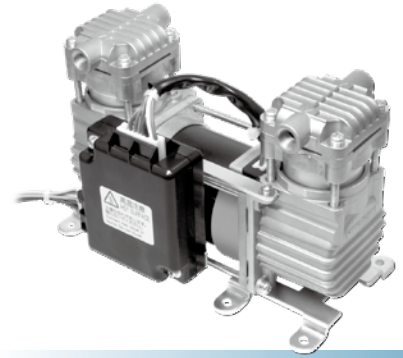


# Vacuum Pump

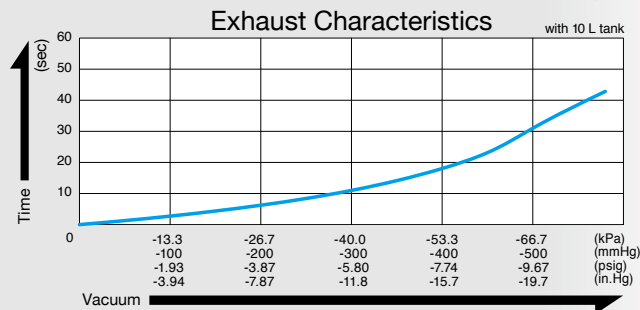
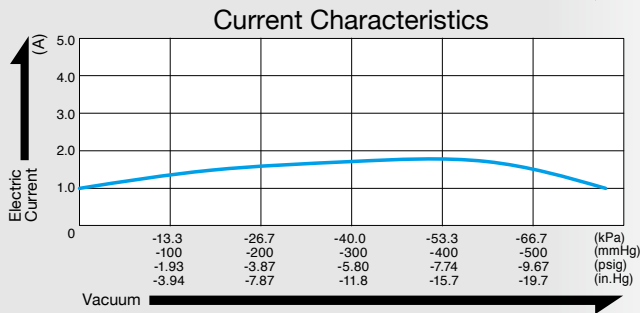
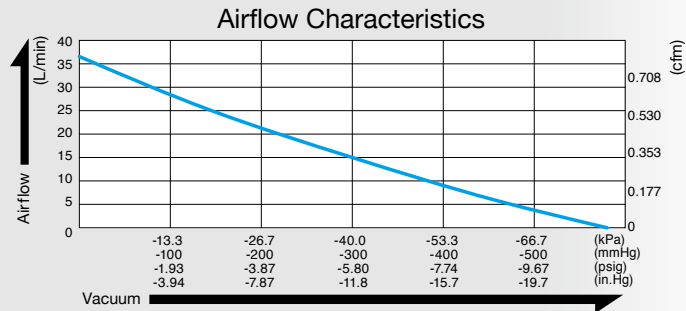


## Model DP0410T-Y1

Brushless DC Motor 24 V DC



### Airflow & Power Consumption

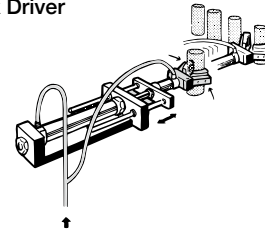


### Specifications

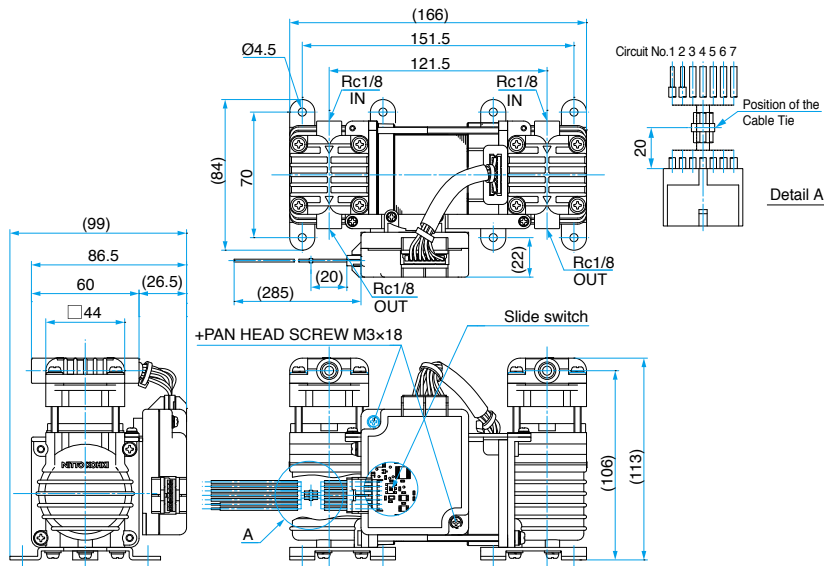
Attainable Vacuum	-77.3 kPa (-580 mmHg) -773 mbar -22.8 in.Hg
Free Air Displacement	34 L/min 1.2 cfm
Rated Voltage	24 V DC
Maximum Current	2.5 A
Duty Cycle	Continuous
Rated Performance (MTTF)	5,000 hours
Inlet	Rc1/8
Outlet	Rc1/8
Coil Insulation Class	E or its equivalent (For DC motor)
Mounting Dimensions	166 (L) x 84 (W) mm 6 - 17/32" (L) x 3 - 5/16" (W)
Weight	1.6 kg 3.5 Lbs
Leadwire Length	285 mm 11 - 7/32"

### Application Examples

#### Air Cylinder/Chuck Driver



### External Dimensions (Unit: mm)



### Connection Table

Circuit No.	Power Source		Control Signal				
	1	2	3	4	5	6	7
Cord Color	Red	Black	Brown	Orange	Yellow	Green	Gray
Function	V+	V-	DRIVE / FREE	PULSE	ALARM	SPEED	SGND
Option	Function Off	ON	OFF		OFF		
	Function On	ON	ON		ON		
Cord Size	AWG20			AWG22			
Line Type	UL1007						

\*Control function is "OFF" by default.

