

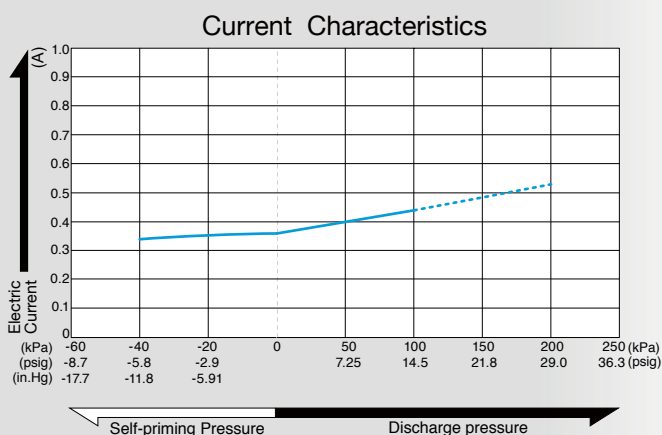
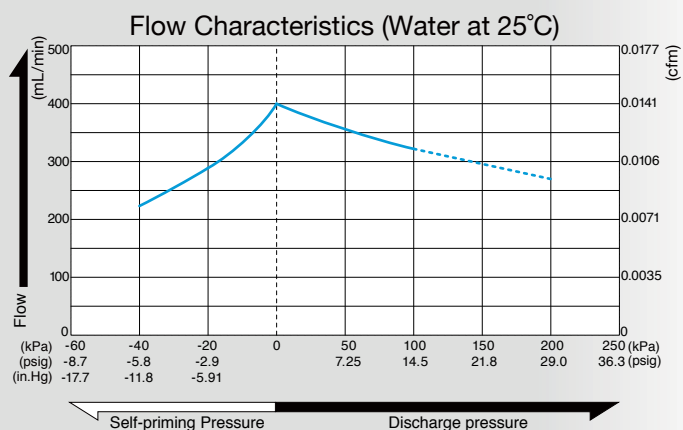
# DC Liquid Pump

## Model **DPE-400BL**

Brushless DC Motor 24 V DC



### Flow & Electric Current



### Specifications

Rated Voltage	24 V DC
Flow Rate *1	400 mL/min 0.0141 cfm
Working Pressure Range	0 to 100 kPa 0 to 1 bar 0 to 14.2 psig
Maximum Pressure *2	300 kPa 3 bar 42.7 psig
Maximu Current	450 mA
Duty Cycle	Continuous
Rated Performance (MTTF) *2	6,000 hours
Self-priming Pressure *1	40 kPa 0.4 bar 5.69 psig
Inlet	5.4 mm O.D. straight barb
Outlet	5.4 mm O.D. straight barb
Insulation Classification	A class equivalent
Mounting Dimensions	41 (W) mm 1-39/64 "(W)
Weight	230 g 0.507 Lbs
Motor	Brushless DC Motor

\*1. At low temperature, the performance may reduce.  
\*2. Pumps may not re-start against high backpressure.  
\*3. Life expectancy is based on the following conditions:  
Rated voltage: 24 V DC, Atmospheric pressure: 0 kPa, Fluid: water at 25°C  
Please read the page of "How to Use This Catalog" first for correct use of compressors and pumps.

### Build materials and applicable fluids

Model	Cylinder Head	Head Cover	Diaphragm	Valve	O-ring	Applicable fluids
DPE-400BL-2E	PA Polyamide(Nylon)		PTFE	EPDM	EPDM	Sodium hydroxide, Citric acid Ammonia water, Caustic potash
DPE-400BL-2G				Ethylene-propylene rubber		
DPE-400BL-7G	PPS Polyphenylene sulfide		Polytetrafluoroethylene	FKM	FKM	Ethanol, Ethylene glycol Sodium carbonate, mineral oil
DPE-400BL-7P				Fuluro rubber		
				FFKM	FFKM	Chloroform, Benzene Glacial acetic acid, Methyl ethyl ketone

### Application Examples

- Liquid analytical instruments e.g. medical, food, water treatment & environmental.
- Liquid transport within filtration, sampling, sterilizers and washers.
- Ink transport within industrial ink-jet printers.

### Dimensional Outline Drawing (Unit: mm)

