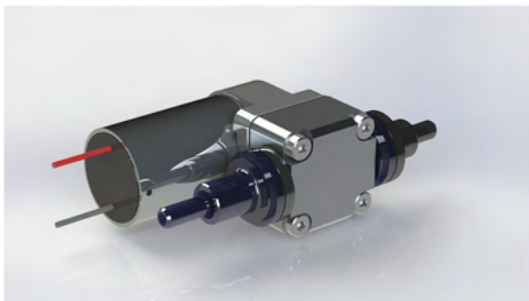


Micro Diaphragm Liquid Pump Range

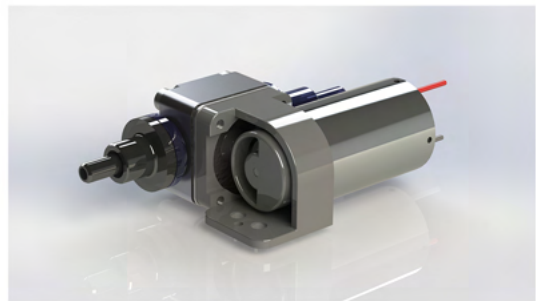
Overview : Self Priming Liquid pump capable of high pressures

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 Viton diaphragm and silicon valves as standard. The pumps use efficient barbed style connectors designed with a 3mm socket on each end and capable of accepting 2.4mm bore flexible tubing.

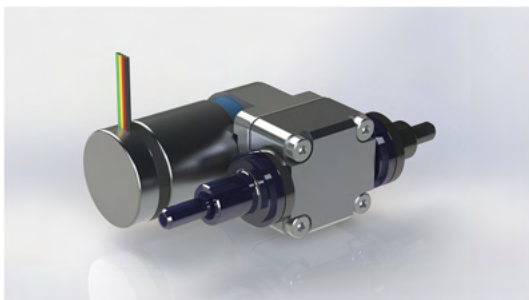
Pump Variants



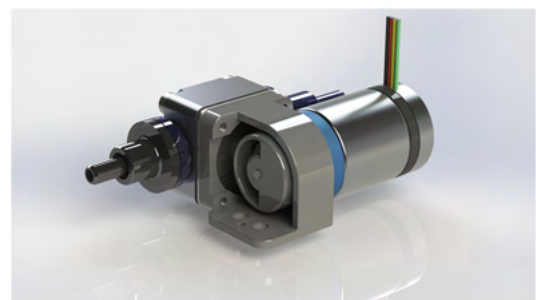
D250S-L Front View



D250S-L Rear View



D250BLX-L Front



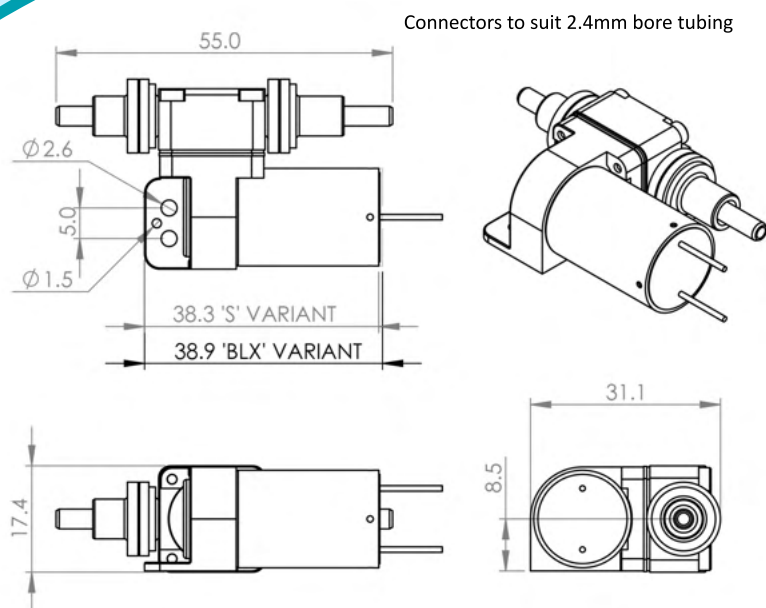
D250BLX-L Rear

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 30-36g
- Usable with power supply or batteries



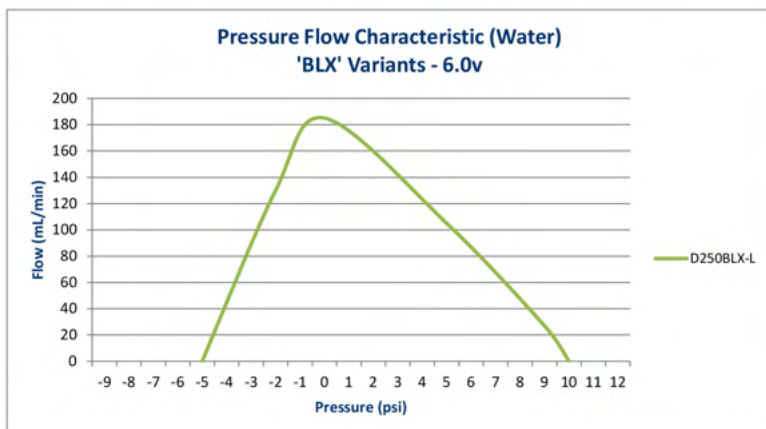
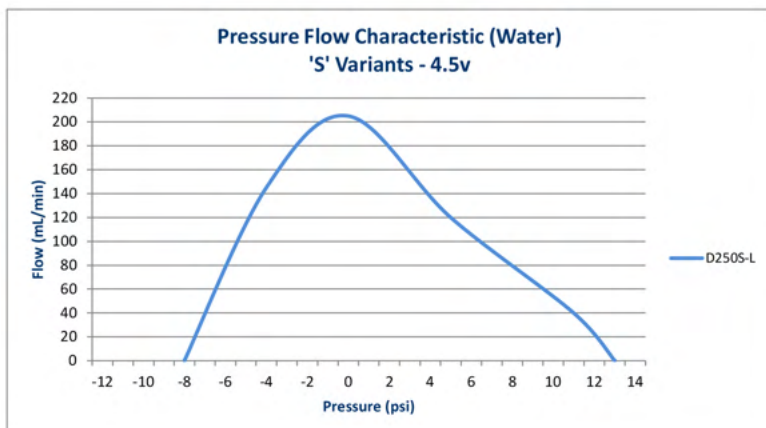
Materials

Wetted Parts

- Anodised 6000 Series Aluminium
- 316 Stainless Steel
- Viton and Silicone
- Polyacetal
- Glass filled nylon

Performance Data

- Small Size 55 x 31 x 17mm
- Weight 30 - 36g
- 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 'BLX' 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

Tested on Water				
Variant	Input	Power	Flow	Pressure
	(V)	(W)	(ml/min)	(psi)
D250S-L	4.5	1.5	200.0	13.0
D250BLX-L	6.0	1.9	180.0	10.0