1004KL (25□ x 10L)

勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-34970699
胜特力电子(深圳) 86-755-83298787
Http://www.100y.com.tw

General Specifications

Motor Protection:
Auto Restart/Polarity Protection

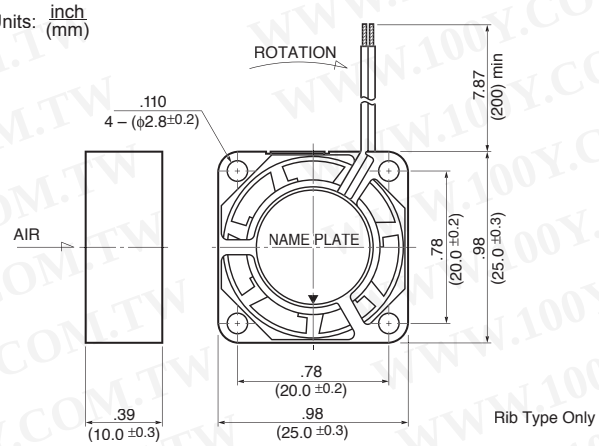
Insulation Resistance: 10M Ω or over with a DC500V Megger

Dielectric Withstand Voltage: AC 700V 1s

Allowable Ambient Temperature Range:
-10°C ~ +60°C (Operating)
-40°C ~ +70°C (Storage)
(non-condensing environment)

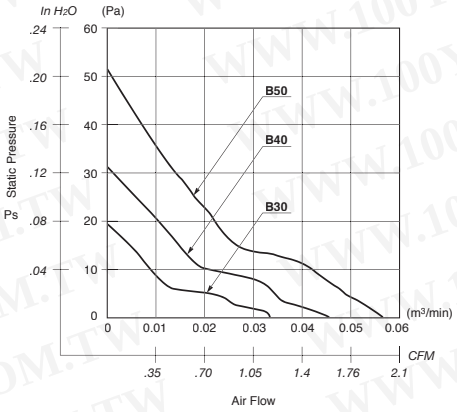
Outline

Units: inch / (mm)

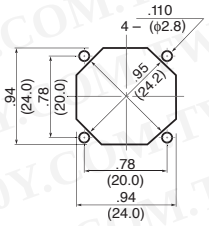


Rib Type Only

Characteristic Curves



Panel Cut-outs



INLET SIDE / OUTLET SIDE

Material

Casing : Plastic (Black) 94V-0
Impeller : Plastic (Black) 94V-0
Bearing : Ball Bearing
Lead Wire: UL1061, AWG26, +Red, -Black

Specifications

MODEL	Product No.	Rated Voltage (V)	Operating Voltage (V)	Current (A)*1	Input Power (W)*1	Speed (min⁻¹)*1	Max. Air Flow CFM*1	Max. Air Flow (m³/min)*1	Max. Static Pressure in H2O	Max. Static Pressure (Pa)*1	Noise (dB)*1	Mass (g)
1004KL-01W-**B30**-	X00	5	4.5 ~ 5.5	0.065	0.325	7000	1.2	0.034	.078	19.5	20.0	7.5
1004KL-01W-**B40**-	X00	5	4.5 ~ 5.5	0.085	0.425	9000	1.6	0.046	.126	31.6	22.0	7.5
1004KL-01W-**B50**-	X00	5	4.5 ~ 5.5	0.125	0.625	11000	2.0	0.057	.20	50.6	25.0	7.5
1004KL-04W-**B30**-	X00	12	8 ~ 13.8	0.035	0.42	7000	1.2	0.034	.078	19.5	20.0	7.5
1004KL-04W-**B40**-	X00	12	8 ~ 13.8	0.045	0.54	9000	1.6	0.046	.126	31.6	22.0	7.5
1004KL-04W-**B50**-	X00	12	8 ~ 13.8	0.060	0.72	11000	2.0	0.057	.20	50.6	25.0	7.5

Rotation: Clockwise
Airflow Outlet: Air Out Over Struts
*1: Average Values in Free Air

Common Specifications

Vibration Test: ..... Conforms to JIS C 60068-2-6, Amplitude: 1.5mm, Frequency 10 to 55 Hz, 1 hour in each of the X, Y and Z directions.

Shock Test: ..... Conforms to JIS C 60068-2-27, Acceleration rate: 981 m/s2*, Application time: 6ms once each in the X, Y and Z directions. Note: For the 1604KL, 1608KL, and 2406KL series, the conditions of the shock test are as follows: Acceleration rate: 500 m/s2, Application time: 11ms once each in the X, Y and Z directions.

Locked Rotor Protection : .. The motor is protected from burnout in the locked rotor condition for 72 hours at the rated voltage.

Polarity Protection : ..... The fans are Reverse Polarity protected at the rated voltage.

Insulation Class : ..... E class (UL: Class A)

Auto Restart: ..... Most fan models provide current shut-down/auto restart function under locked rotor conditions.

Notes: Additional performance requirements can be determined between manufacturer and customer, based on customer's request.
Ball bearing fans may be installed in a horizontal, vertical or angled position

Part Numbering System

24	10	M	L	–	04	W	–	B	1	0	–	X	00
①	②	③	④		⑤	⑥		⑦	⑧	⑨		⑩	⑪

1. Frame Size
10:25mm
12:30mm
14:35mm
16:40mm
20:50mm
21:52mm
24:60mm
28:70mm
31:80mm
36:92mm
47:119mm
50:127mm
59:150mm
68:172mm

2. Overall Length (Thickness)
04:10mm
06:15mm
08:20mm
10:25mm
12:32mm
15:38mm
20:50mm

3. Series
P Series
M Series
N Series
K Series
H Series
S Series
F Series
R Series
V Series

4. Motor Function
Brushless Type DCM

5. Input Voltage
O: Standard Current
C: Special Current
D~Z: Special Current
(A.B.O. are not used)

1: 5V	5: 24V
2: 6V	6: 36V
3: 9v	7: 48V
4: 12V	9: Other

6. Termination
W: Lead Wires
T: Terminal
(Terminal option on 3610KL and 4715KL Series)

7. Bearing
B: Ball Bearing
S: Sleeve Bearing

8. Speed
1<2<3<4<5<6<7<8
low high

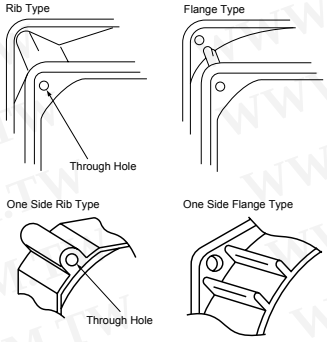
9. Special Control Function
0: Standard Type
9: Sensor Type
7: Temperature Detecting Variable Speed Type/PWM Control Type
6: Temperature Detecting Variable Speed Type/Sensor Type
5: 2-Speed Type/Sensor Type
8: 2-Speed Type

10. Product Number

Item	Classification	Mounting Style
L:	Standard Model	Rib Type
P:	Standard Model	Flange Type
B:	Standard Model	Rib Type
E:	Standard Model	Flange Type
G:	Standard Model	Rib Type
D:	Standard Model	Flange Type

11. Individual Specifications
Standard Type
00 Standard
01~99: Custom

Sensor Type
00: Locked Rotor Alarm Signal (Standard)
01~49: Locked Rotor Alarm Signal (Custom)
50: Tachometer Signal (Standard)
51~99: Tachometer Signal (Custom)



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