Mooresville, North Carolina 28117
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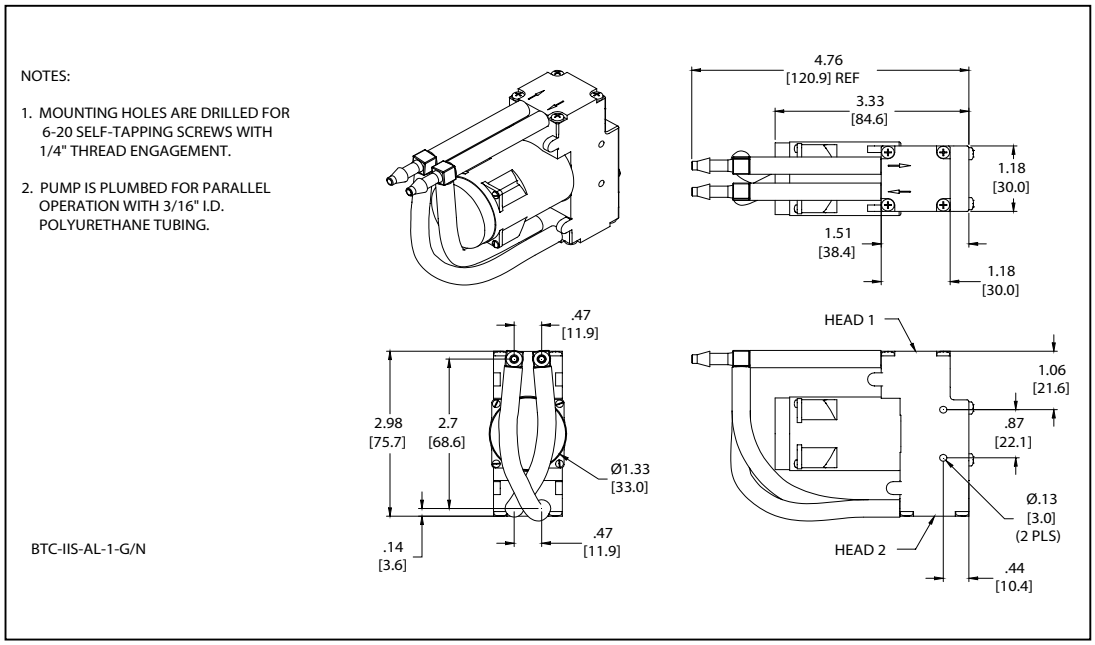
Part No.: **D737B-22-01**
Model No.: **C.1C60G1.1C60N1.A12VDC**
Description: **BTC-IIS Diaphragm Pump, Long Stack Brushless Motor**

Dimensional Layout:



Specifications:

1. Wetted Materials:

Pump Head:	Vectra [LCP]
Retainer Washer:	2024 Alum [750/750]
Retainer Screw:	316 Stainless
Valves:	AEPDM [Q80/Q80]
Diaphragm:	AEPDM [C80/C80]
Gasket:	EPDM [65]

2. Performance:

		Continuous	Maximum
- Vacuum: in Hg [AIR]	Parallel:	8.0	20.0

3. Electrical:

Motor:	Brushless, Dual Bearing Longstack
Operating Voltage:	12.0 VDC
In-rush Current:	5 x Operating Current for up to 50 ms
Recommended Fusing:	Slow Blow @ 2 x Operating Current

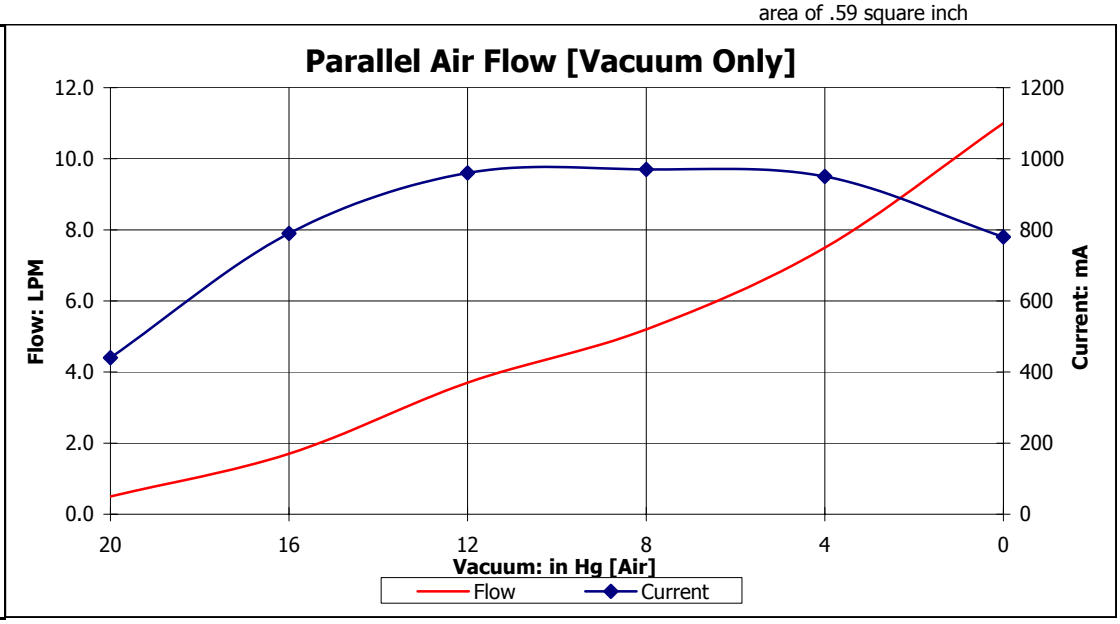
4. Other:

Temperature Range:	5 - 50° C
Free Flow RPM:	3600
Eccentric:	A900/A900

5. Operating Limitations: Not configured for pressure operation

6. Recommended Filtration: 40 Micron media w/ minimum surface area of .59 square inch

Vac	Flow	Current
20	0.5	440
16	1.7	790
12	3.7	960
8	5.2	970
4	7.5	950
0	11.0	780



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