

LINEAR Piston DC



MOTOR FREE
PISTON SYSTEM

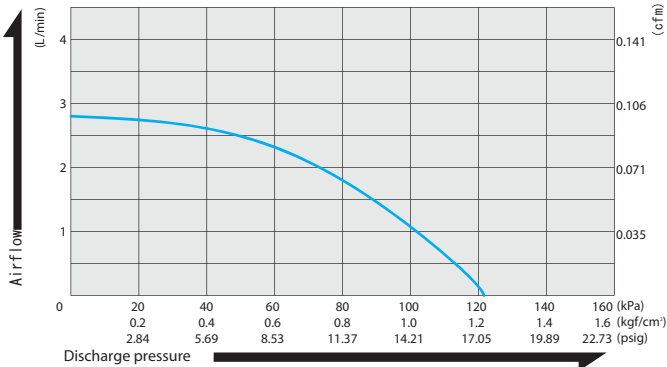


DAH110-X1

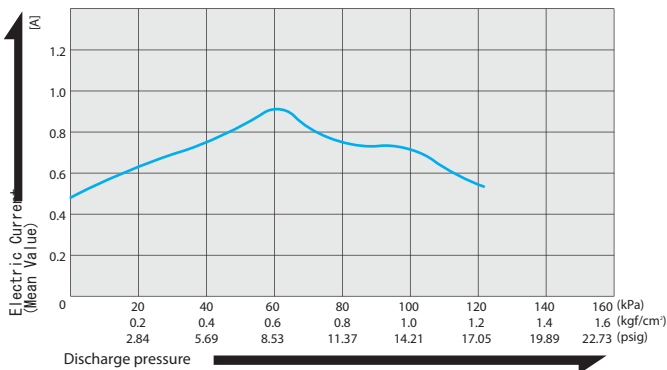
(12 V DC)

Airflow & Electric Current

Airflow Characteristics



Current Characteristics



Specifications

	(SI)	(EURO)	(U.S.A.)
Rated Pressure	100 kPa (1.0 kgf/cm ²)	1.0 bar	14.5 psig
Rated Airflow	1.0 L/min ^{※1}		0.035 cfm
Rated Voltage	12 V DC		
Maximum Pressure	120 kPa (1.2 kgf/cm ²)	1.2 bar	17.4 psig
Current (Mean Value)	0.74A		
Life Expectancy	5,000 hours (MTTF)		
Outlet	4.7 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"	

※1: Air displacement at rated pressure.

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.

Heavy duty rubber feet available on request.
To prevent drop damage when located within portable devices.



Sketch Drawing and Mounting Dimensions Diagram (mm)

