

JR10025 — Ø100 × 25 mm DC Centrifugal Blower Fan

Typical Applications

Industrial & IPC Cooling for high-power embedded IPC, industrial controllers and servo control cabinets; power supply units: cooling for high-power switching power supplies and UPS modules	**New Energy & Telecom** Thermal management for energy-storage battery modules, BMS cabinets and on-board chargers; ventilation for compact 5G communication units, network servers and high-power gateway enclosures
Medical & Laboratory Heat dissipation for medium-sized analytical lab instruments, PCR and testing equipment	**Projection & Air Purification** Thermal solution for laser engineering projectors; air-purification equipment, fresh-air modules and compact dust-removal devices

General Specifications

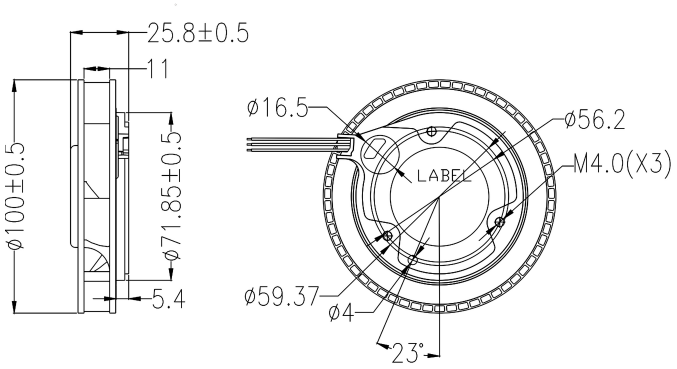
- **Series size:** Ø100 × 25 mm
- **Frame:** Thermoplastic PPS, UL 94V-0
- **Impeller:** Plastic (UL 94V-0)
- **Bearing system:** Two Ball
- **Life expectancy:** 50,000 hrs continuous operation at 25°C, 65% RH
- **Rated voltages:** 12 / 24 VDC
- **Speed:** 4,500 RPM
- **Max airflow:** 45.96 CFM
- **Max static pressure:** 19.69 mmH_2O
- **Weight:** 121.2 g

Performance Data

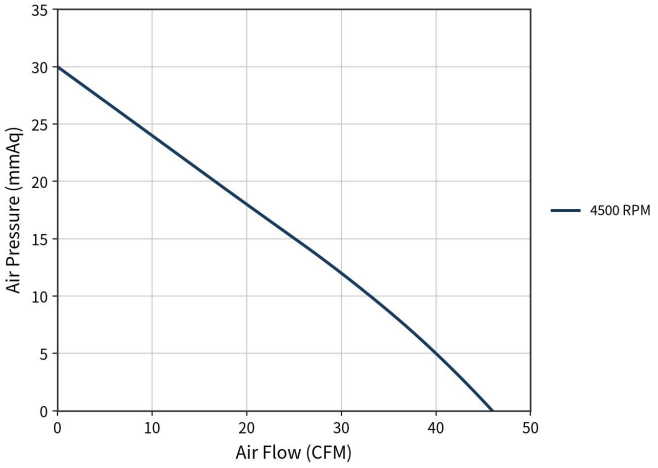
Model	Rated Voltage	Operating Voltage Range	Rated Current	Rated Input Power	Speed	Max. Airflow	Max. Static Pressure	Noise
JR10025H12	12 VDC	7.0–13.5 VDC	0.53 A	6.36 W	4,500 RPM	45.96 CFM	19.69 mmH_2O	53.3 dB(A)
JR10025H24	24 VDC	18–26.5 VDC	0.27 A	6.48 W	4,500 RPM	45.96 CFM	19.69 mmH_2O	53.3 dB(A)

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