

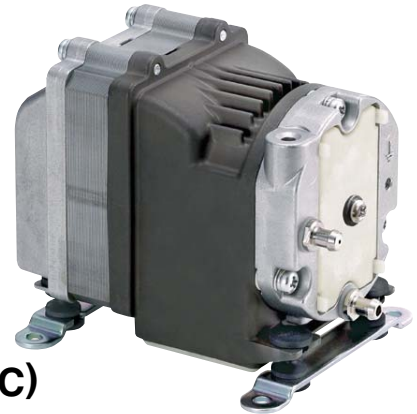
VACUUM PUMP

# LINEAR Piston DC



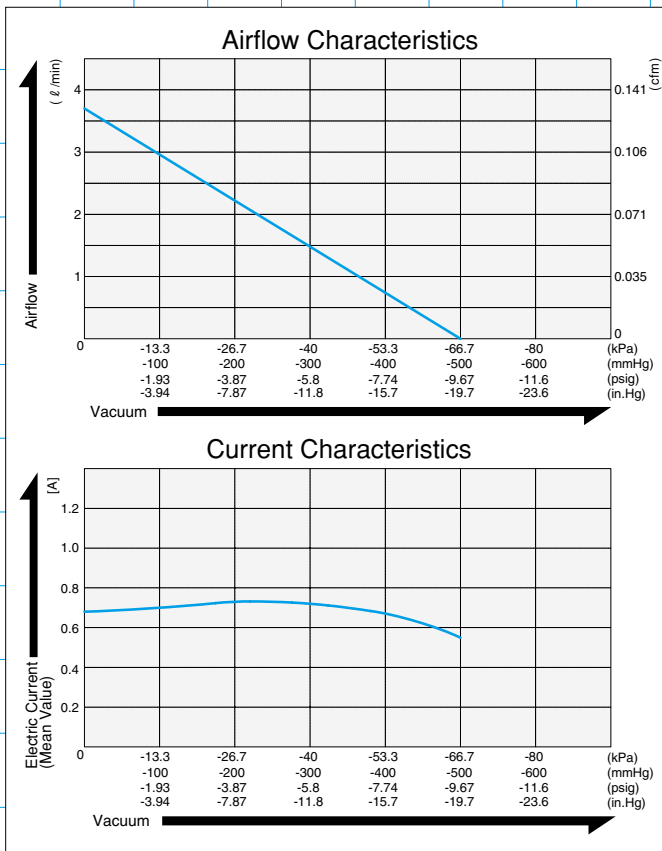
MOTOR FREE  
PISTON SYSTEM

# DVH145-X1 (12V DC)



Airflow & Electric Current

Specifications



	(SI)	(EURO)	(U.S.A.)
Attainable Vacuum	-60 kPa (-450 mmHg)	-600 mbar	-17.7 in.Hg
Free Air Displacement	3 l/min **		0.106 cfm
Rated Voltage	12 V DC		
Current (Mean Value)	0.73 A		
Life Expectancy	10,000 hours		
Inlet	6 mm O.D. hose barb		
Outlet	6 mm O.D. hose barb		
Duty Cycle	Continuous		
Coil Insulation Class	A or its equivalent		
Mounting Dimensions	76 mm(L) x 70 mm(W)	3"(L) x 2-3/4"(W)	
Gross Weight	0.91 kg	2.01 Lbs.	
Leadwire Length	300 mm	11-13/16"	

\*\* Air displacement at no-load operation  
Please read the page of "How to Use This Catalog" first for correct use of compressors and pumps.

