

# DC AIR PUMP

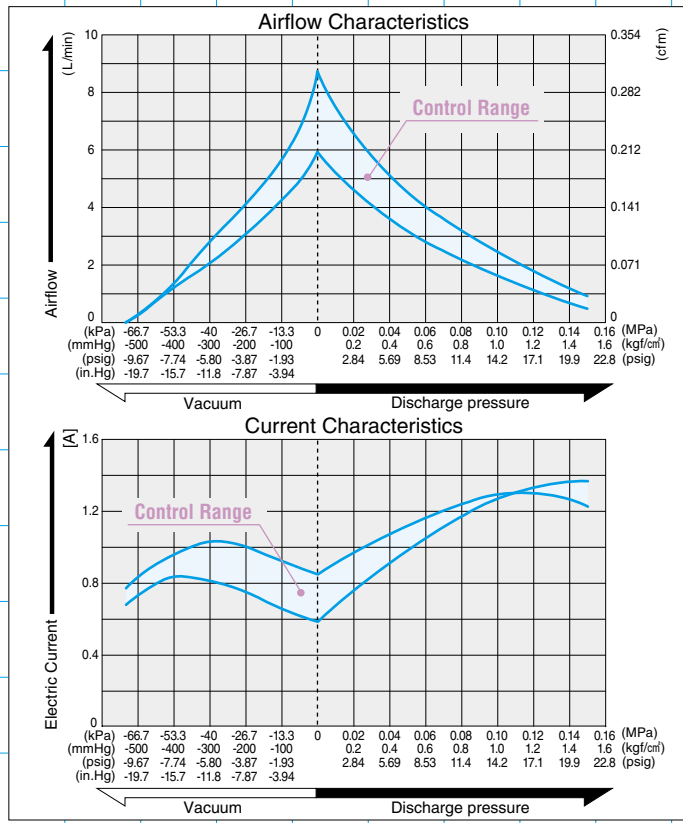
## DIAPHRAGM PUMP



# DP0110 PWM

### Airflow & Electric Current

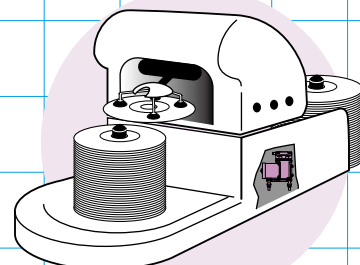
### Specifications



	(SI)	(EURO)	(U.S.A.)
Free Air Displacement	7.5 L/min		0.26 cfm
Rated Voltage		12 V DC	
Maximum Pressure	0.15 MPa {1.5 kgf/cm <sup>2</sup> }	1.5 bar	21.3 psig
Maximum Current		1.4 A or less	
Attainable Vacuum	-66.6kPa (-500mmHg)	-666 mbar	-19.7 in.Hg
Rated Operating Time		Continuous	
Life Expectancy		5,000 hours	
Control (PWM) <sup>※1</sup>		2.5-5 V , 15 - 25 kHz, Duty cycle 80 - 100%	
Inlet and Outlet		6 mm O.D. straight nipple	
Coil Insulation Class		A or its equivalent (JTEL)	
Mounting Dimensions	50 mm(L) x 30 mm(W)	1-3/32" (L) x 1-3/16" (W)	
Gross Weight	0.30 kg		0.66 Lbs.
Leadwire Length	180 mm		7"

※1: PWM= Pulse Width Modulation  
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

### Sketch Drawing and Mounting Dimensions Diagram (mm)

#### Mounting Dimension of Rubber Foot:

Plate thickness : t=2mm,  
Hole diameter :  $\phi 6 \pm 0.1$ mm  
(Rubber feet come with the product as accessories.)

