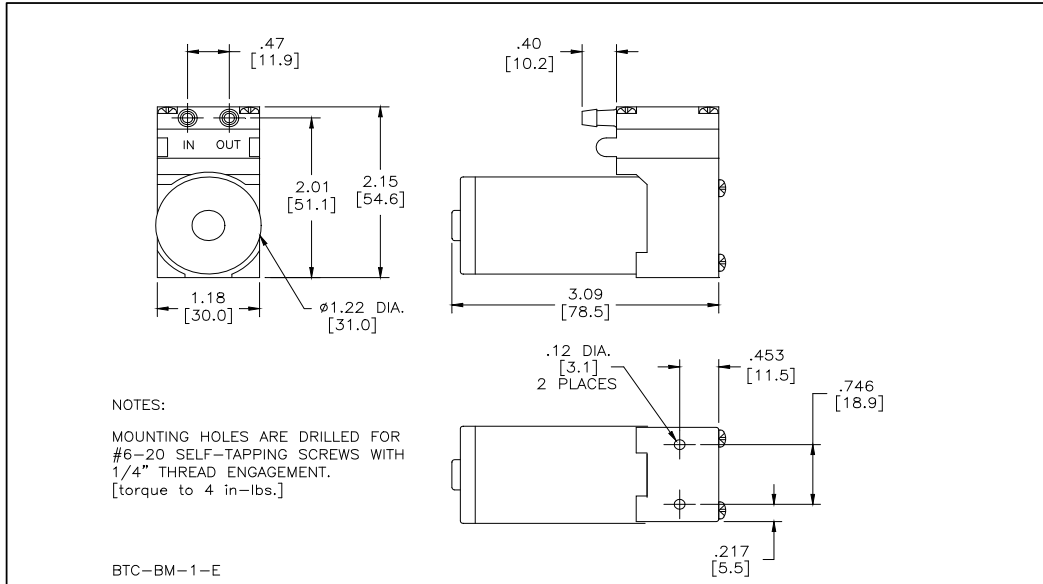




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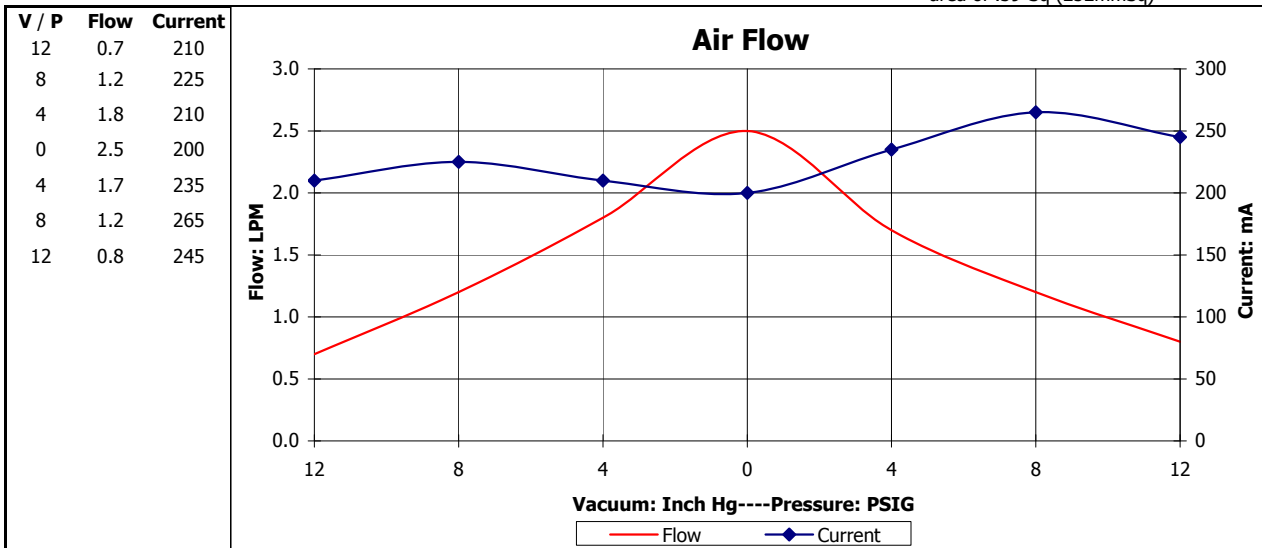
Part No.: **H037A-11**
 Model No.: **B.1F25E1.B12VDC**
 Description: **BTC Diaphragm Pump,
 Brush Motor**

Dimensional Layout:



Specifications:

- | | | | | | |
|-----------------------------|-------------------|-----------------|-----------------------------------|--|---------------------------------------|
| 1. Wetted Materials: | Pump Head: | Vectra [LCP] | 3. Electrical: | Motor: | Brush Dual Bearing |
| | Retainer Washer: | 2024 Alum [750] | | Operating Voltage: | 12.0 vdc |
| | Retainer Screw: | 316 Stainless | | In-rush Current: | 5 x Operating Current for up to 50 ms |
| | Valves: | EPDM [Q55] | | Recommended Fusing: | Slow Blow @ 2 x Operating Current |
| | Diaphragm: | AEPDM [F80] | | Temperature Range: | 5 - 50° C |
| | Gasket: | EPDM [65] | | Free Flow RPM: | 3400 |
| 2. Performance: | | | 4. Other: | Eccentric: | C450 |
| | <u>Continuous</u> | <u>Maximum</u> | 5. Operating Limitations: | N/A | |
| - Vacuum [In Hg]: | 16.0 | 16.0 | 6. Recommended Filtration: | 40 Micron media w/ a minimum surface area of .39" Sq (252mmSq) | |
| - Pressure [PSIG]: | 20.0 | 20.0 | | | |



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

PR