

3 Series - Micro Diaphragm Vacuum Pump

Model:BD-03VB 3L

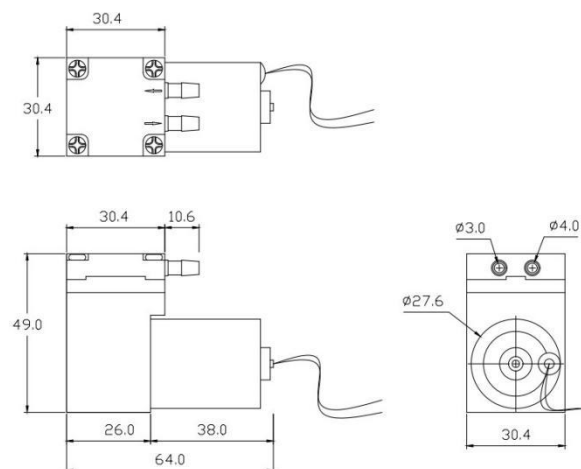
Pneumatic Data	
Maximum Vacuum (Negative Pressure)	-60 kPa (-450mmHg/-0.060Mpa)
Maximum Flow(@0 kPa)	3L/min
Electrical Data	
Motor Type	DC Brusless Motor
Rated Voltage	12V DC
No-load Current	0.6A
Noise From 30cm	65 dB
Working Mode	Continuous or Intermittent
Life Time	5000 hours
Other Data	
Inlet/Outlet Diameter	Φ3.0 mm/Φ4.8 mm
Dimensions	64x49x30.4 mm
Weight	120 g
Pump Material	Nylon
Diaphragm And Valve Material	EPDM
Operating Environment Temperature	5-45℃



Features

- Miniature diaphragm air vacuum pump, small size , maintenance-free
- Precise production, high flow, high vacuum
- Brushless motor, operation life of more than 5000 hours.

Dimensional Outline Drawing (Unit:mm)



Usage and Attention

1. Red point or red wire on motor marked as Positive pole; Black wire on motor marked as negative pole.
2. Expected lifetime: approx 5000 hours with continuous running under condition of rated voltage and normal temperature (25℃), it is recommended to work continuously for no more than 2 hours each time.
3. Please do not exceed the maximum specifications required , Otherwise we don't guarantee the product.
4. This product does not guarantee lifetime and defective products due to get into of dust, water droplets, bugs.
5. Impurities in prohibited from entering the motor and water droplets, In order to avoid to cause product performance unstable and damage products.

3 Series - Micro Diaphragm Vacuum Pump

Model:BD-03VB 5L

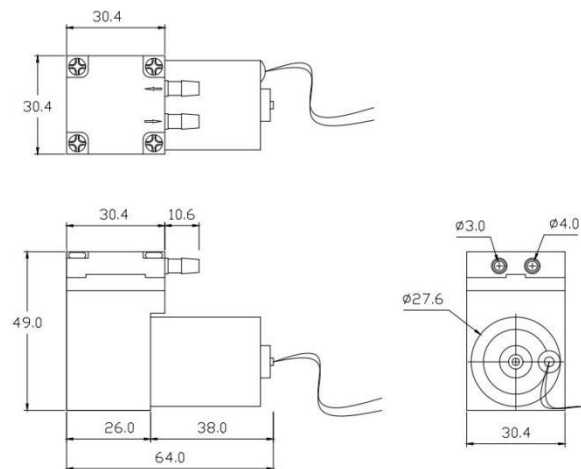
Pneumatic Data	
Maximum Vacuum (Negative Pressure)	-70 kPa (-525mmHg/-0.070Mpa)
Maximum Flow(@0 kPa)	5L/min
Electrical Data	
Motor Type	DC Brusless Motor
Rated Voltage	12V DC
No-load Current	0.6A
Noise From 30cm	65 dB
Working Mode	Continuous or Intermittent
Life Time	5000 hours
Other Data	
Inlet/Outlet Diameter	Φ3.0 mm/Φ4.8 mm
Dimensions	64x49x30.4 mm
Weight	120 g
Pump Material	Nylon
Diaphragm And Valve Material	EPDM
Operating Environment Temperature	5-45℃



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3 Series - Micro Diaphragm Vacuum Pump

Model:BD-03VB 6L

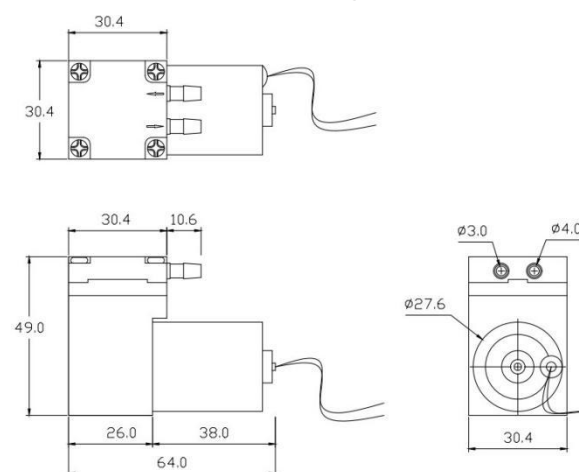
Pneumatic Data	
Maximum Vacuum (Negative Pressure)	-70 kPa (-525mmHg/-0.070Mpa)
Maximum Flow(@0 kPa)	6L/min
Electrical Data	
Motor Type	DC Brusless Motor
Rated Voltage	12V DC
No-load Current	0.6A
Noise From 30cm	65 dB
Working Mode	Continuous or Intermittent
Life Time	5000 hours
Other Data	
Inlet/Outlet Diameter	Φ3.0 mm/Φ4.8 mm
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