

### General Specifications

**Motor Protection:**

Auto Restart/Polarity Protection

**Insulation Resistance:**

10M Ω 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 (L10)

### Material

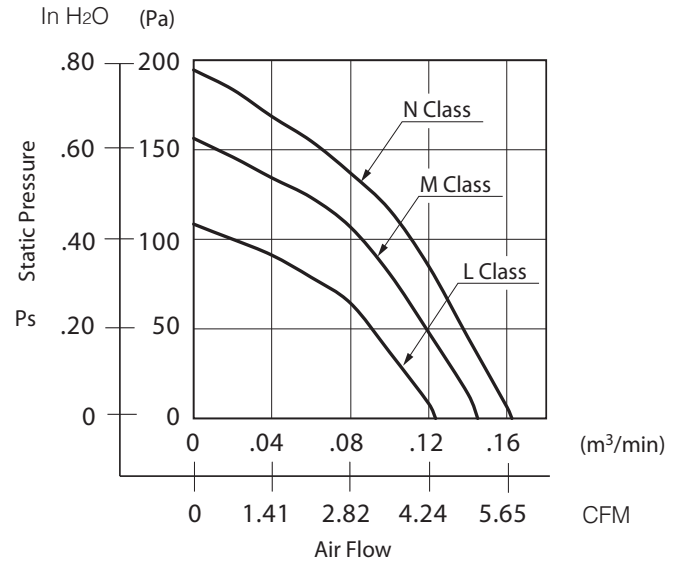
Casing : Plastic (Black) 94V-0 (Lower)  
: Steel (Upper)

Impeller : Plastic (Black) 94V-0

Bearing : Ball Bearing

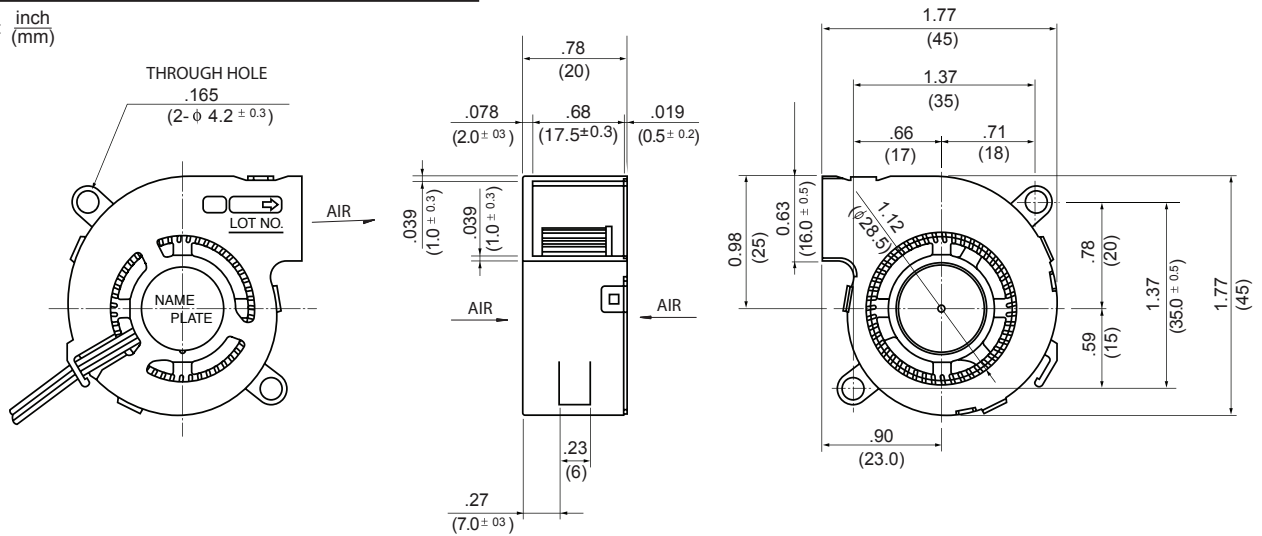
Lead Wire : UL1061, AWG26, + Red, - Black

### Characteristic Curves



### Outline

Units: inch (mm)



### 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)  |
| 04520GA-12L-AA | 00          | 12            | 6.0 ~ 13.8        | 0.09    | 1.08        | 6000                   | 4.2           | 0.12                    | .40                  | 100    | 27.0   | 25   |
| 04520GA-12M-AA | 00          | 12            | 6.0 ~ 13.8        | 0.15    | 1.80        | 7000                   | 4.9           | 0.14                    | .60                  | 150    | 32.0   | 25   |
| 04520GA-12N-AA | 00          | 12            | 6.0 ~ 13.8        | 0.17    | 2.04        | 7700                   | 5.6           | 0.16                    | .76                  | 190    | 35.0   | 25   |

Rotation: Clockwise

\*1: Average Values in Free Air