

JF2010 — 20 × 20 × 10 mm DC Axial Fan

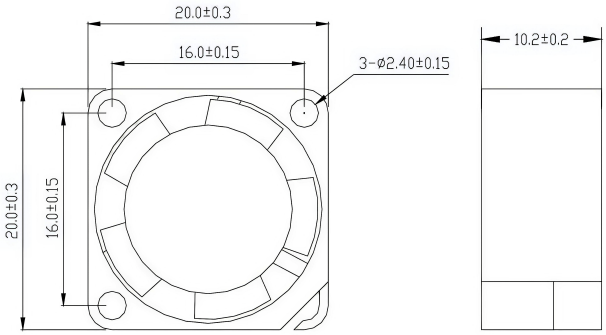
Compact cooling fan with enhanced static pressure for compact electronics and instrumentation

General Specifications

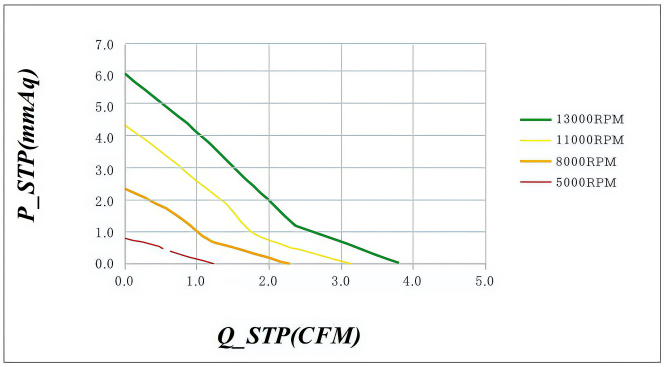
- **Series size:** 20 × 20 × 10 mm
- **Frame / impeller:** Flame-retardant PBT, UL 94V-0
- **Bearing system:** Ball bearing or sleeve bearing
- **Weight:** Approx. 3.8 g
- **Rated voltage:** 5 VDC or 12 VDC
- **Speed options:** 10,000 / 12,000 / 14,000 RPM
- **Max airflow:** 1.13 CFM | **Max pressure:** 4.28 mmH_2O
- **Functions:** FG / RD / PWM optional

Performance Data

Model	Rated Voltage	Operating Voltage	Rated Current	Input Power	Speed	Max. Airflow	Max. Static Pressure	Noise
JF2010-05H	5 VDC	4.3–5.4 VDC	0.06 A	0.30 W	10,000 RPM	0.022 m³/min (0.78 CFM)	2.28 mmH_2O (0.089 inH_2O)	20.0 dB(A)
JF2010-12H	12 VDC	7.0–13.5 VDC	0.03 A	0.36 W	10,000 RPM	0.022 m³/min (0.78 CFM)	2.28 mmH_2O (0.089 inH_2O)	20.0 dB(A)
JF2010-05H	5 VDC	4.3–5.4 VDC	0.08 A	0.40 W	12,000 RPM	0.027 m³/min (0.98 CFM)	3.39 mmH_2O (0.133 inH_2O)	25.5 dB(A)
JF2010-12H	12 VDC	7.0–13.5 VDC	0.05 A	0.60 W	12,000 RPM	0.027 m³/min (0.98 CFM)	3.39 mmH_2O (0.133 inH_2O)	25.5 dB(A)
JF2010-05U	5 VDC	4.3–5.4 VDC	0.13 A	0.65 W	14,000 RPM	0.032 m³/min (1.13 CFM)	4.28 mmH_2O (0.168 inH_2O)	27.0 dB(A)
JF2010-12U	12 VDC	7.0–13.5 VDC	0.08 A	0.95 W	14,000 RPM	0.032 m³/min (1.13 CFM)	4.28 mmH_2O (0.168 inH_2O)	27.0 dB(A)



Mechanical Dimensions (mm)



Airflow — Static Pressure Curve

Specifications subject to change without notice