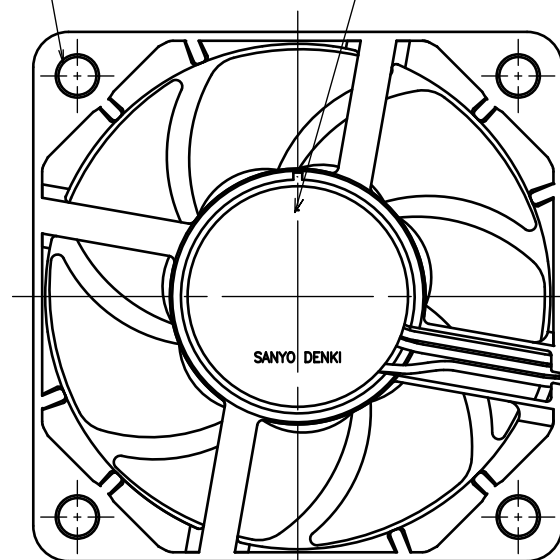


1. DIMENSIONS AND PARTS LIST

<DIMENSIONS>

8- $\phi 4.3 \pm 0.3$

LABEL (NOTE1-1)



AIRFLOW DIRECTION

3±0.3

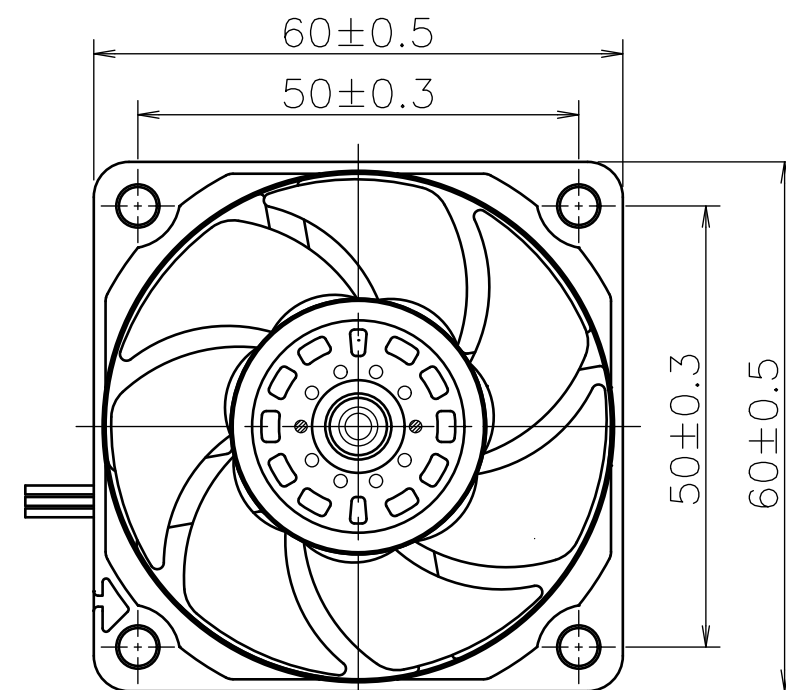
25±0.5

3±0.3

+50
300 0

(10)

ROTATING DIRECTION



NOTE

1-1. THE PRODUCT NAME, MODEL NO., MANUFACTURER, MANUFACTURE DATE, ETC. ARE PRINTED ON LABEL.
銘板上に品名, 型名, 製造会社名 及び 製造年月日等を表示する。

