

JF5015 — 50 × 50 × 15 mm DC Axial Fan

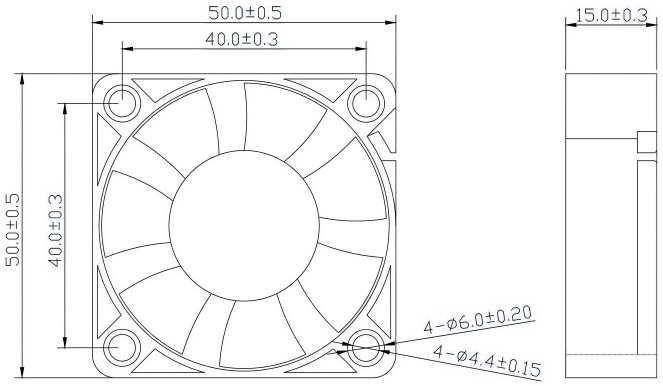
Thick 50 mm fan for power supplies, inverters, LED drivers and industrial cabinets

General Specifications

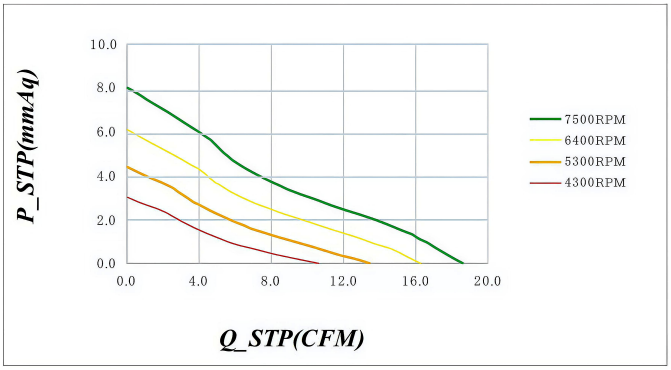
- **Series size:** 50 × 50 × 15 mm
- **Frame / impeller:** Flame-retardant PBT, UL 94V-0
- **Bearing system:** Dual ball bearing
- **Mounting holes:** 4×Ø4.4 ±0.15 mm (c'bor Ø6.0)
- **Rated voltages:** 5 / 12 / 24 VDC
- **Speed options:** 4,300 / 5,300 / 6,400 / 7,500 RPM
- **Max airflow:** 18.68 CFM | **Max pressure:** 8.03 mmH_2O
- **Functions:** Motor protection, FG/RD/PWM optional

Performance Data

Model	Rated Voltage	Operating Voltage	Rated Current	Input Power	Speed	Max. Airflow	Max. Static Pressure	Noise
JF5015-05L	5 VDC	3.6–6.8 VDC	0.16 A	0.80 W	4,300 RPM	0.30 m³/min (10.64 CFM)	3.02 mmH_2O (0.119 inH_2O)	29.3 dB(A)
JF5015-12L	12 VDC	7.0–13.5 VDC	0.10 A	1.20 W	4,300 RPM	0.30 m³/min (10.64 CFM)	3.02 mmH_2O (0.119 inH_2O)	29.3 dB(A)
JF5015-24L	24 VDC	18–26.5 VDC	0.05 A	1.20 W	4,300 RPM	0.30 m³/min (10.64 CFM)	3.02 mmH_2O (0.119 inH_2O)	29.3 dB(A)
JF5015-05M	5 VDC	3.6–6.8 VDC	0.21 A	1.05 W	5,300 RPM	0.38 m³/min (13.53 CFM)	4.41 mmH_2O (0.174 inH_2O)	35.2 dB(A)
JF5015-12M	12 VDC	7.0–13.5 VDC	0.12 A	1.44 W	5,300 RPM	0.38 m³/min (13.53 CFM)	4.41 mmH_2O (0.174 inH_2O)	35.2 dB(A)
JF5015-24M	24 VDC	18–26.5 VDC	0.08 A	1.92 W	5,300 RPM	0.38 m³/min (13.53 CFM)	4.41 mmH_2O (0.174 inH_2O)	35.2 dB(A)
JF5015-12H	12 VDC	7.0–13.5 VDC	0.21 A	2.52 W	6,400 RPM	0.46 m³/min (16.33 CFM)	6.10 mmH_2O (0.240 inH_2O)	39.5 dB(A)
JF5015-24H	24 VDC	18–26.5 VDC	0.10 A	2.40 W	6,400 RPM	0.46 m³/min (16.33 CFM)	6.10 mmH_2O (0.240 inH_2O)	39.5 dB(A)
JF5015-12U	12 VDC	7.0–13.5 VDC	0.26 A	3.12 W	7,500 RPM	0.53 m³/min (18.68 CFM)	8.03 mmH_2O (0.316 inH_2O)	44.5 dB(A)
JF5015-24U	24 VDC	18–26.5 VDC	0.15 A	3.60 W	7,500 RPM	0.53 m³/min (18.68 CFM)	8.03 mmH_2O (0.316 inH_2O)	44.5 dB(A)



Mechanical Dimensions (mm)



Airflow — Static Pressure Curve

Specifications subject to change without notice