

I. MODEL NUMBERING SYSTEM



Series Code

Voltage

- 0: 5VDC
- 1: 12VDC
- 2: 24VDC
- 3: 36VDC
- 4: 48VDC

Speed

- X: Super High
- 1: High
- 2: Medium
- 3: Low

Function Code

Customer Code

Bearing

- V: Vapo
- B: 2 Ball
- O: 1Ball
- S: Sleeve

Size

Thickness

編碼	尺寸(mm)	編碼	尺寸(mm)	編碼	尺寸(mm)	編碼	尺寸(mm)
01~09	1~9	A0~A9	100~109	K0~K9	200~209	V0~V9	300~309
10~19	10~19	B0~B9	110~119	L0~L9	210~219	W0~W9	310~319
20~29	20~29	C0~C9	120~129	M0~M9	220~229	X0~X9	320~329
30~39	30~39	D0~D9	130~139	N0~N9	230~239	Y0~Y9	330~339
40~49	40~49	E0~E9	140~149	P0~P9	250~259	Z0~Z9	340~349
50~59	50~59	F0~F9	150~159	Q0~Q9	260~269		
60~69	60~69	G0~G9	160~169	R0~R9	270~279		
70~79	70~79	H0~H9	170~179	S0~S9	280~289		
80~89	80~89	I0~I9	180~189	T0~T9	290~299		
90~99	90~99	J0~J9	190~199	U0~U9	290~299		

II. SPECIFICATION

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

1. MECHANICAL CHARACTERISTIC

MOTOR DESIGN	2 phases, 4-poles Brushless DC motor
BEARING SYSTEM	Lubricated sleeve bearing system
DIMENSIONS	See Page 6
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 4.3 mm in 8 holes
WEIGHT	75 g

2. ELECTRIC CHARACTERISTIC

RATED VOLTAGE	24 VDC
RATED CURRENT	49 mA
RATED POWER CONSUMPTION	1.2 WATTS
OPERATING VOLTAGE RANGE	10~27.6 VDC
STARTING VOLTAGE	10 VDC (25 deg. C POWER ON/OFF)
OPERATING TEMPERATURE RANGE	-10 to + 70 deg. C
STORAGE TEMPERATURE RANGE	-40 to + 70 deg. C

3. PERFORMANCE CHARACTERISTIC

RATED SPEED	2600 RPM ± 10% at rated voltage
AIR FLOW	33 CFM
STATIC PRESSURE	0.11 Inch-H₂O
ACOUSTIC NOISE	28 dB(A)
AIR FLOW V.S. PRESSURE	See Page 5
INSULATION CLASS	UL Class A
INSULATION RESISTANCE PLASTIC HOUSING	10M ohm at 500 VDC between internal stator and lead wire (+)
DIELECTRIC STRENGTH	Applied AC 500 V for one minute or AC 600 V for 2 Seconds between housing and lead wire (+)
LIFE EXPECTANCY	50,000 Hours at 40 deg. C, 65% humidity, 90% CL
PROTECTION	<input checked="" type="checkbox"/> Automatic Restart Note: In a situation where the fan is locked by an external force while the electricity is on, an increase in coil temperature will be prevented by temporarily turning off the electrical power to the motor. The fan will automatically restart when the locked rotor condition is released.
	<input type="checkbox"/> Polarity Protection

