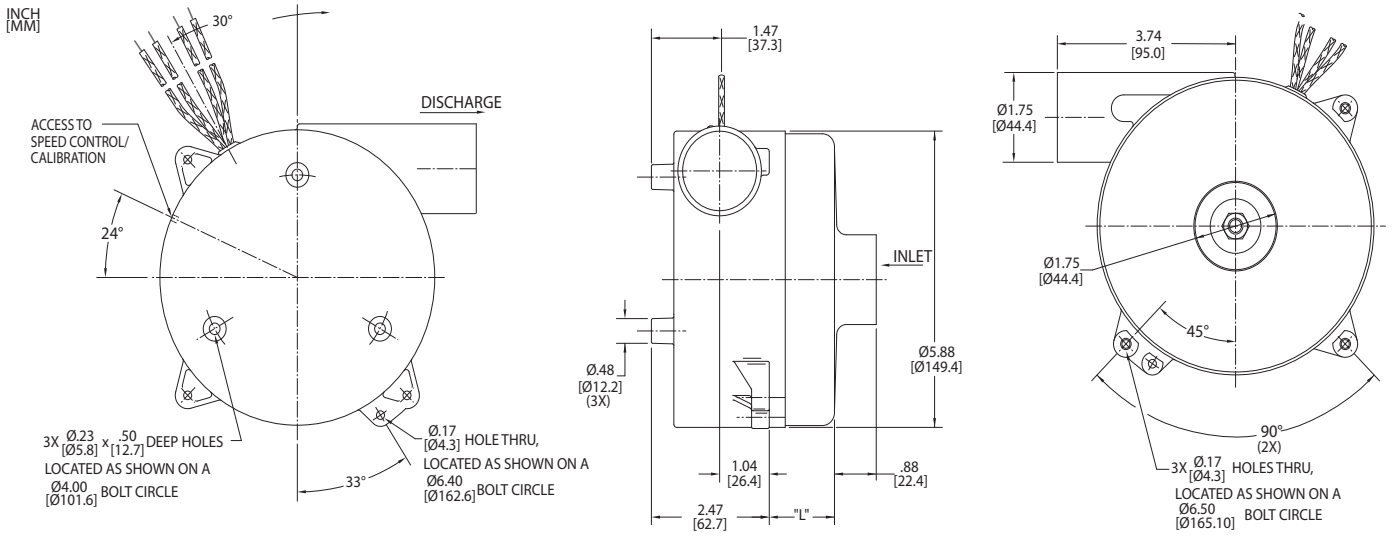
Low Voltage Brushless DC Blowers

5.7" (145mm) BLDC Thru Flow Blower

Windjammer® BRUSHLESS BLOWERS

24 VDC Input, High Flow System



		Part/ Model Number			
Specification	Units	150409	150439	150410	150440
Stages	-	1	1	2	2
Input Voltage	VDC	24	24	24	24
Max Sealed Pressure	in. H2O	33	33	55	55
	mbar	82.2	82.2	137	137
Max Open Flow Rate	CFM	123	123	95	95
	m3/hr	209.1	209.1	161.5	161.5
Length (L)	Inches	0.81	0.81	1.81	1.81
	mm	20.6	20.6	46	46
Speed Control	-	Anlg. Spd. Cmd.	Potent. Adjust.	Anlg. Spd. Cmd.	Potent. Adjust.

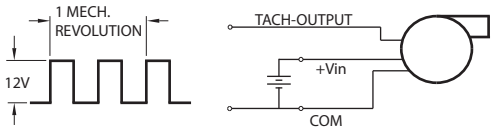
Notes:

- **Temperature**: Working Air: 0°C to 45°C , Ambient Air: 0°C to 45°C, Storage: -40°C to 85°C.
- When used as a vacuum, the blower performance might be less then shown herein, depending on the operating point.
- **Weight** = 6 lb / 2.2 Kg

Potentiometer Adjustment (Potent. Adjust.) - The specified supply voltage is applied and the speed is set by adjusting a potentiometer on the side of the blower.

Analog Speed Command (Anlg. Spd. Cmd.) - Blower speed is proportional to an analog speed command signal. The range over which the speed command signal operates can be calibrated within 0-10V by adjusting the sensitivity potentiometer accessed through the side of the blower. The sensitivity adjustment is also useful for precisely calibrating a group of blowers to the same speed for a given operating point and command signal voltage.

