

# 4015A DC axial flow fan

4015A DC Axial Flow Fan — 40.0 × 40.0 × 15.0 mm

## ★ Structural Features

### Frame & Blade Material

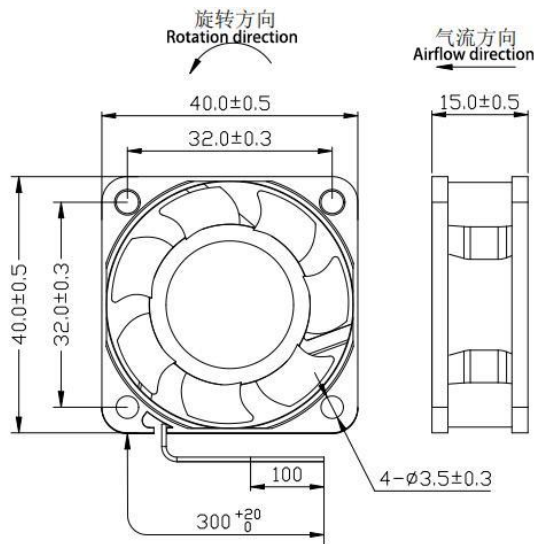
- Frame: Engineering Plastic
- Impeller: Engineering Plastic

Bearing Structure: Dual Ball Bearings

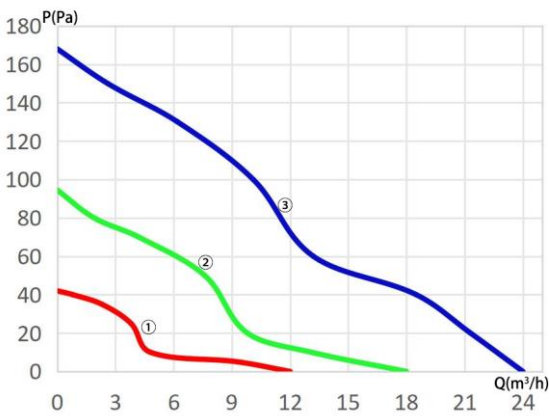
Weight: 25.0 g



## ★ Mechanical Dimensions



## ★ Airflow Performance Curve



## Basic Fan Specifications

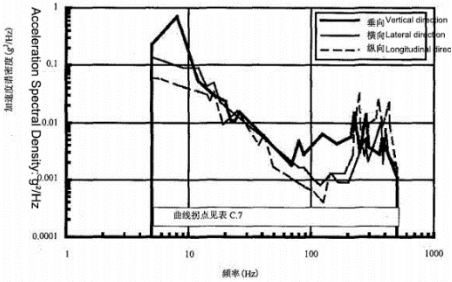
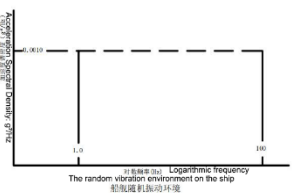
| Model           | Voltage (V) | Operating Voltage Range (V) | Power (W) | Speed (RPM) | Airflow (m³/h) | Static Pressure (Pa) | Noise (dBA) | Curve |
|-----------------|-------------|-----------------------------|-----------|-------------|----------------|----------------------|-------------|-------|
| J40FZW160-15A00 | 12          | 8.0~13.8                    | 0.9       | 6000        | 12.0           | 42.0                 | 29.3        | ①     |
| J40FZW190-15A00 | 12          | 8.0~13.8                    | 1.8       | 9000        | 18.0           | 94.5                 | 33.8        | ②     |
| J40FZW1J2-15A00 | 12          | 8.0~13.8                    | 4.2       | 12000       | 24.0           | 168.0                | 44.3        | ③     |
| J40FZW260-15A00 | 24          | 16.0~27.6                   | 0.9       | 6000        | 12.0           | 42.0                 | 29.3        | ①     |
| J40FZW290-15A00 | 24          | 16.0~27.6                   | 1.2       | 9000        | 18.0           | 94.5                 | 33.8        | ②     |
| J40FZW2J2-15A00 | 24          | 16.0~27.6                   | 4.2       | 12000       | 24.0           | 168.0                | 44.3        | ③     |
| J40FZW360-15A00 | 28          | 18.0~32.0                   | 0.9       | 6000        | 12.0           | 42.0                 | 29.3        | ①     |
| J40FZW390-15A00 | 28          | 18.0~32.0                   | 1.2       | 9000        | 18.0           | 94.5                 | 33.8        | ②     |
| J40FZW3J2-15A00 | 28          | 18.0~32.0                   | 4.2       | 12000       | 24.0           | 168.0                | 44.3        | ③     |

- **Notes:** Available voltage options: **5V, 12V, 24V, 28V, 48V**
- In the model number, the **second digit from the end “0”** indicates the **signal function**, and the **last digit “0”** indicates the **environmental performance rating**.
- Users may select according to actual requirements based on **Table 1** and **Table 2**.

Table 1: Signal Functions

| Signal function code | 0           | 1                            | 2                      | 3                         | 4                                               | 5                                            |
|----------------------|-------------|------------------------------|------------------------|---------------------------|-------------------------------------------------|----------------------------------------------|
| Function Description | No Function | PWM Duty Cycle Speed Control | High-Level Fault Alarm | Tachometer (RPM) Feedback | PWM Duty Cycle Control + High-Level Fault Alarm | PWM Duty Cycle Control + Tachometer Feedback |

Table 2: Environmental Adaptability Ratings

| Code                                | Application Standard | 0 (Ground / Vehicle-Mounted)                                                                                                                                                                     | 1 (Marine / Naval Applications) |
|-------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| High Temperature                    | GJB150.3A-2009       | Storage: 80°C, Operation: 75°C                                                                                                                                                                   |                                 |
| Low Temperature                     | GJB150.4A-2009       | Storage: -50°C, Operation: -40°C                                                                                                                                                                 |                                 |
| Rain / Water Ingress                | GJB150.8A-2009       | Enhanced, 1 hour per surface                                                                                                                                                                     |                                 |
| Damp Heat (Humidity)                | GJB150.9A-2009       | Cyclic humidity: 30°C-60°C, RH 95%±5%, 24h per cycle, 10 cycles                                                                                                                                  |                                 |
| Fungus Resistance                   | GJB150.10A-2009      | Fungus group 1 or group 2, 28 days                                                                                                                                                               |                                 |
| Salt Spray                          | GJB150.11A-2009      | Neutral salt spray 192 hours                                                                                                                                                                     | Acidic Salt Spray, 192 hours    |
| Sand & Dust                         | GJB150.12A-2009      | Blowing sand and dust test                                                                                                                                                                       |                                 |
| Acceleration                        | GJB150.15A-2009      | Three-axis, six-direction;<br>Performance test level: 9g, Structural test level: 13.5g                                                                                                           |                                 |
| Shock                               | GJB150.18A-2009      | Three-axis, six-direction, 18 shocks total, 20g                                                                                                                                                  |                                 |
| Low Air Pressure                    | GJB150.2A-2009       | /                                                                                                                                                                                                |                                 |
| Acidic Atmosphere                   | GJB150.28A-2009      | /                                                                                                                                                                                                |                                 |
| EMC (Electromagnetic Compatibility) | GJB151B-2013         | /                                                                                                                                                                                                |                                 |
| Power Supply Characteristics        | GJB181B-2012         | /                                                                                                                                                                                                |                                 |
| Vibration                           | GJB150.16A-2009      | <div></div> <div></div> |                                 |