

# Series GB

## Magnetic Drive Gear Pump

**MICROPUMP®**

When you need a low-flow pump that delivers high-performance in a small package, Series GB is an excellent solution. Series GB pumps provide precise, pulseless flow for a wide range of fluid temperatures. Featuring the patented Micropump® suction shoe design, the pumps self-compensate for wear ensuring near zero slip and a long pump life. Available in standard or custom designs, Series GB keeps your operations flowing smoothly.

### Suction Shoe Style Pumps

Suction shoe style pumps self-compensate for wear, are excellent for continuous duty processes, and offer improved efficiencies when pumping at higher pressures

### Small Size

The miniature package size of the Series GB is easily incorporated into the design of many systems.

### Leak-Free

The magnetic drive and static o-ring seal(s) keep the fluid securely inside the pump and potential contaminants out.

### Smooth Pulseless Delivery

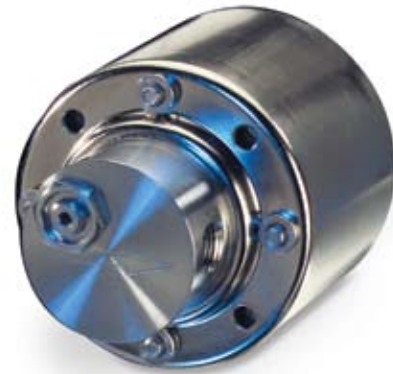
Positive displacement, helical gears provide consistent fluid delivery in continuous processes.

### Chemically Resistant

Series GB has a long-life in aggressive environments.

### Easy to Service

Series GB pumps are easy to service using a Micropump service kit and simple hand tools.



### Wide Range of Options and Configurations

Micropump's designs offer the flexibility to customize products to meet your more challenging requirements including:

- ▶ Two and three gear versions
- ▶ Multiple gear, body, and o-ring materials
- ▶ Optional internal bypass
- ▶ Optional high-torque magnets
- ▶ NEMA, IEC, and Micropump drive mounts

### Innovative Designs

Micropump uses the latest engineering tools and manufacturing equipment to produce the most innovative pumping solutions available. Products are developed using state-of-the-art CAD, Finite Element Analysis (FEA), and rapid prototyping tools to ensure the highest level of product quality and reliability.

### Enhanced Efficiency

As part of the IDEX Health & Science Group, Micropump now offers fully-integrated liquid subassemblies, gas management systems, and precision components. Products include pumps, valves, manifolds, tubing, fittings, degassing/debubbling systems, air compressors, vacuum generators, and HPLC columns. Additional services are custom fluidic engineering and development, contract manufacturing, extrusion, molding, machining, and diffusion bonding.



Precision Engineered Fluidics™











































