

## General Specifications

Motor Protection: Auto Restart/Polarity Protection  
 Insulation Resistance: 10M Ohms or over with a DC500V Megger  
 Dielectric Withstand Voltage: AC 700V 1st  
 Allowable Ambient Temperature Range:  
 K-L Class: -10 degrees C ~ +70 degrees C (Operating)  
 M Class: -10 degrees C ~ +60 degrees C (Operating)  
 All Class: -40 degrees C ~ +70 degrees C (Storage)  
 (non-condensing environment)

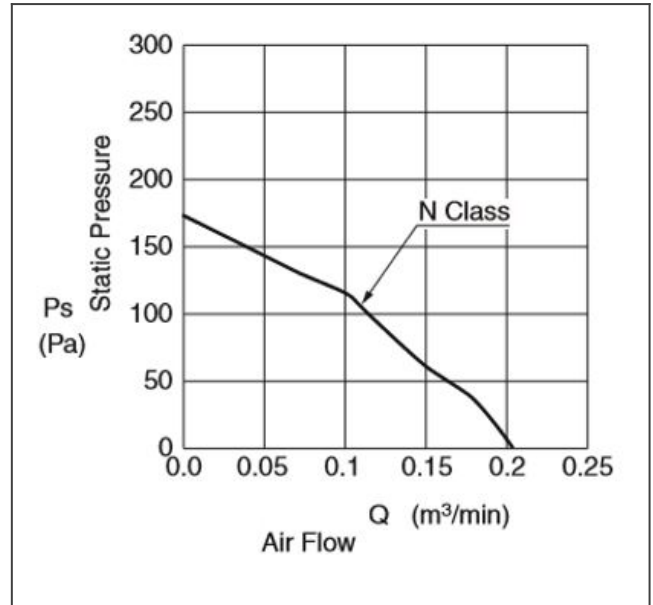
**order part 05125GS-12N-AAD-00 Ball Bearing Blower DC Blowers**



## Material

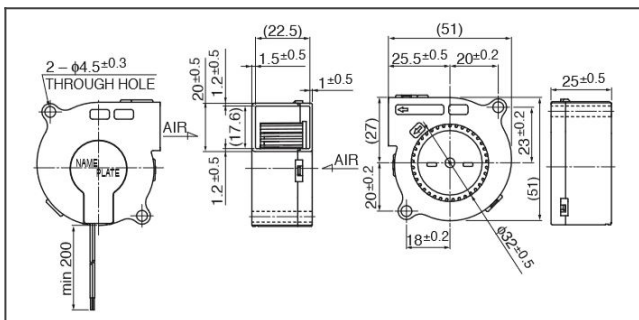
Casing: Plastic (Black) UL94V-0  
 Impeller: Plastic (Black) UL94V-0  
 Lead Wire: UL1061, AWG26, +Red, -Black

**05125GS characteristic curve**



**DC Blowers**

**05125GS product drawing**



## Detailed Specifications

|                                 |                                |
|---------------------------------|--------------------------------|
| <b>Expected Life:</b>           | 25 degree C 50,000 Hours (L10) |
| <b>DC Blowers:</b>              | Ball Bearing Blower            |
| <b>Nominal Voltage:</b>         | 12[V]                          |
| <b>Operating Voltage Lower:</b> | 6[V]                           |
| <b>Operating Voltage Upper:</b> | 13.8[V]                        |
| <b>Nominal Current:</b>         | 0.2[A]                         |
| <b>Input Power:</b>             | 2.4[W]                         |
| <b>Speed:</b>                   | 5700[ $\text{min}^{-1}$ ]      |
| <b>Max. Air Flow:</b>           | 0.2[m <sup>3</sup> /min]       |
| <b>Max. Air Flow:</b>           | 7.1[CFM]                       |
| <b>Max. Static Pressure:</b>    | 170[Pa]                        |
| <b>Max. Static Pressure:</b>    | 0.68[In H <sub>2</sub> O]      |
| <b>Noise:</b>                   | 39[dB]                         |
| <b>Mass:</b>                    | 35[g]                          |
| <b>Blower Size:</b>             | 51[mm]                         |
| <b>Blower Width:</b>            | 25[mm]                         |