

JR7015 — 70 × 70 × 15 mm DC Frame-less Fan

Typical Applications

Consumer Electronics Notebook PC, all-in-one PC, mini-PC & discrete graphics card cooling; projectors; portable drying appliances; in-vehicle electronic products	**Industrial & IPC** Embedded industrial control equipment, compact IPC industrial computers; slim switching power supplies & high-power adapter modules
Commercial Displays Educational interactive displays, smart interactive flat-panels	**Medical Equipment** Portable small-size medical analytical & monitoring instruments
Telecom & Network Slim network switches & compact communication gateway devices	

General Specifications

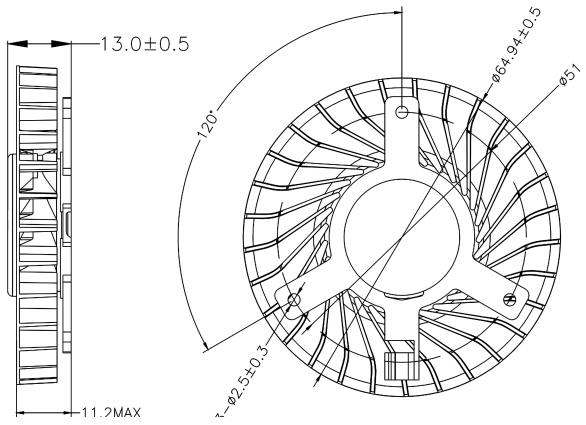
- **Series size:** 70 × 70 × 15 mm
- **Frame:** Thermoplastic PBT, UL 94V-0 (frame-less design)
- **Impeller:** Thermoplastic PC, UL 94V-2
- **Bearing system:** Ball or Sleeve
- **Life expectancy:** 30,000 hrs (Sleeve) / 50,000 hrs (Ball), continuous operation at 25°C, 65% RH
- **Rated voltages:** 5 / 12 / 24 VDC
- **Speeds:** 2,000 / 2,500 / 3,000 RPM
- **Max airflow:** 10.23 CFM
- **Max static pressure:** 4.15 mmH_2O
- **Weight:** 46.8 g

Performance Data

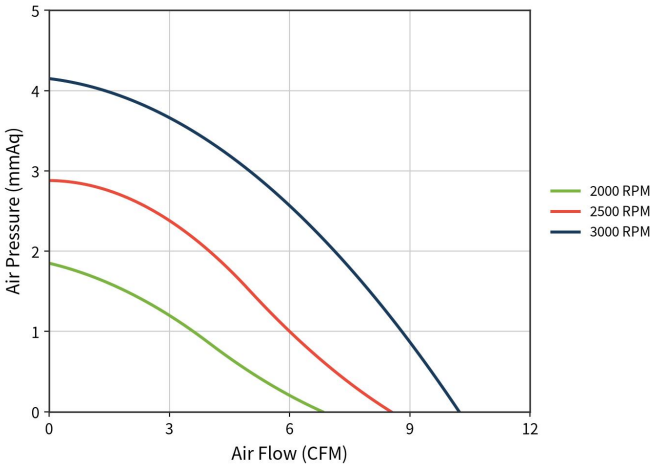
Model	Rated Voltage	Operating Voltage Range	Rated Current	Rated Input Power	Speed	Max. Airflow	Max. Static Pressure	Noise
JR7015L05	5 VDC	3.6–6.8 VDC	0.20 A	1.00 W	2,000 RPM	6.82 CFM	1.85 mmH_2O	27.7 dB(A)
JR7015L12	12 VDC	8.0–13.5 VDC	0.10 A	1.20 W	2,000 RPM	6.82 CFM	1.85 mmH_2O	27.7 dB(A)
JR7015L24	24 VDC	18–26.5 VDC	0.04 A	0.96 W	2,000 RPM	6.82 CFM	1.85 mmH_2O	27.7 dB(A)
JR7015M05	5 VDC	3.6–6.8 VDC	0.30 A	1.50 W	2,500 RPM	8.53 CFM	2.88 mmH_2O	32.5 dB(A)
JR7015M12	12 VDC	8.0–13.5 VDC	0.15 A	1.80 W	2,500 RPM	8.53 CFM	2.88 mmH_2O	32.5 dB(A)
JR7015M24	24 VDC	18–26.5 VDC	0.07 A	1.68 W	2,500 RPM	8.53 CFM	2.88 mmH_2O	32.5 dB(A)
JR7015H05	5 VDC	3.6–6.8 VDC	0.50 A	3.00 W	3,000 RPM	10.23 CFM	4.15 mmH_2O	35.6 dB(A)
JR7015H12	12 VDC	8.0–13.5 VDC	0.25 A	3.00 W	3,000 RPM	10.23 CFM	4.15 mmH_2O	35.6 dB(A)
JR7015H24	24 VDC	18–26.5 VDC	0.12 A	2.88 W	3,000 RPM	10.23 CFM	4.15 mmH_2O	35.6 dB(A)

Available Functions

Motor Protection	Signal Output	Speed Control Mode
RP ● SS ● LP ● CL ● OVP ○	FG ● RD ● RDB ● LD ●	PWM ● TC ● VC ● CC ● CS ●



Mechanical Dimensions (mm)



Airflow — Static Pressure Curve