

## 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)

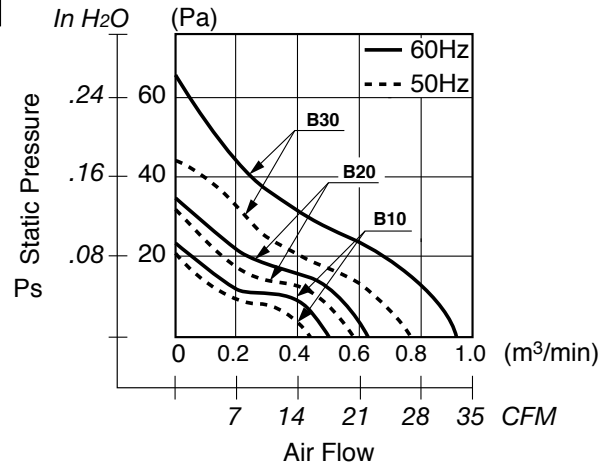
(non-condensing environment)

## Expected Life

**Failure Rate:** 10%

25°C 50,000 Hours

## Characteristic Curves



## Material

Casing : Aluminum

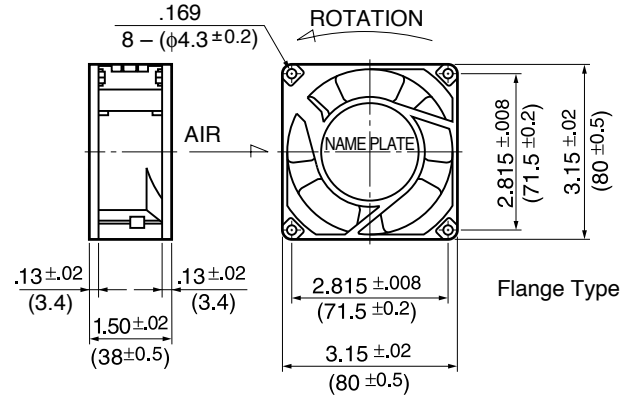
Impeller : Polycarbonate  
(Glass Fiber-Containing)

