

Micro Gear Liquid Pump Control Box

Overview : Self Contained Control Box Complete with Pump and Controller

The CBS400 Control box is a self contained pumping solution for liquids. It has both an MGD1000F Micropump and integrated motor controller that delivers consistent pulseless flow at both high or low pressures.

Suitable for a wide range of liquids the MGD1000F pump is self-priming and can be used with all commonly found liquids and will resist most chemicals and solvents.

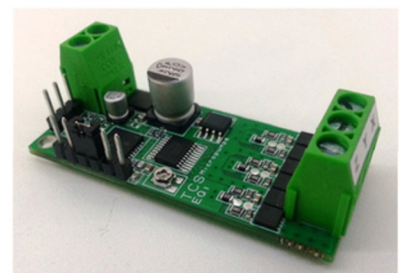
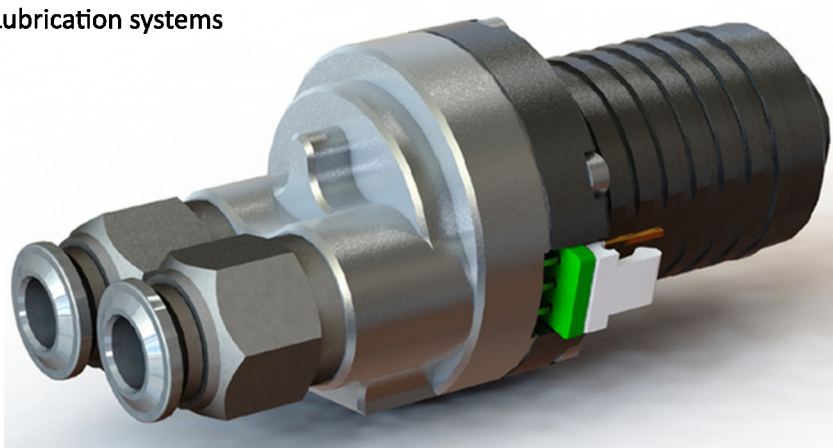
Delivering a smooth, consistent, almost pulseless flow throughout the pressure range. The Control Units are particularly suitable for systems where pressure and flow consistency are key requirements.

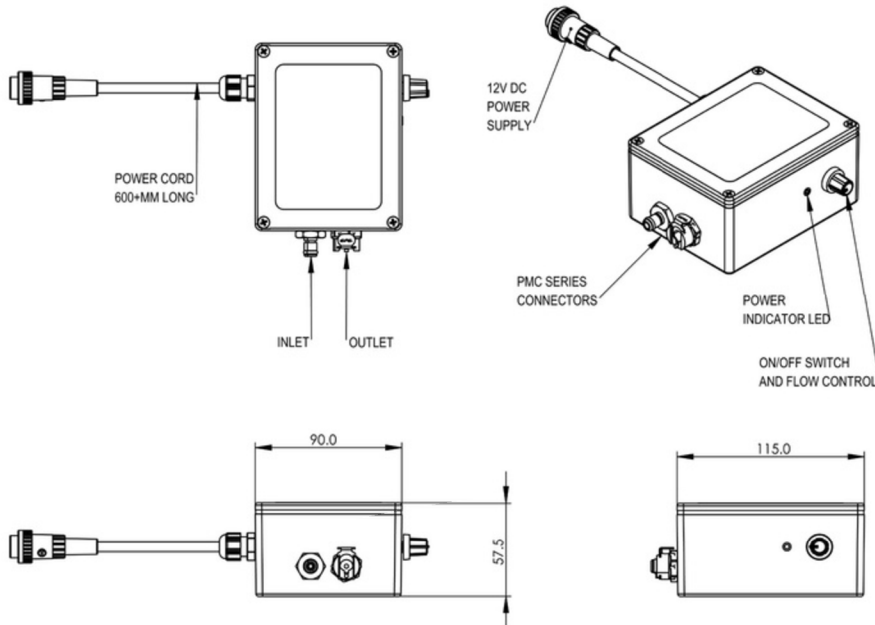
Features

- High pressure capability
- Self-priming
- High and low viscosity liquids
- Smooth almost pulseless flow
- Reversible flow
- High chemical resistance

Typical Applications

- High Pressure Fuel Pump
- Cooling Systems
- Precision Flow
- Lubrication systems

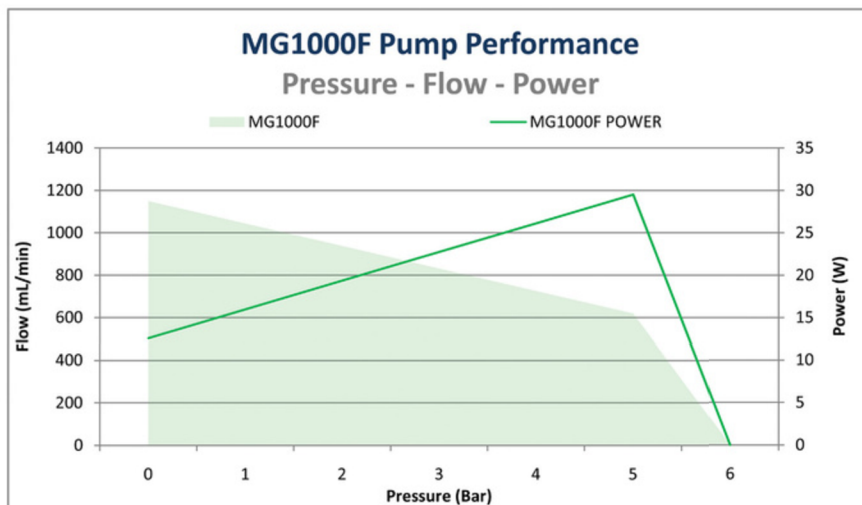




Technical Data

- Size 115 X 90 X 56mm
- Weight (excluding connectors) 500g
- Maximum Free Flow 1150ml/min
- Operating Temp - High 60 °C
- Operating Temp - Low 0 °C
- Max Differential Pressure (Continuous) 4 Bar
- Max Differential Pressure (Intermittent) 6 Bar
- Max System Pressure 10bar+
- Max Continuous Current 1.8A

- Wetted Parts: 316 Stainless Steel, PEEK, Ertalyte, Viton, Polyurethane
- Fluid Connection - Standard 6mm Push Fit
- Typical Life >20,000hrs
- IP Rating IP67



- Intergrated Drive Motor Sensorless Brushless
- Integrated Motor Control EQi-MG
- Power Supply (not Supplied) 12v DC
- Lead Length 700mm
- Filter Recomendations 10microns
- Noise Levels (above ambient 50db at 1m) 25dB