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

4. SAFETY

SAFETY	UL	CUR	TUV
NO.	✓	✓	✓

MODEL : EE80252S3-0000-A99

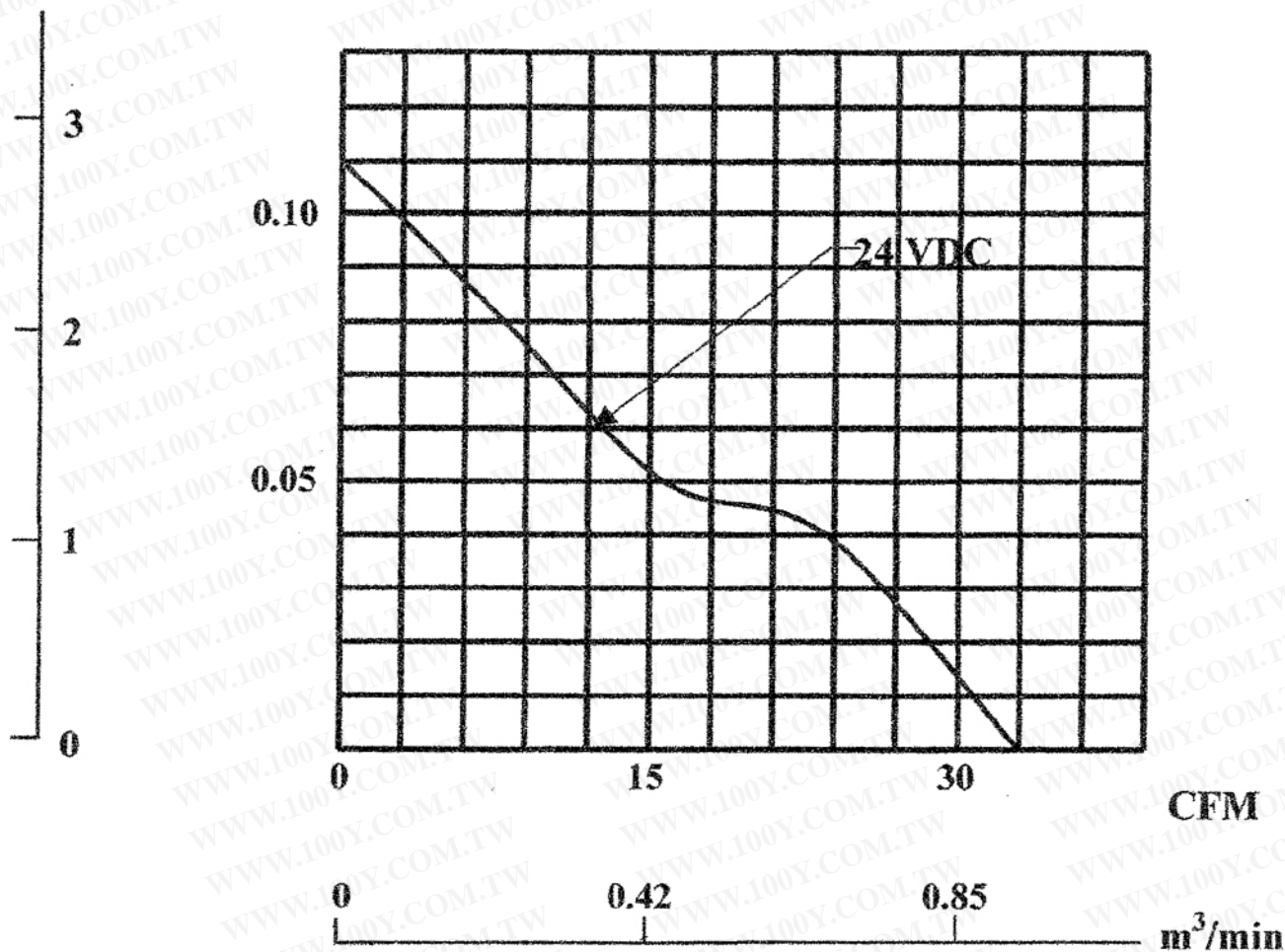
PERFORMANCE CURVES

STATIC
PRESSURE

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

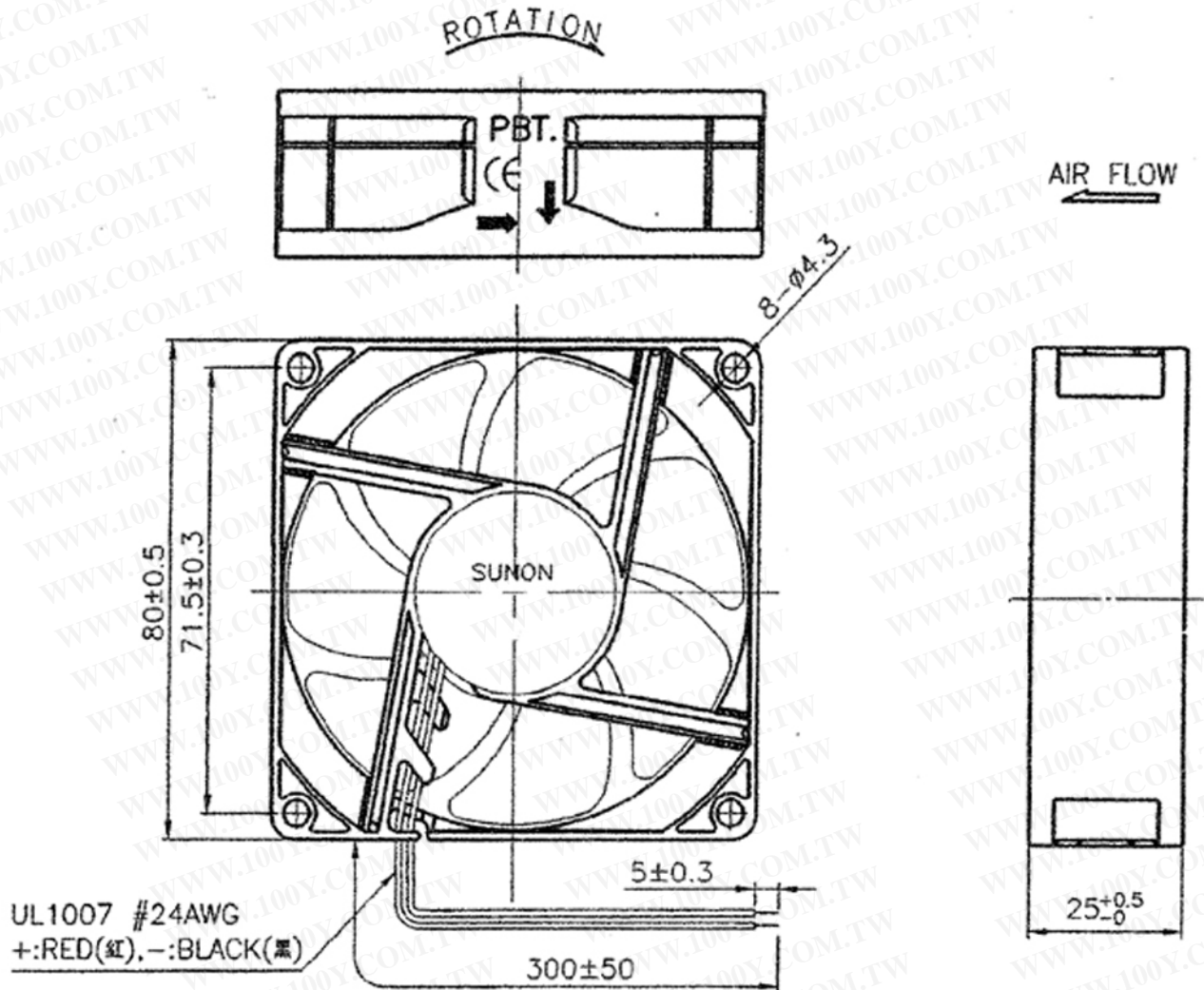
mm-H₂O

Inch-H₂O



DIMENSIONS

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



LABEL

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