Tachometer Output - All of the models listed above come equipped with a tachometer output: a square wave output that is proportional to blower speed. The frequency of the tachometer output sigal is 2x the blower's rotational frequency.



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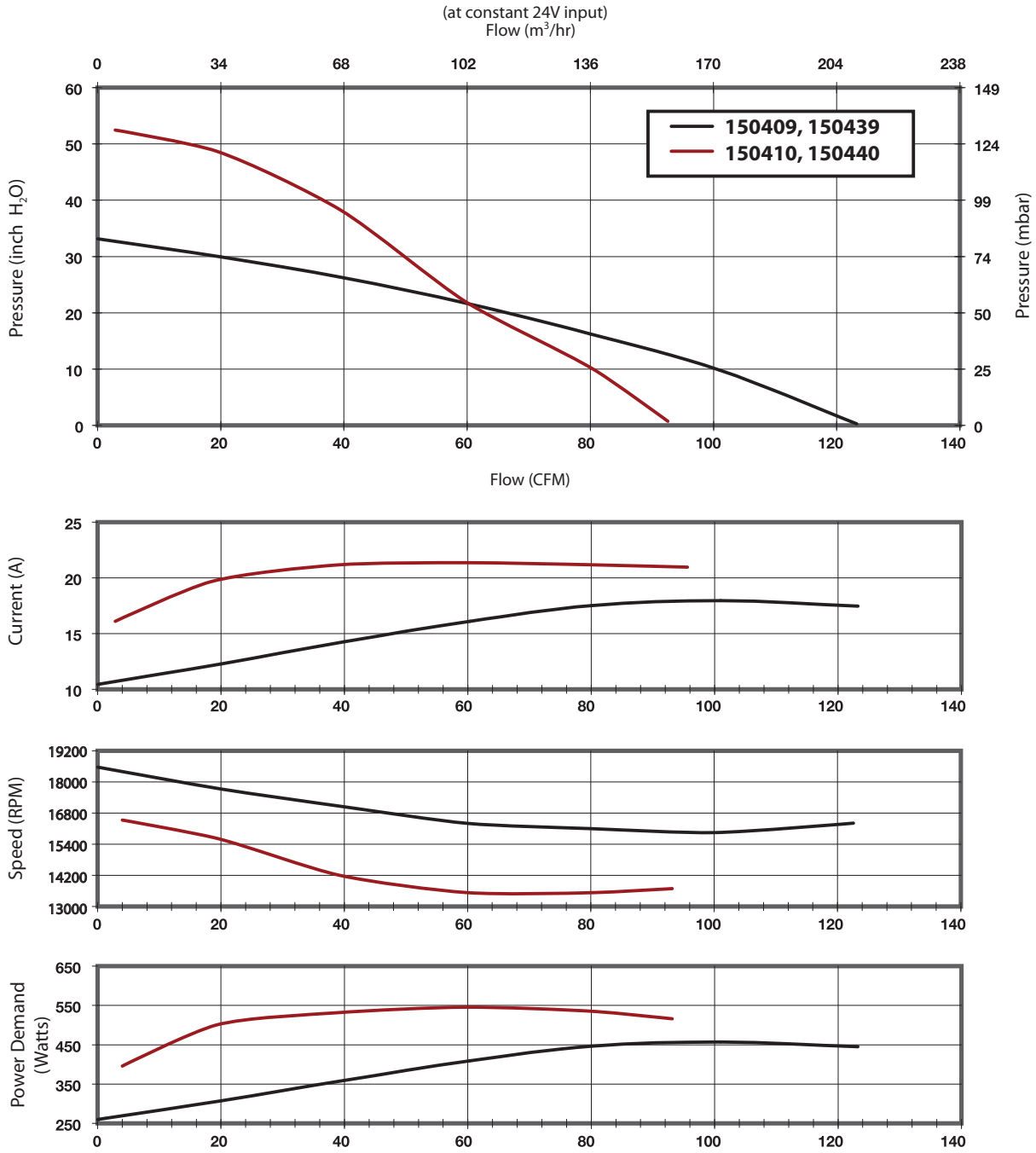
AMETEK
PRECISION MOTION CONTROL

5.7" (145mm) BLDC Thru Flow Blower

24 VDC Input, High Flow System

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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