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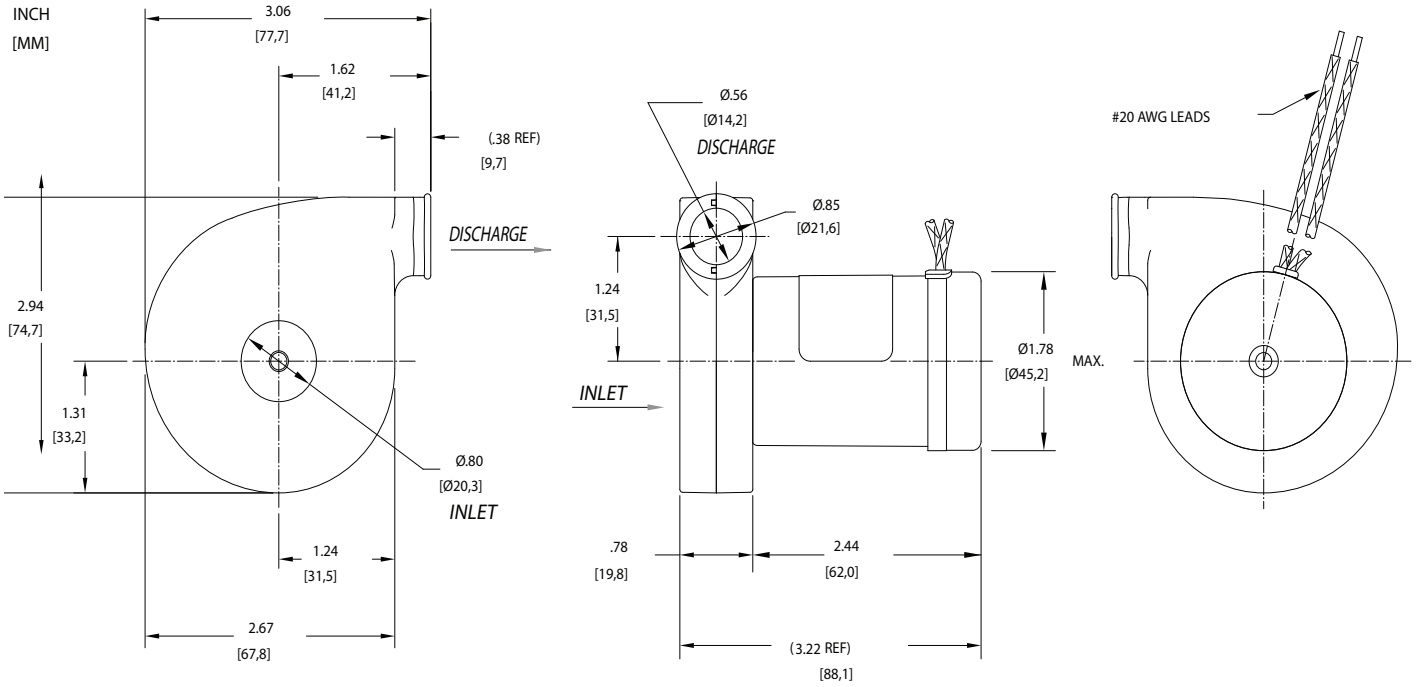
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Low Voltage Brushless DC Blowers

3.0 (76mm) BLDC Low-Voltage Blower

12/24 VDC Input, High Output

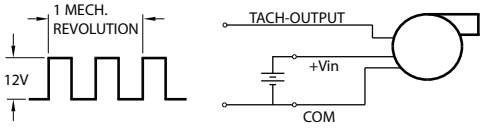


		Part/ Model Number	
Specification	Units	150908	150918
Voltage	VDC	16-28	5-14
Stages	-	1	1
Max Sealed Pressure	in. H2O	24.9	24.9
	mbar	62	62
Max Open Flow Rate	CFM	24.6	24.6
	m3/hr	41.8	41.8

Notes:

- **Temperature**: Working Air: 0°C to 45°C , Ambient Air: 0°C to 45°C, Storage: -40°C to 85°C.
- Customized performance available upon request. Please contact AMETEK Technical & Industrial Products' Marketing and Sales Department.
- When used as a vacuum, the blower performance might be less then shown herein, depending on the operating point.
- Please observe proper polarity for power connections. Improper connections will damage the blower's electronics.
- **Optional** - Motor configuration available with connection to external controller.
- **Optional** - 2-Wire Operation: The 3.0, 3.3, 4.5 inch Windjammers operate with a simple two-wire configuration. The blower speed is directly proportional to the supply voltage, and there is no separate speed command signal input or speed setting via potentiometer. The supply voltage powers both the motor winding and the motor controller. Operating points below the minimum supply voltage stated in the chart above can be achieved by providing a third wire to power the motor controller separately from the motor winding. This feature is available upon request.
- **Weight** = 9 oz / .3 Kg

Optional Tachometer Output: A square wave output whose signal is 2x the blower rotational frequency.



