



FBA09A (92[□] x 25.5^L)



NMB-MAT

EMINEBEA.COM

General Specifications

Allowable Ambient Temperature Range:

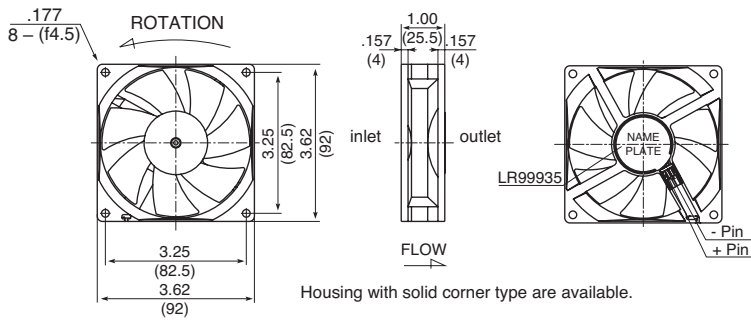
-10°C ~ +70°C (65%RH) (Operating)
-40°C ~ +75°C (65%RH) (Storage)
(non-condensing environment)

Expected Life

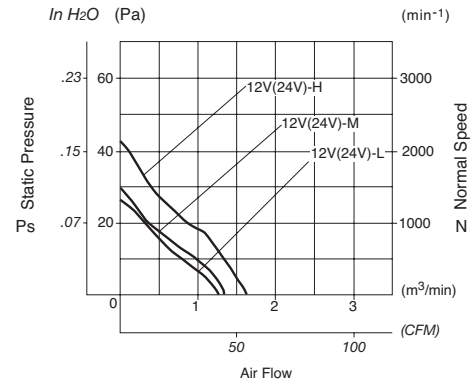
Failure Rate: 10%
50,000 Hours (40°C, 65%RH)

Outline

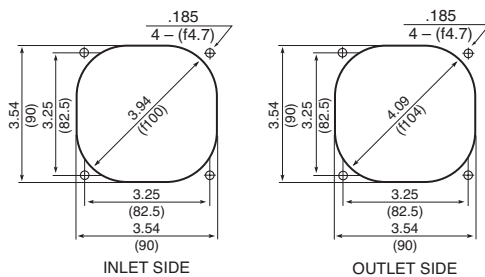
Units: $\frac{\text{inch}}{(\text{mm})}$



Characteristic Curves



Panel Cut-outs



Material

Bearing: Hydro Wave Bearing

Specifications

MODEL	Rated Voltage	Operating Voltage	Current	Input Power	Rated Speed	Max. 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)
FBA09A 12L	12	7.0 ~ 13.8	110	1.32	2200	42.7	1.21	.10	25.5	27.0	110
FBA09A 12M	12	7.0 ~ 13.8	150	1.80	2450	48.0	1.36	.11	29.4	30.0	110
FBA09A 12H	12	7.0 ~ 13.8	255	2.70	2950	56.8	1.61	.16	42.1	35.0	110
FBA09A 24L	24	14.0 ~ 27.6	80	1.92	2200	42.7	1.21	.10	25.5	27.0	110
FBA09A 24M	24	14.0 ~ 27.6	110	2.64	2450	48.0	1.36	.11	29.4	30.0	110
FBA09A 24H	24	14.0 ~ 27.6	140	3.36	2900	56.8	1.61	.16	42.1	35.0	110

Rotation: Clockwise

Airflow Outlet: Air Out Over Struts

*1: Average Values in Free Air

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 FB Series 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.

FB **A** **08** **A** **12** **H** **1** **A** **S**
(1) **(2)** **(3)** **(4)** **(5)** **(6)** **(7)** **(8)** **(9)**

[Display All](#)

1. Motor type FB DC Axial fans	2. Bearing type or Motor Type A HWB K Ball bearing L ES Series	3. Housing Size 04 40 X 40mm 09 92 X 92mm 06 60 X 60mm 12 120 X 120mm 08 80 X 80mm
4. Housing thickness A 25.5mm F 20mm T 15mm H 42mm G 38mm	5. Rated voltage 12 12V 24 24V	6. Speed L Low M Middle H High V Variable (Option)
7. Terminal 1 With leads ☐ No leads	8. Lead wire A Standard 2 leads B Standard 3 leads C Optional leads	9. Option S Locked sensor X Tacho sensor Z Solid corner housing O S + Z

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