

## 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)

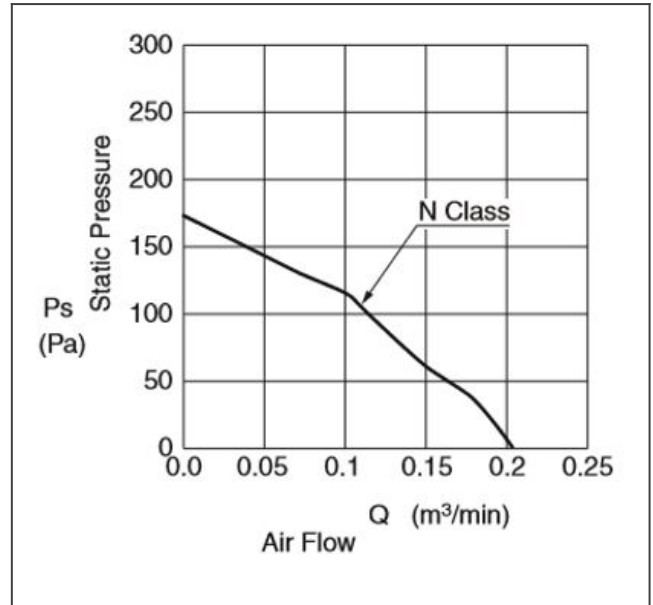
**order part 05125GS-12N-AA-D0 Ball Bearing Blower DC Blowers**



## Material

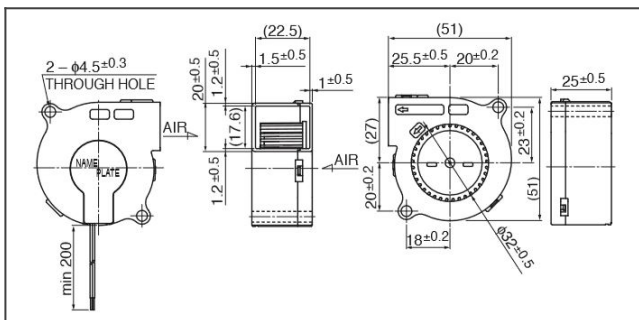
Casing: Plastic (Black) UL94V-0  
 Impeller: Plastic (Black) UL94V-0  
 Lead Wire: UL1061, AWG26, +Red, -Black

**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[ $\text{m}^3/\text{min}$ ]
<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]