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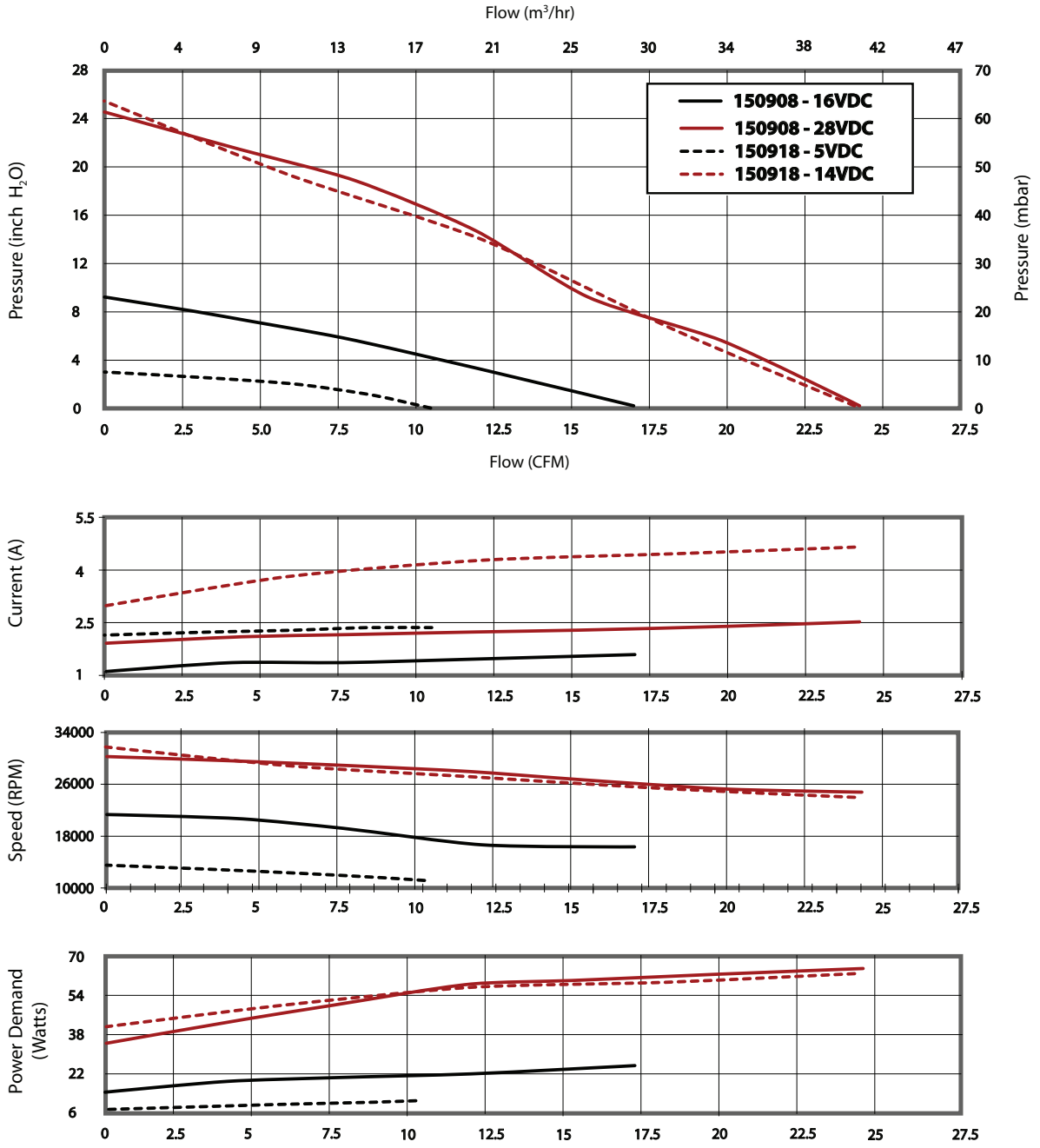
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AMETEK®
PRECISION MOTION CONTROL

3.0 (76mm) BLDC Low-Voltage Blower

12/24 VDC Input, High Output

Typical Performance



Data presented represents blower performance at STANDARD AIR DENSITY, .075 lb/ft³ (29.92" Hg, Sea Level, 68° F)
Vacuum performance available upon request.

