

Product Catalog

Micro Diaphragm Pump (Air/Vacuum)

- BD-01 Series Max Flow 1 L/min
- BD-02 Series Max Flow 3.5 L/min
- BD-03 Series Max Flow 7 L/min
- BD-04 Series Max Flow 22 L/min

Micro Diaphragm Pump (Water/liquid)

- BD-01 Series Max Flow 200 mL/min
- BD-02 Series Max Flow 500 mL/min
- BD-03 Series Max Flow 700 mL/min
- BD-04 Series Max Flow 1.5 L/min
- BD-07 Series Max Flow 1 L/min

Small Piston Pump (Air/Vacuum)

- BD-07 Series Max Flow 40 L/min

Mini Compressor(Air/Vacuum)

- BD-08 Series Max Flow 45 L/min
- BD-08 Series Max Flow 80 L/min

Pump Accessories

- Muffler
- Shock Absorber
- Silicone hose



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Micro Pump

BODENFLO

Precision Fluid from BODENFLO



Micro Diaphragm Pump (Air/Vacuum)

Explanation Model

BODEN – “BD”

Pump series – “01”

Air pump – “A”

Vacuum pump – “V”

Brushless motor – “B”

BD-01 Series Customization— Flow: 0.3-1L/min, Pressure:0.5-1bar, Vacuum: -30~60kpa, Power:1-2W

BD-01A-S | BD-01A-L

- ① Flow(@0bar): 0.3L/min
Max pressure: 0.5bar
- ② Flow(@0bar): 0.5L/min
Max pressure: 0.9bar
- ③ Flow(@0bar): 1L/min
Max pressure: 1bar

BD-01V-S | BD-01V-L

- ① Flow(@0kpa): 0.3L/min
Max vacuum: -30kpa
- ② Flow(@0kpa): 0.5L/min
Max vacuum: -50kpa
- ③ Flow(@0kpa): 0.8L/min
Max vacuum: -60kpa



Brush motor

3V, 6V, 12V

300-500hours

Noise 45-60dB

Dimensions in
mm (inch)



BD-02 Series Customization— Flow: 1-4L/min, Pressure:0.5-1.5bar, Vacuum: -30~65kpa, Power:2-3W

BD-02A | BD-02AB

- ① Flow(@0bar): 1L/min
Max pressure: 0.5bar
- ② Flow(@0bar): 1.5L/min
Max pressure: 1bar
- ③ Flow(@0bar): 3L/min
Max pressure: 1.5bar

BD-02V | BD-02VB

- ① Flow(@0kpa): 1L/min
Max vacuum: -30kpa
- ② Flow(@0kpa): 1.5L/min
Max vacuum: -50kpa
- ③ Flow(@0kpa): 3L/min
Max vacuum: -65kpa



Brushless
motor

Brush
motor

6V, 12V, 24V

3000hours

500hours

Noise 48-60dB

Dimensions in
mm (inch)



BD-03 Series Customization— Flow: 3-7L/min, Pressure:2-3bar, Vacuum: -45~70kpa, Power:7-12W

BD-03A | BD-03AB

- ① Flow(@0bar): 3L/min
Max pressure: 2bar
- ② Flow(@0bar): 5L/min
Max pressure: 2.5bar
- ③ Flow(@0bar): 6L/min
Max pressure: 3bar

BD-03V | BD-03VB

- ① Flow(@0kpa): 3L/min
Max vacuum: -60kpa
- ② Flow(@0kpa): 5L/min
Max vacuum: -70kpa
- ③ Flow(@0kpa): 6L/min
Max vacuum: -70kpa



Brushless
motor

Brush
motor

6V, 12V, 24V

5000hours

1000hours

Noise 50-65dB

Dimensions in
mm (inch)



BD-04 Series Customization— Flow: 7-22L/min, Pressure:2.5-3.5bar, Vacuum: -75~85kpa, Power:7-16W

BD-04A | BD-04AB

- ① Flow(@0bar): 11L/min
Max pressure: 2.5bar
- ② Flow(@0bar): 15L/min
Max pressure: 3bar
- ③ Flow(@0bar): 20L/min
Max pressure: 3.5bar

BD-04V | BD-04VB

- ① Flow(@0kpa): 11L/min
Max vacuum: -75kpa
- ② Flow(@0kpa): 15L/min
Max vacuum: -80kpa
- ③ Flow(@0kpa): 20L/min
Max vacuum: -80kpa



Brushless
motor

Brush
motor

6V, 12V, 24V

5000hours

1000hours

Noise 50-65dB

Dimensions in
mm (inch)





Micro Diaphragm Pump (Water/Liquid)

ISO9001, CE, ROHS

Explanation Model

BODEN – “BD”

Pump series – “01”

Water/Liquid pump – “W”

Brushless motor – “B”

BD-01 Series 3V, 6V, 12V; Diaphragm: EPDM, PTFE, FKM



BD-01W-S/BD-01W-L

Flow(water): 100-200 mL/min
Max vacuum: -30kpa
Motor: Brush motor
Lifetime: 300-500hours
Noise: 50dB
Dimensions in mm(inch)