<LABEL>  SHOWS LOT No.  はロットNo.を示す。

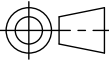
<LEAD WIRE CONNECTION TABLE>

FAN		
	LEAD WIRE	COLOR
+	UL1007 AWG24	RED
GND	UL1007 AWG24	BLACK
SENSOR	UL1007 AWG24	YELLOW



OR



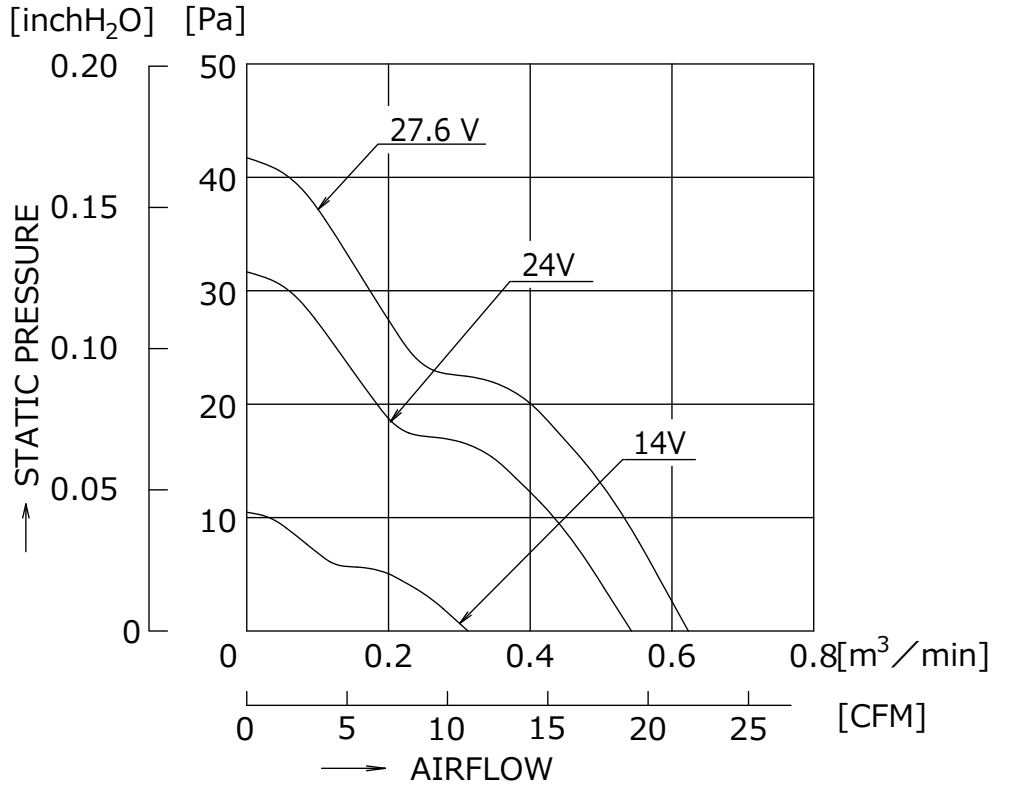
	ECN No. E0220307	名称 Title San Ace 60 (9RA) RIBLESS/LOCK_SENSOR	
	単位 Unit mm	新規 New Design J.VILLAR 21-10-06	
尺度 Scale -	図面番号 Dwg. No. 9RA0624H4D0011		Rev. B
SANYO DENKI		承認 Approved By TE.YAMAZAKI 24-01-10	審査 Checked By R.MOLINO 24-01-10
SANYO DENKI CO.,LTD. ISSUED		設計 Designed By A.TUGANO 23-11-29	
Group		D12	User E0
		Page	1/3

2. GENERAL SPECIFICATIONS

<CHARACTERISTICS>

ITEM	UNIT	CHARACTERISTICS
RATED VOLTAGE	V DC	24
OPERATING VOLTAGE RANGE	V DC	14~ 27.6
MAX. AIRFLOW	m ³ /min (CFM)	0.54 (19.1)
MAX. STATIC PRESSURE	Pa (inchH ₂ O)	32 (0.13)
RATED CURRENT	A	0.05
RATED SPEED	min ⁻¹	3800±380
INSULATION RESISTANCE (NOTE 2-2)	-	10M Ω MIN. AT 500 V DC
DIELECTRIC STRENGTH (NOTE 2-2)	-	1 MINUTE AT 500 V AC, 50/60 Hz
OPERATING TEMPERATURE	℃	-20 ~ +70
STORAGE TEMPERATURE	℃	-30 ~ +70
EXPECTED LIFE	-	60,000 h / 60 ℃ (L10, CONTINUOUS OPERATION)
SOUND PRESSURE LEVEL (NOTE 2-3)	dB(A)	26
MASS	g	APPROX. 70
MATERIAL	-	FRAME, IMPELLER : PLASTICS
BEARING SYSTEM	-	2 BALL BEARINGS

