



1608KL (40^D x 20^L)



NMB-MAT

EMINEBEA.COM

DC Axial Fans

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 ~ +70°C (Operating)

-40°C ~ +70°C (Storage)

(non-condensing environment)

Expected Life

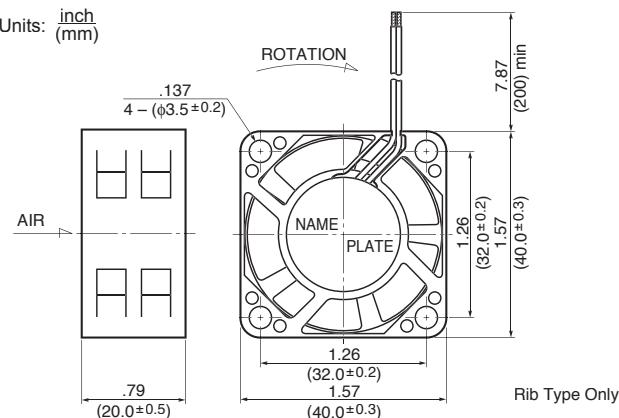
Failure Rate: 10%

25°C 50,000 Hours (L00)

25°C 40,000 Hours (T00)

Outline

Units: inch
(mm)



Specifications

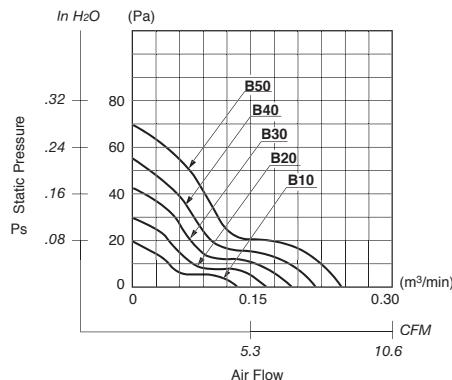
MODEL	Product No.	Rated Voltage	Operating Voltage	Current	Input Power	Speed	Max. Air Flow		Max. Static Pressure		Noise	Mass
		(V)	(V)	(A) ^{*1}	(W) ^{*1}	(min ⁻¹) ^{*1}	CFM ^{*1}	(m ³ /min) ^{*1}	in H ₂ O	(Pa) ^{*1}	(dB) ^{*1}	(g)
1608KL-01W-B10-	X00	5	4.5 ~ 5.5	0.07	0.35	4500	4.9	0.14	.08	20.0	20.0	25
1608KL-01W-B20-	X00	5	4.5 ~ 5.5	0.12	0.60	5500	6.0	0.17	.12	30.1	22.5	25
1608KL-01W-B30-	X00	5	4.5 ~ 5.5	0.17	0.85	6500	7.4	0.21	.17	42.2	25.5	25
1608KL-01W-B40-	X00	5	4.5 ~ 5.5	0.27	1.35	7500	8.4	0.24	.21	54.2	29.0	25
1608KL-01W-B50-	X00	5	4.5 ~ 5.5	0.38	1.90	8500	9.5	0.27	.28	69.4	33.0	25
1608KL-04W-B10-	X00	12	10.2 ~ 13.8	0.04	0.48	4500	4.9	0.14	.08	20.0	20.0	25
1608KL-04W-B20-	X00	12	10.2 ~ 13.8	0.06	0.72	5500	6.0	0.17	.12	30.1	22.5	25
1608KL-04W-B30-	X00	12	10.2 ~ 13.8	0.07	0.84	6500	7.4	0.21	.17	42.2	25.5	25
1608KL-04W-B40-	X00	12	10.2 ~ 13.8	0.09	1.08	7500	8.4	0.24	.21	54.2	29.0	25
1608KL-04W-B50-	X00	12	10.2 ~ 13.8	0.11	1.32	8500	9.5	0.27	.28	69.4	33.0	25
1608KL-05W-B10-	X00	24	20.0 ~ 25.2	0.04	0.96	4500	4.9	0.14	.08	20.0	20.0	25
1608KL-05W-B20-	X00	24	20.0 ~ 25.2	0.05	1.20	5500	6.0	0.17	.12	30.1	22.5	25
1608KL-05W-B30-	X00	24	20.0 ~ 25.2	0.06	1.44	6500	7.4	0.21	.17	42.2	25.5	25
1608KL-05W-B40-	X00	24	20.0 ~ 25.2	0.07	1.68	7500	8.4	0.24	.21	54.2	29.0	25
1608KL-05W-B50-	X00	24	20.0 ~ 25.2	0.08	1.92	8500	9.5	0.27	.28	69.4	33.0	25

Rotation: Clockwise

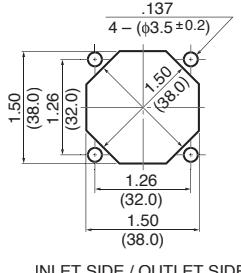
Airflow Outlet: Air Out Over Struts

*1: Average Values in Free Air

Characteristic Curves



Panel Cut-outs



Material

Casing : Plastic (Black) 94V-0

Impeller : Plastic (Black) 94V-0

Bearing : Ball Bearing

Lead Wire: UL1061, AWG26, +Red, -Black



English
日本語

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Fan Motors
Engineering
Information

DC Fans

1.Common Spec.

2.Numbering (Axial Fans)

3.Numbering (FB)

4.Numbering (Blowers BM)

5.Numbering (Blowers BG)

6.Numbering (FAL)

7.Sensors

8.Speed Control

AC Fans

Technical Information

Handling Precautions

Quality & Environment

DC Axial Fans Part Numbering System

To show details, place the mouse cursor on each item of the part number. Click "Display All" button to show all details.

24 10 M L - 04 W - B 1 0 - X 00 [Display All](#)

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11)

1. Size	2. Thickness	3. Series	5. Input Voltage	4. Function	7. Bearing
10 25mm	28 70mm	04	10mm	P Series	S Series 01 5V 06 36V
12 30mm	31 80mm	06	15mm	M Series	F Series 02 6V 07 48V
14 35mm	36 92mm	08	20mm	N Series	03 9V 09 Custom
16 40mm	47 119mm	10	25mm	K Series	04 12V voltage
20 50mm	50 127mm	12	32mm	H Series	05 24V
21 52mm	59 150mm	15	38mm		
24 60mm	68 172mm	20	50mm		

9. Special Control Function

0 Standard type

9 Sensor type

8 2-speed type

7 Temperature detecting variable speed type/PWM control type

6 Temperature detecting variable speed type/Sensor type

5 2-speed type / Sensor type

11. Individual Specifications

Standard Type

00 Standard

01-99 Custom

50 Tachometer Signal (Standard)

51-99 Tachometer Signal (Custom)

10. Product No.

Item	Classification	Mounting Style	Item	Classification	Mounting Style	Item	Classification	Mounting Style
L	Standard Model	Rib Type	D	Standard Model	Flange Type	J	Value Model	One Side Rib Type
P	Standard Model	Flange Type	T	Value Model	Rib Type	H	Value Model	One Side Flange Type
B	Standard Model	Rib Type	S	Value Model	Flange Type	M	Value Model	Rib Type
E	Standard Model	Flange Type	C	Value Model	Rib Type	V	Value Model	Flange Type
G	Standard Model	Rib Type	F	Value Model	Flange Type	X	Vented casing	Flange Type

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