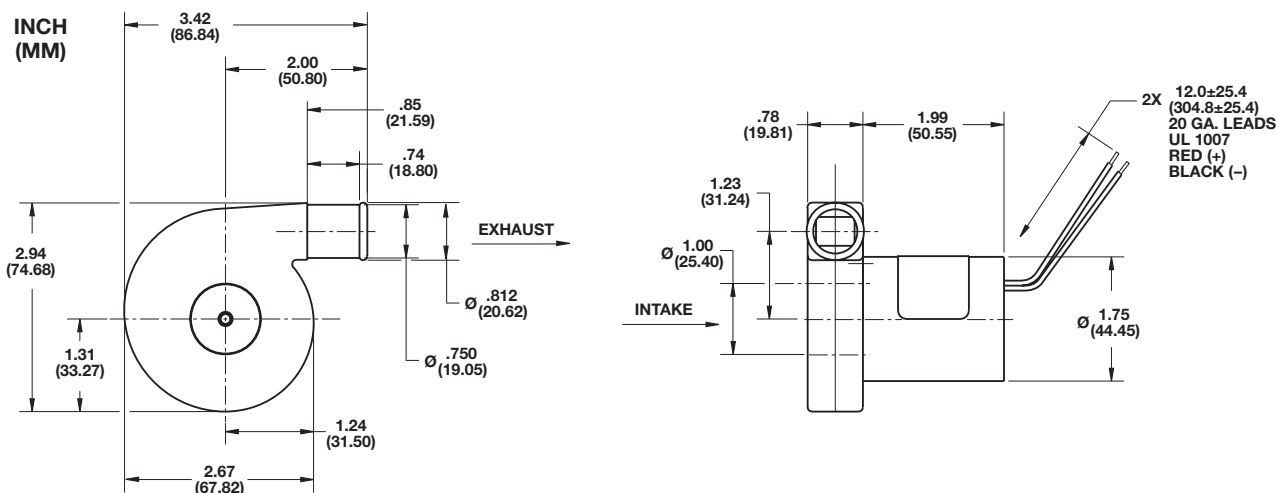


## 3.0" (76mm) BLDC Low-Voltage Blower

12/24 VDC



Blower Data	Unit of Measure	Part Number	
		119349*	119350*
Voltage Input	VDC	12	24
Stages	—	1	1
Pressure, Maximum (Sealed Pressure)	in. H <sub>2</sub> O, Sealed	10.1	10.1
	mBar	25.1	25.1
Flow Rate, Maximum (Open Flow)	CFM	17.7	17.7
	m <sup>3</sup> /hr	30.1	30.1

\* These part numbers are available through AMETEK Technical & Industrial Products' distributors.