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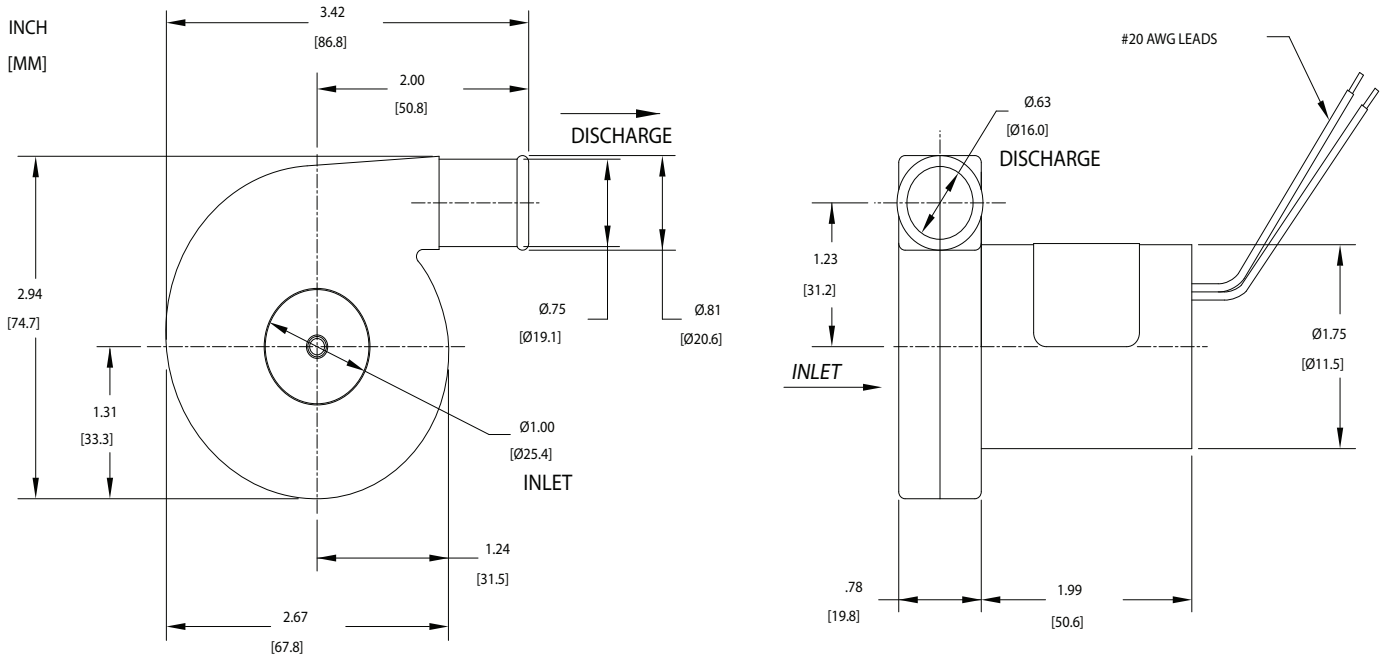
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PRECISION MOTION CONTROL

Low Voltage Brushless DC Blowers

3.0" (76mm) BLDC Low-Voltage Blower

12/24 VDC

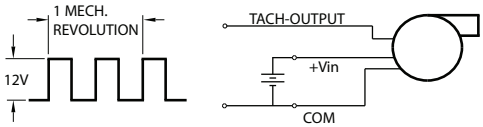


		Part/ Model Number	
Specification	Units	119349	119350
Voltage	VDC	6-14	16-28
Stages	-	1	1
Max Sealed Pressure	in. H2O	13.4	14.0
	mbar	33.4	34.9
Max Open Flow Rate	CFM	19.8	20.6
	m3/hr	33.7	35

Notes:

- **Temperature**: Working Air: 0°C to 45°C , Ambient Air: 0°C to 45°C, Storage: -40°C to 85°C.
- Customized performance available upon request. Please contact AMETEK Technical & Industrial Products' Marketing and Sales Department.
- When used as a vacuum, the blower performance might be less then shown herein, depending on the operating point.
- Please observe proper polarity for power connections. Improper connections will damage the blower's electronics.
- **Optional** - Motor configuration available with connection to external controller.
- **Optional** - 2-Wire Operation: The 3.0, 3.3, 4.5 inch Windjammers operate with a simple two-wire configuration. The blower speed is directly proportional to the supply voltage, and there is no separate speed command signal input or speed setting via potentiometer. The supply voltage powers both the motor winding and the motor controller. Operating points below the minimum supply voltage stated in the chart above can be achieved by providing a third wire to power the motor controller separately from the motor winding. This feature is available upon request.
- **Weight** = 9 oz. / .3 Kg

Optional Tachometer Output: A square wave output whose signal is 2x the blower rotational frequency



