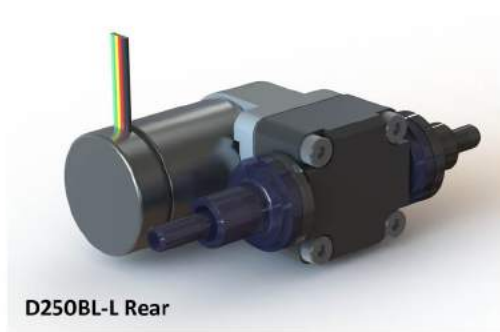
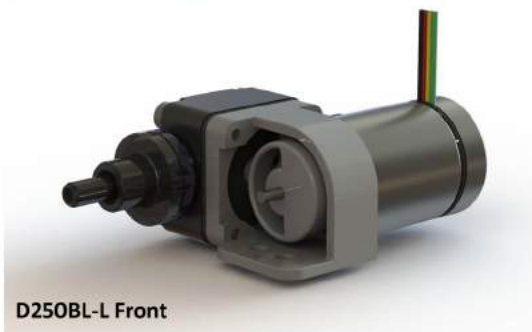
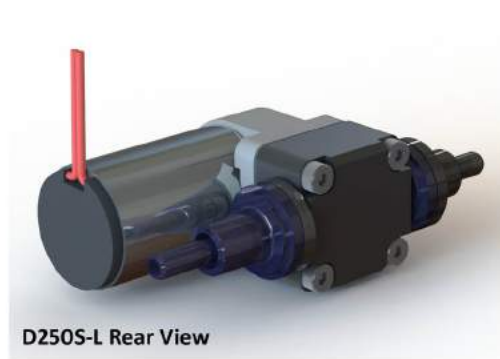


Micro Diaphragm Liquid and Gas Pump Range

Overview : Self Priming Liquid pump capable of high pressures

The D250-L series range of pumps have been developed to optimise the performance with liquids. Constructed from glass filled nylon and aluminium alloy (6000 series + anodising) they use an EPDM diaphragm and silicon valves as standard. The pumps use efficient push fit connectors designed with a 3mm socket on each end and capable of accepting 2.4mm bore flexible tubing.

Pump Variants



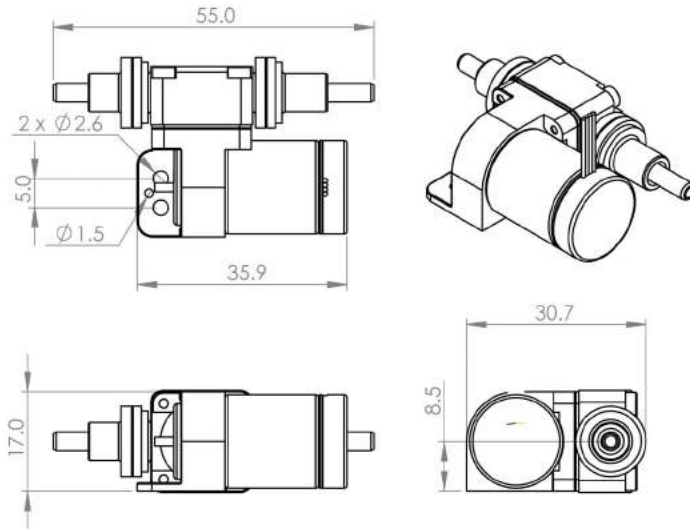
Typical Applications

- Fluid transfer systems
- Medical devices
- Lubrication systems
- Battery and Solar Powered Systems
- Cooling Systems
- Low Pressure Fuel Pump

Features

- CNC aluminium alloy and precision injection moulded construction
- Variable flow rate and low power consumption
- Small size only 55 x 31 x 17 mm
- Weight 26g
- Usable with power supply or batteries
- Wide range of chemical resistance

Connectors to suit 2.4mm bore tubing



Materials

Wetted Parts

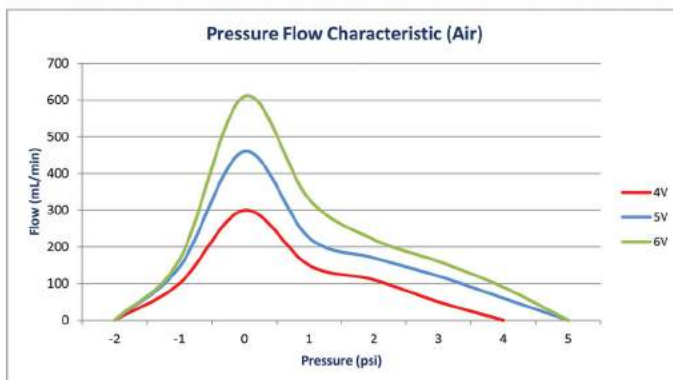
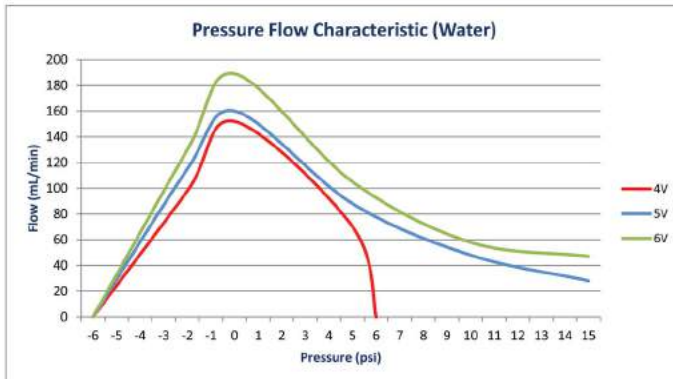
- Anodised 6000 Series Aluminium
- 316 Stainless Steel
- Viton or EPDM
- Polyacetal
- Glass filled nylon

Other

- Materials typical to a DC motor

Performance Data

- Small Size 55 x 31 x 17mm
- Weight 26 g
- Operating Temp -20 to 100 deg C
- IP Rating - Standard pumps IP41
- Noise Levels 15dB
Measured at a distance of 1m with a 50dB ambient noise level
- MTBF 'BL' stock pumps 10,000hrs
 'S' stock pumps 5,000hrs
Special variants available to order >100,000hrs



Note: Running the D250L at greater than 15psi can lead to pump damage

D250BL-L	Input (v)	Power (W)	Flow (mLpm)	Pressure (psi)
Liquid	6	1.8	189	15
Air	6	0.5	610	5