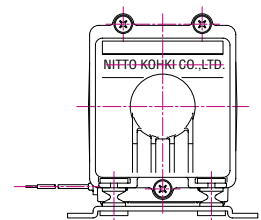
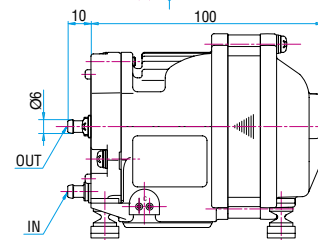
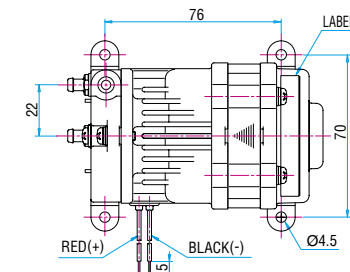
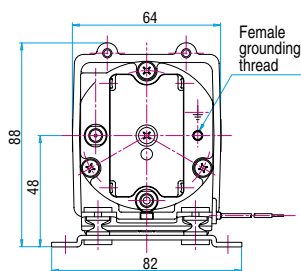
General Conditions

Ambient Temperature: 0 ~ 40°C  
Ambient Humidity: 30 ~ 85%  
Fluid: Air

Applications

Medical equipment, analyzers, etc.

Sketch Drawing and Mounting Dimensions Diagram (mm)



VACUUM PUMP

# LINEAR Piston DC



MOTOR FREE  
PISTON SYSTEM

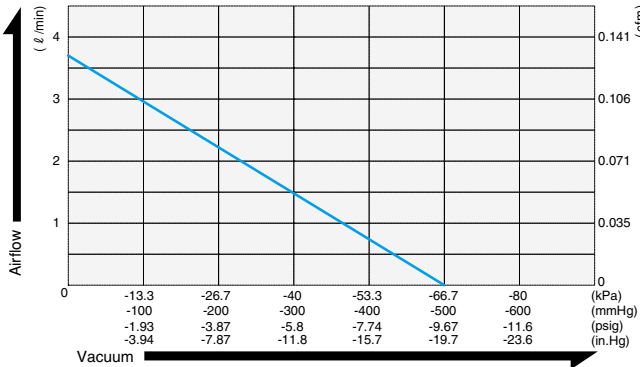
# DVH145-Y1 (24V DC)



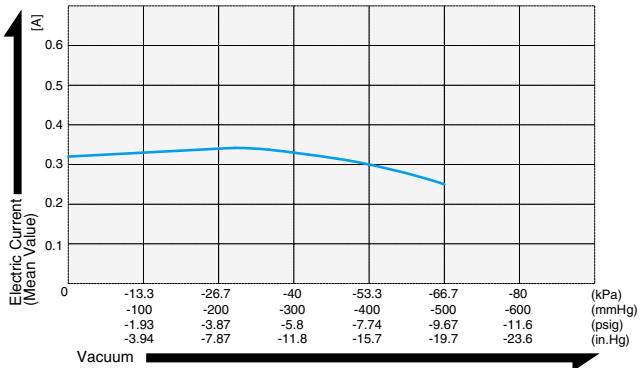
Airflow & Electric Current

Specifications

Airflow Characteristics



Current Characteristics



	(SI)	(EURO)	(U.S.A.)
Attainable Vacuum	-60 kPa (-450 mmHg)	-600 mbar	-17.7 in.Hg
Free Air Displacement	3 l/min **		0.106 cfm
Rated Voltage	24 V DC		
Current (Mean Value)	0.34 A		
Life Expectancy	10,000 hours		
Inlet	6 mm O.D. hose barb		
Outlet	6 mm O.D. hose barb		
Duty Cycle	Continuous		
Coil Insulation Class	A or its equivalent		
Mounting Dimensions	76 mm(L) x 70 mm(W)	3"(L) x 2-3/4"(W)	
Gross Weight	0.91 kg	2.01 Lbs.	
Leadwire Length	300 mm	11-13/16"	

\*\* Air displacement at no-load operation

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

General Conditions

Ambient Temperature: 0 ~ 40°C  
 Ambient Humidity: 30 ~ 85%  
 Fluid: Air

Applications

Medical equipment, analyzers, etc.

Sketch Drawing and Mounting Dimensions Diagram (mm)

