

## General Specifications

### Motor Structure: Shaded Pole Induction Motor

## Motor Protection: Impedance Protection

**Insulation Resistance:**

10M  $\Omega$  or over with a DC500V Megger

Dielectric Withstand Voltage: AC 700V 1s

### Allowable Ambient Temperature Range:

-10°C ~ +70°C (Operating)

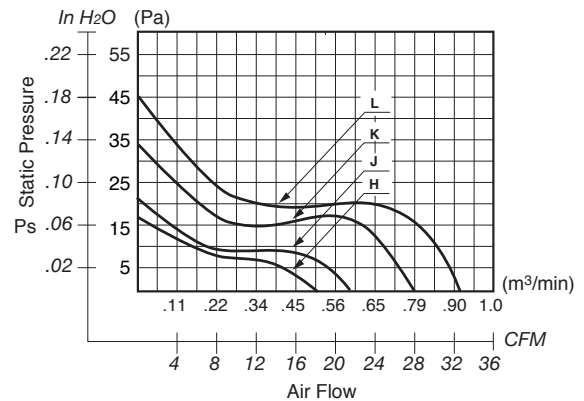
-40°C ~ +70°C (Storage)

(non-condensing environment)

### Expected Life

Failure Rate: 10%

25°C      50,000 Hours



## Material

Casing : Aluminum

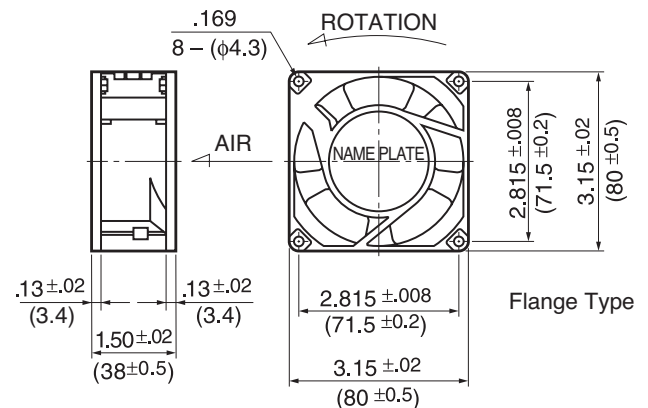
Impeller : UL94V-O Reinforced Plastic

Bearing : Ball Bearing

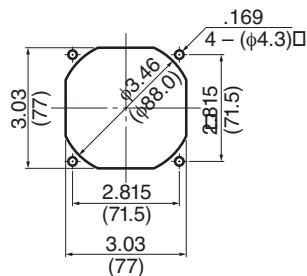
Lead Wire : AWG22, UL3266

or Terminal : Faston #110 or equivalent

## Outline



## Panel Cut-Outs

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

INLET SIDE / OUTLET SIDE

## Specifications

| MODEL             | LEGACY P/N         | Rated Voltage | Frequency | Starting Voltage | Current           | Input Power | Speed                              | Max. Air Flow    |                                     | Max. Static Pressure |                    | Noise              | Mass |
|-------------------|--------------------|---------------|-----------|------------------|-------------------|-------------|------------------------------------|------------------|-------------------------------------|----------------------|--------------------|--------------------|------|
|                   |                    | (V)           | (Hz)      | (V)              | (A) <sup>*1</sup> | (W)         | (min <sup>-1</sup> ) <sup>*2</sup> | CFM <sup>†</sup> | (m <sup>3</sup> /min) <sup>*2</sup> | in H <sub>2</sub> O  | (Pa) <sup>*2</sup> | (dB) <sup>*2</sup> | (g)  |
| 08038FB-A1H-EA-00 | 3115FS-12T-B00-A00 | 115           | 60        | 75               | 0.045             | 4.0         | 1850                               | 18.0             | 0.51                                | .07                  | 17.5               | 31                 | 340  |
| 08038FB-A1J-EA-00 | 3115FS-12T-B10-A00 | 115           | 60        | 75               | 0.087             | 6.5         | 2100                               | 22.0             | 0.62                                | .09                  | 22.5               | 36                 | 340  |
| 08038FB-A1K-EA-00 | 3115FS-12T-B20-A00 | 115           | 60        | 75               | 0.090             | 7.5         | 2700                               | 27.0             | 0.76                                | .13                  | 32.5               | 40                 | 340  |
| 08038FB-A1L-EA-00 | 3115FS-12T-B30-A00 | 115           | 60        | 75               | 0.100             | 8.5         | 3250                               | 32.0             | 0.90                                | .18                  | 45.0               | 44                 | 340  |
| 08038FB-B3J-EA-00 | 3115FS-23T-B10-A00 | 230           | 60        | 175              | 0.050             | 6.5         | 2050                               | 20.0             | 0.57                                | .09                  | 22.5               | 35                 | 340  |
| 08038FB-B3K-EA-00 | 3115FS-23T-B20-A00 | 230           | 60        | 175              | 0.060             | 7.5         | 2750                               | 28.0             | 0.79                                | .13                  | 32.5               | 40                 | 340  |
| 08038FB-B3L-EA-00 | 3115FS-23T-B30-A00 | 230           | 60        | 175              | 0.065             | 8.0         | 3250                               | 33.0             | 0.93                                | .18                  | 45.0               | 44                 | 340  |

Rotation: Counterclockwise

Airflow Outlet: Air In Over Struts

\*1: Maximum Values in Free Air

\*2: Average Values in Free Air

\*3: Minimum Values in Free Air