

## 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%

25°C 100,000 Hours (B00/E00)

## Material

Casing : Plastic (Black) 94V-0

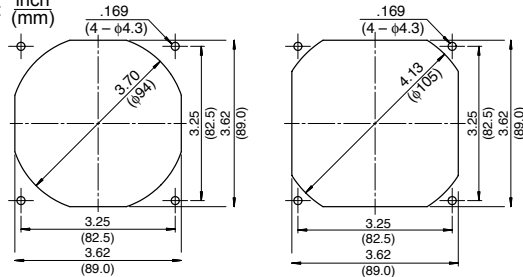
Impeller : Plastic (Black) 94V-0

Bearing : Ball Bearing

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

## Panel Cut-Outs

Units: inch (mm)



INLET SIDE

OUTLET SIDE

## Specifications

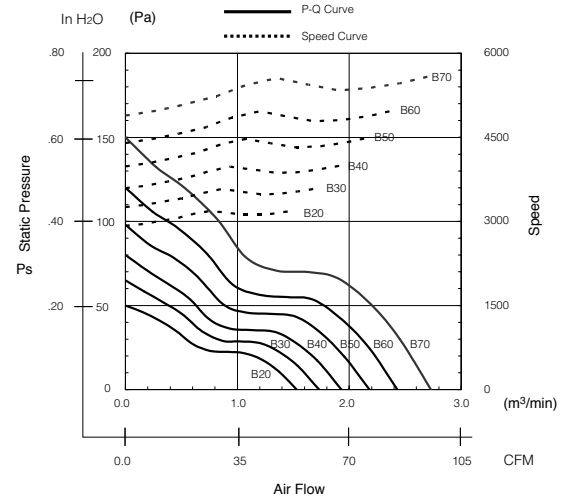
| MODEL           | Product No. | Rated Voltage | Operating Voltage | Current           | Input Power       | Speed                              | Max. Air Flow     |                                     | Max. Static Pressure |                    | Noise              | Mass |
|-----------------|-------------|---------------|-------------------|-------------------|-------------------|------------------------------------|-------------------|-------------------------------------|----------------------|--------------------|--------------------|------|
|                 |             | (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)  |
| 3610VL-04W-B20- | B/EXX       | 12            | 7.0 ~ 13.8        | 0.18              | 2.16              | 3200                               | 54.0              | 1.53                                | .20                  | 50                 | 35.5               | 135  |
| 3610VL-04W-B30- | B/EXX       | 12            | 7.0 ~ 13.8        | 0.24              | 2.88              | 3600                               | 61.1              | 1.73                                | .26                  | 65                 | 38.5               | 135  |
| 3610VL-04W-B40- | B/EXX       | 12            | 7.0 ~ 13.8        | 0.30              | 3.60              | 4000                               | 68.1              | 1.93                                | .32                  | 80                 | 42.0               | 135  |
| 3610VL-04W-B50- | B/EXX       | 12            | 7.0 ~ 13.8        | 0.40              | 4.80              | 4500                               | 77.0              | 2.18                                | .39                  | 98                 | 45.0               | 135  |
| 3610VL-04W-B60- | B/EXX       | 12            | 7.0 ~ 13.8        | 0.52              | 6.24              | 5000                               | 85.8              | 2.43                                | .48                  | 120                | 48.0               | 135  |
| 3610VL-04W-B70- | B/EXX       | 12            | 7.0 ~ 13.8        | 0.72              | 8.64              | 5600                               | 96.4              | 2.73                                | .60                  | 150                | 51.0               | 135  |
| 3610VL-05W-B20- | B/EXX       | 24            | 14.0 ~ 27.6       | 0.11              | 2.64              | 3200                               | 54.0              | 1.53                                | .20                  | 50                 | 35.5               | 135  |
| 3610VL-05W-B30- | B/EXX       | 24            | 14.0 ~ 27.6       | 0.14              | 3.36              | 3600                               | 61.1              | 1.73                                | .26                  | 65                 | 38.5               | 135  |
| 3610VL-05W-B40- | B/EXX       | 24            | 14.0 ~ 27.6       | 0.17              | 4.08              | 4000                               | 68.1              | 1.93                                | .32                  | 80                 | 42.0               | 135  |
| 3610VL-05W-B50- | B/EXX       | 24            | 14.0 ~ 27.6       | 0.22              | 5.28              | 4500                               | 77.0              | 2.18                                | .39                  | 98                 | 45.0               | 135  |
| 3610VL-05W-B60- | B/EXX       | 24            | 14.0 ~ 27.6       | 0.28              | 6.72              | 5000                               | 85.8              | 2.43                                | .48                  | 120                | 48.0               | 135  |
| 3610VL-05W-B70- | B/EXX       | 24            | 14.0 ~ 27.6       | 0.38              | 9.12              | 5600                               | 96.4              | 2.73                                | .60                  | 150                | 51.0               | 135  |

Rotation: Clockwise

Airflow Outlet: Air Out Over Struts

\*1: Average Values in Free Air

## Characteristic Curves



## Outline

