

## 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)

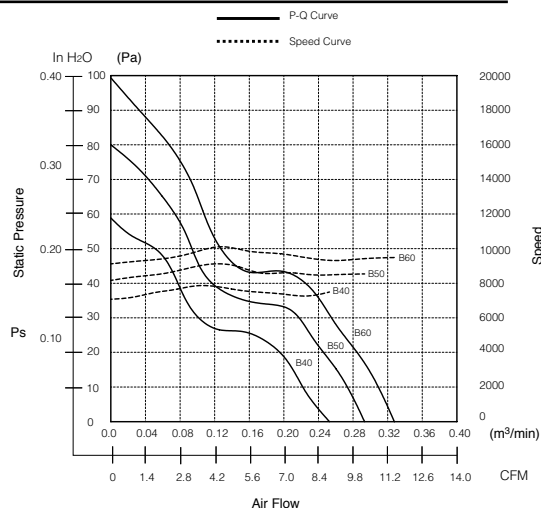
(non-condensing environment)

## Expected Life

### Failure Rate: 10%

25°C 50,000 Hours (B00)

## Characteristic Curves



## Material

Casing : Plastic (Black) 94V-0

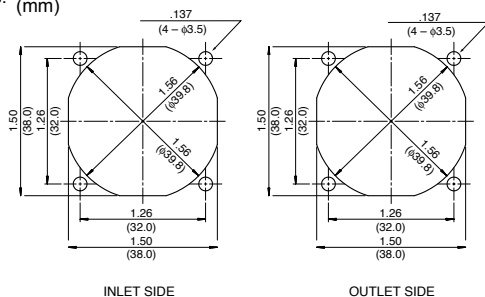
Impeller : Plastic (Black) 94V-0

Bearing : Ball Bearing

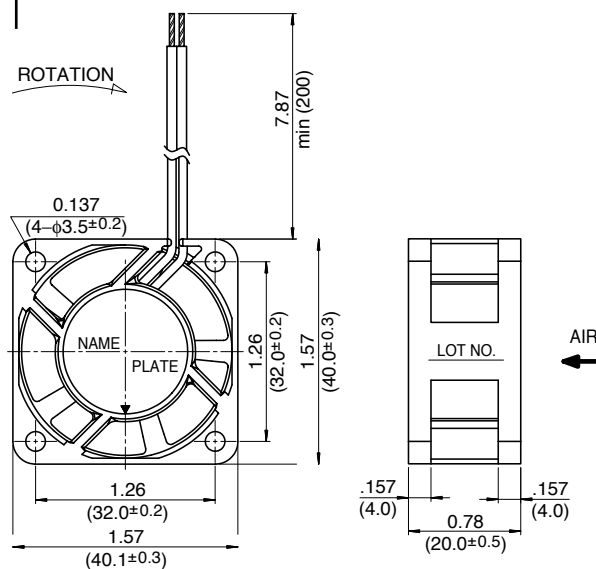
Lead Wire : UL1007, AWG26, +Red, -Black

## Panel Cut-Outs

Units: inch  
(mm)



## Outline



## Specifications

| MODEL           | Product No. | 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         | (m <sup>3</sup> /min)*1 | in H <sub>2</sub> O  | (Pa)*1 | (dB)*1 | (g)  |
| 1608VL-04W-B40- | BXX         | 12            | 7.0 ~ 13.2        | 0.08    | 1.02        | 7500                   | 8.8           | 0.25                    | .24                  | 58.8   | 29.0   | 40   |
| 1608VL-04W-B50- | BXX         | 12            | 7.0 ~ 13.2        | 0.11    | 1.32        | 8500                   | 10.2          | 0.29                    | .31                  | 76.6   | 31.4   | 40   |
| 1608VL-04W-B60- | BXX         | 12            | 7.0 ~ 13.2        | 0.13    | 1.56        | 9500                   | 11.3          | 0.32                    | .40                  | 99.3   | 34.6   | 40   |
| 1608VL-05W-B40- | BXX         | 24            | 14.0 ~ 26.4       | 0.05    | 1.20        | 7500                   | 8.8           | 0.25                    | .24                  | 58.8   | 29.0   | 40   |
| 1608VL-05W-B50- | BXX         | 24            | 14.0 ~ 26.4       | 0.07    | 1.68        | 8500                   | 10.2          | 0.29                    | .31                  | 76.6   | 31.4   | 40   |
| 1608VL-05W-B60- | BXX         | 24            | 14.0 ~ 26.4       | 0.10    | 2.40        | 9500                   | 11.3          | 0.32                    | .40                  | 99.3   | 34.6   | 40   |

Rotation: Clockwise

Airflow Outlet: Air Out Over Struts

\*1: Average Values in Free Air