

## 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:

-10°C ~ +70°C (Operating)

-40°C ~ +70°C (Storage)

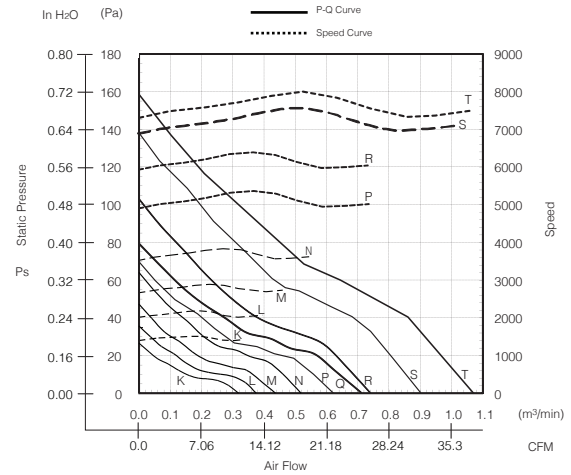
(non-condensing environment)

## Expected Life

### Failure Rate: 10%

60°C 40,000 Hours (AA/EA)

## Characteristic Curves



## Material

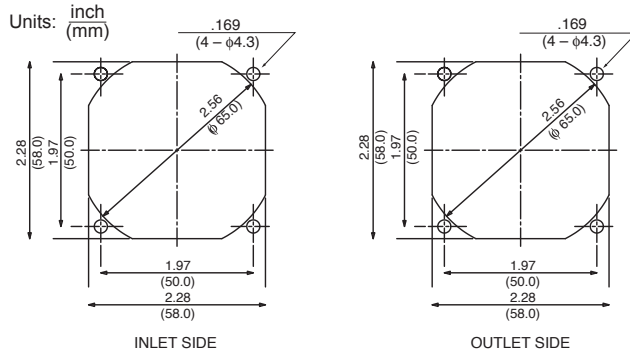
Casing : Plastic (Black) 94V-0

Impeller : Plastic (Black) 94V-0

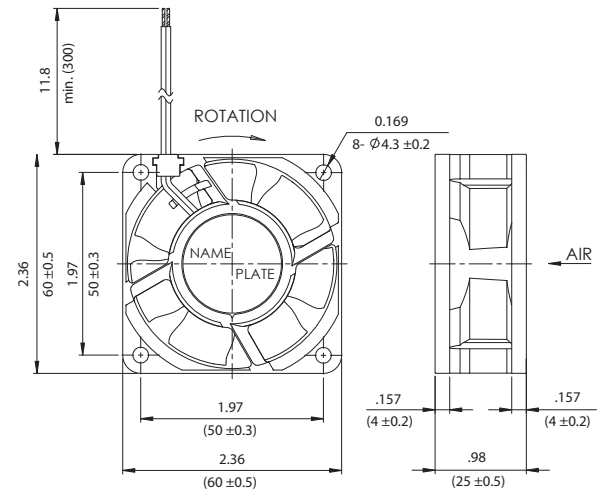
Bearing : Ball Bearing

Lead Wire : UL3385, AWG26, +Red, -Black

## Panel Cut-Outs



## Outline



## Specifications

| MODEL             | LEGACY P/N         | 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         | (m³/min)*1 | in H <sub>2</sub> O  | (Pa)*1 | (dB)*1 | (g)  |
| 06025SA-12K-AA-D0 | 2410SB-04W-B20-B00 | 12            | 6.0 ~ 13.8        | 0.06    | 0.72        | 3000                   | 14.5          | 0.41       | 0.10                 | 26     | 17.0   | 56   |
| 06025SA-12L-AA-D0 | 2410SB-04W-B30-B00 | 12            | 6.0 ~ 13.8        | 0.08    | 0.96        | 3500                   | 16.9          | 0.48       | 0.14                 | 35     | 22.5   | 56   |
| 06025SA-12M-AA-D0 | 2410SB-04W-B40-B00 | 12            | 6.0 ~ 13.8        | 0.10    | 1.20        | 4000                   | 19.8          | 0.56       | 0.18                 | 46     | 26.5   | 56   |
| 06025SA-12N-AA-D0 | 2410SB-04W-B50-B00 | 12            | 6.0 ~ 13.8        | 0.15    | 1.80        | 4700                   | 23.3          | 0.66       | 0.25                 | 63     | 32.0   | 56   |
| 06025SA-12P-AA-D0 | 2410SB-04W-B60-B00 | 12            | 6.0 ~ 13.8        | 0.17    | 2.04        | 4900                   | 24.0          | 0.68       | 0.27                 | 68     | 33.0   | 56   |
| 06025SA-12Q-AA-D0 | 2410SB-04W-B70-B00 | 12            | 6.0 ~ 13.2        | 0.20    | 2.40        | 5300                   | 26.8          | 0.76       | 0.32                 | 80     | 35.0   | 56   |
| 06025SA-12R-AA-D0 | 2410SB-04W-B80-B00 | 12            | 10.8 ~ 13.2       | 0.23    | 2.76        | 6000                   | 30.0          | 0.85       | 0.41                 | 101    | 38.5   | 56   |
| 06025SA-12S-AA-D0 | 2410SB-04W-B90-B00 | 12            | 7.0 ~ 13.2        | 0.34    | 4.08        | 7000                   | 35.7          | 1.01       | 0.55                 | 138    | 42.5   | 56   |
| 06025SA-12T-AA-D0 | 2410SB-04W-BA0-B00 | 12            | 10.8 ~ 13.2       | 0.43    | 5.16        | 7500                   | 37.8          | 1.07       | 0.63                 | 158    | 47.0   | 56   |

