

## 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 ~ +40°C (Operating)

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

B10 ~ B40 Class: -40°C ~ +70°C (Storage)

B50 Class: -40°C ~ +60°C (Storage)

(non-condensing environment)

## Expected Life

### Failure Rate: 10%

25°C 50,000 Hours (P00)

## Material

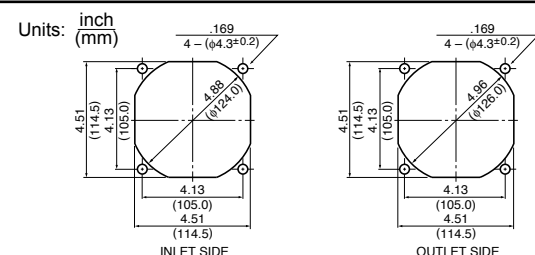
Casing : Plastic (Black) 94V-0

Impeller : Plastic (Black) 94V-0

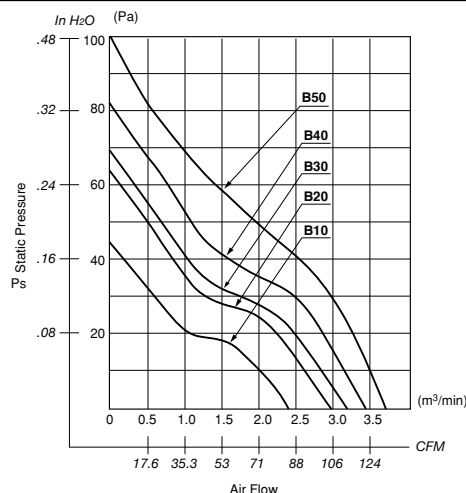
Bearing : Ball Bearing

Lead Wire : UL1007, AWG24, +Red, -Black

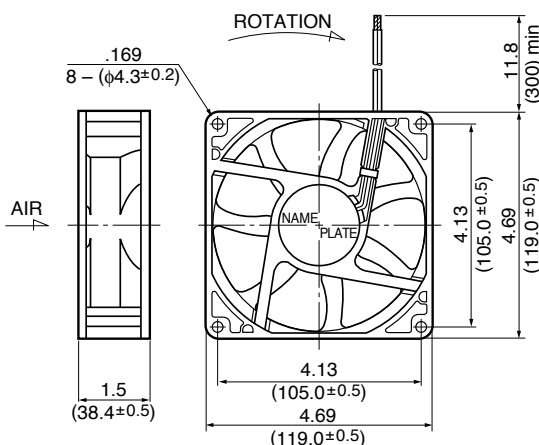
## Panel Cut-Outs



## Characteristic Curves



## Outline



## 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)  |
| 4715KL-04W-B10- | X00         | 12            | 6.0 ~ 13.8        | 0.27    | 3.24        | 2300                   | 83.6          | 2.37                    | .17                  | 44.1   | 37.0   | 260  |
| 4715KL-04W-B20- | X00         | 12            | 6.0 ~ 13.8        | 0.40    | 4.80        | 2650                   | 97.0          | 2.75                    | .22                  | 55.9   | 41.0   | 260  |
| 4715KL-04W-B30- | X00         | 12            | 6.0 ~ 13.8        | 0.55    | 6.60        | 2950                   | 108.0         | 3.07                    | .27                  | 68.2   | 42.5   | 260  |
| 4715KL-04W-B40- | X00         | 12            | 6.0 ~ 13.8        | 0.70    | 8.40        | 3200                   | 118.0         | 3.34                    | .33                  | 81.4   | 46.5   | 260  |
| 4715KL-04W-B50- | X00         | 12            | 9.5 ~ 12.6        | 1.00    | 12.00       | 3600                   | 129.9         | 3.68                    | .44                  | 110.0  | 50.0   | 260  |
| 4715KL-05W-B10- | X00         | 24            | 10.0 ~ 27.6       | 0.15    | 3.60        | 2300                   | 83.6          | 2.37                    | .17                  | 44.1   | 37.0   | 260  |
| 4715KL-05W-B20- | X00         | 24            | 10.0 ~ 27.6       | 0.21    | 5.04        | 2650                   | 97.0          | 2.75                    | .22                  | 55.9   | 41.0   | 260  |
| 4715KL-05W-B30- | X00         | 24            | 10.0 ~ 27.6       | 0.31    | 7.44        | 2950                   | 108.0         | 3.07                    | .27                  | 68.2   | 42.5   | 260  |
| 4715KL-05W-B40- | X00         | 24            | 10.0 ~ 27.6       | 0.35    | 8.40        | 3200                   | 118.0         | 3.34                    | .33                  | 81.4   | 46.5   | 260  |
| 4715KL-05W-B50- | X00         | 24            | 18.0 ~ 25.0       | 0.50    | 12.00       | 3600                   | 130.0         | 3.68                    | .44                  | 110.0  | 50.0   | 260  |
| 4715KL-07W-B10- | X00         | 48            | 25.0 ~ 55.2       | 0.08    | 3.84        | 2300                   | 83.6          | 2.37                    | .17                  | 44.1   | 37.0   | 260  |
| 4715KL-07W-B20- | X00         | 48            | 25.0 ~ 55.2       | 0.11    | 5.28        | 2650                   | 97.0          | 2.75                    | .22                  | 55.9   | 41.0   | 260  |
| 4715KL-07W-B30- | X00         | 48            | 25.0 ~ 55.2       | 0.16    | 7.68        | 2950                   | 108.0         | 3.07                    | .27                  | 68.2   | 42.5   | 260  |
| 4715KL-07W-B40- | X00         | 48            | 25.0 ~ 55.2       | 0.20    | 9.60        | 3200                   | 118.0         | 3.34                    | .33                  | 81.4   | 46.5   | 260  |
| 4715KL-07W-B50- | X00         | 48            | 30.0 ~ 60.0       | 0.16    | 7.68        | 3600                   | 130.0         | 3.68                    | .44                  | 110.0  | 50.0   | 260  |

Rotation: Clockwise

Airflow Outlet: Air Out Over Struts

\*1: Average Values in Free Air

\*\* Contact NMB for availability