BD-02 Series 6V, 12V, 24V; Diaphragm: EPDM, PTFE, FKM



BD-02W | BD-02WB

Flow(water): 200-500 mL/min
Max vacuum: -30kpa
Brushless motor | Brush motor
3000hours | 500 hours
Noise: 50dB
Dimensions in mm(inch)



BD-03 Series 6V, 12V, 24V; Diaphragm: EPDM, PTFE, FKM



BD-03W | BD-03WB

Flow(water): 400-700 mL/min
Max vacuum: -30kpa
Brushless motor | Brush motor
5000hours | 1000 hours
Noise: 50dB
Dimensions in mm(inch)



BD-04 Series 6V, 12V, 24V; Diaphragm: EPDM, PTFE, FKM



BD-04W | BD-04WB

Flow(water): 1.5 L/min
Max vacuum: -30kpa
Brushless motor | Brush motor
5000hours | 1000 hours
Noise: 50dB
Dimensions in mm(inch)



BD-07W

Flow(water): 1 L/min
Max pressure: 10 bar
Motor: Brush motor
Lifetime: 1000hours
Noise: 50dB
Dimensions in mm(inch)



BD-07WB

Flow(water): 1 L/min
Max pressure: 10 bar
Motor: Brushless motor
Lifetime: 3000hours
Noise: 50dB
Dimensions in mm(inch)

BD-07 Series 12V, 24V; Diaphragm: EPDM, PTFE, FKM

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<https://bodenpump.com/>

<https://bodenpump.com/diaphragm-liquid-pumps/>



Small Piston Pump (Air/Vacuum)

ISO9001, CE, ROHS

Explanation Model

BODEN – “BD”

Pump series – “01”

Air pump – “A”

Vacuum pump – “V”

Brushless motor – “B”

Metal head – “M”

Single head – “S”

Double head – “D”

Mini

Compressor (Air/Vacuum)

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<https://bodenpump.com/>

BD-07 Series Customization— Flow: 15-40L/min, Pressure:4.5-6.5bar, Vacuum: -80~85kpa, Power:24-50W

BD-07A | BD-07AB

- ① Flow(@0bar): 15L/min
Max pressure: 4.5bar
- ② Flow(@0bar): 20L/min
Max pressure: 5bar
- ③ Flow(@0bar): 35L/min
Max pressure: 6bar

BD-07V | BD-07VB

- ① Flow(@0kpa): 15L/min
Max vacuum: -80kpa
- ② Flow(@0kpa): 20L/min
Max vacuum: -85kpa
- ③ Flow(@0kpa): 35L/min
Max vacuum: -85kpa



Brushless motor	Brush motor
12V, 24V	12V, 24V
3000hours	1000hours
Noise 60-70dB	
Dimensions in mm (inch)	



BD-07 Series Customization— Flow: 15-40L/min, Pressure:4.5-6.5bar, Vacuum: -80~85kpa, Power:24-50W

BD-07A-M | BD-07AB-M

- ① Flow(@0bar): 17L/min
Max pressure: 4.5bar
- ② Flow(@0bar): 25L/min
Max pressure: 5bar
- ③ Flow(@0bar): 40L/min
Max pressure: 6.5bar

BD-07V-M | BD-07VB-M

- ① Flow(@0kpa): 17L/min
Max vacuum: -80kpa
- ② Flow(@0kpa): 25L/min
Max vacuum: -85kpa
- ③ Flow(@0kpa): 38L/min
Max vacuum: -85kpa



Brushless motor	Brush motor
12V, 24V	12V, 24V
3000hours	1000hours
Noise 60-70dB	
Dimensions in mm (inch)	



BD-08 Series Customization— Flow: 40-45L/min, Pressure:2-7bar, Vacuum: -85kpa, Power:60-120W

BD-08A-S | BD-08AB-S

- ① Flow(@0bar): 45L/min
Max pressure: 6bar
- ② Flow(@0bar): 45L/min
Max pressure: 4bar
- ③ Flow(@0bar): 45L/min
Max pressure: 2bar

BD-08V-S | BD-08VB-S

- ① Flow(@0kpa): 40L/min
Max vacuum: -85kpa
- Advantage:**
Small size and light weight
DC powered, low power
Oil-free, sustainable work
Aluminum alloy material
high temperature resistance



Brushless motor	Brush motor
12V, 24V	12V, 24V
5000hours	1000hours
Noise 62-75dB	
Dimensions in mm (inch)	



BD-08 Series Customization— Flow: 70-80L/min, Pressure:2-7bar, Vacuum: -85kpa, Power:80-150W

BD-08A-D | BD-08AB-D

- ① Flow(@0bar): 80L/min
Max pressure: 7bar
- ② Flow(@0bar): 80L/min
Max pressure: 5bar
- ③ Flow(@0bar): 80L/min
Max pressure: 2bar

BD-08V-D | BD-08VB-D

- ① Flow(@0kpa): 70L/min
Max vacuum: -85kpa
- Patented product:**
Compact design
High torque motor
Aluminum alloy material
Double cylinder piston movement
Can be suction and Inflatable



Brushless motor	Brush motor
12V, 24V	12V, 24V
5000hours	1000hours
Noise 62-75dB	
Dimensions in mm (inch)	



<https://bodenpump.com/piston-gas-pumps/>

<https://bodenpump.com/mini-compressor-air-vacuum/>