



### General Specifications

#### Motor Protection:

Auto Restart/Polarity Protection

**Insulation Resistance:** 10M  $\Omega$  or over with a DC500V Megger

**Dielectric Withstand Voltage:** AC 700V 1s

#### Allowable Ambient Temperature Range:

B50 Class: -10°C ~ +60°C (Operating)

B10 ~ B40 Class: -10°C ~ +70°C (Operating)

All Class: -40°C ~ +70°C (Storage)  
(non-condensing environment)

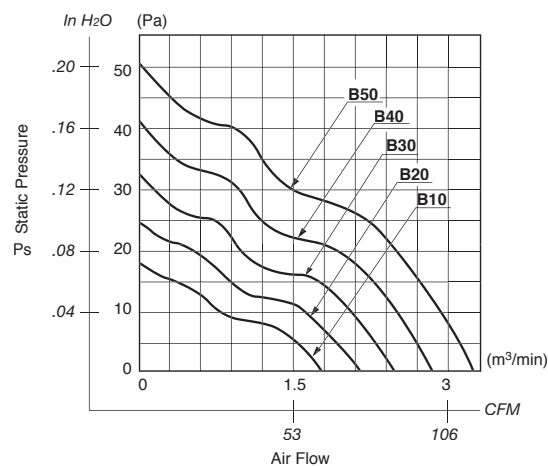
### Expected Life

#### Failure Rate: 10%

25°C 100,000 Hours (B00, E00)

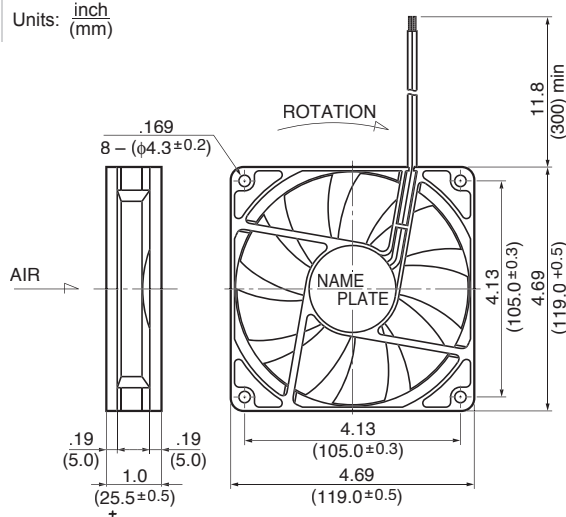
25°C 80,000 Hours (V00)

### Characteristic Curves

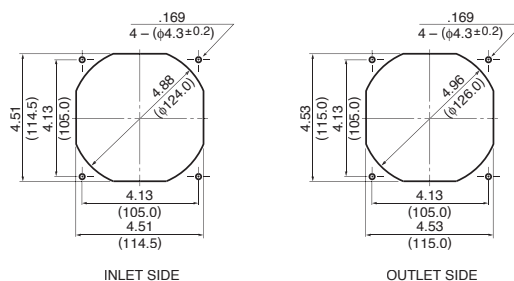


### Outline

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



### 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)  |
| 4710KL-04W-B10- | X00         | 12            | 6.0 ~ 13.8        | 0.12    | 1.44        | 1600                   | 63.5          | 1.80                    | .07                  | 17.9   | 27.0   | 180  |
| 4710KL-04W-B20- | X00         | 12            | 6.0 ~ 13.8        | 0.19    | 2.28        | 1900                   | 75.9          | 2.15                    | .10                  | 24.8   | 31.0   | 180  |
| 4710KL-04W-B30- | X00         | 12            | 6.0 ~ 13.8        | 0.28    | 3.36        | 2200                   | 88.2          | 2.50                    | .13                  | 32.3   | 35.0   | 180  |
| 4710KL-04W-B40- | X00         | 12            | 6.0 ~ 13.8        | 0.40    | 4.80        | 2500                   | 100.6         | 2.85                    | .16                  | 40.9   | 38.5   | 180  |
| 4710KL-04W-B50- | X00         | 12            | 6.0 ~ 13.0        | 0.55    | 6.60        | 2800                   | 114.7         | 3.25                    | .20                  | 50.5   | 41.5   | 180  |
| 4710KL-05W-B10- | X00         | 24            | 10.0 ~ 27.6       | 0.08    | 1.92        | 1600                   | 63.5          | 1.80                    | .07                  | 17.9   | 27.0   | 180  |
| 4710KL-05W-B20- | X00         | 24            | 10.0 ~ 27.6       | 0.10    | 2.40        | 1900                   | 75.9          | 2.15                    | .10                  | 24.8   | 31.0   | 180  |
| 4710KL-05W-B30- | X00         | 24            | 10.0 ~ 27.6       | 0.15    | 3.60        | 2200                   | 88.2          | 2.50                    | .13                  | 32.3   | 35.0   | 180  |
| 4710KL-05W-B40- | X00         | 24            | 10.0 ~ 27.6       | 0.22    | 5.28        | 2500                   | 100.6         | 2.85                    | .16                  | 40.9   | 38.5   | 180  |
| 4710KL-05W-B50- | X00         | 24            | 10.0 ~ 26.0       | 0.29    | 6.96        | 2800                   | 114.7         | 3.25                    | .20                  | 50.5   | 41.5   | 180  |