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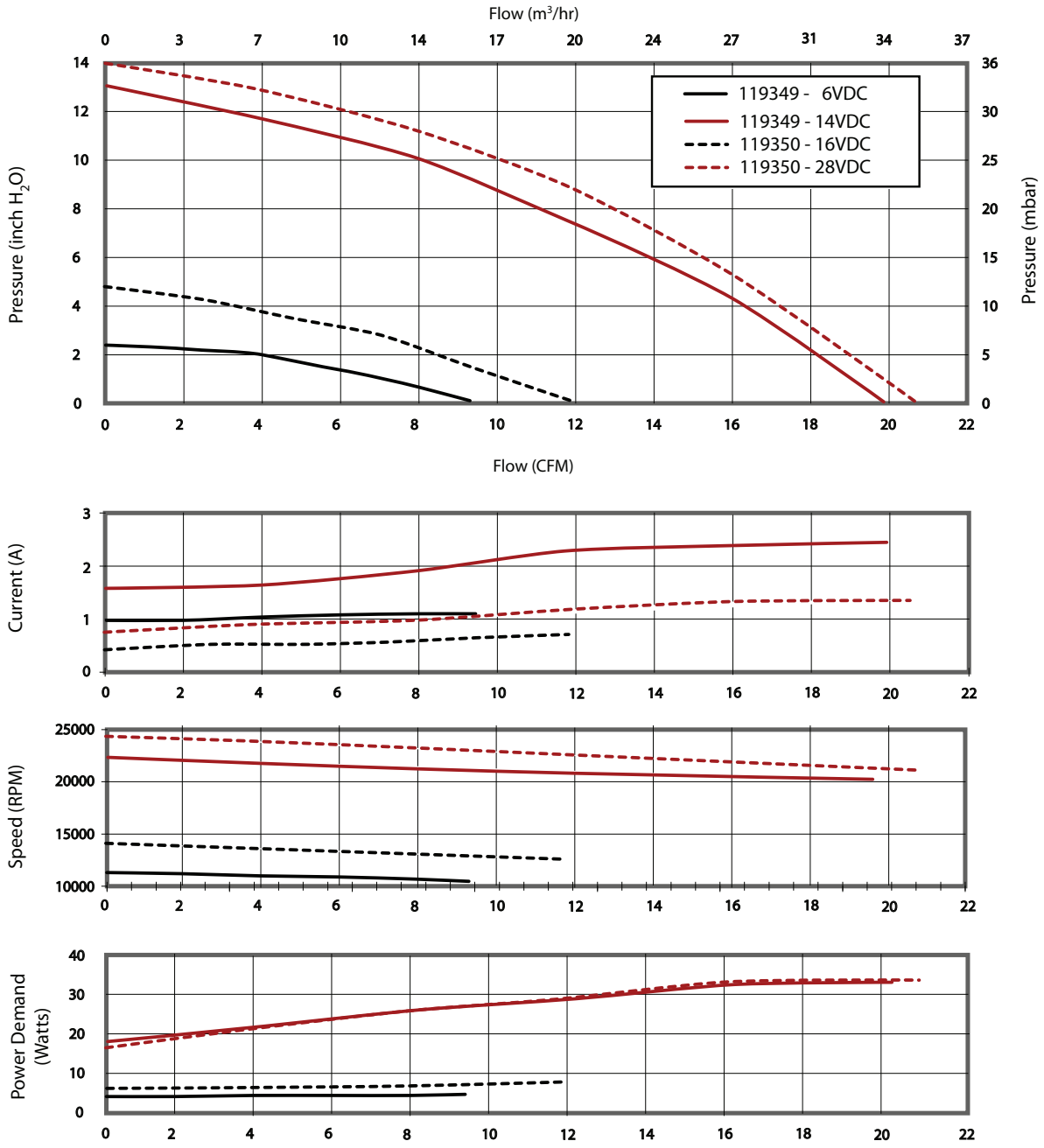
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AMETEK®
PRECISION MOTION CONTROL

3.0" (76mm) BLDC Low-Voltage Blower

12/24 VDC

Typical Performance



Data presented represents blower performance at STANDARD AIR DENSITY, .075 lb/ft³ (29.92" Hg, Sea Level, 68° F)
Vacuum performance available upon request.

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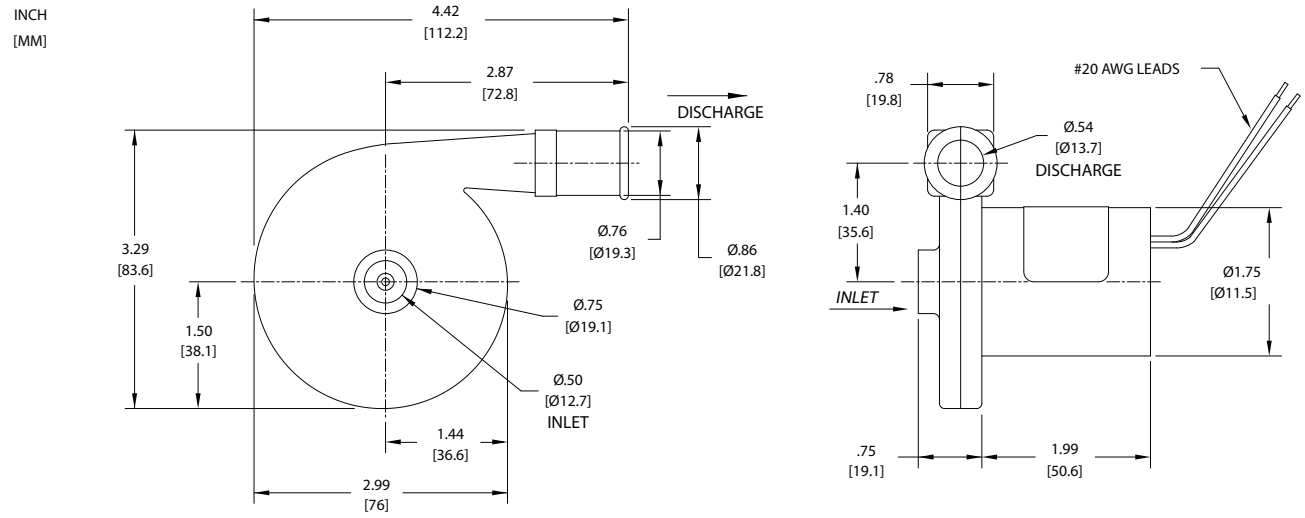
AMETEK®
PRECISION MOTION CONTROL

