



# 3610KL (92<sup>□</sup> x 25<sup>L</sup>)



**NMB-MAT**

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:**

B60 Class: -10°C ~ +50°C (Operating)

B10~B50 Class: -10°C ~ +70°C (Operating)

All Class: -40°C ~ +70°C (Storage)

(non-condensing environment)

## Expected Life

### Failure Rate: 10%

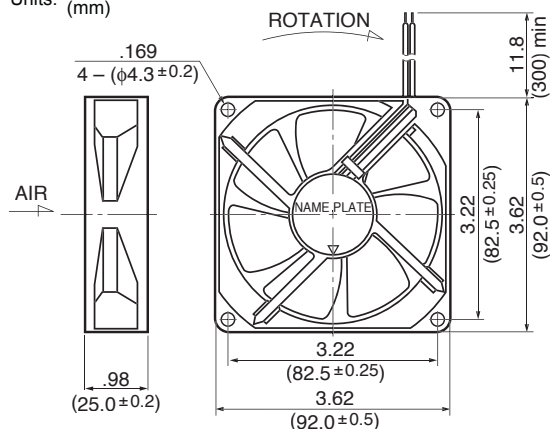
25°C 100,000 Hours (B00, E00)

25°C 70,000 Hours (G00,D00)

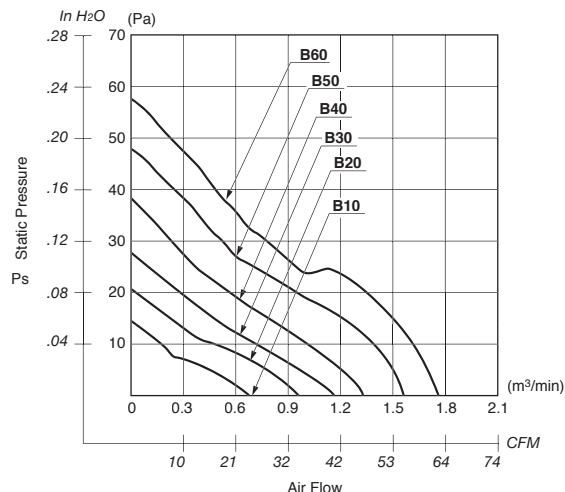
25°C 60,000 Hours (C00, F00)

## Outline

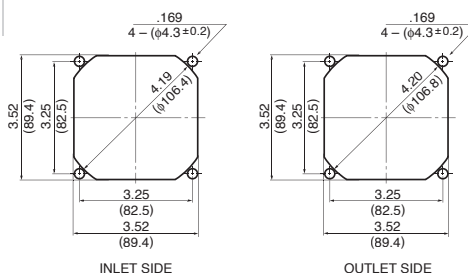
Units:  $\frac{\text{inch}}{\text{mm}}$



## Characteristic Curves



## Panel Cut-outs



## Material

Casing : Plastic (Black) 94V-0

Impeller : Plastic (Black) 94V-0

Bearing : Ball Bearing

Lead Wire: UL1007, AWG24, +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 <sup>-1</sup> )*1 | CFM*1         | (m <sup>3</sup> /min)*1 | in H <sub>2</sub> O  | (Pa)*1 | (dB)*1 | (g)  |
| 3610KL-04W-B10 | X00         | 12            | 6.0 ~ 13.8        | 0.073   | 0.876       | 1750                   | 26.5          | 0.75                    | .06                  | 14.2   | 25.0   | 95   |
| 3610KL-04W-B20 | X00         | 12            | 6.0 ~ 13.8        | 0.110   | 1.320       | 2100                   | 33.5          | 0.95                    | .08                  | 20.1   | 29.5   | 95   |
| 3610KL-04W-B30 | X00         | 12            | 6.0 ~ 13.8        | 0.160   | 1.920       | 2450                   | 40.6          | 1.15                    | .11                  | 27.0   | 34.0   | 95   |
| 3610KL-04W-B40 | X00         | 12            | 6.0 ~ 13.8        | 0.220   | 2.640       | 2850                   | 47.6          | 1.35                    | .15                  | 37.2   | 37.5   | 95   |
| 3610KL-04W-B50 | X00         | 12            | 6.0 ~ 13.0        | 0.315   | 3.780       | 3200                   | 54.7          | 1.55                    | .19                  | 48.0   | 41.0   | 95   |
| 3610KL-04W-B60 | X00         | 12            | 6.0 ~ 12.6        | 0.430   | 5.160       | 3600                   | 61.8          | 1.75                    | .23                  | 57.2   | 44.5   | 95   |
| 3610KL-05W-B10 | X00         | 24            | 10.0 ~ 27.6       | 0.05    | 1.20        | 1750                   | 26.5          | 0.75                    | .06                  | 14.2   | 25.0   | 95   |
| 3610KL-05W-B20 | X00         | 24            | 10.0 ~ 27.6       | 0.06    | 1.44        | 2100                   | 33.5          | 0.95                    | .08                  | 20.1   | 29.5   | 95   |
| 3610KL-05W-B30 | X00         | 24            | 10.0 ~ 27.6       | 0.09    | 2.16        | 2450                   | 40.6          | 1.15                    | .11                  | 27.0   | 34.0   | 95   |
| 3610KL-05W-B40 | X00         | 24            | 10.0 ~ 27.6       | 0.12    | 2.88        | 2850                   | 47.6          | 1.35                    | .15                  | 37.2   | 37.5   | 95   |
| 3610KL-05W-B50 | X00         | 24            | 10.0 ~ 25.0       | 0.16    | 3.84        | 3200                   | 54.7          | 1.55                    | .19                  | 48.0   | 41.0   | 95   |
| 3610KL-05W-B60 | X00         | 24            | 10.0 ~ 25.0       | 0.20    | 4.80        | 3600                   | 61.8          | 1.75                    | .23                  | 57.2   | 44.5   | 95   |

Rotation: Clockwise

Airflow Outlet: Air Out Over Struts

\*1: Average Values in Free Air