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| MODEL             | LEGACY P/N         | Rated Voltage | Operating Voltage | Current           | Input Power       | Speed                              | Max. Air Flow     |                                     | Max. Static Pressure |                    | Noise              | Mass |
|-------------------|--------------------|---------------|-------------------|-------------------|-------------------|------------------------------------|-------------------|-------------------------------------|----------------------|--------------------|--------------------|------|
|                   |                    | (V)           | (V)               | (A) <sup>*1</sup> | (W) <sup>*1</sup> | (min <sup>-1</sup> ) <sup>*1</sup> | CFM <sup>*1</sup> | (m <sup>3</sup> /min) <sup>*1</sup> | in H <sub>2</sub> O  | (Pa) <sup>*1</sup> | (dB) <sup>*1</sup> | (g)  |
| 06025SA-24K-AA-D0 | 2410SB-05W-B20-B00 | 24            | 12.0 ~ 27.6       | 0.03              | 0.72              | 3000                               | 14.5              | 0.41                                | 0.10                 | 26                 | 17.0               | 56   |
| 06025SA-24L-AA-D0 | 2410SB-05W-B30-B00 | 24            | 12.0 ~ 27.6       | 0.04              | 0.96              | 3500                               | 16.9              | 0.48                                | 0.14                 | 35                 | 22.5               | 56   |
| 06025SA-24M-AA-D0 | 2410SB-05W-B40-B00 | 24            | 12.0 ~ 27.6       | 0.06              | 1.44              | 4000                               | 19.8              | 0.56                                | 0.18                 | 46                 | 26.5               | 56   |
| 06025SA-24N-AA-D0 | 2410SB-05W-B50-B00 | 24            | 12.0 ~ 27.6       | 0.08              | 1.92              | 4700                               | 23.3              | 0.56                                | 0.25                 | 63                 | 32.0               | 56   |
| 06025SA-24P-AA-D0 | 2410SB-05W-B60-B00 | 24            | 12.0 ~ 27.6       | 0.07              | 1.68              | 4900                               | 24.0              | 0.68                                | 0.27                 | 68                 | 33.0               | 56   |
| 06025SA-24Q-AA-D0 | 2410SB-05W-B70-B00 | 24            | 12.0 ~ 27.6       | 0.10              | 2.40              | 5300                               | 26.8              | 0.76                                | 0.32                 | 80                 | 35.0               | 56   |
| 06025SA-24R-AA-D0 | 2410SB-05W-B80-B00 | 24            | 12.0 ~ 27.6       | 0.10              | 2.40              | 6000                               | 30.0              | 0.85                                | 0.41                 | 101                | 38.5               | 56   |
| 06025SA-24S-AA-D0 | 2410SB-05W-B90-B00 | 24            | 12.0 ~ 27.6       | 0.17              | 4.08              | 7000                               | 35.7              | 1.01                                | 0.55                 | 138                | 42.5               | 56   |
| 06025SA-24T-AA-D0 | 2410SB-05W-BA0-B00 | 24            | 10.0 ~ 26.4       | 0.18              | 4.32              | 7500                               | 37.8              | 1.07                                | 0.64                 | 159                | 47.0               | 56   |

Rotation: Clockwise

Airflow Outlet: Air Out Over Struts

\*1: Average Values in Free Air

PWM/Locked Rotor/Tach Available

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