Series GL pumps deliver exceptional pumping performance for any high-precision application. These compact magnetically driven gear pumps feature a cavity style design with benefits such as chemical resistance, smooth pulseless fluid delivery, and high-system pressure capability. Micropump’s Series GL pumps keep your operations flowing smoothly.

**CAVITY STYLE PUMPS**
Cavity style pumps are excellent for wide-ranging inlet and outlet operating conditions, and allow for intermittently pumping in reverse.

**SMALL SIZE**
The miniature package size of the Series GL is easily incorporated into the design of many systems.

**FLUID PATH INTEGRITY**
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, precision gears provide consistent fluid delivery in continuous processes.

**CHEMICALLY RESISTANT**
Series GL has a long-life in aggressive environments.

**EASY TO SERVICE**
Series GL pumps are easy to service using a Micropump service kit and simple hand tools.

**HIGH-SYSTEM PRESSURE CAPABILITY**
Optional versions of the Series GL are designed to withstand system pressures up to 103 Bar (1500 psi).

**WIDE RANGE OF CONFIGURATIONS**
Micropump’s designs offer a wide range of configurations to meet your more challenging requirements including:
- Three standard gear sizes
- Multiple gear, body, and o-ring materials
- Optional high-torque magnets
- NEMA and IEC drive mounts
PUMP PERFORMANCE

FLOW RATE AT 3450 RPM
- 26.6 L/min (7.0 US gpm)

DISPLACEMENT
- Gear Set: H21 H23 H25
- mL/rev: 4.6 6.2 7.7
- US gal/1000 rev: 1.2 1.6 2.0

MAXIMUM RATED DIFFERENTIAL PRESSURE
- 8.6 Bar (125 psi)

MAXIMUM RATED SYSTEM PRESSURE
- 103 Bar (1500 psi)

TEMPERATURE RANGE
- -46 to 121 °C (-50 to 250 °F)

VISCOSEITY RANGE
- 0.5 to 2500 cps

MAXIMUM RECOMMENDED SPEED
- 3450 rpm

PUMP CONSTRUCTION
- Magnetic drive gear pump
- Cavity style
- Helical, shafted gears
- Sleeve bushings
- O-ring seals

WETTED MATERIALS

BASE MATERIAL
- 316 stainless steel

GEARS
- PTFE
- PEEK

STATIC SEALS
- PTFE

MAGNETS

DRIVEN AND DRIVING
- Ferrite
- Rare earth

PRODUCT ENHANCEMENTS
- High-system pressure
- Carbon bushings
- Hardened shafts
- 1/2" - 14 NPT Ports