Rotation: Clockwise

Airflow Outlet: Air Out Over Struts

\*1: Average Values in Free Air

# Mouser Electronics

Authorized Distributor

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## NMB Technologies:

|                                           |                                           |                                           |                                           |                                           |
|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|
| <a href="#"><u>4710KL-04W-B50-E00</u></a> | <a href="#"><u>4710KL-04W-B20-E00</u></a> | <a href="#"><u>4710KL-04W-B10-B00</u></a> | <a href="#"><u>4710KL-07W-B30-E00</u></a> | <a href="#"><u>4710KL-04W-B19-E00</u></a> |
| <a href="#"><u>4710KL-04W-B30-B00</u></a> | <a href="#"><u>4710KL-05W-B49-B00</u></a> | <a href="#"><u>4710KL-07W-B49-E50</u></a> | <a href="#"><u>4710KL-07W-B20-E00</u></a> | <a href="#"><u>4710KL-04W-B39-B00</u></a> |
| <a href="#"><u>4710KL-04W-B49-E00</u></a> | <a href="#"><u>4710KL-05W-B49-B50</u></a> | <a href="#"><u>4710KL-04W-B50-B00</u></a> | <a href="#"><u>4710KL-04W-B29-B50</u></a> | <a href="#"><u>4710KL-04W-B39-E50</u></a> |
| <a href="#"><u>4710KL-04W-B39-B50</u></a> | <a href="#"><u>4710KL-05W-B20-E00</u></a> | <a href="#"><u>4710KL-04W-B40-E00</u></a> | <a href="#"><u>4710KL-05W-B30-B00</u></a> | <a href="#"><u>4710KL-05W-B39-E00</u></a> |
| <a href="#"><u>4710KL-04W-B40-B00</u></a> | <a href="#"><u>4710KL-05W-B49-E00</u></a> | <a href="#"><u>4710KL-05W-B19-B50</u></a> | <a href="#"><u>4710KL-05W-B59-B00</u></a> | <a href="#"><u>4710KL-04W-B39-E00</u></a> |
| <a href="#"><u>4710KL-05W-B20-B00</u></a> | <a href="#"><u>4710KL-04W-B19-E50</u></a> | <a href="#"><u>4710KL-05W-B49-E50</u></a> | <a href="#"><u>4710KL-05W-B59-E50</u></a> | <a href="#"><u>4710KL-04W-B59-B50</u></a> |
| <a href="#"><u>4710KL-04W-B19-B50</u></a> | <a href="#"><u>4710KL-04W-B49-B50</u></a> | <a href="#"><u>4710KL-04W-B30-E00</u></a> | <a href="#"><u>4710KL-05W-B39-B50</u></a> | <a href="#"><u>4710KL-05W-B19-E50</u></a> |
| <a href="#"><u>4710KL-05W-B50-B00</u></a> | <a href="#"><u>4710KL-05W-B29-E00</u></a> | <a href="#"><u>4710KL-05W-B50-E00</u></a> | <a href="#"><u>4710KL-05W-B10-E00</u></a> | <a href="#"><u>4710KL-04W-B29-B00</u></a> |
| <a href="#"><u>4710KL-04W-B59-E50</u></a> | <a href="#"><u>4710KL-05W-B19-E00</u></a> | <a href="#"><u>4710KL-05W-B29-E50</u></a> | <a href="#"><u>4710KL-05W-B39-E50</u></a> | <a href="#"><u>4710KL-05W-B30-E00</u></a> |
| <a href="#"><u>4710KL-04W-B20-B00</u></a> | <a href="#"><u>4710KL-05W-B19-B00</u></a> | <a href="#"><u>4710KL-05W-B59-B50</u></a> | <a href="#"><u>4710KL-05W-B59-E00</u></a> | <a href="#"><u>4710KL-05W-B10-B00</u></a> |
| <a href="#"><u>4710KL-04W-B10-E00</u></a> | <a href="#"><u>4710KL-04W-B19-B00</u></a> | <a href="#"><u>4710KL-04W-B29-E50</u></a> | <a href="#"><u>4710KL-05W-B29-B50</u></a> | <a href="#"><u>4710KL-04W-B49-E50</u></a> |
| <a href="#"><u>4710KL-05W-B40-B00</u></a> | <a href="#"><u>4710KL-05W-B40-E00</u></a> | <a href="#"><u>4710KL-04W-B49-B00</u></a> | <a href="#"><u>4710KL-05W-B39-B00</u></a> | <a href="#"><u>4710KL-04W-B29-E00</u></a> |
| <a href="#"><u>4710KL-04W-B59-B00</u></a> | <a href="#"><u>4710KL-04W-B59-E00</u></a> | <a href="#"><u>4710KL-05W-B29-B00</u></a> |                                           |                                           |