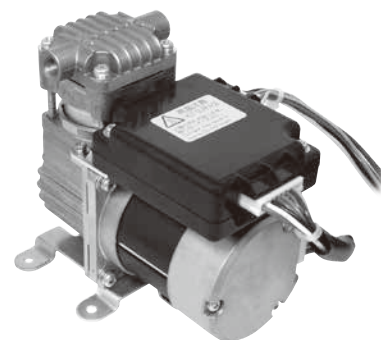


# 真空泵 / Vacuum Pump

型号 **DP0410-X1** 12 V DC  
**DP0410-Y1** 24 V DC

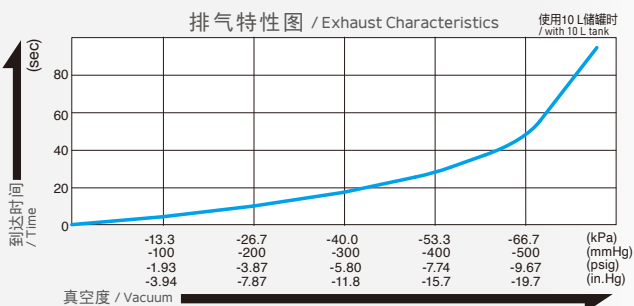
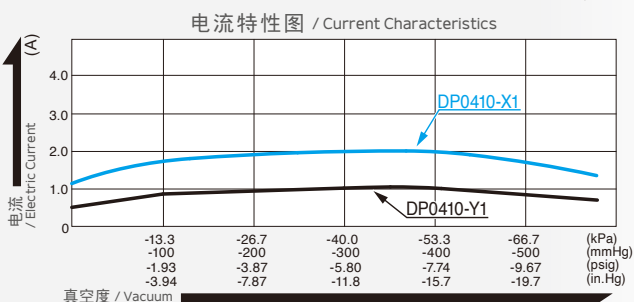
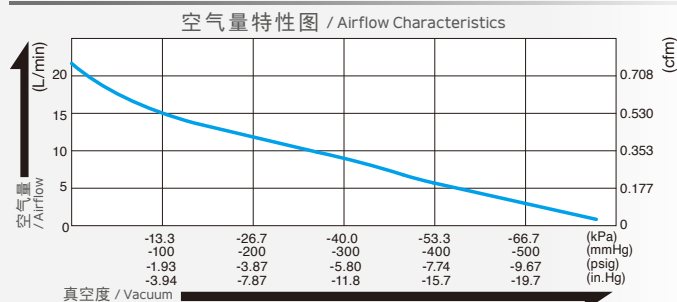
一般 / PWM  
 可控兼用机型  
 / PWM controllable



采用无碳刷马达  
 / Brushless DC Motor

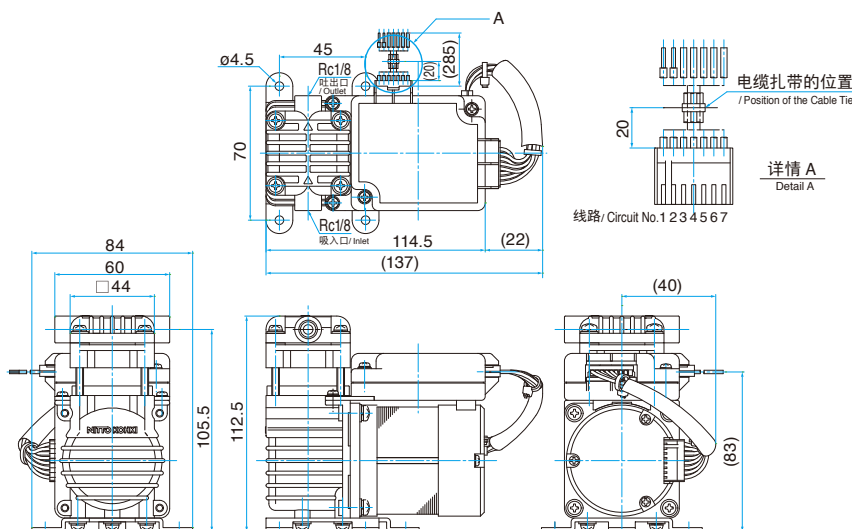
真空专用 / Vacuum Type

## 空气量和电流 / Airflow & Electric Current



\* 特性图只是参考值，并不是保证值。  
 / The characteristic charts are for reference only and are not guaranteed.

