

2 Series - Micro Diaphragm Air Pump

Model:BD-02A1L

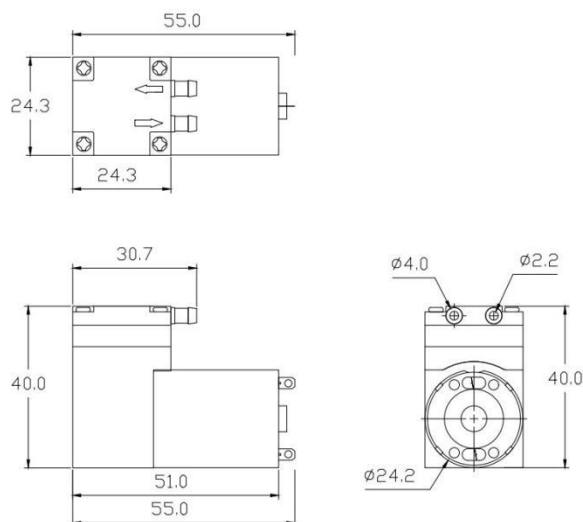
Pneumatic Data	
Maximum Pressure	1bar (100kPa/0.010Mpa)
Maximum Flow(@0 kPa)	1L/min
Electrical Data	
Motor Type	DC Brush Motor
Rated Voltage	12V DC
No-load Current	≤0.1A
Noise From 30cm	55 dB
Working Mode	Intermittent
Life Time	500 hours
Other Data	
Inlet/Outlet diameter	Φ4.0 mm/Φ2.2 mm
Dimensions	53x40x24.3 mm
Weight	71 g
Pump Head/Body Material	Nylon
Diaphragm And Valve Material	EPDM
Operating Environment Temperature	5-40℃



Features

- Miniature diaphragm air pump, small size , maintenance-free
- Precise production, high flow, high pressure
- Brushed DC motor; pump life exceeds 500 hours under no-load test conditions.

Dimensional Outline Drawing (Unit:mm)



Optional Accessories (Sold Separately)

Check Valve, Silicone Shock Bracket, Air Filter



Usage and Attention

- 1.The motor terminal marked with a red dot is positive (+); the other terminal is negative (-).
- 2.Intermittent cyclic operation is recommended. Each operating cycle should not exceed 30 minutes. Keep the ambient temperature below 40° C and the motor surface temperature below 70° C. Allow sufficient cooling time before restarting the pump.
3. Do not exceed the specified voltage, maximum pressure, operating temperature, or other rated limits.
4. This product is not waterproof or dustproof. Damage caused by water, condensation, dust, insects, or other foreign matter is not covered by the warranty.
5. Keep the pump clean and dry. An inlet filter is recommended where airborne particles or other contaminants may be present.