Low Voltage Brushless DC Blowers

3.3" (84mm) BLDC Low-Voltage Blower

MICROjammer BRUSHLESS DC BLOWERS

12/24 VDC

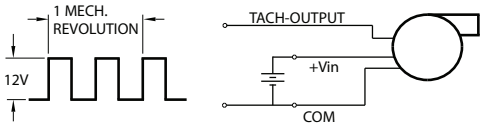


		Part/ Model Number	
Specification	Units	119497	119498
Voltage	VDC	6-13	16-26
Stages	-	1	1
Max Sealed Pressure	in. H2O	26.0	26.0
	mbar	64.8	64.8
Max Open Flow Rate	CFM	6.6	7.1
	m3/hr	11.2	12.1

Notes:

- **Temperature**: Working Air: 0°C to 45°C , Ambient Air: 0°C to 45°C, Storage: -40°C to 85°C.
- Customized performance available upon request. Please contact AMETEK Technical & Industrial Products' Marketing and Sales Department.
- When used as a vacuum, the blower performance might be less then shown herein, depending on the operating point.
- Please observe proper polarity for power connections. Improper connections will damage the blower's electronics.
- **Optional** - Motor configuration available with connection to external controller.
- **Optional** - 2-Wire Operation: The 3.0, 3.3, 4.5 inch Windjammers operate with a simple two-wire configuration. The blower speed is directly proportional to the supply voltage, and there is no separate speed command signal input or speed setting via potentiometer. The supply voltage powers both the motor winding and the motor controller. Operating points below the minimum supply voltage stated in the chart above can be achieved by providing a third wire to power the motor controller separately from the motor winding. This feature is available upon request.
- **Weight** = 9 oz / .3 Kg

Optional Tachometer Output: A square wave output whose signal is 2x the blower rotational frequency.



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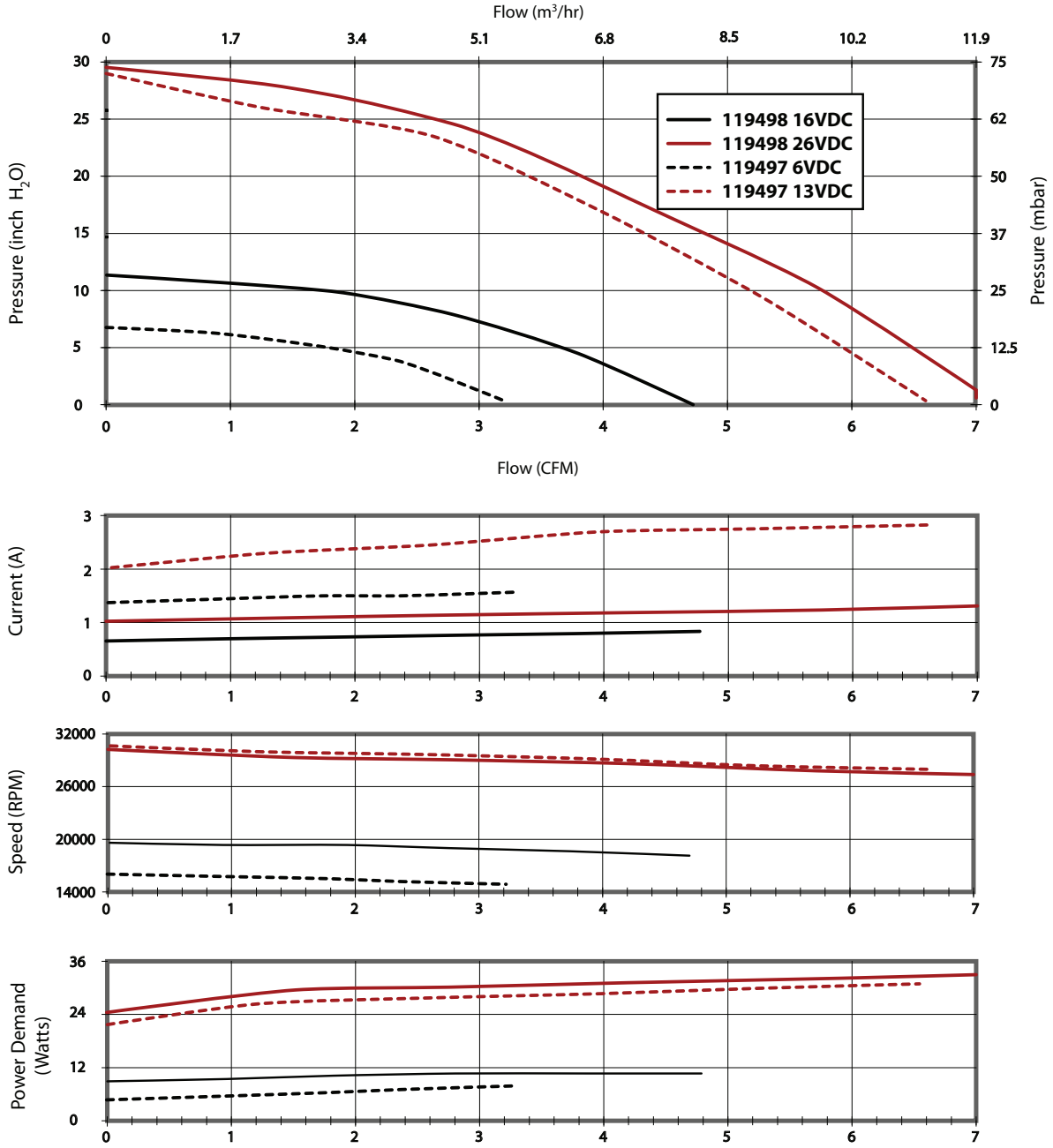
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AMETEK®
PRECISION MOTION CONTROL

3.3" (84mm) BLDC Low-Voltage Blower

12/24 VDC

Typical Performance



Data presented represents blower performance at STANDARD AIR DENSITY, .075 lb/ft³ (29.92" Hg, Sea Level, 68° F)
Vacuum performance available upon request.