Bearing : Ball Bearing

Lead Wire : AWG22, UL3266, CSA CL1252

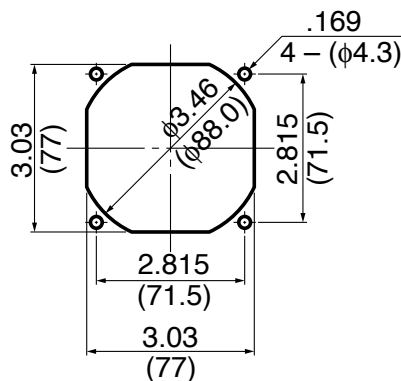
or Terminal : Faston #110 or equivalent

## Outline



## Panel Cut-Outs

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



INLET SIDE / OUTLET SIDE

## Specifications

| MODEL                 | 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) <sup>+10%<br/>-20%</sup> | (min <sup>-1</sup> ) <sup>*3</sup> | CFM           | (m <sup>3</sup> /min) <sup>*3</sup> | in H <sub>2</sub> O  | (Pa) <sup>*3</sup> | (dB) <sup>*2</sup> | (g)  |
| ** 3115PS-10T-B30-B00 | 100           | 50        | 65               | 0.170             | 9.0                          | 2700                               | 26.5          | 0.75                                | .14                  | 34.3               | 33.0               | 270  |
|                       | 100           | 60        | 65               | 0.120             | 7.0                          | 3200                               | 32.0          | 0.90                                | .20                  | 49.0               | 38.0               | 270  |
| 3115PS-12T-B30-A00    | 115           | 50        | 75               | 0.140             | 9.0                          | 2700                               | 26.5          | 0.75                                | .14                  | 34.3               | 33.0               | 270  |
|                       | 115           | 60        | 75               | 0.110             | 7.0                          | 3200                               | 32.0          | 0.90                                | .20                  | 49.0               | 38.0               | 270  |
| ** 3115PS-20T-B30-B00 | 200           | 50        | 130              | 0.080             | 9.0                          | 2700                               | 26.5          | 0.75                                | .14                  | 34.3               | 33.0               | 270  |
|                       | 200           | 60        | 130              | 0.060             | 7.0                          | 3200                               | 32.0          | 0.90                                | .20                  | 49.0               | 38.0               | 270  |
| ** 3115PS-22T-B30-B00 | 220           | 50        | 150              | 0.070             | 9.0                          | 2700                               | 26.5          | 0.75                                | .14                  | 34.3               | 33.0               | 270  |
|                       | 220           | 60        | 150              | 0.060             | 7.0                          | 3200                               | 32.0          | 0.90                                | .20                  | 49.0               | 38.0               | 270  |
| 3115PS-23T-B30-A00    | 230           | 50        | 150              | 0.070             | 10.0                         | 2700                               | 26.5          | 0.75                                | .14                  | 34.3               | 33.0               | 270  |
|                       | 230           | 60        | 150              | 0.055             | 8.0                          | 3200                               | 32.0          | 0.90                                | .20                  | 49.0               | 38.0               | 270  |
| ** 3115PS-24T-B30-A00 | 240           | 50        | 150              | 0.075             | 12.0                         | 2700                               | 26.5          | 0.75                                | .14                  | 34.3               | 33.0               | 270  |
|                       | 240           | 60        | 150              | 0.060             | 9.0                          | 3200                               | 32.0          | 0.90                                | .20                  | 49.0               | 38.0               | 270  |
| ** 3115PS-10T-B20-B00 | 100           | 50        | 65               | 0.080             | 4.5                          | 2100                               | 21.0          | 0.60                                | .10                  | 24.5               | 29.0               | 270  |
|                       | 100           | 60        | 65               | 0.070             | 4.0                          | 2300                               | 24.0          | 0.68                                | .12                  | 29.4               | 32.0               | 270  |
| 3115PS-12T-B20-A00    | 115           | 50        | 75               | 0.080             | 5.0                          | 2100                               | 21.0          | 0.60                                | .10                  | 24.5               | 29.0               | 270  |
|                       | 115           | 60        | 75               | 0.070             | 4.5                          | 2300                               | 24.0          | 0.68                                | .12                  | 29.4               | 32.0               | 270  |
| ** 3115PS-20T-B20-B00 | 200           | 50        | 130              | 0.040             | 4.5                          | 2100                               | 21.0          | 0.60                                | .10                  | 24.5               | 29.0               | 270  |
|                       | 200           | 60        | 160              | 0.035             | 4.0                          | 2300                               | 24.0          | 0.68                                | .13                  | 31.3               | 32.0               | 270  |
| ** 3115PS-22T-B20-B00 | 220           | 50        | 165              | 0.045             | 6.0                          | 2200                               | 22.0          | 0.63                                | .10                  | 24.5               | 29.0               | 270  |
|                       | 220           | 60        | 165              | 0.040             | 5.0                          | 2400                               | 25.4          | 0.72                                | .13                  | 31.3               | 34.0               | 270  |
| 3115PS-23T-B20-A00    | 230           | 50        | 150              | 0.050             | 7.0                          | 2200                               | 22.0          | 0.63                                | .10                  | 24.5               | 30.0               | 270  |
|                       | 230           | 60        | 150              | 0.045             | 6.0                          | 2500                               | 26.0          | 0.74                                | .14                  | 35.2               | 34.0               | 270  |
| ** 3115PS-24T-B20-A00 | 240           | 50        | 150              | 0.055             | 7.0                          | 2200                               | 22.0          | 0.63                                | .10                  | 24.5               | 30.0               | 270  |
|                       | 240           | 60        | 150              | 0.045             | 6.0                          | 2600                               | 26.5          | 0.75                                | .15                  | 37.2               | 35.0               | 270  |
| ** 3115PS-10T-B10-B00 | 100           | 50        | 65               | 0.065             | 4.5                          | 1700                               | 17.6          | 0.50                                | .06                  | 16.6               | 23.0               | 270  |
|                       | 100           | 60        | 65               | 0.055             | 4.0                          | 1900                               | 19.4          | 0.55                                | .08                  | 21.5               | 25.0               | 270  |
| 3115PS-12T-B10-A00    | 115           | 50        | 75               | 0.060             | 4.5                          | 1700                               | 17.6          | 0.50                                | .06                  | 16.6               | 23.0               | 270  |
|                       | 115           | 60        | 75               | 0.055             | 4.0                          | 1900                               | 19.4          | 0.55                                | .08                  | 21.5               | 25.0               | 270  |
| ** 3115PS-20T-B10-B00 | 200           | 50        | 130              | 0.045             | 4.5                          | 1700                               | 17.6          | 0.50                                | .06                  | 16.6               | 23.0               | 270  |
|                       | 200           | 60        | 160              | 0.040             | 4.0                          | 1900                               | 19.4          | 0.55                                | .08                  | 21.5               | 26.0               | 270  |
| ** 3115PS-22T-B10-B00 | 220           | 50        | 150              | 0.050             | 5.5                          | 1750                               | 17.6          | 0.50                                | .06                  | 16.6               | 23.0               | 270  |
|                       | 220           | 60        | 150              | 0.045             | 4.5                          | 2000                               | 21.2          | 0.60                                | .09                  | 23.5               | 26.0               | 270  |
| 3115PS-23T-B10-A00    | 230           | 50        | 150              | 0.055             | 6.0                          | 1800                               | 17.6          | 0.50                                | .07                  | 17.6               | 23.0               | 270  |
|                       | 230           | 60        | 150              | 0.050             | 5.0                          | 2100                               | 22.0          | 0.63                                | .10                  | 24.5               | 26.0               | 270  |
| ** 3115PS-24T-B10-A00 | 240           | 50        | 150              | 0.060             | 7.0                          | 1800                               | 17.6          | 0.50                                | .07                  | 17.6               | 23.0               | 270  |
|                       | 240           | 60        | 150              | 0.055             | 6.0                          | 2150                               | 21.6          | 0.64                                | .10                  | 25.4               | 26.0               | 270  |

Rotation: Counterclockwise

\*\* Contact NMB for Availability

Airflow Outlet: Air Out Over Struts

\*1: Maximum Values in Free Air

\*2: Average Values in Free Air

\*3: Minimum Values in Free Air