DC AIR PUMP

Diaphragm Pump

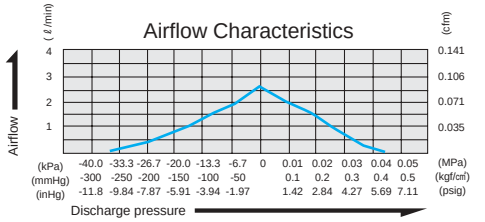
DP0125

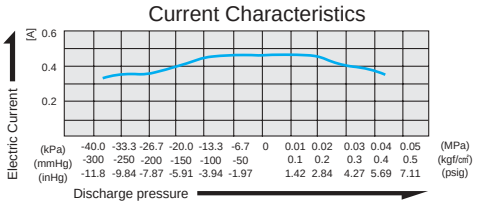
DP0140

DP0125 DP0140

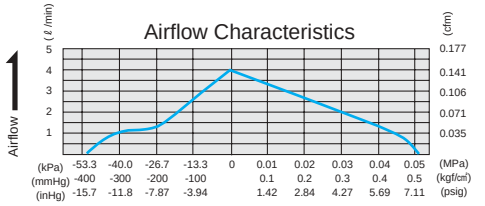
Airflow & Power Consumption

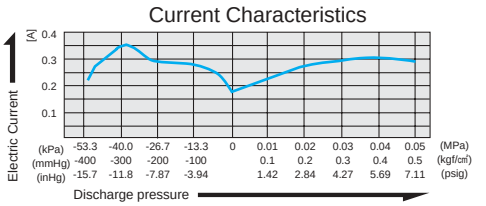
DP0125





DP0140



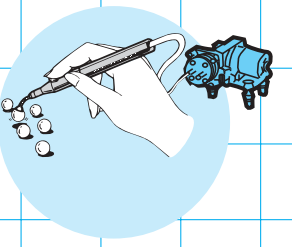


Specifications

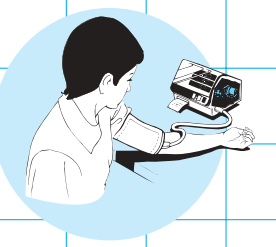
		(SI)	(EURO)	(U.S.A.)
Attainable Vacuum	0125	-33.3 kPa {-250 mmHg}	-333 mbar	-9.84 in.Hg
	0140	-53.3 kPa {-400 mmHg}	-533 mbar	-15.7 in.Hg
Free Air Displacement	0125	2.5 ℓ /min		0.088 cfm
	0140	4 ℓ /min		0.141 cfm
Rated Voltage		12 V, DC		
Maximum Pressure	0125	0.03 MPa {0.3 kgf/cm²}	0.3 bar	4.27 psig
	0140	0.05 MPa {0.5 kgf/cm²}	0.5 bar	7.1 psig
Maximum Current		0.5A		
Duty Cycle		Continuous		
Life Expectancy	0125	200 hours		
	0140	500 hours		
Inlet (or Outlet)	0125	3 mm O.D. straight nipple		
	0140	5 mm O.D. straight nipple		
Coil Insulation Class		E or its equivalent (JETL)		
Mounting Dimensions	0125	32 (L) x 32.5 (W) mm		$1^{1}/_{4}$ (L) x $1^{9}/_{32}$ (W) in.
	0140	52 (L) x 36 (W) mm		$2^{1}/_{16}$ (L) x $1^{7}/_{16}$ (W) in.
Gross Weight	0125	0.08 kg		0.18 Lbs.
	0140	0.19 kg		0.42 Lbs.

* Life expectancy is the expected accumulated period of time during which the compressor will maintain the above specifications. Contact your supplier for details of the conditions of use under which the values and numbers stated herein are maintained.

Application Examples



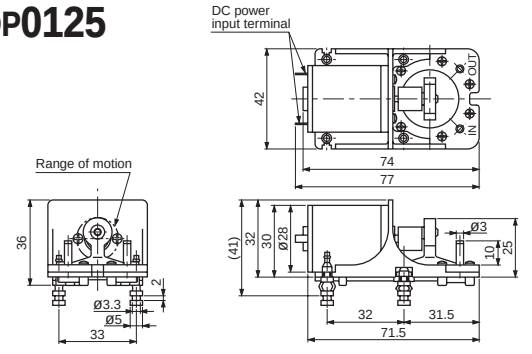
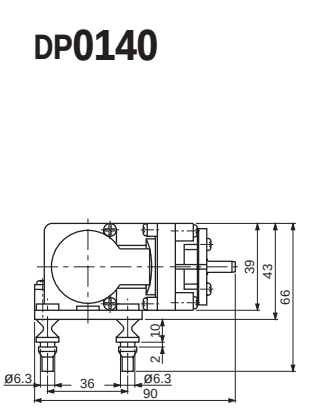
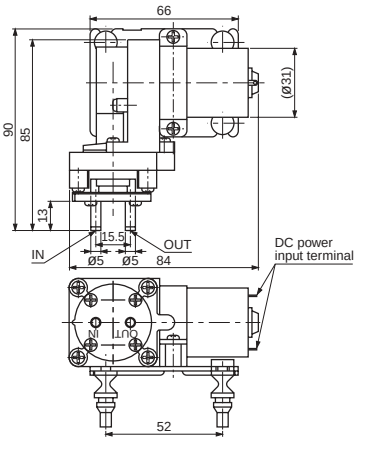
Vacuum Tweezers



Blood Pressure Monitor

Sketch Drawing and Mounting Dimensions Diagram (mm)

DP0125



DP0140