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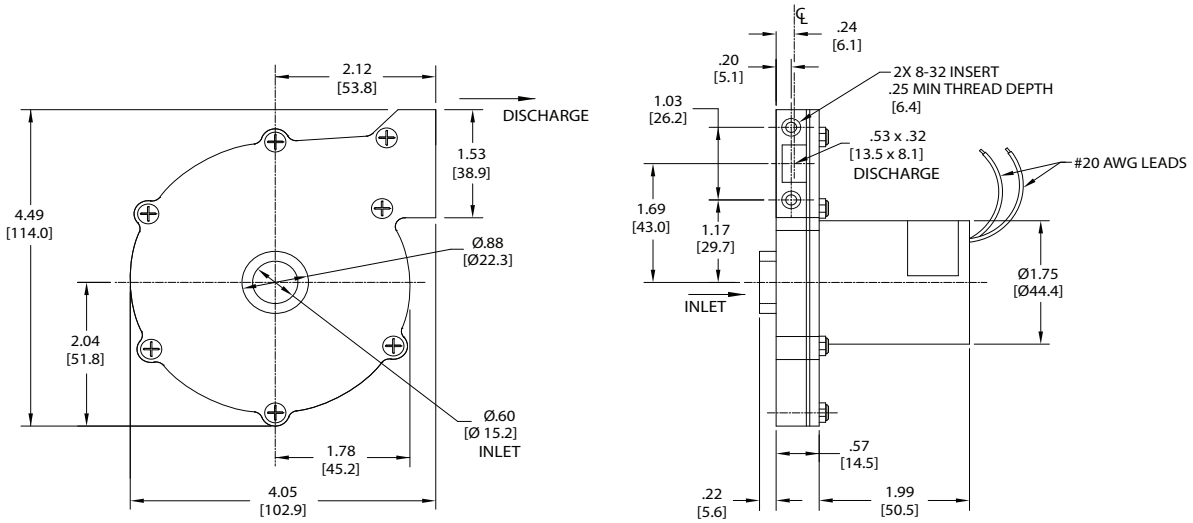
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AMETEK®
PRECISION MOTION CONTROL

4.5" (114mm) BLDC Low-Voltage Blower

12/24 VDC

INCH
[MM]

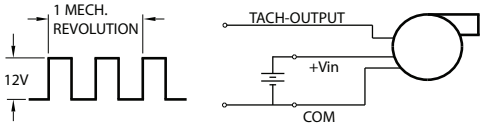


		Part/ Model Number	
Specification	Units	119494	119395
Voltage	VDC	6-14	16-28
Stages	-	1	1
Max Sealed Pressure	in. H2O	37.1	37.8
	mbar	92.4	94.2
Max Open Flow Rate	CFM	10.9	10.6
	m3/hr	18.5	18

Notes:

- **Temperature**: Working Air: 0°C to 45°C , Ambient Air: 0°C to 45°C, Storage: -40°C to 85°C.
- Customized performance available upon request. Please contact AMETEK Technical & Industrial Products' Marketing and Sales Department.
- When used as a vacuum, the blower performance might be less then shown herein, depending on the operating point.
- Please observe proper polarity for power connections. Improper connections will damage the blower's electronics.
- **Optional** - Motor configuration available with connection to external controller.
- **Optional** - 2-Wire Operation: The 3.0, 3.3, 4.5 inch Windjammers operate with a simple two-wire configuration. The blower speed is directly proportional to the supply voltage, and there is no separate speed command signal input or speed setting via potentiometer. The supply voltage powers both the motor winding and the motor controller. Operating points below the minimum supply voltage stated in the chart above can be achieved by providing a third wire to power the motor controller separately from the motor winding. This feature is available upon request.
- **Weigh**t = 13 oz / .4 Kg

Optional Tachometer Output: A square wave output whose signal is 2x the blower rotational frequency.



