

3 Series - Micro Diaphragm Air Pump

Model:BD-03A 3L

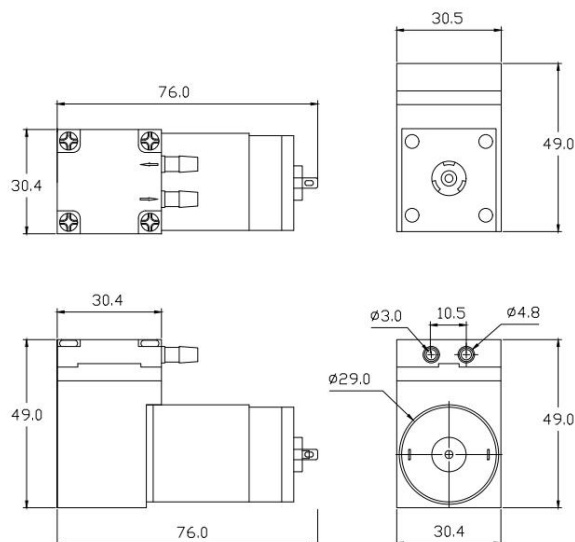
Pneumatic Data	
Maximum Pressure	2 bar (200kPa/0.020Mpa)
Maximum Flow(@0 kPa)	3L/min
Electrical Data	
Motor Type	DC Brush Motor
Rated Voltage	12V DC
No-load Current	0.6A
Noise From 30cm	65 dB
Working Mode	Intermittent
Life Time	1000 hours
Other Data	
Inlet/Outlet Diameter	Φ3.0 mm/Φ4.8 mm
Dimensions	76x49x30.4 mm
Weight	140 g
Pump Material	Nylon
Diaphragm And Valve Material	EPDM
Operating Environment Temperature	5-45℃



Features

- Miniature diaphragm air pump, small size , maintenance-free
- Precise production, high flow, high pressure
- Brush motor, operation life of more than 1000 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 1000 hours with continuous running under condition of rated voltage and normal temperature (25℃), it is recommended to work continuously for no more than 30 minutes 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 Air Pump

Model:BD-03A 5L

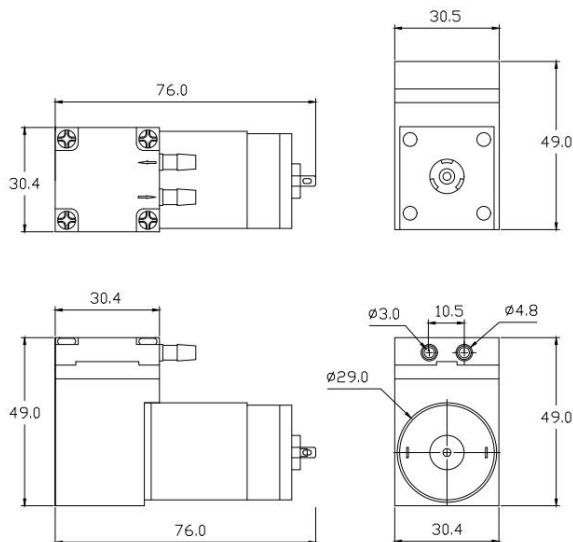
Pneumatic Data	
Maximum Pressure	2.5 bar (250kPa/0.250Mpa)
Maximum Flow(@0 kPa)	5L/min
Electrical Data	
Motor Type	DC Brush Motor
Rated Voltage	12V DC
No-load Current	0.6A
Noise From 30cm	65 dB
Working Mode	Intermittent
Life Time	1000 hours
Other Data	
Inlet/Outlet Diameter	Φ3.0 mm/Φ4.8 mm
Dimensions	76x49x30.4 mm
Weight	140 g
Pump Material	Nylon
Diaphragm And Valve Material	EPDM
Operating Environment Temperature	5-45℃



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3 Series - Micro Diaphragm Air Pump

Model:BD-03A 6L

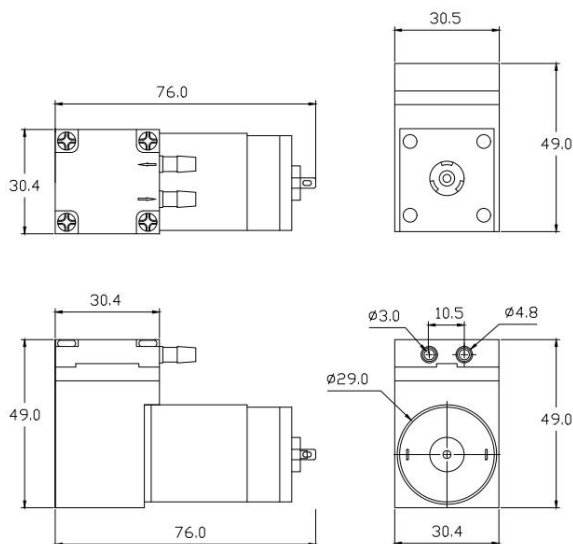
Pneumatic Data	
Maximum Pressure	3 bar (300kPa/0.030Mpa)
Maximum Flow(@0 kPa)	5L/min
Electrical Data	
Motor Type	DC Brush Motor
Rated Voltage	12V DC
No-load Current	0.6A
Noise From 30cm	65 dB
Working Mode	Intermittent
Life Time	1000 hours
Other Data	
Inlet/Outlet Diameter	Φ3.0 mm/Φ4.8 mm
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