

# BD - 05T Series - Rotary Vane Vacuum Pump

## Model:BD-05T01HR5L

| Performance Data          |                      |
|---------------------------|----------------------|
| Model                     | BD-05T01HR5L         |
| Voltage range             | 12V                  |
| Maximum flow rate         | 1-5L/min             |
| Maximum negative pressure | -12KPa               |
| Maximum positive pressure | +12KPa               |
| Motor Data                |                      |
| Motor type                | Ironless dc motor    |
| Max power                 | 3w                   |
| Protection class:         | IP20                 |
| Physical Properties       |                      |
| Storage temperature       | -40℃~60℃             |
| Medium environment        | 0℃~45℃               |
| Material                  |                      |
| Pump Head                 | 304 stainless steels |
| Case                      | 304 stainless steels |
| Vane                      | Graphite             |
| Dimension                 | 64*26*30mm           |
| Weight                    | 118g                 |



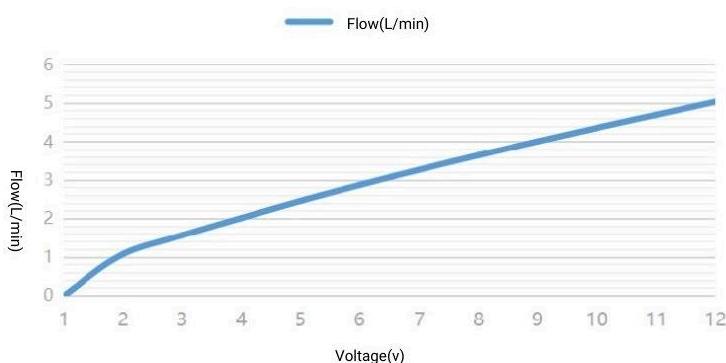
### Features

#### Low vibration and flow stability

Optimized pump body to ensure small volume, provide large flow and Through balance optimization design,oil free rotary vane type Working principle,provide large flow without vibration,can output stable airflow without pulsation. Excellent design of pump head can reduce the noise of the air pump

- Very stable working flow, regulated 1~5L/min flow
- High performance Ironless dc motor, **lifetime over 8000 hours** .
- High level of gas tightness, no contamination of sample gas.
- Can provide positive and negative rotation, change the flow of gas at any time.

### Curve



### Drawing(mm)

