

JB12032 — 120 × 120 × 32 mm DC Blower

Typical Applications

Telecom & Network Cabinets	Charging Piles & Power Supplies	Industrial Control Panels
Medical Equipment	LED Lighting & Displays	3D Printers & Laser Systems

General Specifications

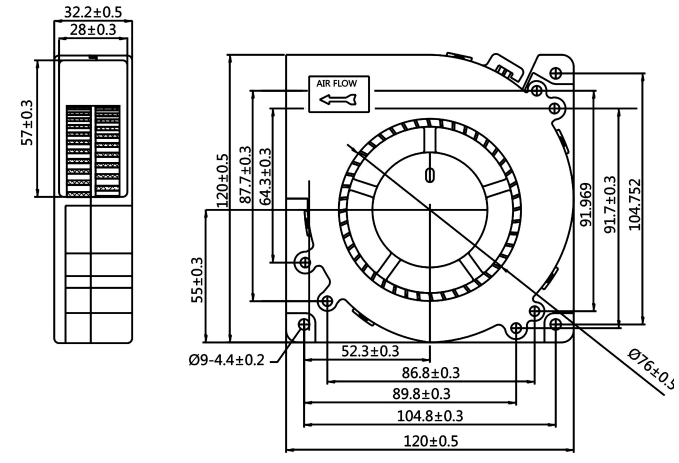
- **Series size:** 120 × 120 × 32 mm
- **Frame:** Thermoplastic PBT, UL 94V-0
- **Impeller:** Thermoplastic PBT, UL 94V-0
- **Bearing system:** Ball or Sleeve
- **Life expectancy:** 30,000 hrs (Sleeve) / 50,000 hrs (Ball), continuous operation at 25°C, 65% RH
- **Rated voltages:** 12 / 24 / 48 VDC
- **Speed options:** 2,000 – 3,300 RPM
- **Max airflow:** 30.45 CFM | **Max pressure:** 34.27 mmH_2O
- **Weight:** 219.7 g

Performance Data

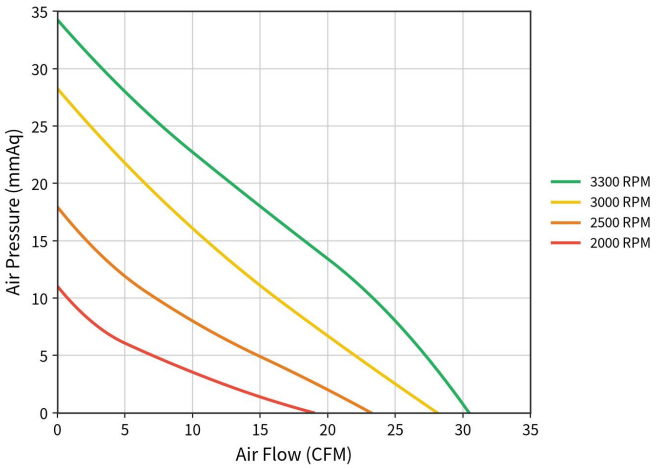
Model	Rated Voltage	Rated Current	Speed	Max. Airflow	Max. Static Pressure	Noise
JB12032-12L	12 VDC	0.52 A	2,000 RPM	18.94 CFM	11.03 mmH_2O	44.6 dB(A)
JB12032-24L	24 VDC	0.26 A	2,000 RPM	18.94 CFM	11.03 mmH_2O	44.6 dB(A)
JB12032-12M	12 VDC	0.60 A	2,500 RPM	23.19 CFM	17.95 mmH_2O	50.3 dB(A)
JB12032-24M	24 VDC	0.29 A	2,500 RPM	23.19 CFM	17.95 mmH_2O	50.3 dB(A)
JB12032-12H	12 VDC	1.00 A	3,000 RPM	28.09 CFM	28.27 mmH_2O	54.6 dB(A)
JB12032-24H	24 VDC	0.60 A	3,000 RPM	28.09 CFM	28.27 mmH_2O	54.6 dB(A)
JB12032-48H	48 VDC	0.30 A	3,000 RPM	28.09 CFM	28.27 mmH_2O	54.6 dB(A)
JB12032-12HH	12 VDC	1.46 A	3,300 RPM	30.45 CFM	34.27 mmH_2O	56.0 dB(A)
JB12032-24HH	24 VDC	0.75 A	3,300 RPM	30.45 CFM	34.27 mmH_2O	56.0 dB(A)
JB12032-48HH	48 VDC	0.40 A	3,300 RPM	30.45 CFM	34.27 mmH_2O	56.0 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

Specifications subject to change without notice