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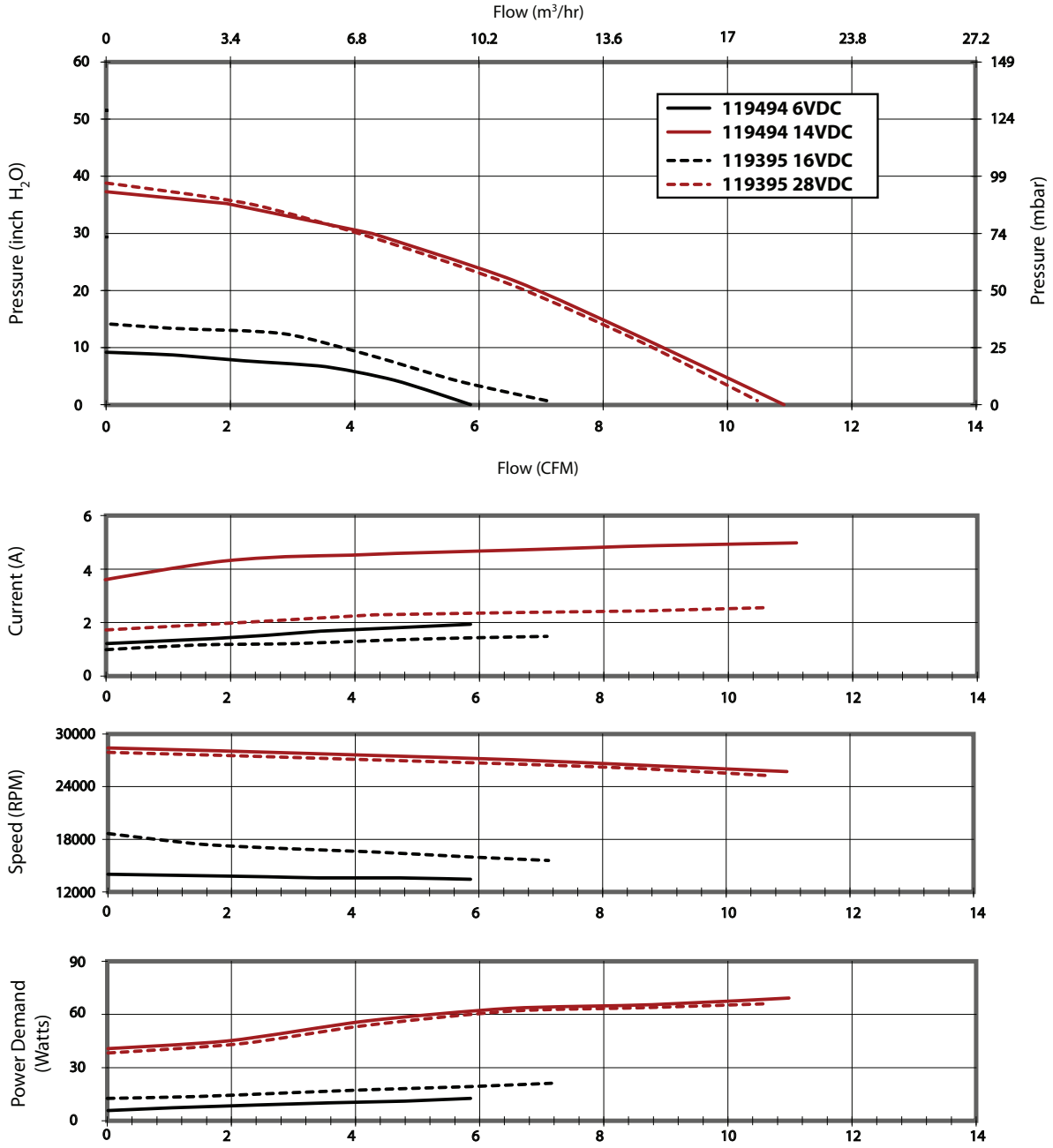
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AMETEK®
PRECISION MOTION CONTROL

4.5" (114mm) BLDC Low-Voltage Blower

12/24 VDC

Typical Performance



Data presented represents blower performance at STANDARD AIR DENSITY, .075 lb/ft³ (29.92″ Hg, Sea Level, 68° F)
Vacuum performance available upon request.

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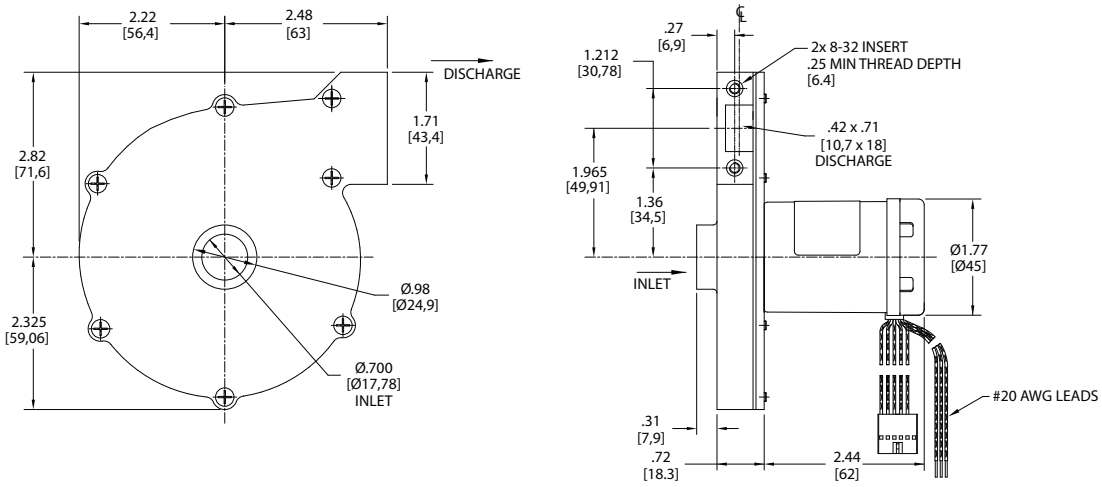
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PRECISION MOTION CONTROL

5.1" (130mm) BLDC Low-Voltage Blower

MICROjammer BRUSHLESS DC BLOWERS

24 VDC

INCH
[MM]



		Part/ Model Number
Specification	Units	150193
Voltage	VDC	24
Stages	-	1
Max Sealed Pressure	in. H2O	50.9
	mbar	126.8
Max Open Flow Rate	CFM	26.3
	m3/hr	44.7

Notes:

• This blower is designed to operate with an external 3-phase controller such as AMETEK's model 48140. Speed control method is a function of the controller that drives the blower. If using AMETEK's 48140, the controller can be set to control speed by potentiometer adjustment or by 0-5V analog speed command. Customized controller functions are available - contact AMETEK sales to inquire.

