

Compressor and Vacuum Pump

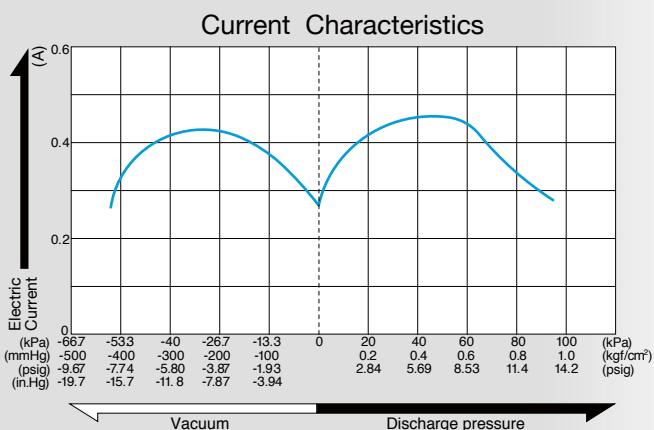
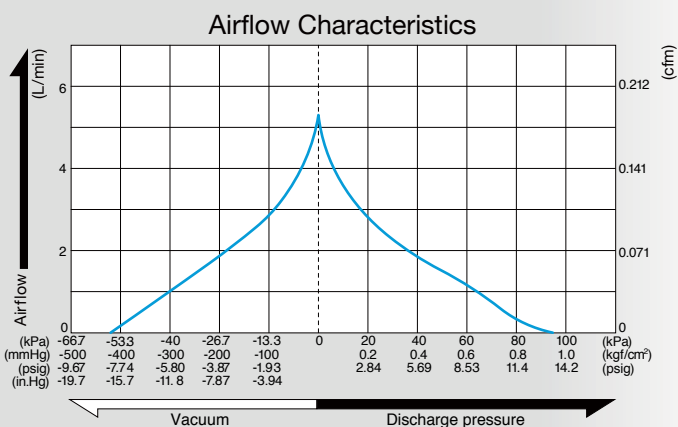
Model **DP0102H-X1**

Brushless DC Motor

12 V DC



Airflow & Power Consumption



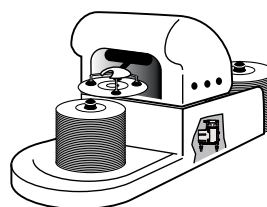
Specifications

Attainable Vacuum	-50.7 kPa (-380 mmHg) -507 mbar -15 in.Hg
Free Air Displacement	4.0 L/min 0.141 cfm
Rated Voltage	12 V DC
Maximum Pressure	80 kPa (0.8 kgf/cm ²) 0.8 bar 11.4 psig
Maximum Current	0.7 A
Duty Cycle	Continuous
Working Pressure Range	-50.7 kPa to 80 kPa (-380 mmHg to 0.8 kgf/cm ²) -507 mbar to 0.8 bar -15 in.Hg to 11.4 psig
Rated Performance	3,000 hours
Inlet	6 mm O.D. straight barb
Outlet	6 mm O.D. straight barb
Coil Insulation Class	E or its equivalent (JETL)
Mounting Dimensions	50 (L) x 30 (W) mm 1-31/32" (L) x 1-3/16" (W)
Weight	0.25 kg 0.55 Lbs.
Leadwire Length	400 mm 15-3/4"

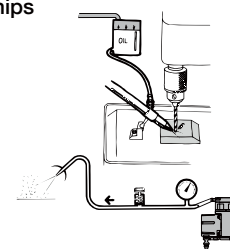
Please read the page of "How to Use This Catalog" first for correct use of compressors and pumps.

