

7 Series - Small Piston Vacuum Pump

Model:BD-07VB-M 17L

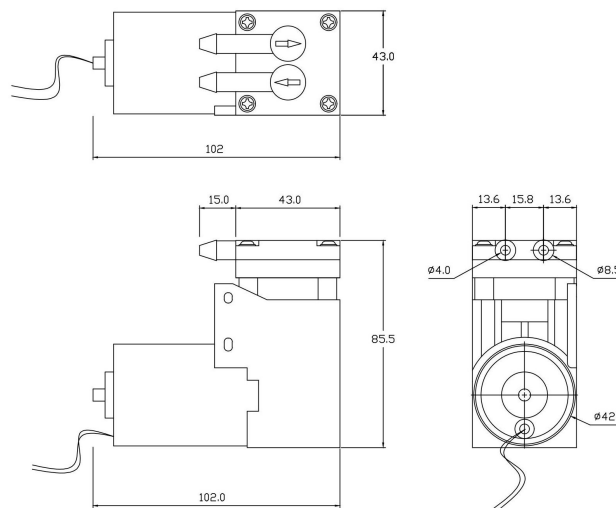
Pneumatic Data	
Maximum Vacuum (Negative Pressure)	-80 kPa (-600mmHg/-0.080Mpa)
Maximum Flow(@0 kPa)	17L/min
Electrical Data	
Motor Type	DC Brushless Motor
Rated Voltage	12V DC
No-load Current	2A
Noise From 30cm	65 dB
Working Mode	Intermittent
Life Time	3000 hours
Other Data	
Inlet/Outlet Diameter	Φ4.0 mm/Φ8.5 mm
Dimensions	102x85.5x43 mm
Weight	580 g
Pump Material	PPS
Diaphragm And Valve Material	EPDM
Operating Environment Temperature	5-45℃



Features

- Miniature piston air vacuum pump, small size , maintenance-free
- Precise production, oilless, high flow, high vacuum
- Brushless motor, operation life of more than 3000 hours.

Dimensional Outline Drawing (Unit:mm)



Accessories Optional

Check Valve, Silicone Shock Bracket, Muffler



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 3000 hours with continuous running under condition of rated voltage and normal temperature (25℃), it is recommended to work continuously for no more than 1-1.5 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.

7 Series - Small Piston Vacuum Pump

Model:BD-07VB-M 25L

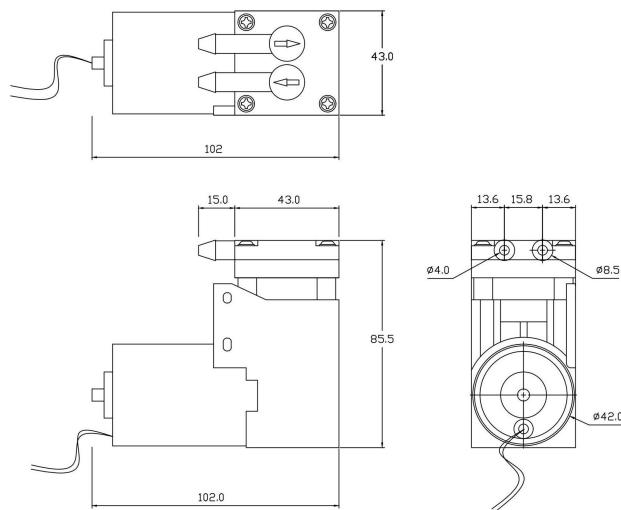
Pneumatic Data	
Maximum Vacuum (Negative Pressure)	-85 kPa (-638mmHg/-0.0850Mpa)
Maximum Flow(@0 kPa)	25L/min
Electrical Data	
Motor Type	DC Brushless Motor
Rated Voltage	12V DC
No-load Current	3A
Noise From 30cm	68 dB
Working Mode	Intermittent
Life Time	3000 hours
Other Data	
Inlet/Outlet Diameter	Φ4.0 mm/Φ8.5 mm
Dimensions	108x85.5x43 mm
Weight	580 g
Pump Material	PPS
Diaphragm And Valve Material	EPDM
Operating Environment Temperature	5-45℃



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7 Series - Small Piston Vacuum Pump

Model:BD-07VB-M 38L

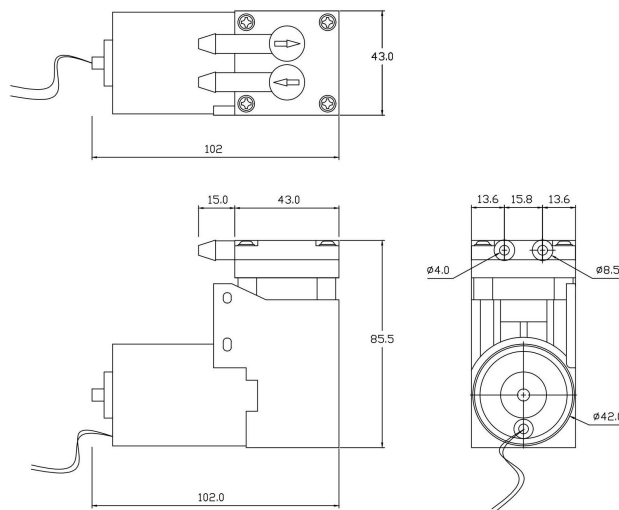
Pneumatic Data	
Maximum Vacuum (Negative Pressure)	-85 kPa (-638mmHg/-0.0850Mpa)
Maximum Flow(@0 kPa)	38L/min
Electrical Data	
Motor Type	DC Brushless Motor
Rated Voltage	12V DC
No-load Current	4A
Noise From 30cm	70 dB
Working Mode	Intermittent
Life Time	3000 hours
Other Data	
Inlet/Outlet Diameter	Φ4.0 mm/Φ8.5 mm
Dimensions	102x85.5x43 mm
Weight	580 g
Pump Material	PPS
Diaphragm And Valve Material	EPDM
Operating Environment Temperature	5-45℃



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