• **Temperature**: Working Air: 0°C to 45°C , Ambient Air: 0°C to 45°C, Storage: -40°C to 85°C.

• Customized performance available upon request. Please contact AMETEK Technical & Industrial Products' Marketing and Sales Department.

• When used as a vacuum, the blower performance might be less then shown herein, depending on the operating point.

• Product includes a two (2) plane balancing option for reduced vibration.

• **Weight** = 16 oz / .5 kg

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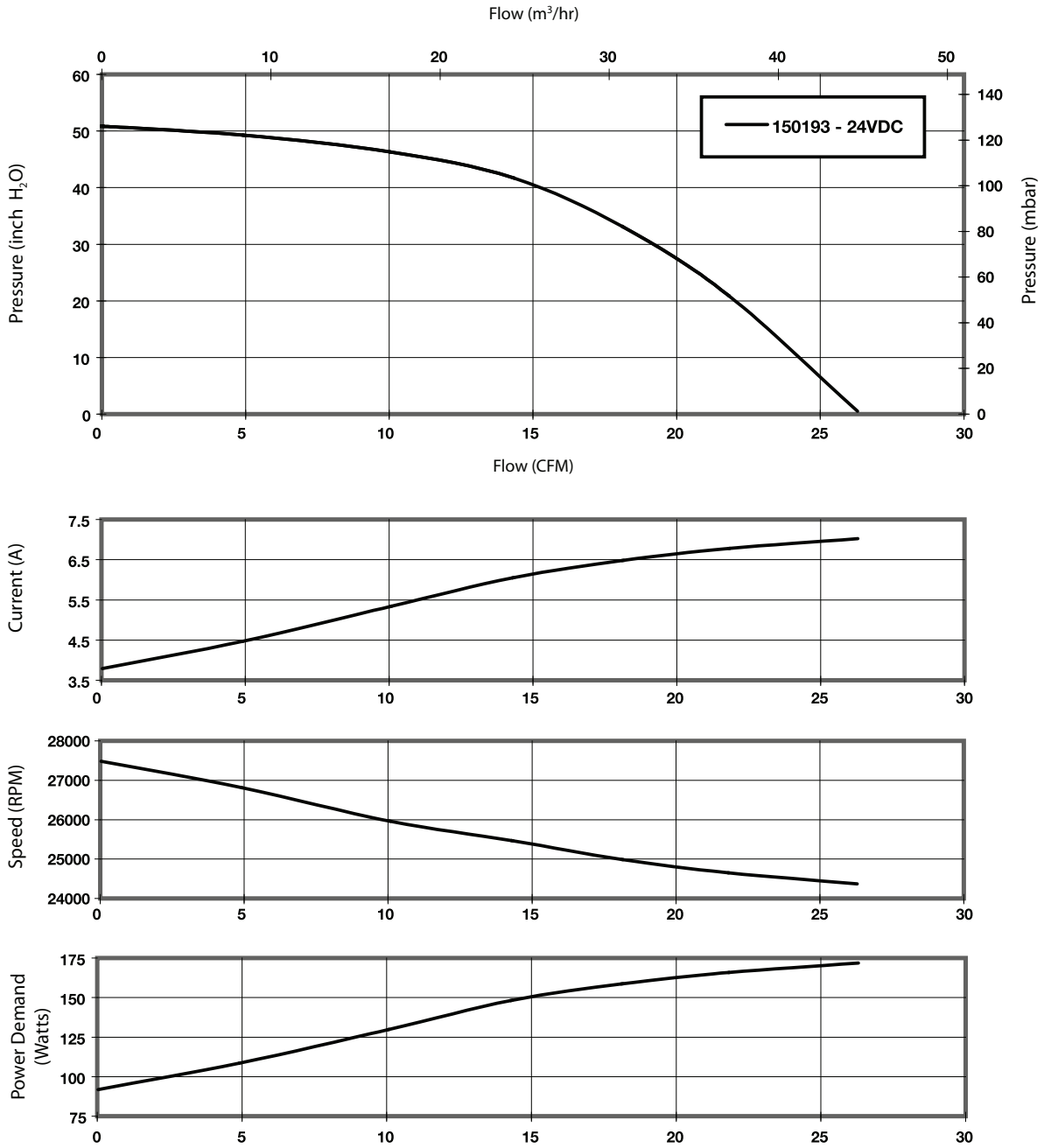
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AMETEK®
PRECISION MOTION CONTROL

5.1" (130mm) BLDC Low-Voltage Blower

24 VDC

Typical Performance



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Gold-standard solutions

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