- 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.

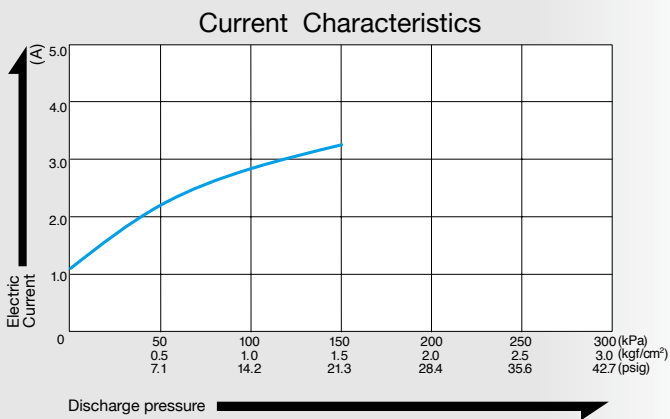
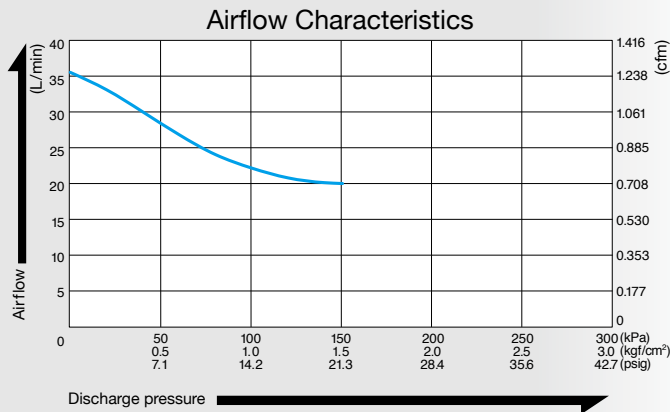
# Compressor

## Model **DPO410T-Y2**

Brushless DC Motor 24 V DC



### Airflow & Power Consumption

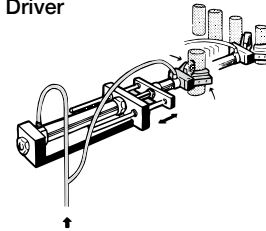


### Specifications

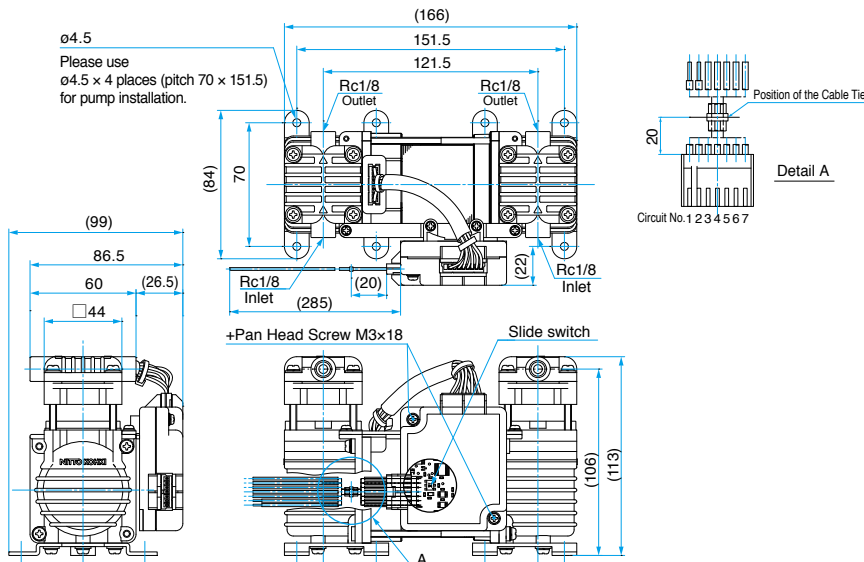
Free Air Displacement	34 L/min 1.2 cfm
Rated Voltage	24 V DC
Maximum Pressure	150 kPa (1.5 kgf/cm <sup>2</sup> ) 1.5 bar 21.3 psig
Maximum Current	4.0 A
Duty Cycle	Continuous
Working Pressure Range	0 to 150 kPa (0 to 1.5 kgf/cm <sup>2</sup> ) 0 to 1.5 bar 0 to 21.3 psig
Rated Performance (MTTF)	5,000 hours
Inlet	RC 1/8
Outlet	RC 1/8
Coil Insulation Class	E or its equivalent (For DC motor)
Mounting Dimensions	166 (L) x 84 (W) mm 6 - 17/32" (L) x 3 - 5/16" (W)
Weight	1.6 kg 3.5 Lbs
Leadwire Length	285 mm 11 - 7/32"

### Application Examples

#### Air Cylinder/Chuck Driver



### External Dimensions (Unit: mm)



### Connection Table

Circuit No.	Power Source			Control Signal			
	1	2	3	4	5	6	7
Cord Color	Red	Black	Brown	Orange	Yellow	Green	Gray
Function	V+	V-	DRIVE / FREE	PULSE	ALARM	SPEED	SGND
Option	Function Off		ON	OFF			
	Function On		ON	ON			
Cord Size	AWG20			AWG22			
Line Type	UL1007						

\*Control function is "OFF" by default.

- 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.