<REFERENCE AIRFLOW-STATIC PRESSURE CHARACTERISTICS>



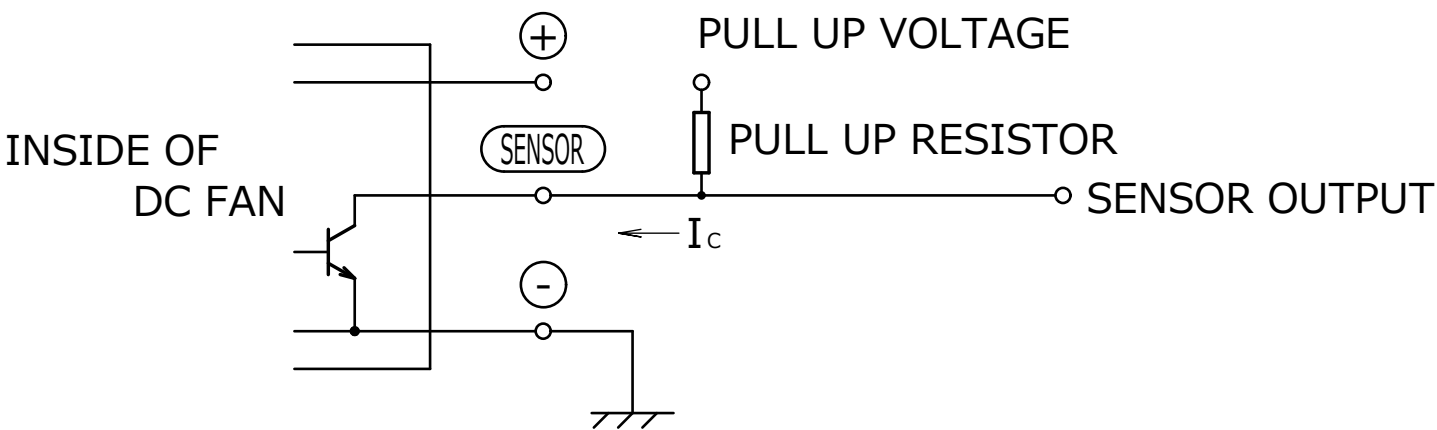
- 2-4. WITHIN THE OPERATING VOLTAGE RANGE, THE MOTOR IS PROTECTED FROM BURNOUT DUE TO LOCKED ROTOR. DO NOT LOCK ROTOR OUTSIDE OF OPERATING VOLTAGE.
使用電圧範囲にてファン拘束時焼損の恐れはない。
使用電圧範囲外でファンを拘束しないこと。
- 2-5. FAN MIGHT NOT START UP NORMALLY IF THE IMPELLER IS ROTATING WHEN THE POWER IS TURNED ON.
電源投入時、羽根が空転していると正常に起動できない場合がある。

- NOTE 2-1. ALL THE VALUES IN THE TABLE ARE TYPICAL VALUES MEASURED AFTER 30 MINUTES OF OPERATION AT ROOM TEMPERATURE AND NORMAL HUMIDITY.
表中の値はいずれも、常温、常湿、30分間動作後の標準値。
- 2-2. MEASURED BETWEEN LEAD WIRE CONDUCTORS AND FRAME.
リード線導体部とフレームとの間。
- 2-3. AT 1 m AWAY FROM THE AIR INLET.
ファン吸込側1 mにおける値。

