

1608KL (40[□]x 20^L)



EMINEBEA.COM

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: $\frac{\text{inch}}{\text{mm}}$



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	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



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	Brushless Type B Ball Bearing	
12 30mm 31 80mm 06 15mm		M Series F Series	02 6V 07 48V	DCM S Sleeve Bearing	
14 35mm 36 92mm 08 20mm		N Series	03 9V 09 Custom	6. Termination w Lead Wires	8. Speed 1<2<3<4<5<6<7<8
16 40mm 47 119mm 10 25mm		K Series	04 12V voltage	T Terminal Type	low high
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			11. Individual Specifications		
0 Standard type			Standard Type Sensor Type		
9 Sensor type			00 Standard	00	Locked Rotor Alarm Signal(Standard)
8 2-speed type			01-99 Custom	01-49	Locked Rotor Alarm Signal(Custom)
7 Temperature detecting variable speed type/PWM control type				50	Tachometer Signal (Standard)
6 Temperature detecting variable speed type/Sensor type				51-99	Tachometer Signal (Custom)
5 2-speed type / Sensor type					

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