Mooresville, North Carolina 28117
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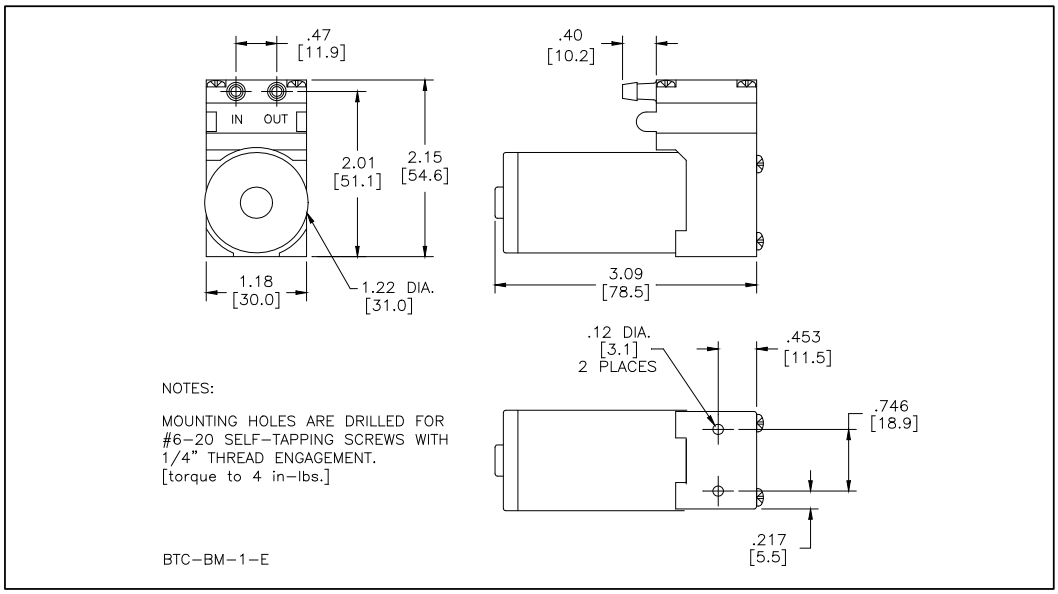
Part No.: **C153A-13**
Model No.: **B.1C60E1.B24VDC**
Description: **BTC Diaphragm Pump, Brush Motor**

Dimensional Layout:



Specifications:

1. Wetted Materials:

Pump Head:	Vectra [LCP]
Retainer Washer:	2024 Alum [700]
Retainer Screw:	316 Stainless
Valves:	AEPDM [80]
Diaphragm:	AEPDM [T80]
Gasket:	EPDM [65]

2. Performance:

	Continuous	Maximum
- Pressure [PSIG]:	8.0	24.0

3. Electrical:

Motor:	Brush Dual Bearing
Operating Voltage:	24.0 vdc
In-rush Current:	5 x Operating Current for up to 50 ms
Recommended Fusing:	Slow Blow @ 2x Operating Current

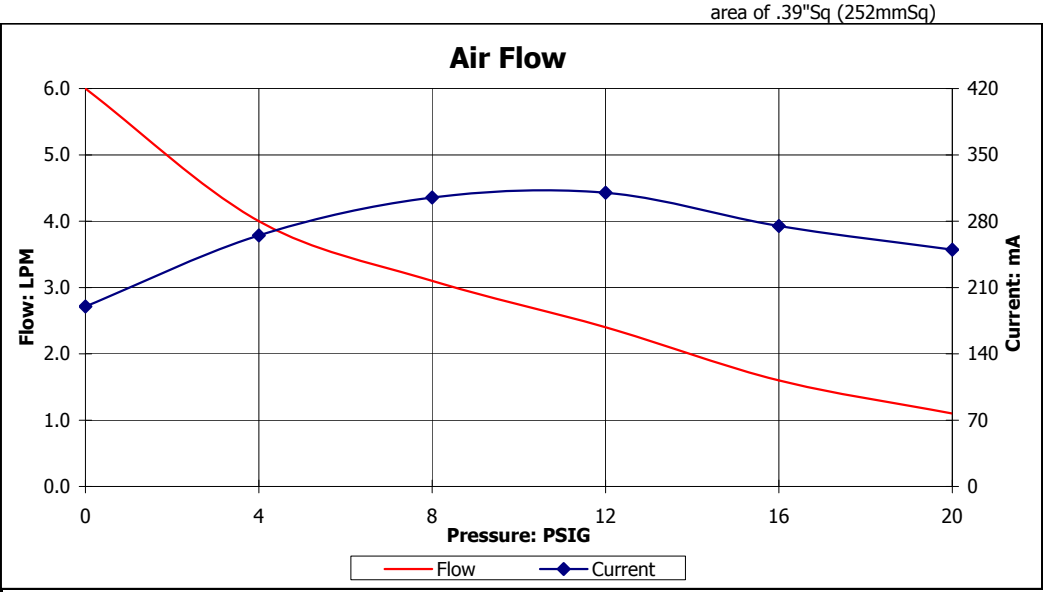
4. Other:

Temperature Range:	5 - 50° C
Free Flow RPM:	3900
Eccentric:	C900

5. Operating Limitations: Not configured for vacuum operation

6. Recommended Filtration: 40 Micron media w/ a minimum surface area of .39"Sq (252mmSq)

Press	Flow	Current
0	6.0	190
4	4.0	265
8	3.1	305
12	2.4	310
16	1.6	275
20	1.1	250



The above graph denotes nominal performance at 800' above sea level, at 24 degrees C, and at the specified voltage. **PR**