

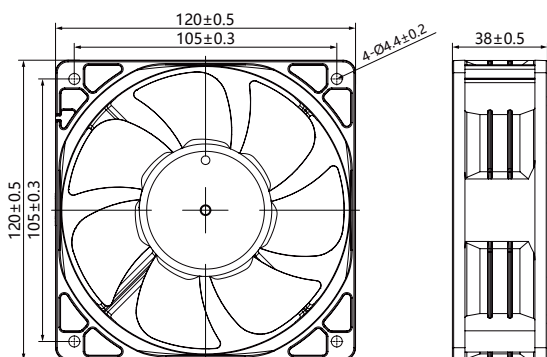
# GD12038 Series

120x120x38mm (4.7"x4.7"x1.5")

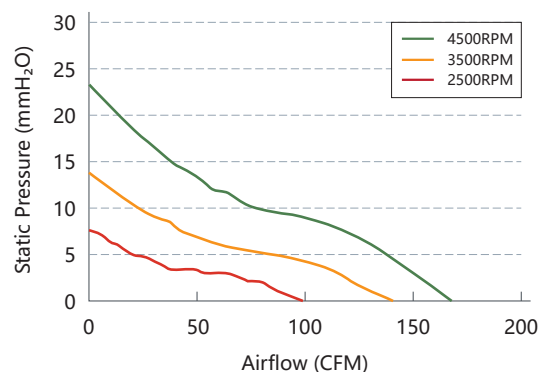


|                 |                                                                      |
|-----------------|----------------------------------------------------------------------|
| Fan Frame:      | Thermoplastic PBT UL 94V-0                                           |
| Fan Impeller:   | Thermoplastic PBT UL 94V-0                                           |
| Bearing system: | Ball bearing and Sleeve bearing available                            |
| Operation Temp: | -30~70°C (Ball bearing)<br>-10~55°C (Sleeve bearing)                 |
| Service Life:   | 70000hours @40°C (Ball bearing)<br>30000hours @40°C (Sleeve bearing) |
| Weight:         | 301.5g                                                               |
| Option:         | Customized IP67/IP68 protection level                                |

## Engineering Drawing (mm)



## Air Performance



## Available Functions

### Motor protection

| RP | SS | AS | CL | OVP |
|----|----|----|----|-----|
| ●  | ●  | ●  | ○  | ○   |

### Signal output

| FG | RD | RDB | LD |
|----|----|-----|----|
| ●  | ●  | ○   | ○  |

### Speed control mode

| PWM | TC | VC | CC | CS |
|-----|----|----|----|----|
| ●   | ○  | ○  | ○  | ○  |

## Specifications

| Model      | Voltage | Voltage Range | Current | Power | Speed | Maximum Air Flow    |       | Maximum Air Pressure |                     | Noise |
|------------|---------|---------------|---------|-------|-------|---------------------|-------|----------------------|---------------------|-------|
| No.        | VDC     | VDC           | A       | W     | RPM   | m <sup>3</sup> /min | CFM   | mmH <sub>2</sub> O   | IN H <sub>2</sub> O | dB(A) |
| GD12038L12 | 12      | 6.0 to 13.5   | 0.35    | 4.2   | 2500  | 2.77                | 97.91 | 7.62                 | 0.3                 | 41.5  |
| GD12038L24 | 24      | 18 to 26.5    | 0.15    | 3.6   |       |                     |       |                      |                     |       |
| GD12038L48 | 48      | 36 to 54      | 0.08    | 3.84  |       |                     |       |                      |                     |       |
| GD12038M12 | 12      | 6.0 to 13.5   | 0.8     | 9.6   | 3500  | 3.95                | 139.4 | 13.69                | 0.54                | 50.6  |
| GD12038M24 | 24      | 18 to 26.5    | 0.3     | 7.2   |       |                     |       |                      |                     |       |
| GD12038M48 | 48      | 36 to 54      | 0.15    | 7.2   |       |                     |       |                      |                     |       |
| GD12038H12 | 12      | 6.0 to 13.5   | 1.6     | 19.2  | 4500  | 4.73                | 167.2 | 23.55                | 0.93                | 56.6  |
| GD12038H24 | 24      | 18 to 26.5    | 0.8     | 19.2  |       |                     |       |                      |                     |       |
| GD12038H48 | 48      | 36 to 54      | 0.4     | 19.2  |       |                     |       |                      |                     |       |