## 外形尺寸图 / External Dimensions (单位 / Unit : mm)

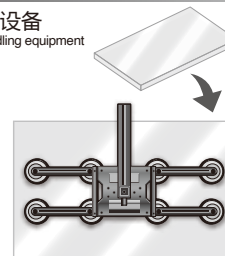


## 规格 / Specifications

| 型号 / Model                             | DP0410-X1                                                                | DP0410-Y1 |
|----------------------------------------|--------------------------------------------------------------------------|-----------|
| 达到真空度 / Attainable Vacuum              | -77.3 kPa (-580 mmHg)<br>-773 mbar -22.8 in.Hg                           |           |
| 吐出空气量 / Free Air Displacement          | 18 L/min<br>0.64 cfm                                                     |           |
| 额定电压 / Rated Voltage                   | 12 V DC                                                                  | 24 V DC   |
| 最大电流 / Maximum Current                 | 2.5 A                                                                    | 1.5 A     |
| 额定时间 / Duty Cycle                      | 连续 / Continuous                                                          |           |
| 使用压力范围 / Working Pressure Range        | 0 to -77.3 kPa<br>(0 to -580 mmHg)<br>0 to -773 mbar<br>0 to -22.8 in.Hg |           |
| 耐用时间 (MTTF) / Rated Performance (MTTF) | 10,000 小时 / hours                                                        |           |
| 吸入口尺寸 / Inlet                          | Rc1/8 (内螺纹 / internal thread)                                            |           |
| 吐出口尺寸 / Outlet                         | Rc1/8 (内螺纹 / internal thread)                                            |           |
| 线圈绝缘等级 / Coil Insulation Class         | 相当于 E 类 / Class E equivalent                                             |           |
| 安装尺寸 / Mounting Dimensions             | 70 (L) x 45 (W) mm<br>2 - 3/4" (L) x 1 - 49/64" (W)                      |           |
| 本体重量 / Weight                          | 1.1 kg 2.4 Lbs                                                           |           |
| 导线长度 / Leadwire Length                 | 285 mm<br>11 - 7/32"                                                     |           |

## 用途例 / Application Examples

真空玻璃板搬运设备  
 / Vacuum glass sheet handling equipment



## 连接表 / Connection Table

|                  |                           | 电 源<br>/ Power Source |               | 控制信号<br>/ Control Signal |                |                |               |               |              |
|------------------|---------------------------|-----------------------|---------------|--------------------------|----------------|----------------|---------------|---------------|--------------|
| 线路 / Circuit No. |                           | 1                     | 2             | 3                        | 4              | 5              | 6             | 7             |              |
| 线色 / Cord Color  |                           | 红色<br>/ Red           | 黑色<br>/ Black | 褐色<br>/ Brown            | 橙色<br>/ Orange | 黄色<br>/ Yellow | 绿色<br>/ Green | 灰色<br>/ Gray  |              |
| 机能 / Function    |                           | V+                    | V-            | 驱动 / 自由<br>DRIVE / FREE  |                | 脉冲<br>/ PULSE  | 报警<br>/ ALARM | 速度<br>/ SPEED | 报警<br>/ SGNL |
| 选项<br>/ Option   | 无控制 Off<br>/ Function Off | ON                    |               |                          | OFF            |                |               |               |              |
|                  | 有控制 On<br>/ Function On   | ON                    |               |                          | ON             |                |               |               |              |
| 线尺寸 / Cord Size  |                           | AWG20                 |               |                          | AWG22          |                |               |               |              |
| 线路类型 / Line Type |                           | UL1007                |               |                          |                |                |               |               |              |

\* 控制功能默认情况下是“OFF”  
 / Control function is "OFF" by default.

- 务必使用扎带固定引线。(请参见细节 A。) 如果它们没有固定, 连接器可能会接触不良并导致故障。
- 有关接线的详细信息, 请参阅用户说明。
- Be sure to secure the lead wires with a cable tie. (See the detail A.) If they are not secured, poor contact of the connector may occur and result in failure.
- For the details of wiring, please see the user's instructions.