

## General Specifications

### Motor Protection:

Auto Restart

### Insulation Resistance:

10M  $\Omega$  or over with a DC500V Megger

### Dielectric Withstand Voltage: AC 700V 1s

### Allowable Ambient Temperature Range:

-40°C ~ +40°C (Operating)

-40°C ~ +60°C (Storage)

(non-condensing environment)

## Expected Life

-20°C 70,000 Hours (L10)

## Material

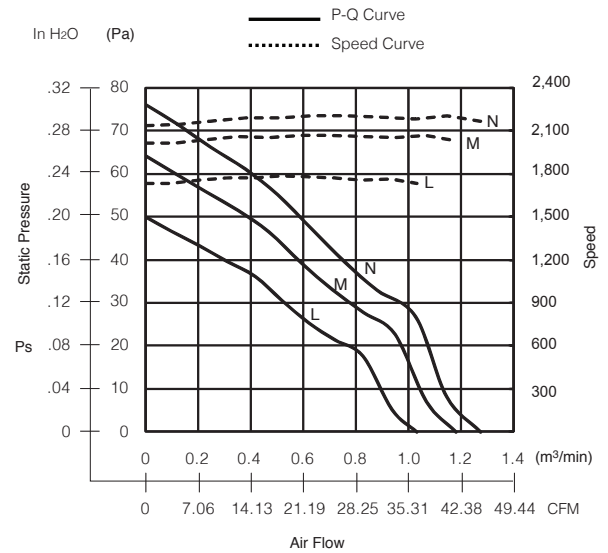
Casing : Plastic (Black) UL94V-0

Impeller : Plastic (Black) UL94V-0

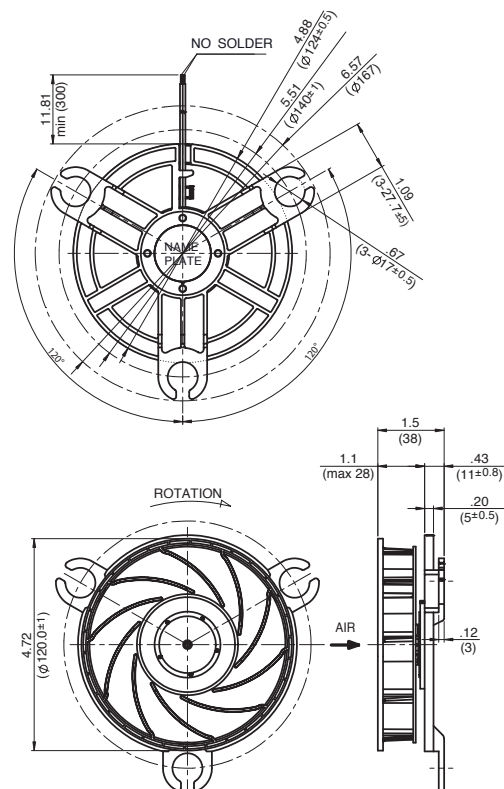
Bearing : Ball Bearing

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

## Characteristic Curves



## Outline



## Specifications

| MODEL             | 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         | (m³/min)*1 | in H <sub>2</sub> O  | (Pa)*1 | (dB)*1 | (g)  |
| 12038GE-12L-YA-F0 | 12            | 7.0 ~ 13.2        | 0.15    | 1.80        | 1600                   | 36.37         | 1.03       | .20                  | 50.0   | 32.0   | 175  |
| 12038GE-12M-YA-F0 | 12            | 7.0 ~ 13.2        | 0.21    | 2.52        | 1830                   | 41.67         | 1.18       | .26                  | 64.0   | 36.0   | 175  |
| 12038GE-12N-YA-F0 | 12            | 7.0 ~ 13.2        | 0.24    | 2.88        | 1950                   | 45.20         | 1.28       | .31                  | 76.0   | 38.0   | 175  |

Rotation: Clockwise

Airflow Outlet: Air Out Over Struts

\*1: Average Values in Free Air

Note: PWM/Locked Rotor/Tach Available