8025A DC axial flow fan

8025A DC Axial Flow Fan — 80.0× 80.0× 25.4 mm

✯ Structural Features

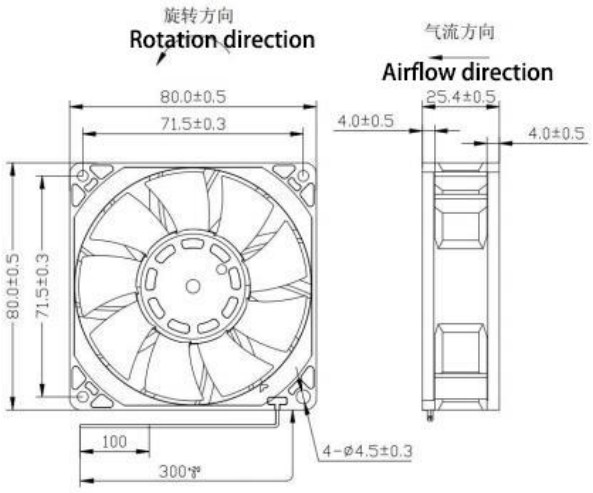
Frame & Blade Material

- Frame: Aerospace Plastic
- Impeller: Aerospace Plastic

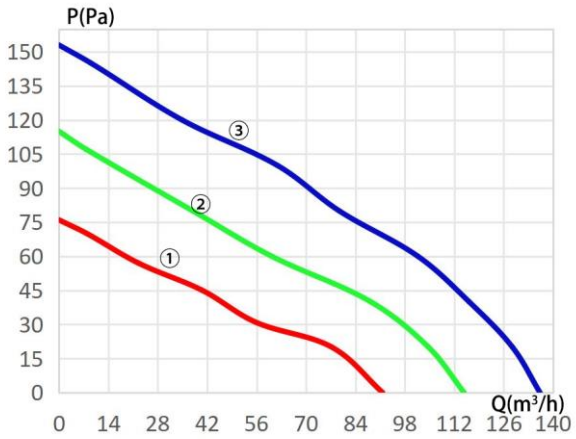
Bearing Structure: Dual Ball Bearings

Weight: 108.0 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
J80FZW140-25A00	12	8.0~13.8	3.4	4000	91.7	76.0	45.3	①
J80FZW150-25A00	12	8.0~13.8	7.8	5000	114.8	115.0	50.8	②
J80FZW160-25A00	12	8.0~13.8	12.7	6000	136.3	153.0	57.8	③
J80FZW240-25A00	24	16.0~27.6	3.4	4000	91.7	76.0	45.3	①
J80FZW250-25A00	24	16.0~27.6	7.8	5000	114.8	115.0	50.8	②
J80FZW260-25A00	24	16.0~27.6	12.7	6000	136.3	153.0	57.8	③
J80FZW340-25A00	28	18.0~32.0	3.4	4000	91.7	76.0	45.3	①
J80FZW350-25A00	28	18.0~32.0	7.8	5000	114.8	115.0	50.8	②
J80FZW360-25A00	28	18.0~32.0	12.7	6000	136.3	153.0	57.8	③

Notes:

- 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**.
- Available voltage options: **5V, 12V, 24V, 28V, 48V**

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)**	**2 (Airborne Applications)**
High Temperature	GJB150.3A-2009	Storage: 80°C, Operation: 75°C		Storage: 95°C, Operation: 85°C
Low Temperature	GJB150.4A-2009	Storage: –50°C, Operation: –40°C		Storage: –60°C, Operation: –55°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; Performance test level: 9g, Structural test level: 13.5g		
Shock	GJB150.18A-2009	Three-axis, six-direction, 18 shocks total, 20g		Three-axis, six-direction, 18 shocks total, 30g
Low Air Pressure	GJB150.2A-2009	/		6.3kPa
Acidic Atmosphere	GJB150.28A-2009	/		Spray 2h + storage 22h per cycle, **3 cycles**
EMC (Electromagnetic Compatibility)	GJB151B-2013	Comply with RE102 and CE102		
Power Supply Characteristics	GJB181B-2012	/		Abnormal Overvoltage 80V/50ms
Vibration	GJB150.16A-2009