

4 Series - Micro Diaphragm Vacuum Pump

Model:BD-04VB11L

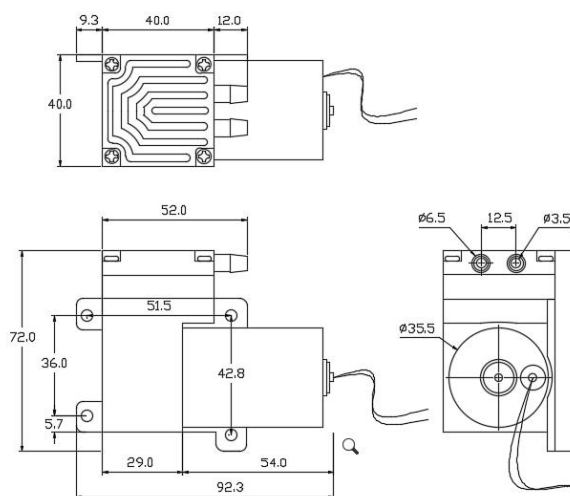
Pneumatic Data	
Maximum Vacuum (Negative Pressure)	-75 kPa (-563mmHg/-0.0750Mpa)
Maximum Flow(@0 kPa)	11L/min
Electrical Data	
Motor Type	DC Brushless Motor
Rated Voltage	12V DC
No-load Current	≤0.6 A
Noise	60 dB
Working Mode	Continuous or Intermittent
Life Time	5000 hours
Other Data	
Inlet/Outlet diameter	Φ6.5 mm/Φ3.5 mm
Dimensions	92.3x72x40 mm
Weight	305 g
Pump Head/Body Material	Nylon
Diaphragm And Valve Material	EPDM
Operating Environment Temperature	5-40℃



Features

- Miniature diaphragm vacuum pump, small size , maintenance-free
- Precise production, high flow, high pressure
- Long-life brushless DC motor; pump life exceeds 5,000 hours under no-load test conditions.

Dimensional Outline Drawing (Unit:mm)



Optional Accessories (Sold Separately)

Check Valve, Air Filter, Muffler, Rubber Shock Bracket(Available for versions without side mounting holes)



Usage and Attention

- 1.Connect the red wire to the positive terminal (+) and the black wire to the negative terminal (-).
- 2.Intermittent cyclic operation is recommended. Each operating cycle should not exceed 2 hours. 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.