

BD - 05T Series - Micro Diaphragm Pump

Model:BD-05T01.51500B

| Performance Data | |
|---------------------------|--|
| Model | BD-05T01.51500B |
| Voltage range | 5V/12V |
| Maximum flow | 1L/min or 1.5L/min (TSI Electric Flowmeter) |
| Maximum negative pressure | -45KPa |
| Maximum positive pressure | +50KPa |
| Motor Data | |
| Motor type | DC brushless motor |
| Max power | 0.4w |
| Waterproof lever | IP20 |
| Physical Properties | |
| Storage temperature | -40℃~60℃ |
| Operating environment | -20℃~45℃ |
| Material | |
| Pump head | PPS |
| Diaphragm/valve | EPDM Customized FKM |
| Pump body | Nylon |
| Dimension | 42*35*23mm |
| Weight | 29g |

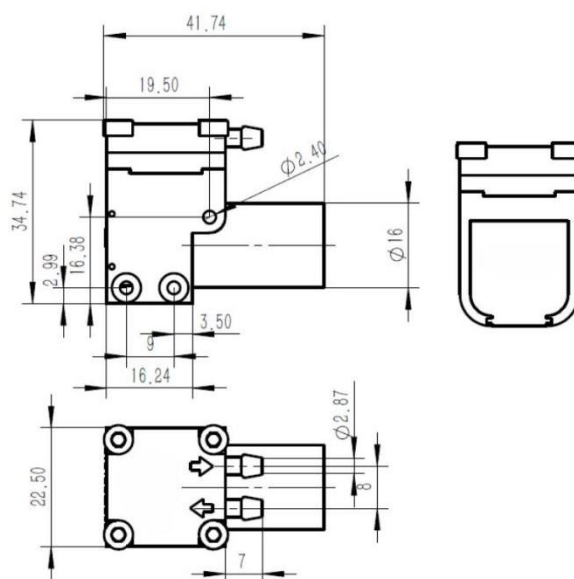


Features

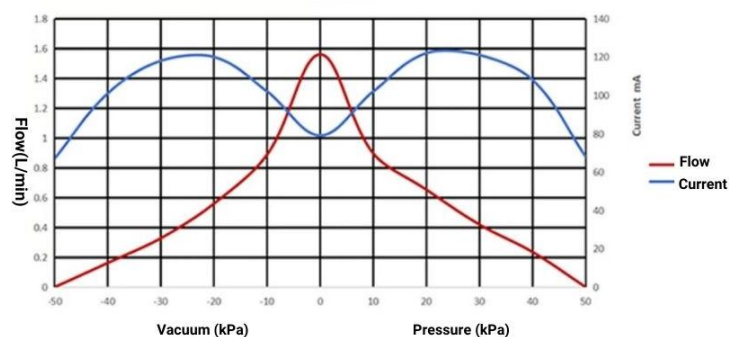
Optimized pump body to ensure small volume, provide large flow and maintain relatively low power consumption. The gas flow is stable and the motor runs in a wide range.

- Professional seal design ensures low leakage rate
- High quality imported EPDM rubber materials,
- Long lifetime: Brushless motor: 8000 hours

Drawing(mm)



Curve



Application fields

- CEMS
- Handheld Instruments
- Analysis Instrument
- Medical Device
- Food Processing
- Environmental Protection
- Automatic Production Line Robot