

BD - 05T Series - Micro Diaphragm Pump

Model:BD-05T054L

| Performance Data | |
|---------------------------|--|
| Model(for Standard) | BD-05T054L |
| Voltage Range | 12/24V |
| Maximum Flow | 3.1 L/min (TSI meter) 4.2 L/min (float meter) |
| Maximum negative pressure | -60Kpa |
| Max positive pressure | 1Bar |
| Motor Data | |
| Motor type | High-end DC brushless motor |
| Max power | 5W |
| Waterproof lever | IP54 |
| Physical Properties | |
| Storage temperature | -40℃~60℃ |
| Operating environment | -20℃~45℃ |
| Max medium temperature | -10℃~120℃ |
| Material | |
| Head of pump | Stainless steel |
| Diaphragm/Valve | Imported FKM |
| Pump body | Imported Nylon |
| Dimension | 61*32*61mm |
| Weight | 168g |



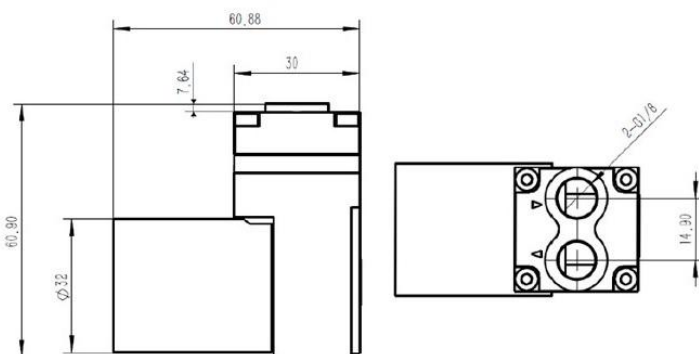
Features

Optimized pump body to ensure small volume, provide large flow and maintain relatively low power consumption.

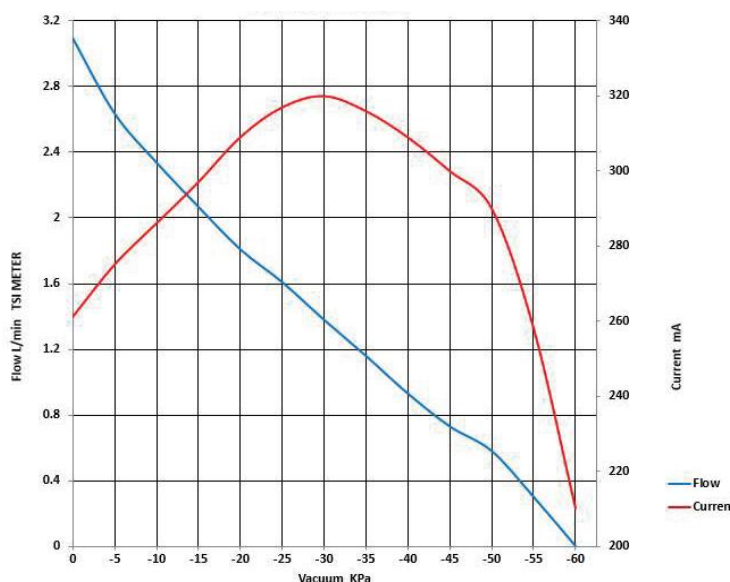
The gas flow is stable and the motor runs in a wide range.

- High performance motor
- Dc brushless motor lifetime >8000hours
- Imported ball bearing material design
- professional seal design ensures low leakage rate
- anti-corrosion and anti-high temperature
- High quality imported FKM rubber materials, withstand a variety of gas corrosion

Drawing(mm)



Curve



Wiring instructions

- Red wire: Positive of power supply
- Black wire: Negative of power supply
- Blue wire: PWM, 0-5V, 15K~25K
(connect Positive of PS to support full speed)
- Green wire: FG, 1Pulse/Cycle, 0-5V, TTL Pulse