

**08038PB**

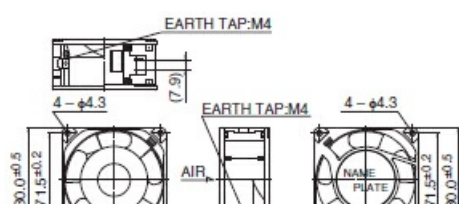
2021/09/13

**General Specifications**

Motor Structure: Shaded Pole Induction Motor  
 Motor Protection: Impedance Protection  
 Insulation Resistance: Min 100M ohm by DC 500V Megger  
 Dielectric Withstand Voltage: AC1800V 3s  
 Allowable Ambient Temperature Range:  
 -10deg.C - +70deg.C (Operating)  
 -40deg.C - +70deg.C (Storage)  
 non-condensing environment Old model name: 3115PS

**Expected Life**

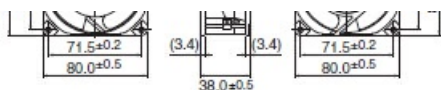
25deg.C 100,000 Hours \*Failure Rate 10% (L10 Life)

**Outline****Material**

Casing: Aluminum (Black Painting)  
 Impeller: Plastic (Black) UL94V-0  
 Bearing: Ball Bearing  
 Terminal: Faston #110 or Equiv  
 \* Lead Wire type is also available.

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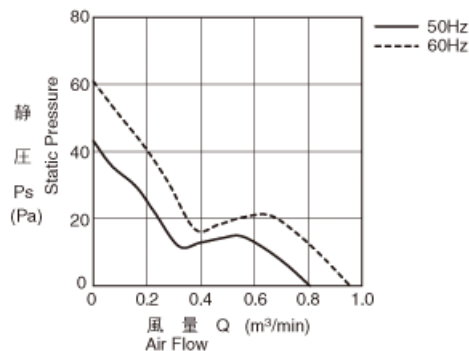


二端子タイプ  
 (端子厚0.5mm)

\* Only flange type casing is available.

Lead Wire:UL3266, AWG22

## Characteristic Curves



## Specifications

| Model           | Product No | Nominal Voltage [V] | Frequency [Hz] | Starting Voltage [V] | Current [A] | Input Power +10%/-20% [W] |
|-----------------|------------|---------------------|----------------|----------------------|-------------|---------------------------|
| 08038PB-A0L-EA- | 00         | 100                 | 50             | 65                   | 0.170       | 9.0                       |
| 08038PB-A0L-EA- | 00         | 100                 | 60             | 65                   | 0.120       | 7.0                       |
| 08038PB-A1L-EA- | 00         | 115                 | 50             | 75                   | 0.140       | 9.0                       |
| 08038PB-A1L-EA- | 00         | 115                 | 60             | 75                   | 0.110       | 7.0                       |
| 08038PB-B0L-EA- | 00         | 200                 | 50             | 130                  | 0.080       | 9.0                       |
| 08038PB-B0L-EA- | 00         | 200                 | 60             | 130                  | 0.060       | 7.0                       |
| 08038PB-B2L-EA- | 00         | 220                 | 50             | 150                  | 0.070       | 9.0                       |
| 08038PB-B2L-EA- | 00         | 220                 | 60             | 150                  | 0.060       | 7.0                       |
| 08038PB-B3L-EA- | 00         | 230                 | 50             | 150                  | 0.070       | 10.0                      |
| 08038PB-B3L-EA- | 00         | 230                 | 60             | 150                  | 0.055       | 8.0                       |
| 08038PB-B4L-EA- | 00         | 240                 | 50             | 150                  | 0.075       | 12.0                      |
| 08038PB-B4L-EA- | 00         | 240                 | 60             | 150                  | 0.060       | 9.0                       |

| Model | Speed [min <sup>-1</sup> ] | Max. Air Flow [m3/min] | Max. Air Flow [CFM] | Max. Static Pressure [In H2O] | Noise [dB] | Mass [g] |
|-------|----------------------------|------------------------|---------------------|-------------------------------|------------|----------|
|       |                            |                        |                     |                               |            |          |

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|                 |      |      |      |      |      |     |
|-----------------|------|------|------|------|------|-----|
| 08038PB-A0L-EA- | 2700 | 0.75 | 26.8 | 0.14 | 33.0 | 270 |
| 08038PB-A0L-EA- | 3200 | 0.90 | 32.1 | 0.20 | 38.0 | 270 |
| 08038PB-A1L-EA- | 2700 | 0.75 | 26.8 | 0.14 | 33.0 | 270 |
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| 08038PB-B4L-EA- | 2700 | 0.75 | 26.8 | 0.14 | 33.0 | 270 |
| 08038PB-B4L-EA- | 3200 | 0.90 | 32.1 | 0.20 | 38.0 | 270 |

Rotation: Counterclockwise as seen from the label side

Airflow Outlet: Label side

\*1: Average Values in Free Air

\*2: Maximum Values in Free Air

\*3: Minimum Values in Free Air