Application Examples

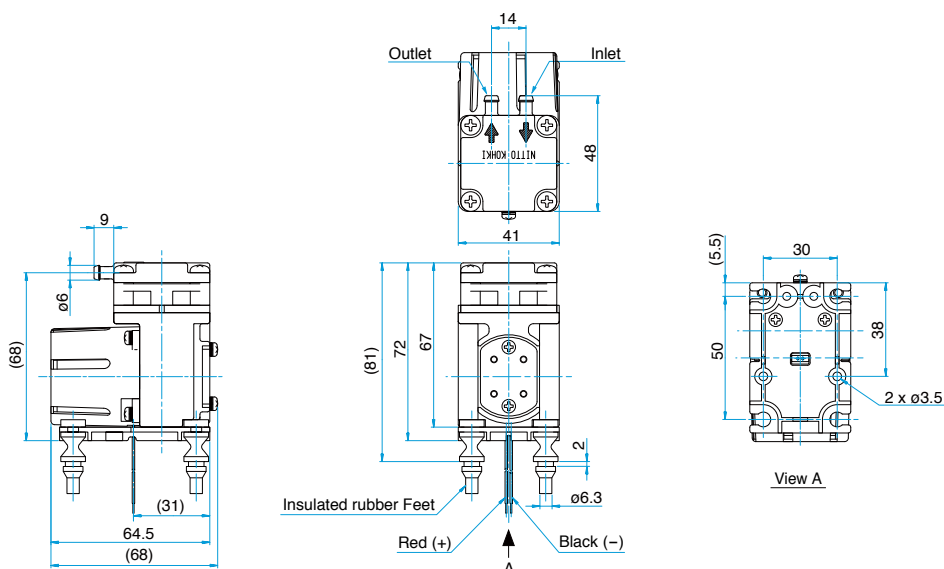
Vacuum pick up and place devices for CD & DVD



Removal of micromachining chips



Dimensional Outline Drawing (Unit: mm)



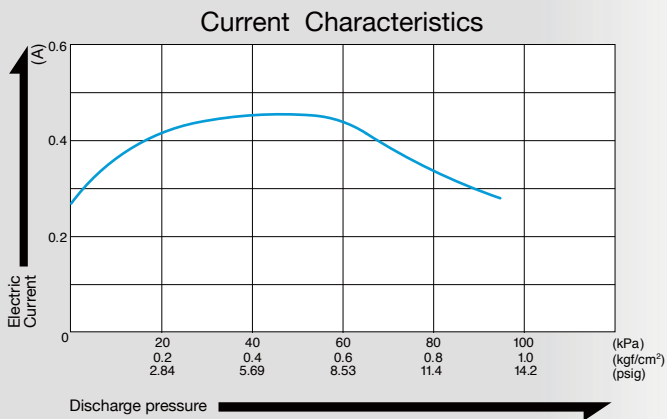
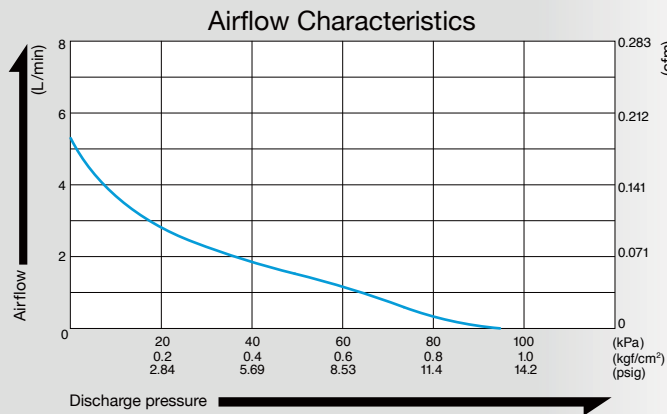
Compressor

Model **DP0102H-X2**

Brushless DC Motor **12 V DC**



Airflow & Power Consumption



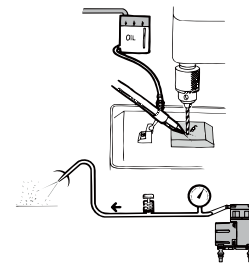
Specifications

Free Air Displacement	4.0 L/min 0.141 cfm
Rated Voltage	12 V DC
Maximum Pressure	80 kPa (0.8 kgf/cm ²) 0.8 bar 11.4 psig
Maximum Current	0.7 A
Duty Cycle	Continuous
Working Pressure Range	0 to 80 kPa (0 to 0.8 kgf/cm ²) 0 to 0.8 bar 0 to 11.4 psig
Rated Performance (MTTF)	3,000 hours
Inlet	6 mm O.D. straight barb
Outlet	6 mm O.D. straight barb
Coil Insulation Class	E or its equivalent (JETL)
Mounting Dimensions	50 (L) x 30 (W) mm 1-31/32" (L) x 1-3/16" (W)
Weight	0.25 kg 0.55 Lbs.
Leadwire Length	400 mm 15-3/4"

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Application Examples

Removal of micromachining chips



Dimensional Outline Drawing (Unit: mm)

