

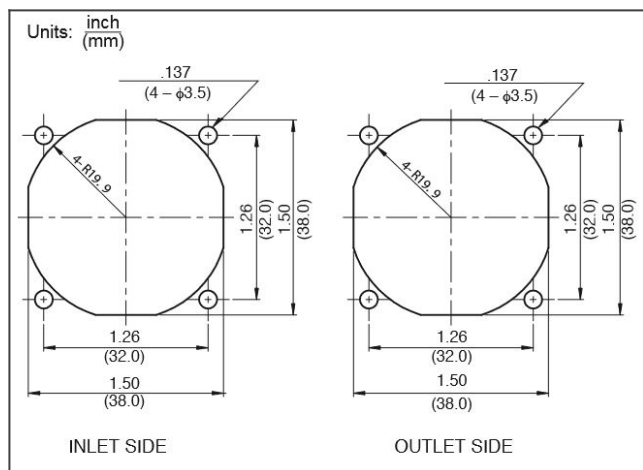
## General Specifications

Motor Protection: Auto Restart/Polarity Protection  
Insulation Resistance: 10M Ohm or over with a DC500V Megger  
Dielectric Withstand Voltage: AC 700V 1st  
Allowable Ambient Temperature Range:  
-10 degree C ~ +70 degree C (Operating)  
-40 degree C ~ +70 degree C (Storage)  
(non-condensing environment)

**order part 1608VL-05W-B40-B00 Ball Bearing Fan DC Fans**



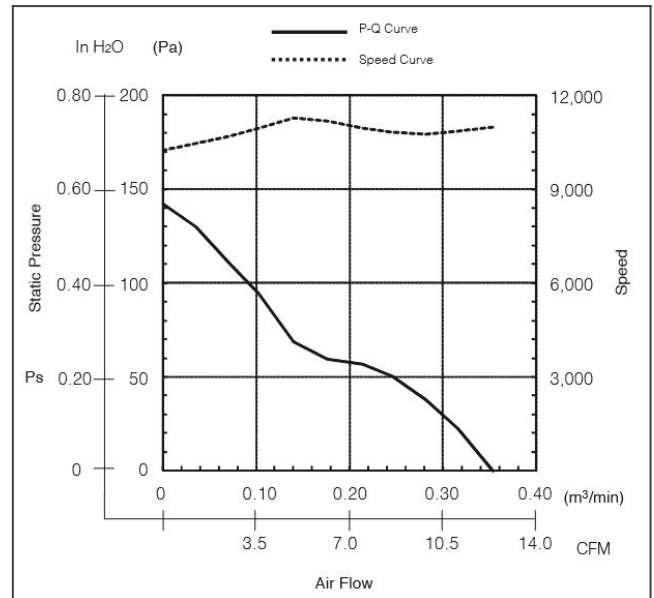
## 1608VL panel cut out



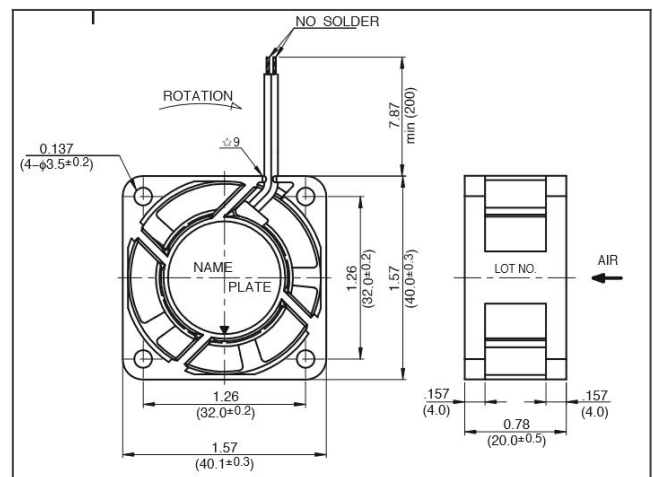
## Material

Casing: Plastic (Black) UL94V-0  
Impeller: Plastic (Black) UL94V-0  
Lead Wire: UL3385, AWG26, +Red, -Black

## 1608VL characteristic curve



## 1608VL product drawing



## Detailed Specifications

### DC Fans

|                                 |                                 |
|---------------------------------|---------------------------------|
| <b>Expected Life:</b>           | 25 degree C 100,000 Hours (L10) |
| <b>DC Fan:</b>                  | Ball Bearing Fan                |
| <b>Nominal Voltage:</b>         | 24[V]                           |
| <b>Operating Voltage Lower:</b> | 14[V]                           |
| <b>Operating Voltage Upper:</b> | 26.4[V]                         |
| <b>Current:</b>                 | 0.05[A]                         |
| <b>Input Power:</b>             | 1.2[W]                          |
| <b>Speed:</b>                   | 7500[ $\text{min}^{-1}$ ]       |
| <b>Max. Air Flow:</b>           | 0.25[m <sup>3</sup> /min]       |
| <b>Max. Air Flow:</b>           | 8.8[CFM]                        |
| <b>Max. Static Pressure:</b>    | 58.8[Pa]                        |
| <b>Max. Static Pressure:</b>    | 0.24[In H <sub>2</sub> O]       |
| <b>Noise:</b>                   | 29[dB]                          |
| <b>Mass:</b>                    | 40[g]                           |
| <b>Fan Size:</b>                | 40[mm]                          |
| <b>Fan Width:</b>               | 20[mm]                          |
| <b>Life Expectancy L10:</b>     | 25 degree C 100,000 Hours (L10) |
| <b>Series:</b>                  | 1608VL                          |