

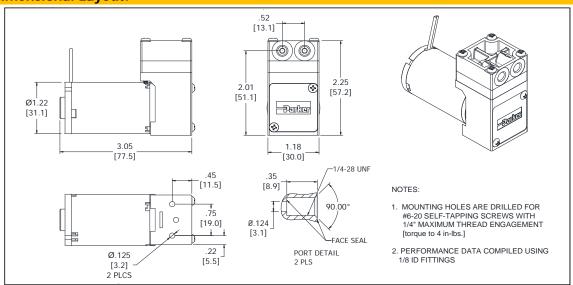
Mooresville, North Carolina 28117 T: 704-662-3500 F: 704-662-8744 www.parker.com/precisionfluidics

Part No.: W309-11

Model No.: L.3M07E2.B24VDC Description: LTC Diaphragm Pump,

Brush Motor

Dimensional Layout:



Specifications:

- Pressure: PSIG (Water) 30.0 [2.07]

[Bar(q)]

Brush Dual Bearing 1. Wetted Materials: Pump Head: Vectra [LCP] 3. Electrical:

AEPDM [Q80] Valves: Diaphragm: EPDM [M65-350] Gasket: EPDM [80]

24.0 VDC Operating Voltage:

In-rush Current: 5 x Operating Current for up to 50 ms

Recommended Fusing: Slow Blow @ 2 x

Operating Current

2. Performance: 4. Other: Temperature Range: 5 - 50° C Continuous **Maximum** - Vacuum: in Hg (Air) 14.5 [0.49] 14.5 [0.49] Free Flow Liquid RPM: 2600 C300

Eccentric: - Pressure: PSIG (Air) 15.5 [1.07] 15.5 [1.07]

30.0 [2.07]

[Bar(g)]

5. Operating Limitations: Not configured for pressures above 30 PSIG

6. Recommended Filtration: 40 Micron media w/ a minimum surface

area of .59"Sq (380mmSq) Press Flow Current Liquid Flow [Preliminary] 800 400 0 720 305 5 715 305 700 350 10 685 320 600 300 15 660 330 20 625 335 500 250 Flow: mLPM 25 585 330 400 200 30 540 325 300 150 200 100 100 50 0 0 0 20 25 30 10 15 [0.17] [0] [0.34][0.51] [1.38] [0.85] [1.02] Pressure: PSIG (Water) [Bar(g)] Current

The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.

The above graph denotes nominal performance at 800' above sea level, 24°C, and at the specified voltage. Performance may vary with other fluids.