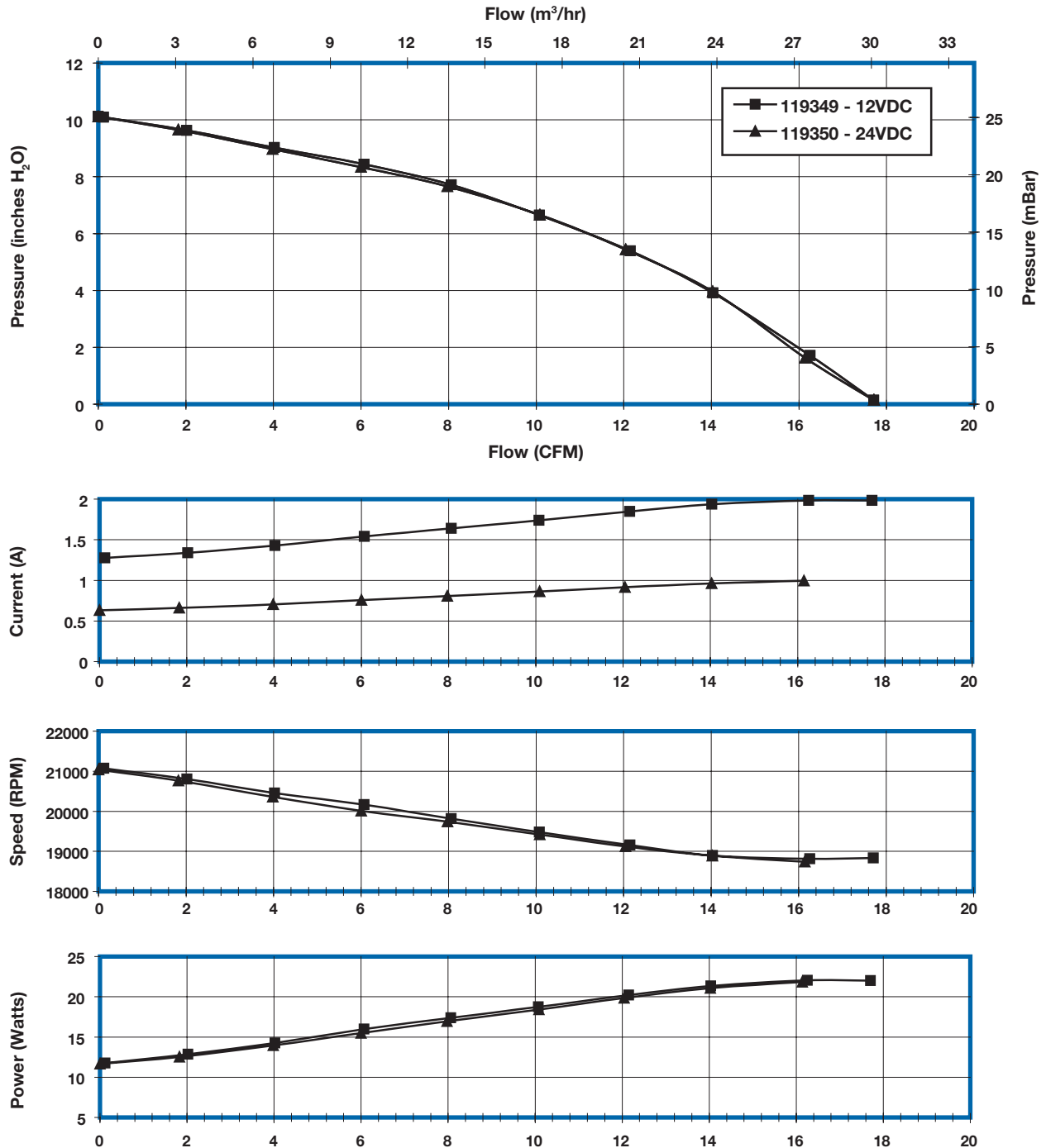
**NOTES:**

- **Temperature:** Working Air: 0°C to 45°C, Ambient Air: 0°C to 45°C, Storage Air: -40°C to 85°C.
- **Dielectric Testing:** 200 volts applied for one second between power leads and motor body, one milliamp leakage max.
- Speed is controlled by varying the input voltage (there is a minimum voltage threshold, unless using the separate V+ option).
- Customized performance available upon request. Please contact AMETEK Technical & Industrial Products' Marketing and Sales Department.
- When blowers are used in a vacuum condition, there will be an approximate reduction of 3% in the air performance.
- Hard mounting of blower can be done by clamping around the motor's AL casting.
- 2 wire power connection (Red = positive DC, Black = negative DC).
- Please observe proper polarity for power connections. Improper connection will damage the blower's electronics.
- Blower/motor is equipped with basic internal drive controller.
- **Optional** – Motor configuration available with connection to external controller.
- **Optional** – 2 plane balanced for reduced vibration (slight dimensional change and increased motor axial length).
- **Optional** – FPS (frequency pulse signal) for tach output.
- **Optional** – Separate V+ signal wire for input power to hall sensors in order to obtain slow speed operation.

# 3.0" (76mm) BLDC Low-Voltage Blower

12/24 VDC

## TYPICAL PERFORMANCE



**LOW-VOLTAGE  
BLDC BLOWERS**

*This document is for informational purposes only and should not be considered as a binding description of the products or their performance in all applications. The performance data on this page depicts typical performance under controlled laboratory conditions using AMETEK BLDC motor controllers. Actual performance will vary depending on the operating environment and application. AMETEK products are not designed for and should not be used in medical life support applications. AMETEK reserves the right to revise its products without notification. The above characteristics represent standard products. For product designed to meet specific applications, contact AMETEK Technical & Industrial Products Marketing and Sales.*

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