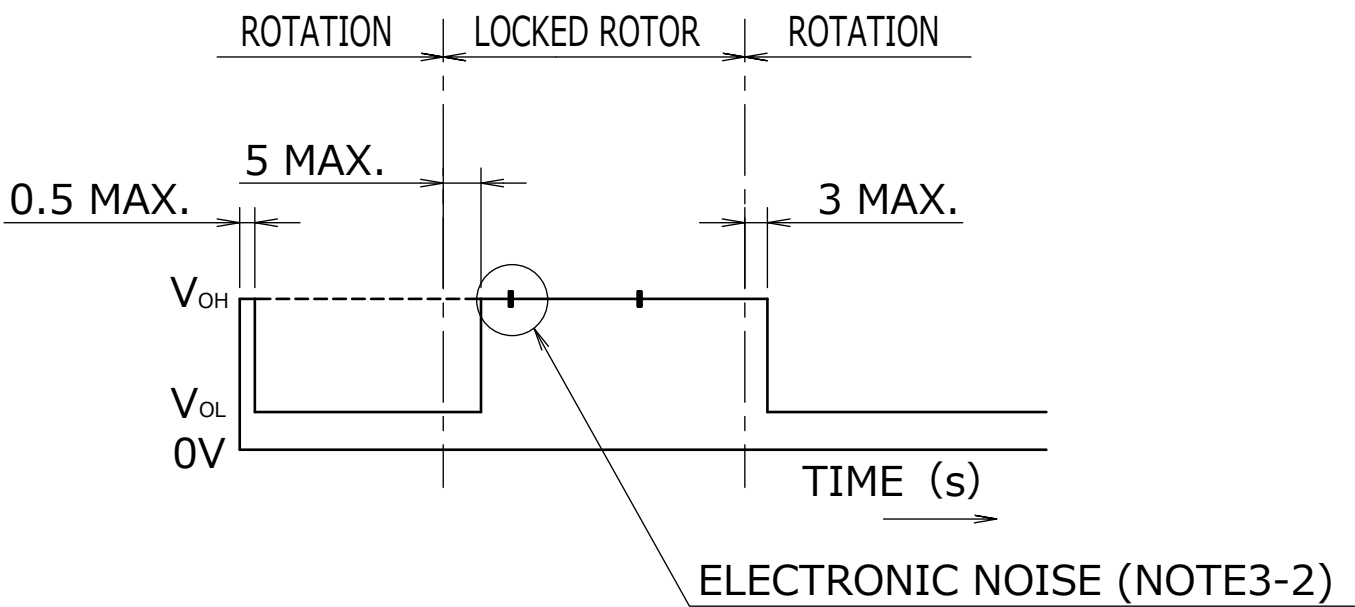
		ECN No. E0220307	名称 Title San Ace 60 (9RA) RIBLESS/LOCK_SENSOR			
単位 Unit mm		新規 New Design J.VILLAR 21-10-06				
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5 1 6 A 3 G - # 5			Group D12	User E0	Page 2/3	

3. SENSOR SPECIFICATIONS

<OUTPUT CIRCUIT>
OPEN COLLECTOR



<OUTPUT WAVEFORM>



<SENSOR SPECIFICATIONS>

ITEM	SYMBOL	UNIT	MAX.
PULL UP VOLTAGE	-	V	30
COLLECTOR - EMITTER VOLTAGE (V_{CE})	V_{OH}	V	30
COLLECTOR CURRENT	I_C	mA	5
COLLECTOR SATURATION VOLTAGE ($V_{CE(SAT)}$)	V_{OL}	V	0.8

NOTE: 3-1. OUTPUT COMES QUITE V_{OL} LEVEL WITHIN 0.5s
AFTER OPERATING POWER SUPPLIED TO FAN.
電源投入後、出力が V_{OL} になるまでの時間は0.5秒以内。

3-2. ELECTRONIC NOISE MAY APPEAR ON THE V_{OH} OR V_{OL}
WHEN THE FAN IS AUTO-RESTARTED.
モータの再起動の際には、 V_{OH} あるいは V_{OL} にノイズが乗ることがある。

3-3. MOTOR CONTROL SWITCHING MAY AFFECT THE SENSOR
OUTPUT.
モータ制御によるスイッチングがセンサ出力に影響する場合がある。

	ECN No.	名称 Title			
	E0220307	San Ace 60 (9RA) RIBLESS/LOCK_SENSOR			
単位 Unit	新規 New Design				
mm	J.VILLAR 21-10-06				
尺度 Scale	図面番号 Dwg. No.	9RA0624H4D0011			Rev. B
-					
		承認 Approved By	審査 Checked By	設計 Designed By	
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Group		D12	User	E0	Page 3/3